

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092419\
 Data File : BM022766.D
 Acq On : 25 Sep 2019 01:06
 Operator : JU
 Sample : K4980-04MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SAND-STOCKPILE-1MSD

Manual Integrations
 APPROVED

mohammad
 9/26/2019 8:25:49 AM

Quant Time: Sep 25 05:15:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 16:34:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	262342	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	1003780	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	571385	20.00	ng	0.00
64) Phenanthrene-d10	17.19	188	1039647	20.00	ng	0.00
76) Chrysene-d12	21.37	240	842117	20.00	ng	-0.01
87) Perylene-d12	23.64	264	1038511	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1597242	96.56	ng	0.00
7) Phenol-d6	6.99	99	2156136	101.49	ng	0.00
23) Nitrobenzene-d5	8.97	82	1210481	66.94	ng	0.00
42) 2,4,6-Tribromophenol	15.94	330	739327	103.65	ng	0.00
45) 2-Fluorobiphenyl	13.08	172	2826613	68.12	ng	0.00
79) Terphenyl-d14	19.82	244	3179563	73.11	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.32	88	172050	25.849	ng	# 100
3) Pyridine	3.72	79	428072	24.400	ng	100
4) n-Nitrosodimethylamine	3.62	42	209626	32.822	ng	# 96
6) Aniline	7.15	93	651888	25.589	ng	100
8) 2-Chlorophenol	7.39	128	621863	36.898	ng	99
9) Benzaldehyde	6.96	77	396522	32.778	ng	100
10) Phenol	7.02	94	762330	38.113	ng	99
11) bis(2-Chloroethyl)ether	7.25	93	547735	34.855	ng	99
12) 1,3-Dichlorobenzene	7.71	146	657629	32.648	ng	100
13) 1,4-Dichlorobenzene	7.86	146	673843	33.044	ng	100
14) 1,2-Dichlorobenzene	8.17	146	642559	33.051	ng	100
15) Benzyl Alcohol	8.06	79	490602	36.904	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.35	45	731566	32.047	ng	99
17) 2-Methylphenol	8.26	107	490048	37.015	ng	99
18) Hexachloroethane	8.90	117	240894	32.208	ng	99
19) n-Nitroso-di-n-propylamine	8.63	70	413597	34.861	ng	98
20) 3+4-Methylphenols	8.59	107	657487	37.285	ng	99
22) Acetophenone	8.64	105	834220	33.669	ng	# 99
24) Nitrobenzene	9.02	77	615908	35.599	ng	98
25) Isophorone	9.55	82	1116157	37.540	ng	99
26) 2-Nitrophenol	9.73	139	310971	41.635	ng	98
27) 2,4-Dimethylphenol	9.79	122	552942	44.221	ng	99
28) bis(2-Chloroethoxy)methane	10.02	93	734814	35.714	ng	99
29) 2,4-Dichlorophenol	10.26	162	563047	39.828	ng	99
30) 1,2,4-Trichlorobenzene	10.48	180	617041	35.476	ng	99
31) Naphthalene	10.66	128	1851677	37.334	ng	100
32) Benzoic acid	9.91	122	248324	30.471	ng	94
33) 4-Chloroaniline	10.76	127	377307	17.521	ng	99
34) Hexachlorobutadiene	10.96	225	363131	35.024	ng	99
35) Caprolactam	11.55	113	160990m	38.413	ng	
36) 4-Chloro-3-methylphenol	11.89	107	546263	39.606	ng	100
37) 2-Methylnaphthalene	12.27	142	1342560	38.888	ng	99
38) 1-Methylnaphthalene	12.50	142	1249534	38.130	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	678536	35.047	ng	99

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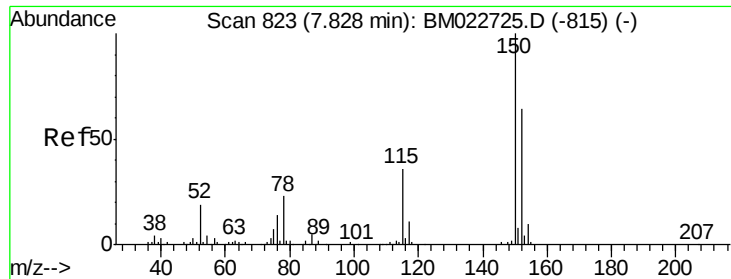
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.63	237	486970	46.099	nq	99
43) 2,4,6-Trichlorophenol	12.89	196	438769	39.266	nq	99
44) 2,4,5-Trichlorophenol	12.96	196	467275	40.128	nq	98
46) 1,1'-Biphenyl	13.29	154	1636912	34.614	nq	99
47) 2-Chloronaphthalene	13.33	162	1253537	35.564	nq	99
48) 2-Nitroaniline	13.53	65	329902	35.944	nq	99
49) Acenaphthylene	14.17	152	2095584	40.149	nq	100
50) Dimethylphthalate	13.92	163	1803913	43.686	nq	99
51) 2,6-Dinitrotoluene	14.03	165	324428	37.561	nq	96
52) Acenaphthene	14.52	154	1196361	35.035	nq	100
53) 3-Nitroaniline	14.35	138	210821	21.202	nq	99
54) 2,4-Dinitrophenol	14.56	184	176228	41.335	nq	94
55) Dibenzofuran	14.85	168	1826181	36.632	nq	99
56) 4-Nitrophenol	14.66	139	573039	74.978	nq	97
57) 2,4-Dinitrotoluene	14.81	165	430533	38.048	nq	99
58) Fluorene	15.50	166	1509942	37.272	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.08	232	389953	38.398	nq	96
60) Diethylphthalate	15.28	149	1465899	36.510	nq	99
61) 4-Chlorophenyl-phenylether	15.50	204	749993	36.031	nq	99
62) 4-Nitroaniline	15.52	138	335549	32.187	nq	98
63) Azobenzene	15.79	77	1292224	35.639	nq	100
65) 4,6-Dinitro-2-methylphenol	15.57	198	142962	30.221	nq	96
66) n-Nitrosodiphenylamine	15.71	169	1286362	40.501	nq	99
67) 4-Bromophenyl-phenylether	16.39	248	456427	39.472	nq	99
68) Hexachlorobenzene	16.51	284	492097	36.492	nq	98
69) Atrazine	16.66	200	378366	36.646	nq	99
70) Pentachlorophenol	16.84	266	574323	79.860	nq	99
71) Phenanthrene	17.24	178	2418231	41.223	nq	100
72) Anthracene	17.33	178	2256996	39.698	nq	99
73) Carbazole	17.59	167	1905854	36.024	nq	99
74) Di-n-butylphthalate	18.16	149	2377073	39.625	nq	100
75) Fluoranthene	19.25	202	2498372	37.742	nq	98
77) Benzidine	19.43	184	1264824	54.749	nq	99
78) Pyrene	19.61	202	2715923	49.212	nq	99
80) Butylbenzylphthalate	20.51	149	913976	43.576	nq	99
81) Benzo(a)anthracene	21.36	228	2290315	41.963	nq	98
82) 3,3'-Dichlorobenzidine	21.29	252	713301	36.853	nq	100
83) Chrysene	21.41	228	2178220	41.166	nq	99
84) Bis(2-ethylhexyl)phthalate	21.29	149	1337343	43.033	nq	99
85) Di-n-octyl phthalate	22.17	149	2176369	43.940	nq	98
86) Indeno(1,2,3-cd)pyrene	25.96	276	2928223	46.366	nq	# 100
88) Benzo(b)fluoranthene	22.96	252	2411357	38.349	nq	100
89) Benzo(k)fluoranthene	23.00	252	2307787	36.990	nq	99
90) Benzo(a)pyrene	23.54	252	2449509	42.277	nq	99
91) Dibenzo(a,h)anthracene	25.97	278	2339650	38.605	nq	98
92) Benzo(g,h,i)perylene	26.67	276	2474790	42.992	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

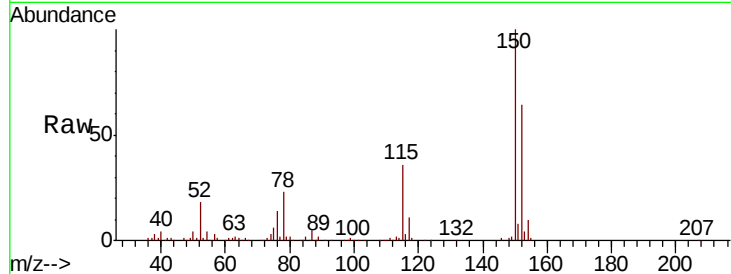
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM022766.D
Acq: 25 Sep 2019 01:06

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.5	186.7
115	56.4	45.0	67.4

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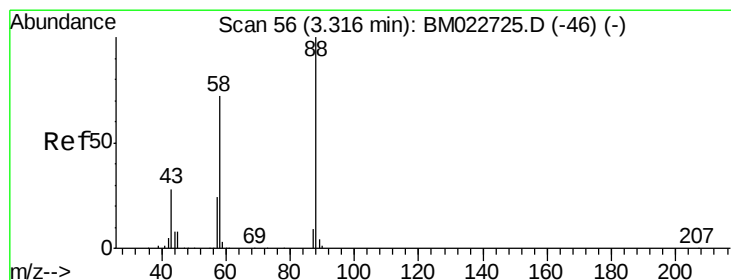
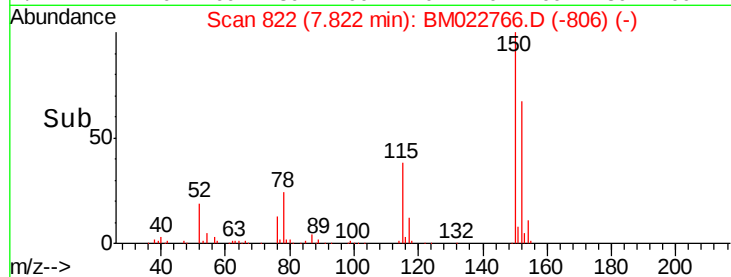
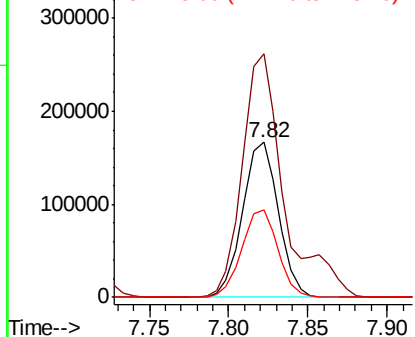


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

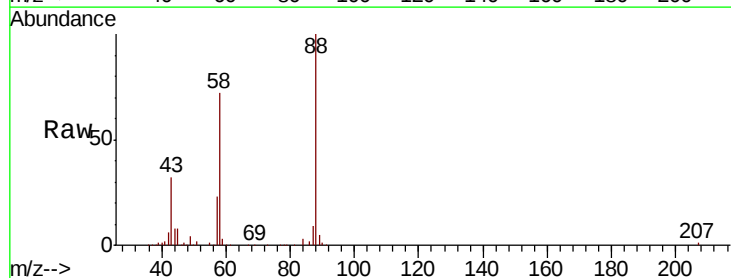
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 25.849 ng
RT: 3.32 min Scan# 56
Delta R.T. -0.00 min
Lab File: BM022766.D
Acq: 25 Sep 2019 01:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.7	0.0	0.0#
43	28.1	0.0	0.0#

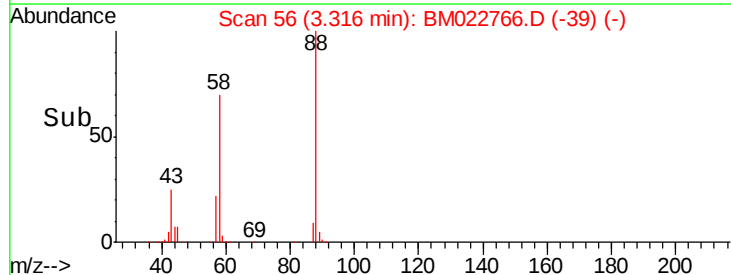
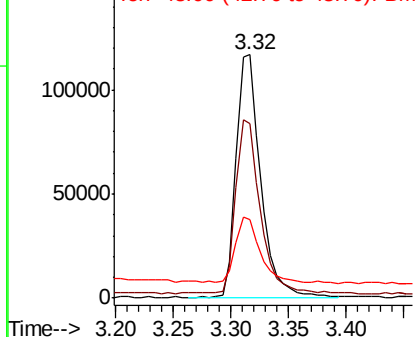


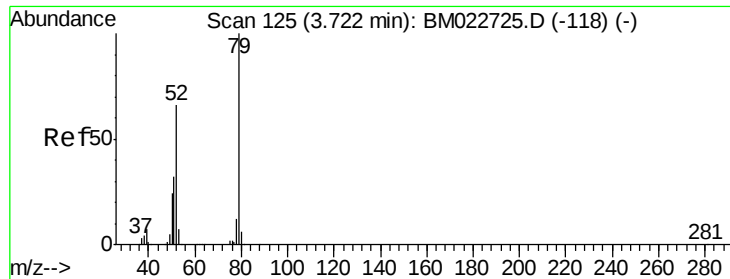
Abundance

Ion 88.00 (87.70 to 88.70): BMC

Ion 58.00 (57.70 to 58.70): BMC

Ion 43.00 (42.70 to 43.70): BMC





#3

Pvridine

Concen: 24.400 ng

RT: 3.72 min Scan# 124

Delta R.T. -0.01 min

Lab File: BM022766.D

Acq: 25 Sep 2019 01:06

Instrument :

BNA_M

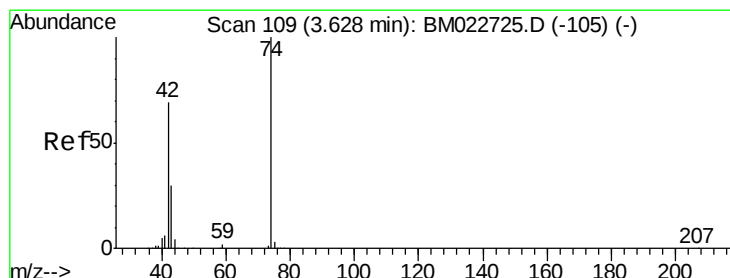
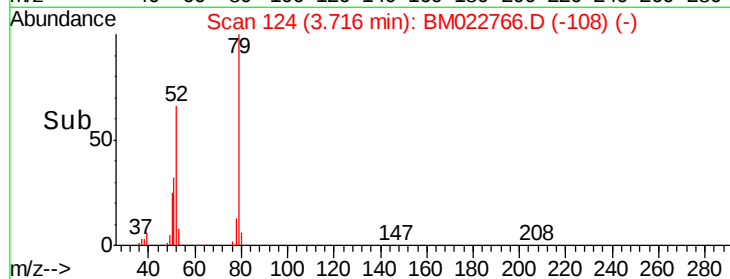
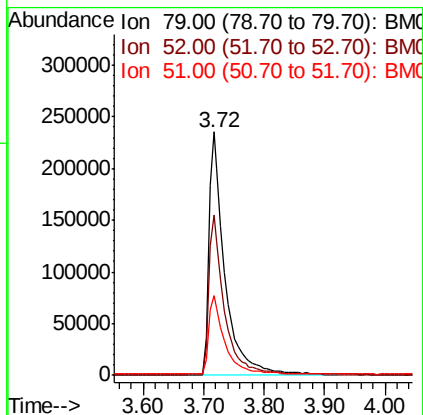
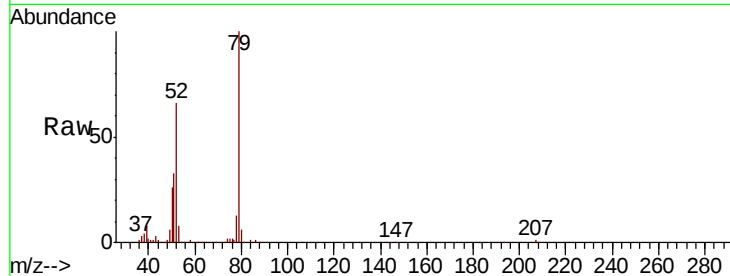
ClientSampleId :

SAND-STOCKPILE-1MSD

Tot Ion:	79	Resp:	428072
Ion	Ratio	Lower	Upper
79	100		
52	65.9	52.4	78.6
51	33.0	26.2	39.4

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#4

n-Nitrosodimethylamine

Concen: 32.822 ng

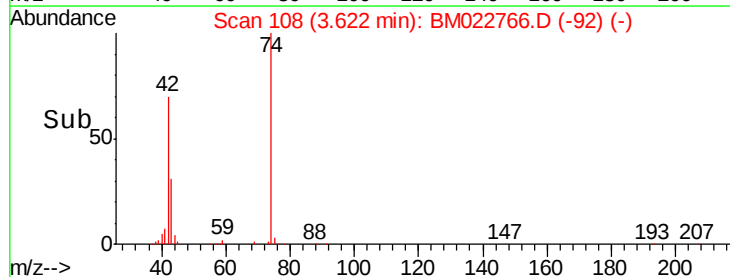
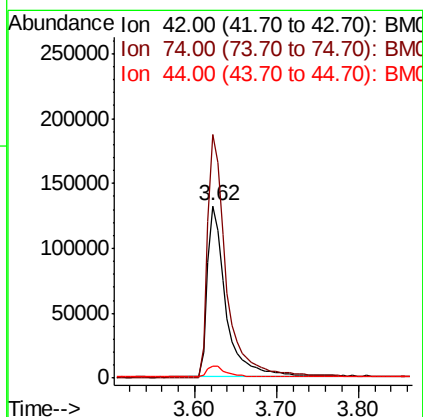
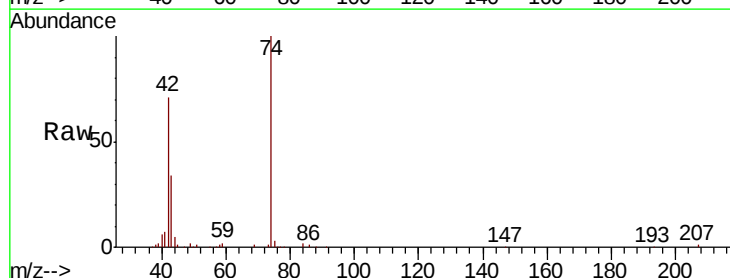
RT: 3.62 min Scan# 108

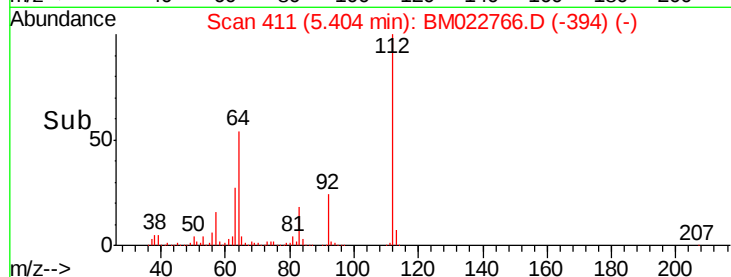
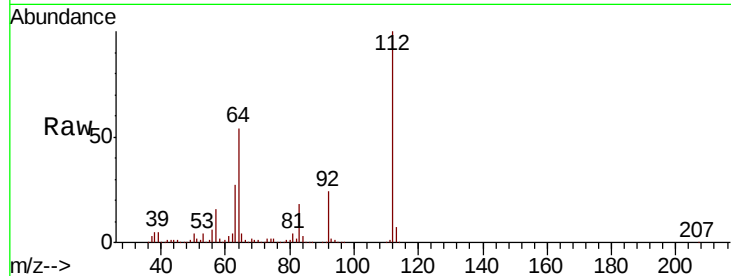
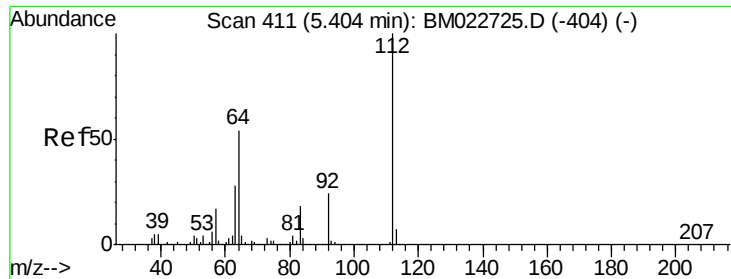
Delta R.T. -0.01 min

Lab File: BM022766.D

Acq: 25 Sep 2019 01:06

Tgt Ion:	42	Resp:	209626
Ion	Ratio	Lower	Upper
42	100		
74	141.2	116.6	175.0
44	7.0	8.2	12.4





#5

2-Fluorophenol

Concen: 96.560 ng

RT: 5.40 min Scan# 411

Delta R.T. -0.00 min

Lab File: BM022766.D

Acq: 25 Sep 2019 01:06

Instrument :

BNA_M

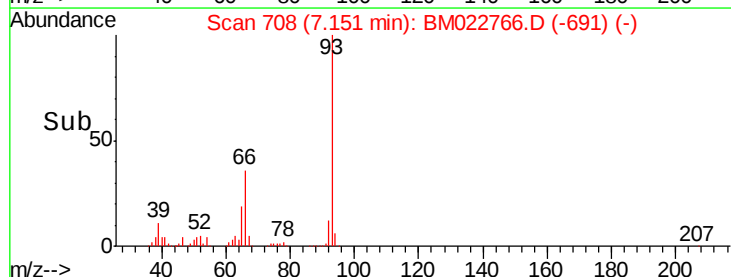
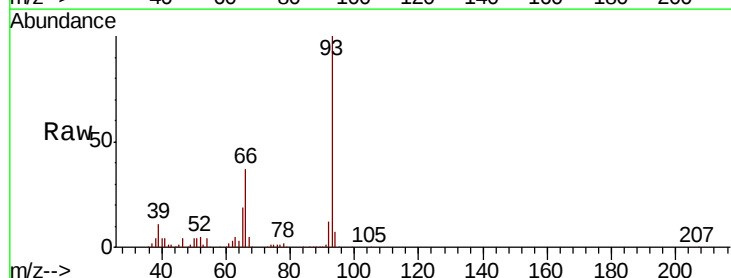
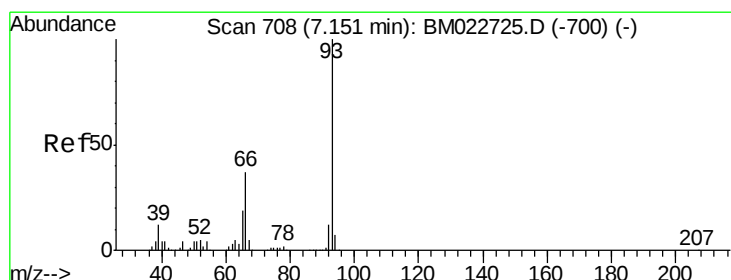
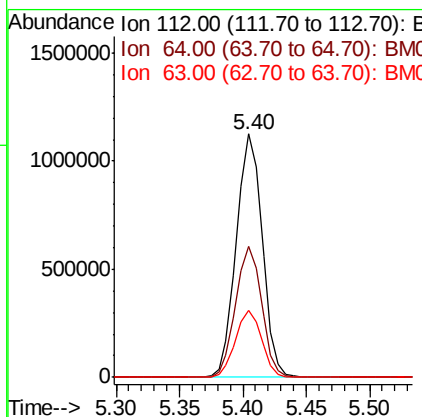
ClientSampleId :

SAND-STOCKPILE-1MSD

Tot Ion:	112	Resp:	1597242
Ion	Ratio	Lower	Upper
112	100		
64	53.6	43.4	65.2
63	27.4	22.1	33.1

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#6

Aniline

Concen: 25.589 ng

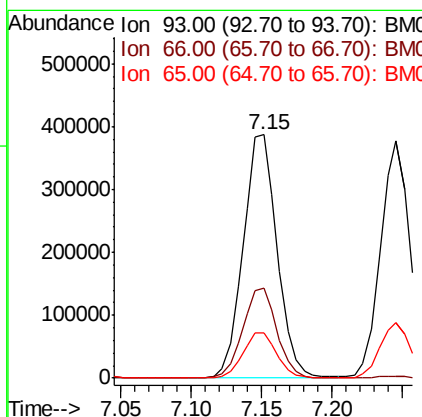
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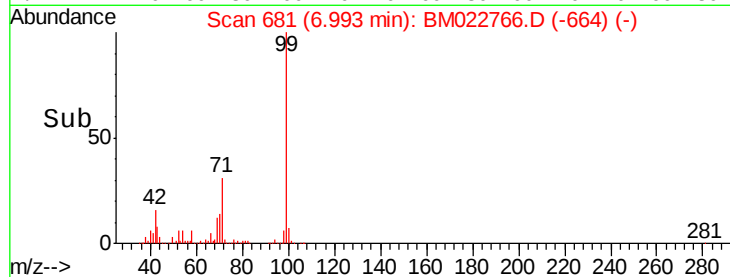
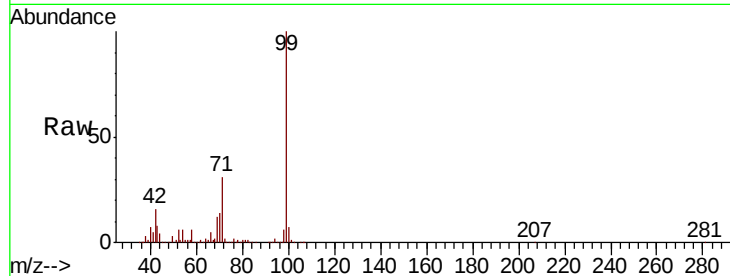
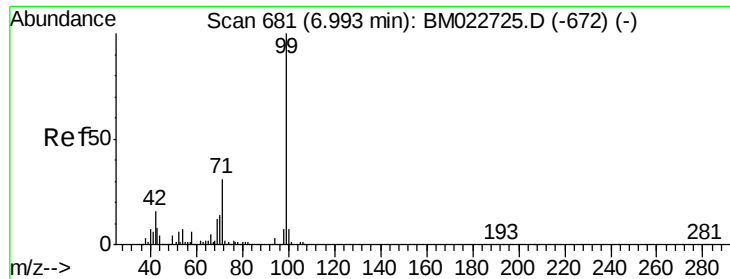
Delta R.T. -0.00 min

Lab File: BM022766.D

Acq: 25 Sep 2019 01:06

Tgt Ion:	93	Resp:	651888
Ion	Ratio	Lower	Upper
93	100		
66	36.7	29.3	43.9
65	18.8	15.3	22.9





#7

Phenol-d6

Concen: 101.486 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.00 min

Lab File: BM022766.D

Acq: 25 Sep 2019 01:06

Tot Ion: 99 Resp: 2156136

Ion Ratio Lower Upper

99 100

42 15.7 13.0 19.4

71 31.3 24.7 37.1

Instrument :

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ClientSampleId :

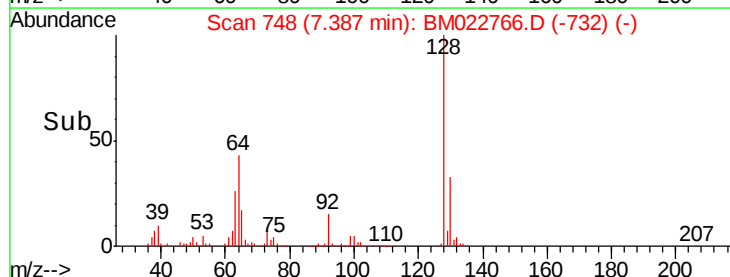
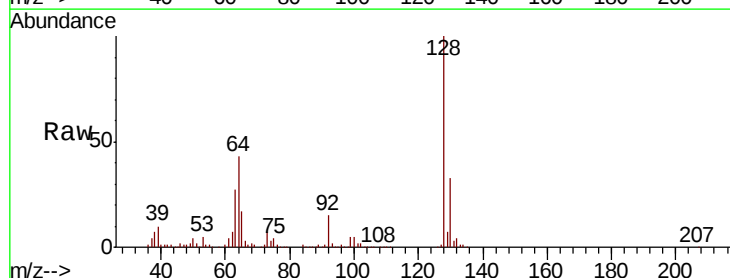
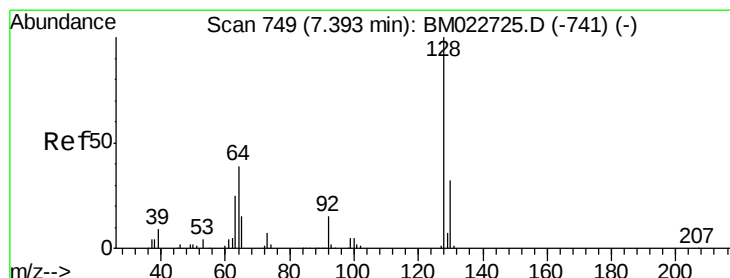
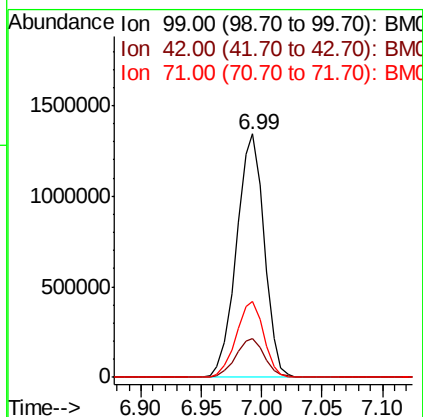
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#8

2-Chlorophenol

Concen: 36.898 ng

RT: 7.39 min Scan# 748

Delta R.T. -0.01 min

Lab File: BM022766.D

Acq: 25 Sep 2019 01:06

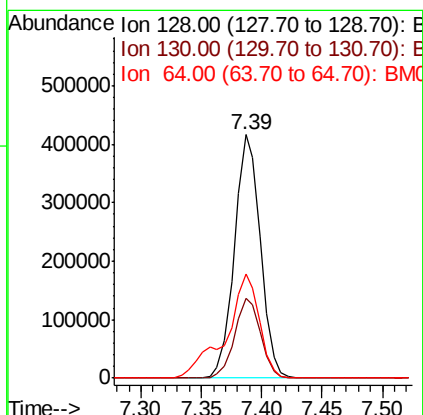
Tgt Ion: 128 Resp: 621863

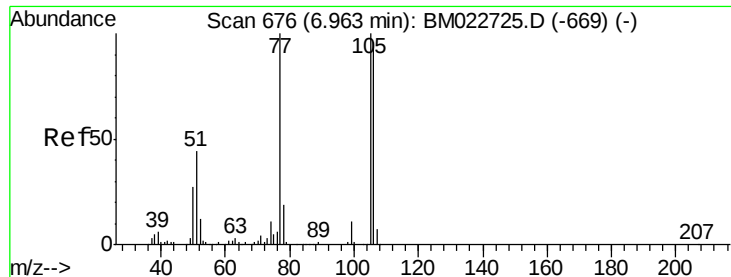
Ion Ratio Lower Upper

128 100

130 32.7 12.1 52.1

64 42.6 22.9 62.9





#9

Benzaldehyde

Concen: 32.778 ng

RT: 6.96 min Scan# 675

Delta R.T. -0.01 min

Lab File: BM022766.D

Acq: 25 Sep 2019 01:06

Instrument :

BNA_M

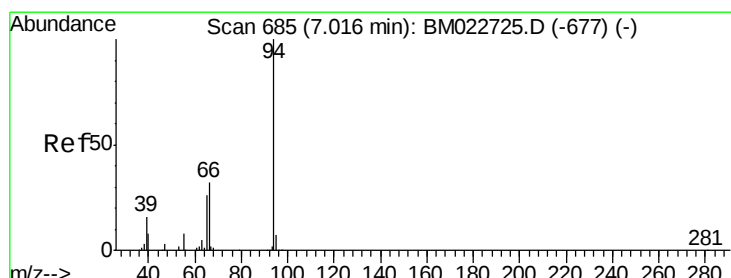
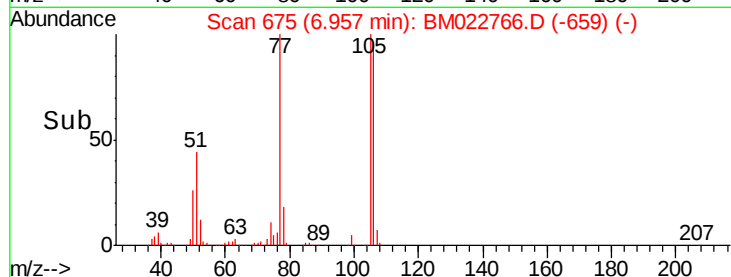
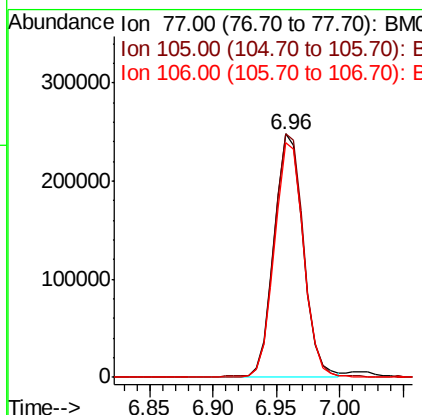
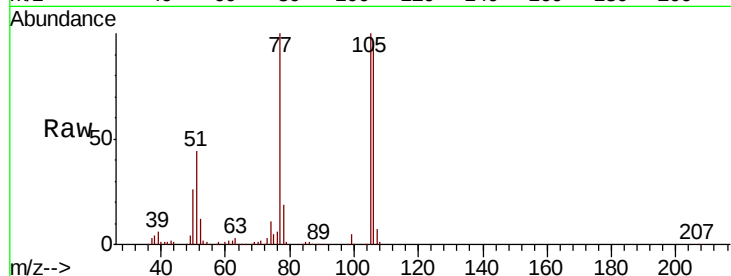
ClientSampleId :

SAND-STOCKPILE-1MSD

Tot Ion:	77	Resp:	396522
Ion	Ratio	Lower	Upper
77	100		
105	100.1	79.6	119.6
106	96.4	76.3	116.3

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#10

Phenol

Concen: 38.113 ng

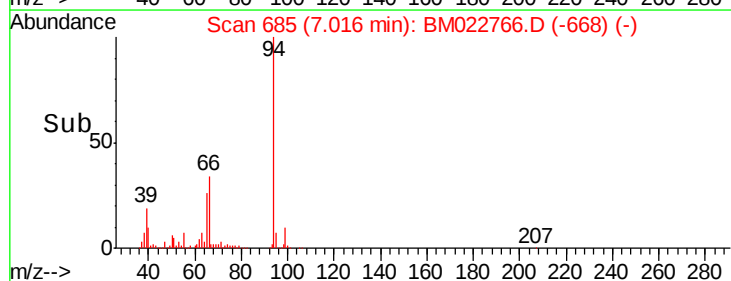
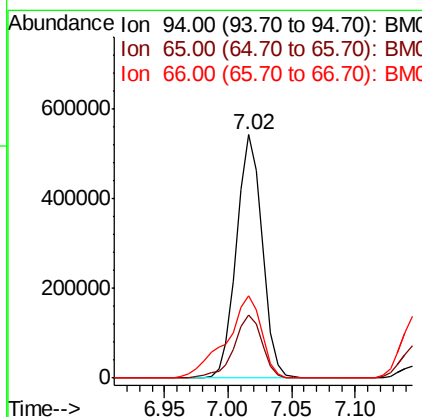
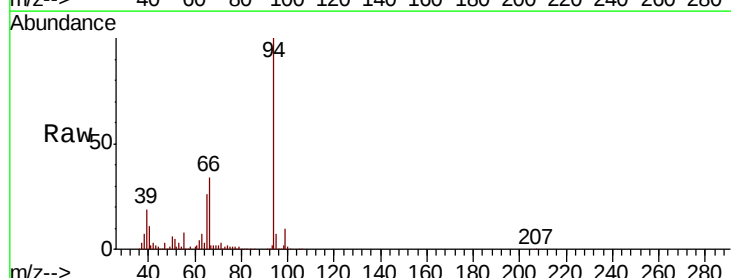
RT: 7.02 min Scan# 685

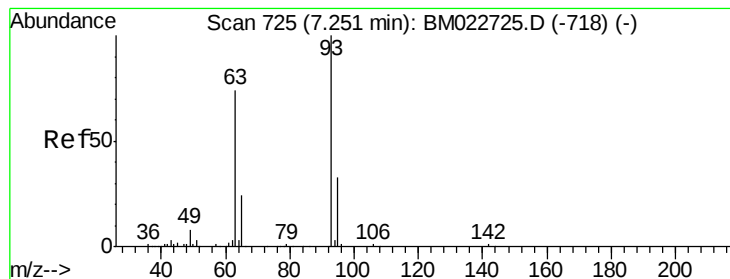
Delta R.T. -0.00 min

Lab File: BM022766.D

Acq: 25 Sep 2019 01:06

Tgt Ion:	94	Resp:	762330
Ion	Ratio	Lower	Upper
94	100		
65	26.2	6.7	46.7
66	34.1	13.8	53.8





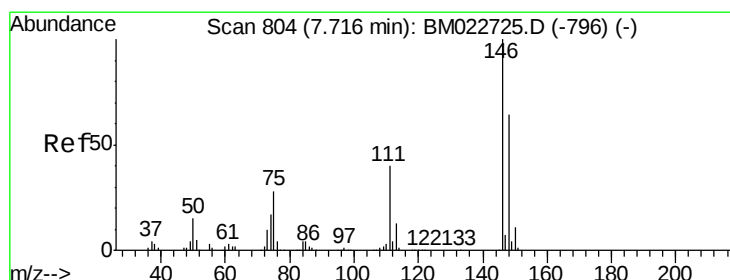
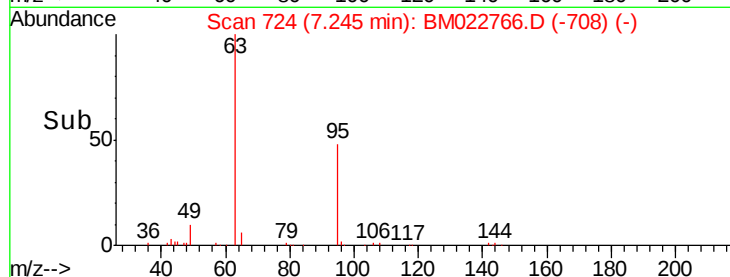
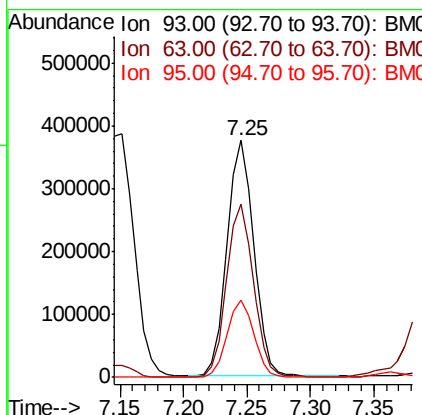
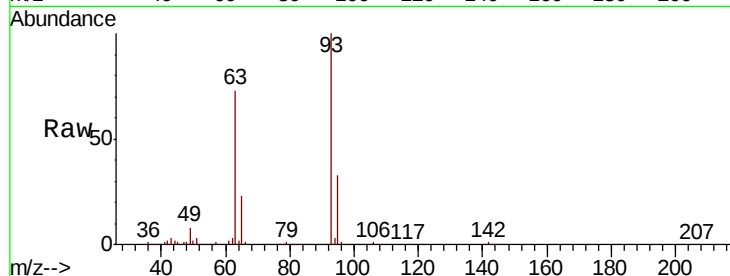
#11
bis(2-Chloroethyl)ether
Concen: 34.855 ng
RT: 7.25 min Scan# 724
Delta R.T. -0.01 min
Lab File: BM022766.D
Acq: 25 Sep 2019 01:06

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	547735		
63	73.0		53.8	93.8
95	32.6		12.7	52.7

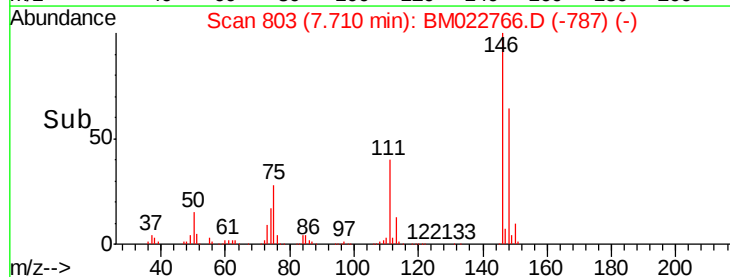
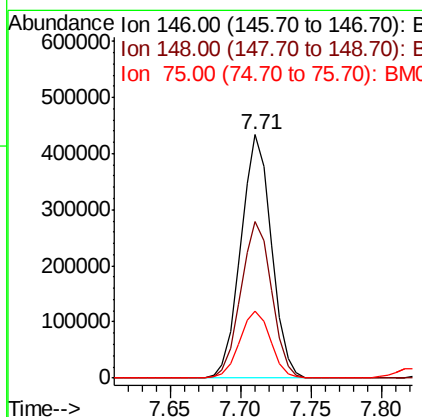
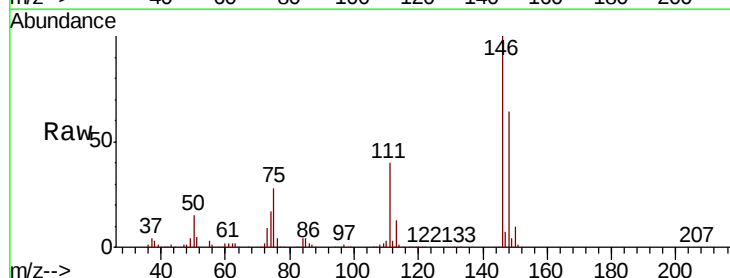
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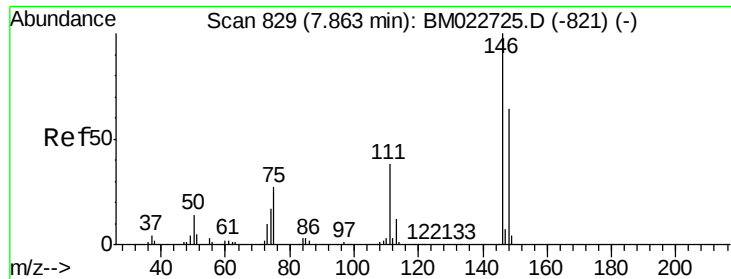
mohammad
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#12
1,3-Dichlorobenzene
Concen: 32.648 ng
RT: 7.71 min Scan# 803
Delta R.T. -0.01 min
Lab File: BM022766.D
Acq: 25 Sep 2019 01:06

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	657629		
148	64.3		51.3	76.9
75	27.7		22.5	33.7





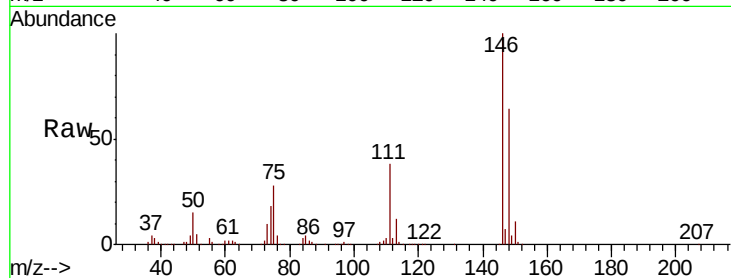
#13
 1,4-Dichlorobenzene
 Concen: 33.044 ng
 RT: 7.86 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BM022766.D
 Acq: 25 Sep 2019 01:06

Instrument :
 BNA_M
 ClientSampleId :
 SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.4	77.0
111	38.0	30.9	46.3

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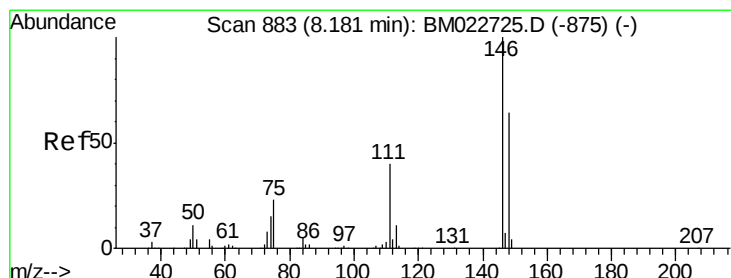
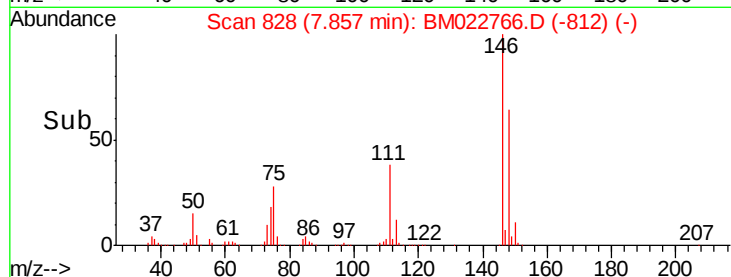
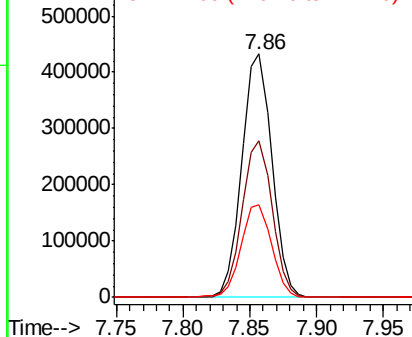


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 33.051 ng
 RT: 8.17 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BM022766.D
 Acq: 25 Sep 2019 01:06

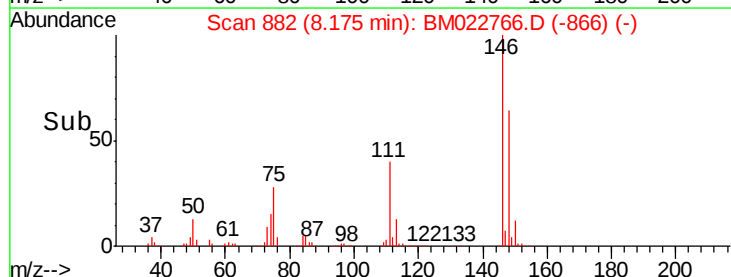
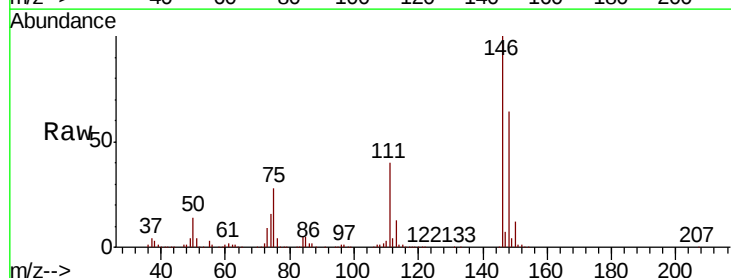
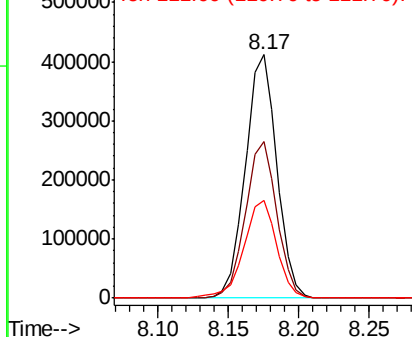
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.3	76.9
111	40.1	32.3	48.5

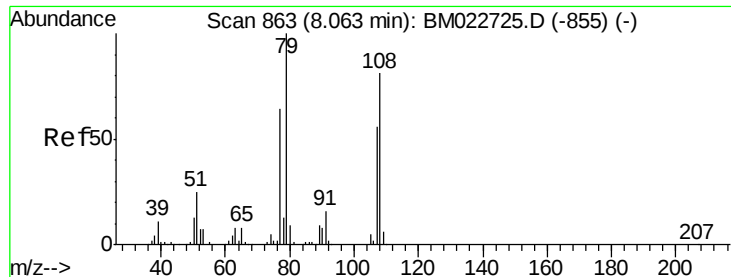
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.904 ng

RT: 8.06 min Scan# 862

Delta R.T. -0.01 min

Lab File: BM022766.D

Acq: 25 Sep 2019 01:06

Instrument :

BNA_M

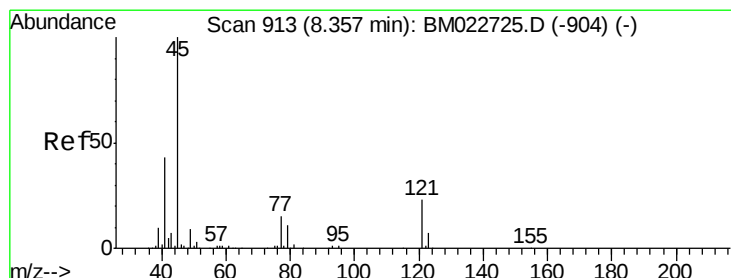
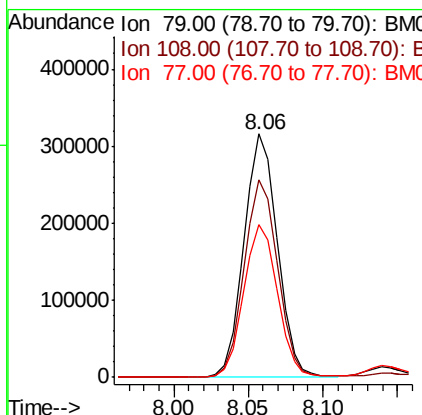
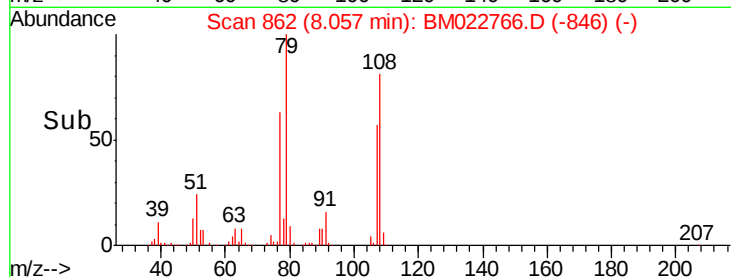
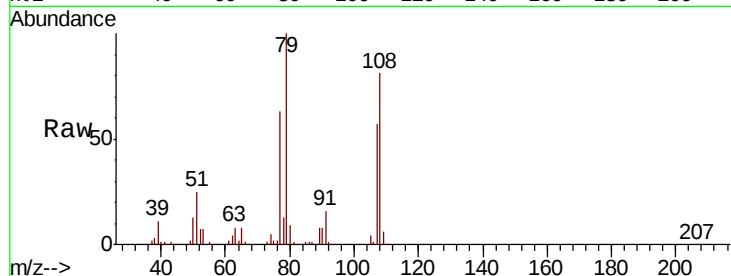
ClientSampleId :

SAND-STOCKPILE-1MSD

Tot Ion:	79	Resp:	490602
Ion Ratio	Lower	Upper	
79	100		
108	81.3	64.9	97.3
77	62.9	51.1	76.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.047 ng

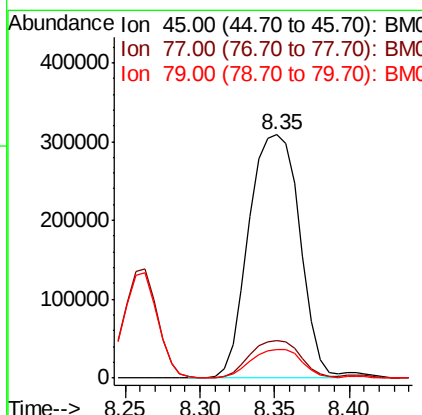
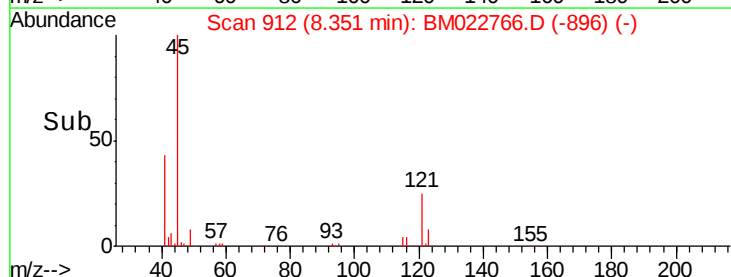
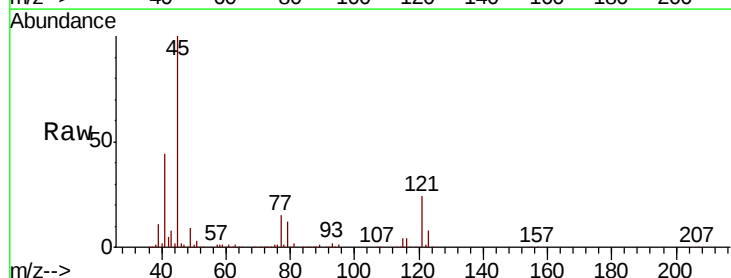
RT: 8.35 min Scan# 912

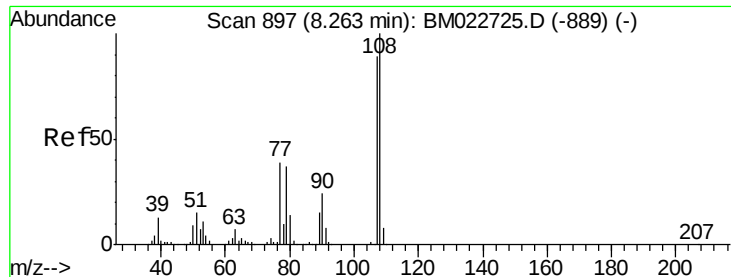
Delta R.T. -0.01 min

Lab File: BM022766.D

Acq: 25 Sep 2019 01:06

Tgt Ion:	45	Resp:	731566
Ion Ratio	Lower	Upper	
45	100		
77	15.3	0.0	35.1
79	11.7	0.0	31.4





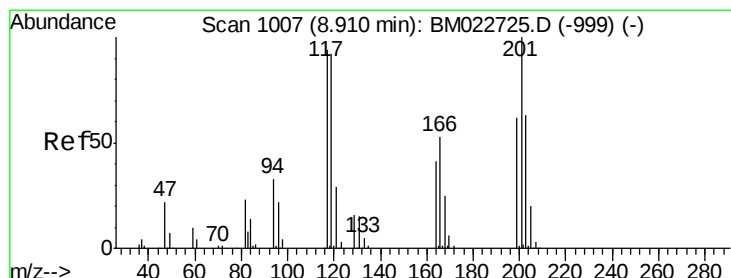
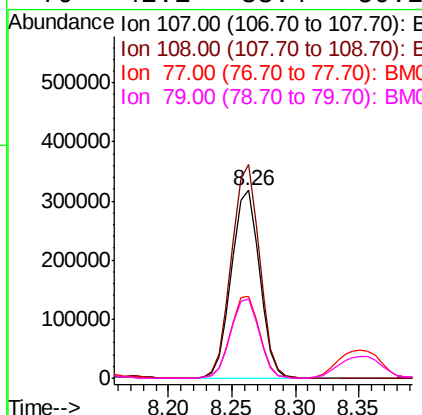
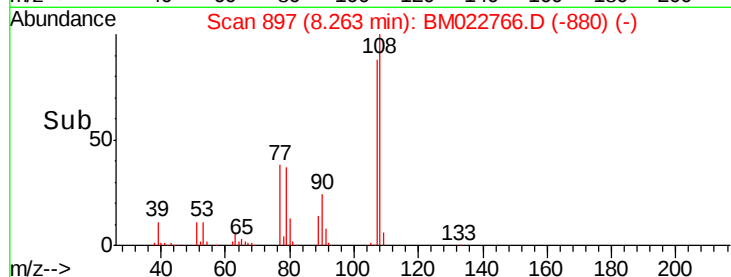
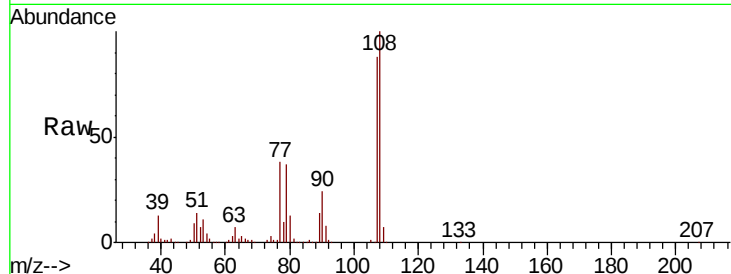
#17
2-Methylphenol
Concen: 37.015 ng
RT: 8.26 min Scan# 897
Delta R.T. -0.00 min
Lab File: BM022766.D
Acq: 25 Sep 2019 01:06

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.6	90.0	135.0	
77	43.5	35.2	52.8	
79	42.1	33.4	50.2	

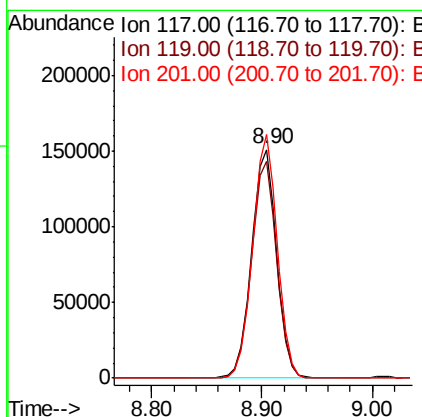
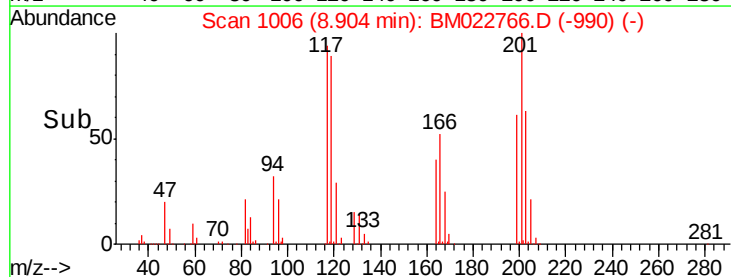
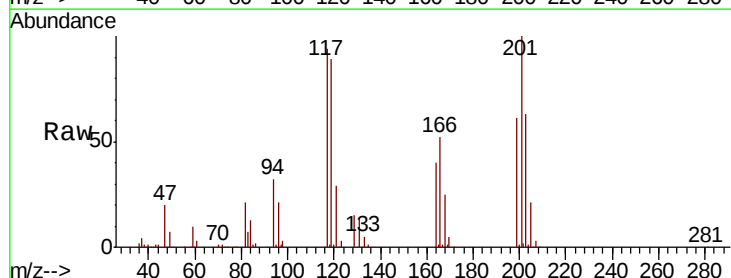
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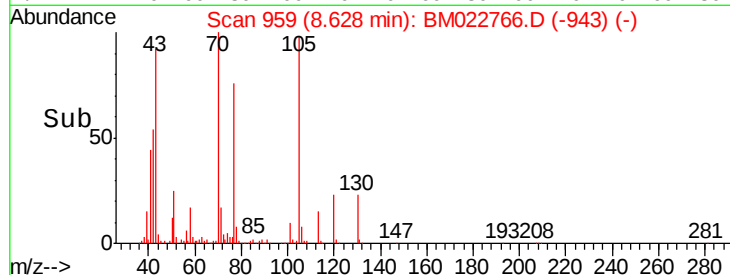
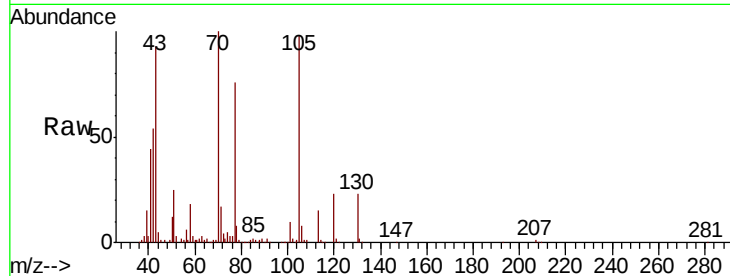
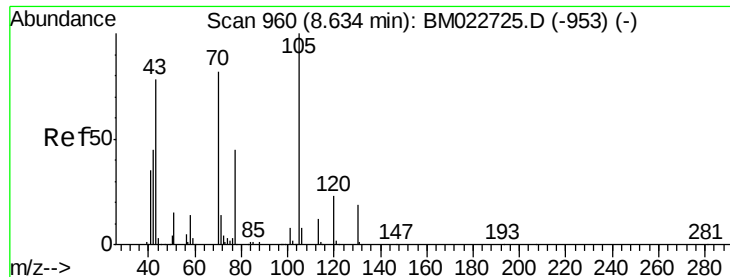
mohammad
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#18
Hexachloroethane
Concen: 32.208 ng
RT: 8.90 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BM022766.D
Acq: 25 Sep 2019 01:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.9	78.0	117.0	
201	106.6	85.0	127.6	





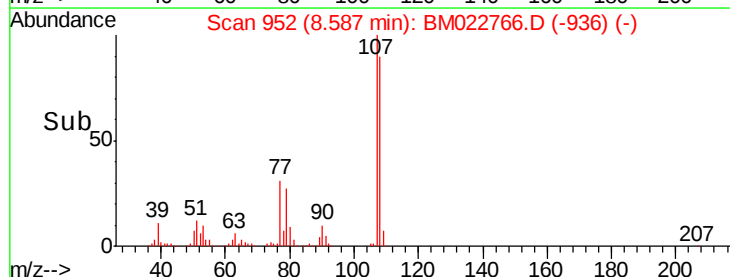
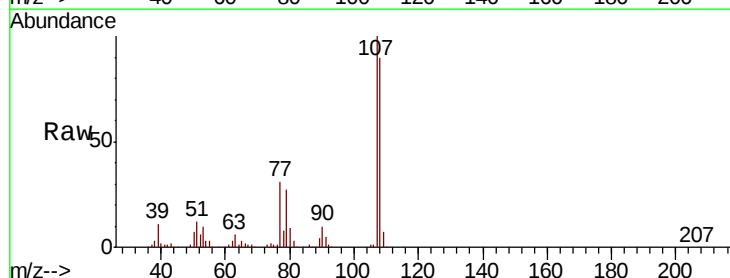
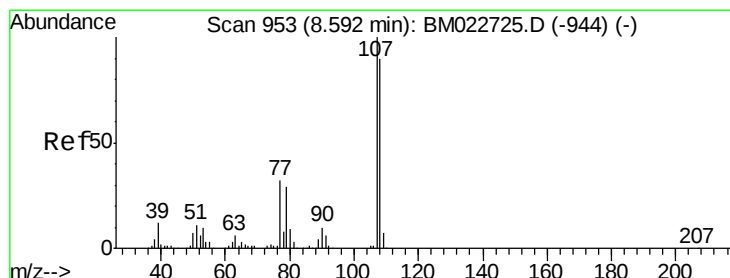
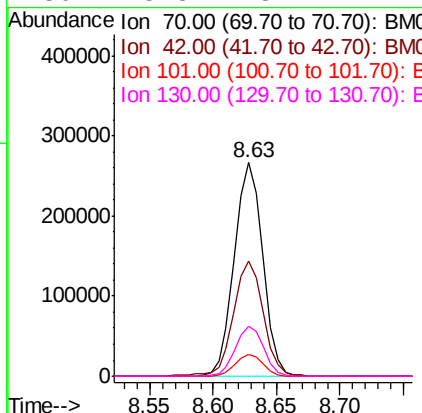
#19
n-Nitroso-di-n-propylamine
Concen: 34.861 ng
RT: 8.63 min Scan# 959
Delta R.T. -0.01 min
Lab File: BM022766.D
Acq: 25 Sep 2019 01:06

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		413597		
42	54.2	44.4	66.6		
101	10.5	7.8	11.6		
130	23.3	18.2	27.4		

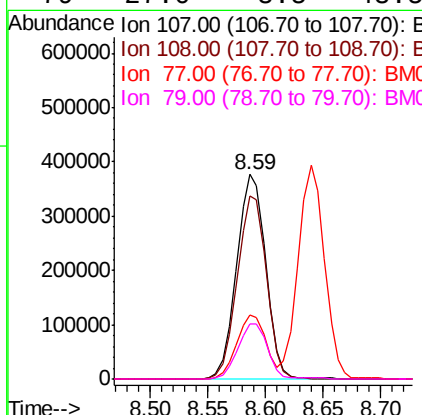
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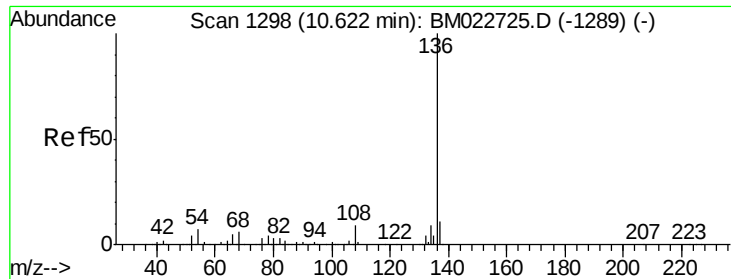
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#20
3+4-Methylphenols
Concen: 37.285 ng
RT: 8.59 min Scan# 952
Delta R.T. -0.01 min
Lab File: BM022766.D
Acq: 25 Sep 2019 01:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		657487		
108	89.6	70.1	110.1		
77	31.3	12.1	52.1		
79	27.0	8.5	48.5		





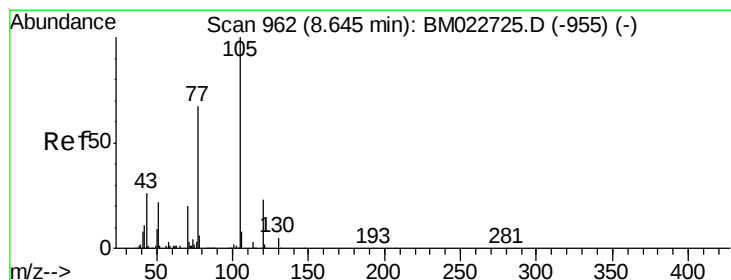
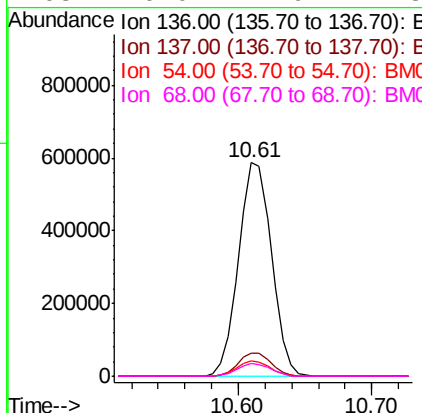
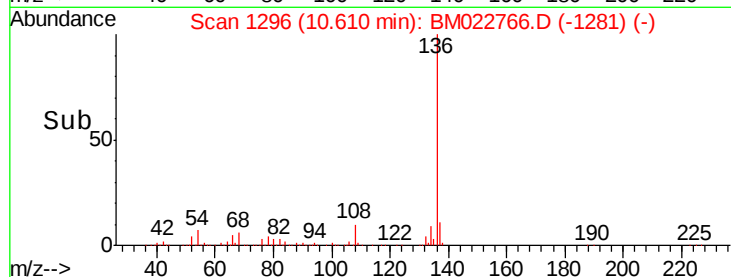
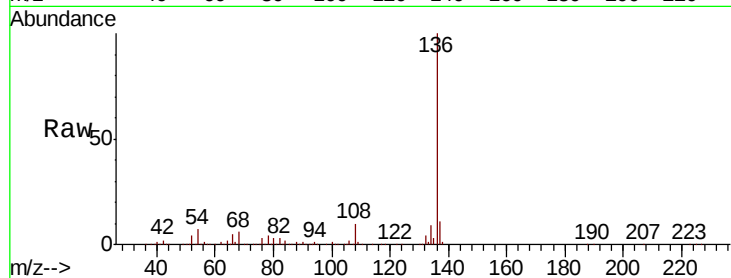
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BM022766.D
Acq: 25 Sep 2019 01:06

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion	136	Resp	1003780
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	7.5	6.0	9.0
68	6.0	4.9	7.3

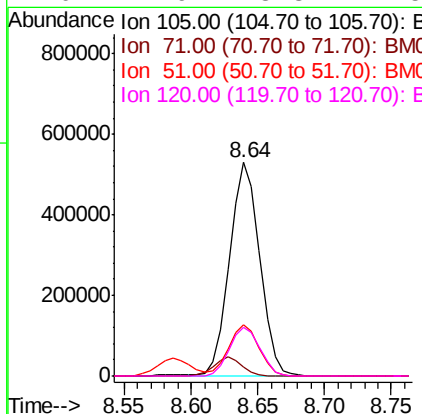
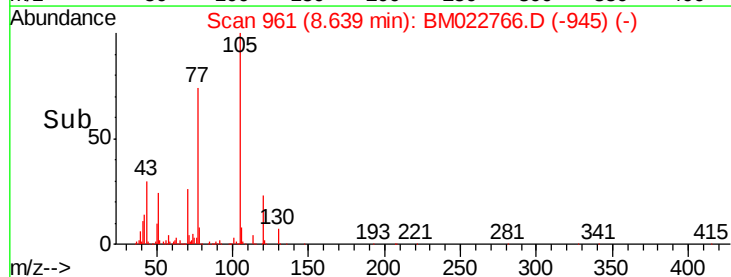
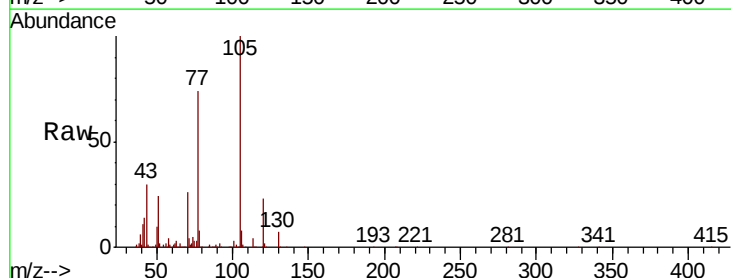
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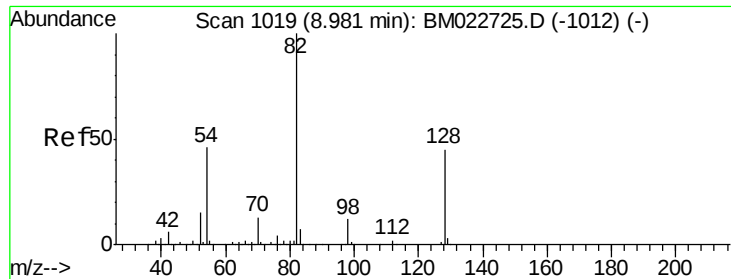
mohammad
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#22
Acetophenone
Concen: 33.669 ng
RT: 8.64 min Scan# 961
Delta R.T. -0.01 min
Lab File: BM022766.D
Acq: 25 Sep 2019 01:06

Tgt Ion	105	Resp	834220
Ion	Ratio	Lower	Upper
105	100		
71	4.3	2.7	4.1#
51	24.0	19.9	29.9
120	22.9	18.3	27.5





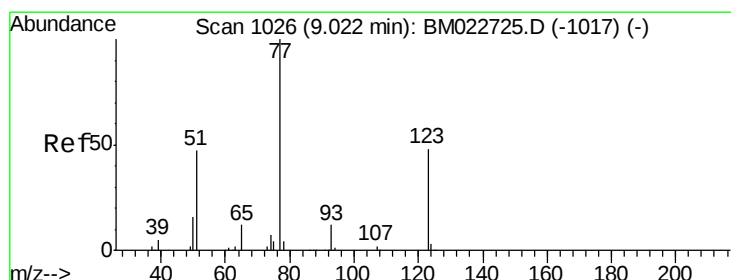
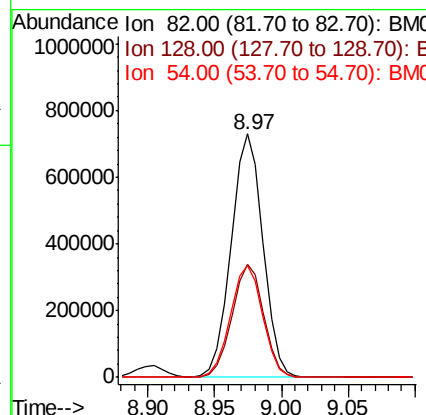
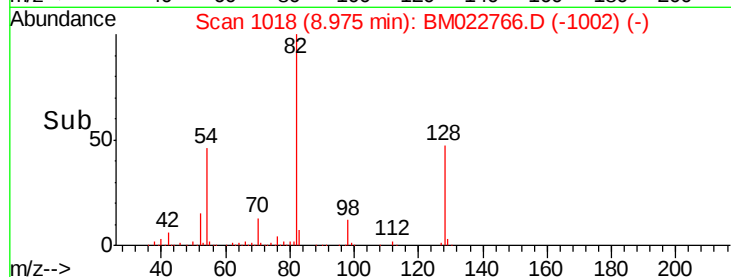
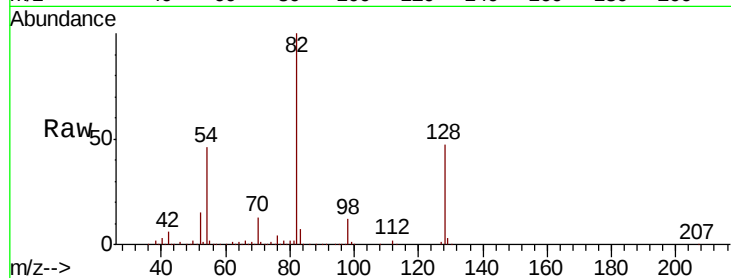
#23
Nitrobenzene-d5
Concen: 66.941 ng
RT: 8.97 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BM022766.D
Acq: 25 Sep 2019 01:06

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.0	54.0
54	45.7	37.1	55.7

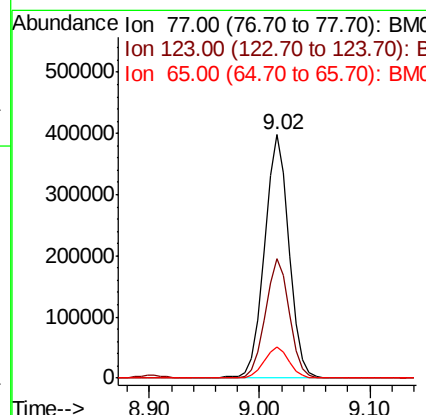
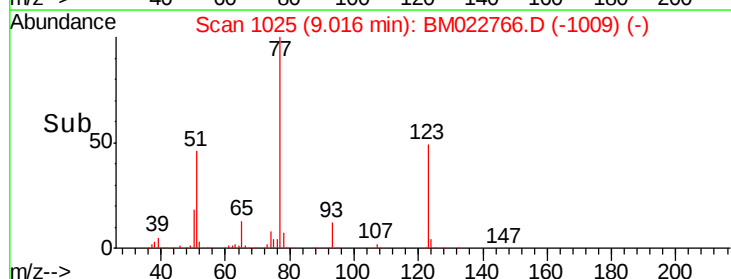
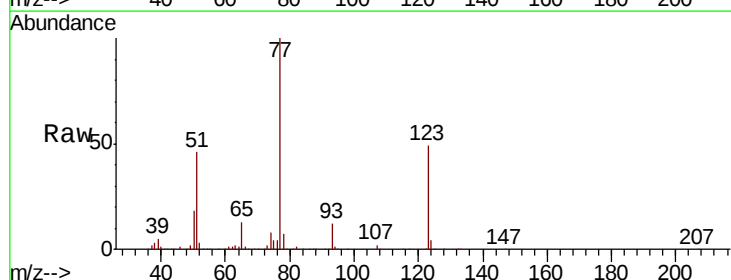
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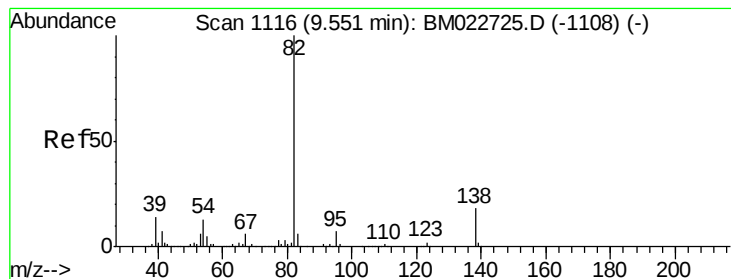
mohammad
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#24
Nitrobenzene
Concen: 35.599 ng
RT: 9.02 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BM022766.D
Acq: 25 Sep 2019 01:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.0	38.0	57.0
65	13.0	10.0	15.0





#25

Isophorone

Concen: 37.540 ng

RT: 9.55 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BM022766.D

Acq: 25 Sep 2019 01:06

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MSD

Tot Ion: 82 Resp: 1116157

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.0

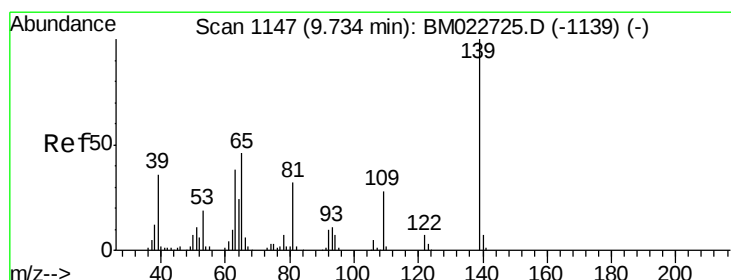
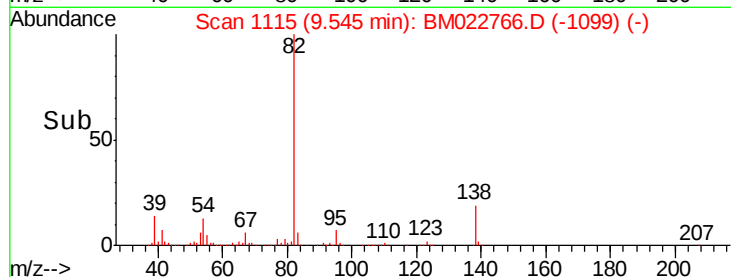
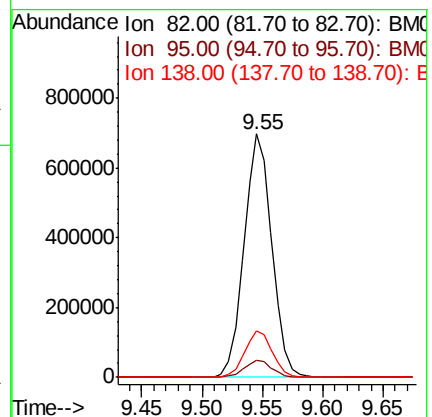
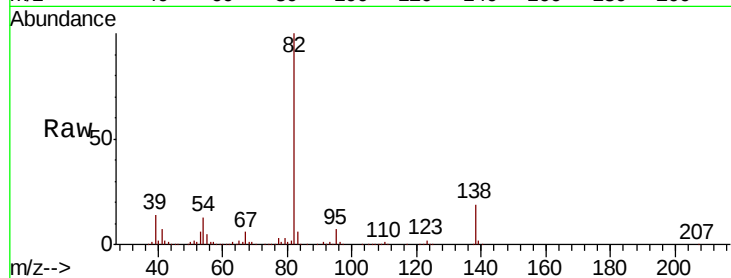
138 18.9 14.7 22.1

Manual Integrations

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#26

2-Nitrophenol

Concen: 41.635 ng

RT: 9.73 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BM022766.D

Acq: 25 Sep 2019 01:06

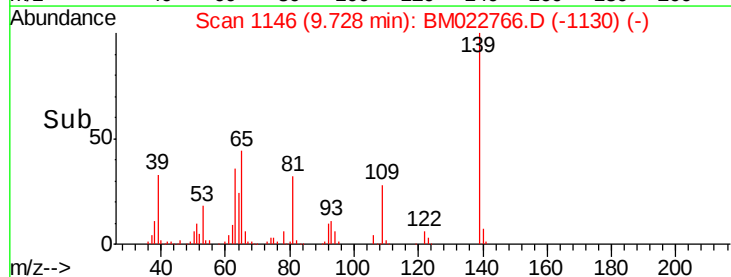
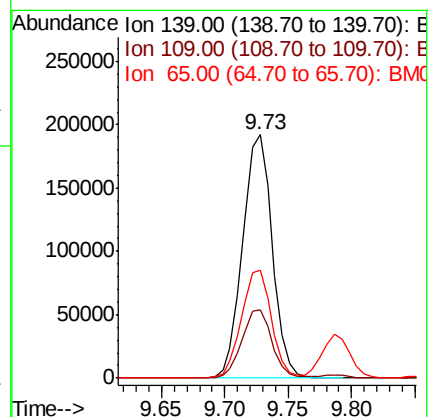
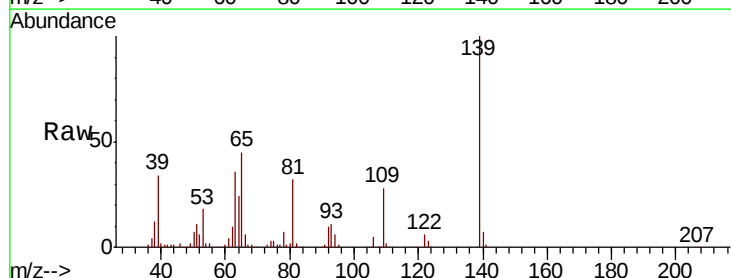
Tgt Ion: 139 Resp: 310971

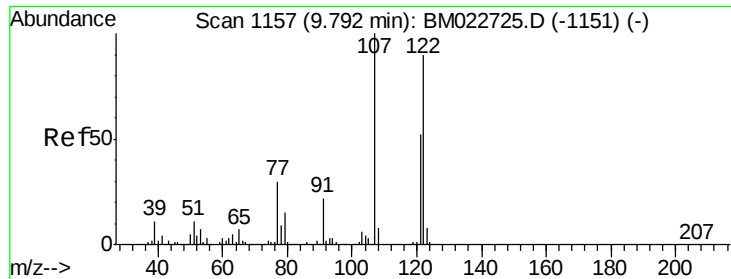
Ion Ratio Lower Upper

139 100

109 28.0 22.6 33.8

65 44.6 37.0 55.4





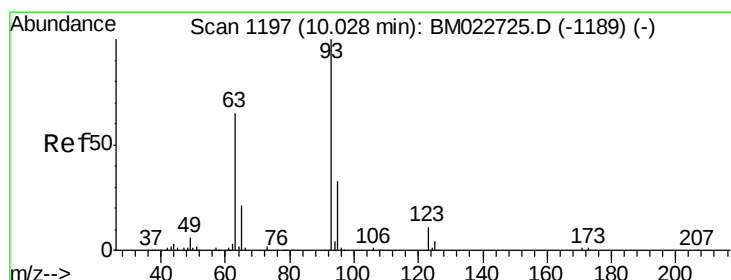
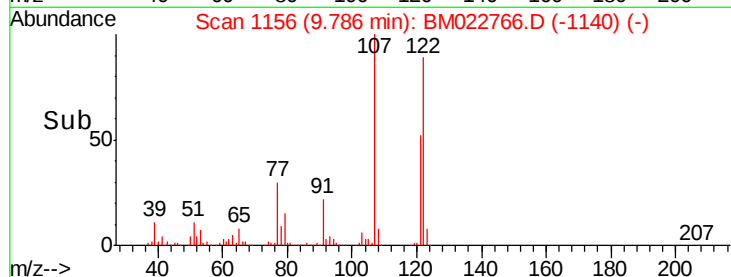
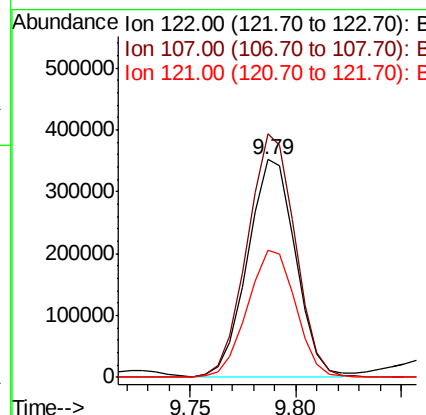
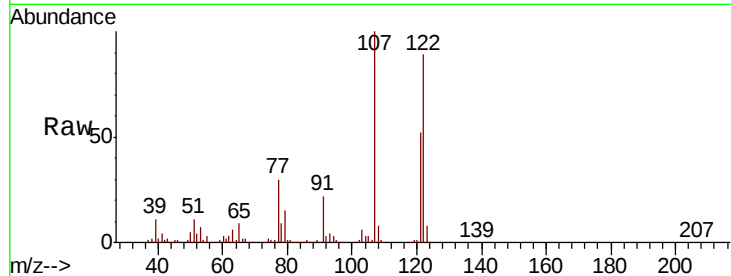
#27
2,4-Dimethylphenol
Concen: 44.221 ng
RT: 9.79 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BM022766.D
Acq: 25 Sep 2019 01:06

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.8	88.9	133.3
121	58.3	46.5	69.7

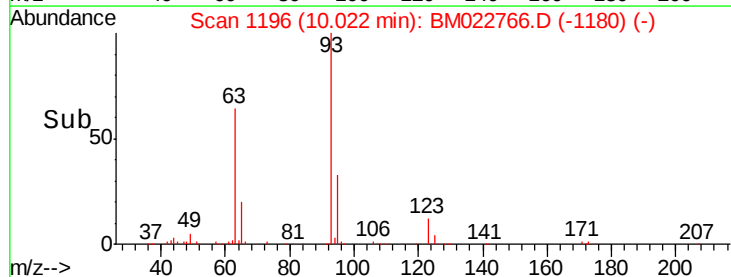
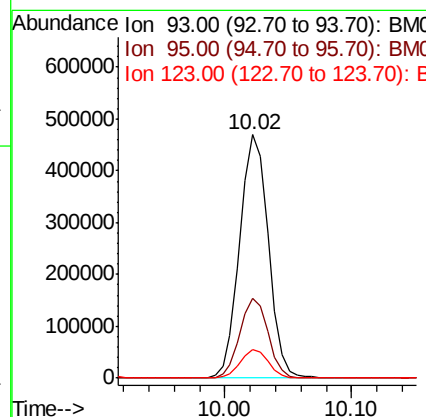
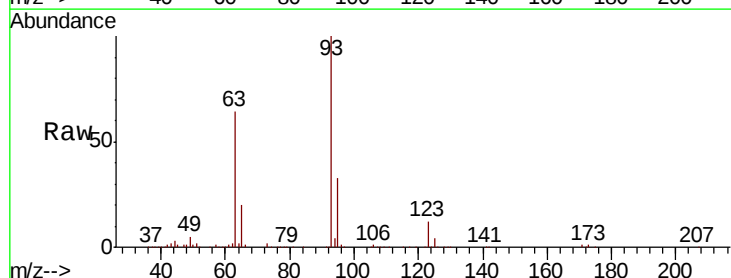
Manual Integrations
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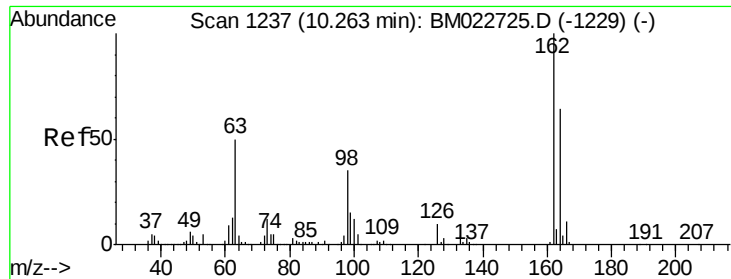
mohammad
9/26/2019 8:25:49 AM



#28
bis(2-Chloroethoxy)methane
Concen: 35.714 ng
RT: 10.02 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BM022766.D
Acq: 25 Sep 2019 01:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.0	39.0
123	11.9	9.0	13.6





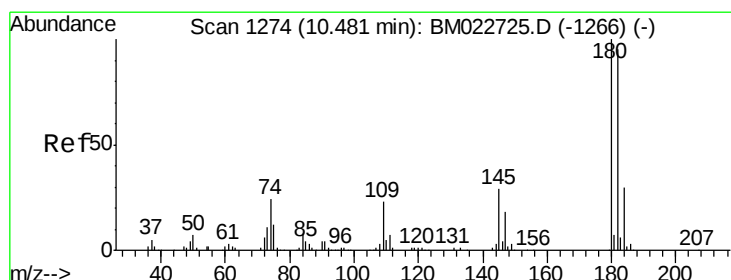
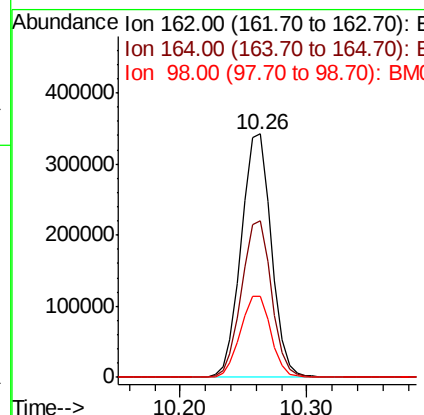
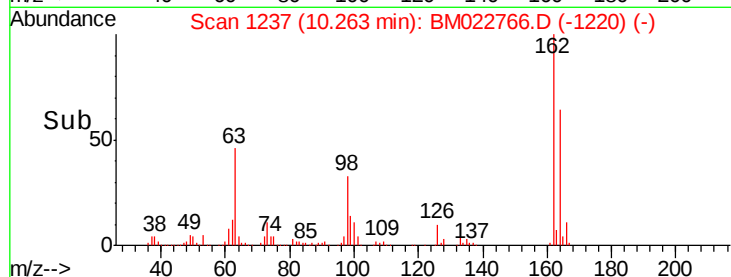
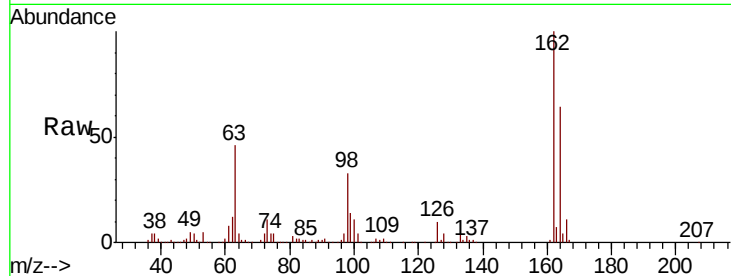
#29
 2,4-Dichlorophenol
 Concen: 39.828 ng
 RT: 10.26 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: BM022766.D
 Acq: 25 Sep 2019 01:06

Instrument :
 BNA_M
 ClientSampleId :
 SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.3	44.4	84.4
98	33.3	14.8	54.8

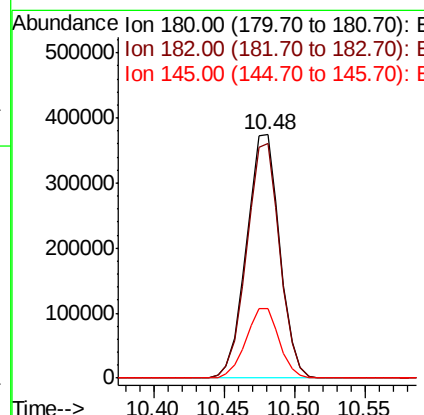
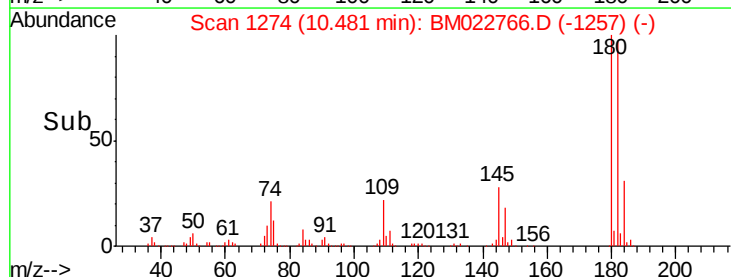
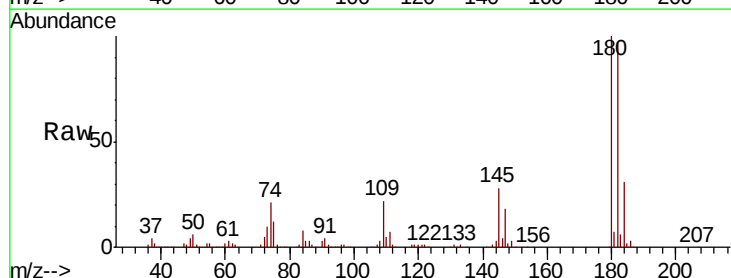
Manual Integrations
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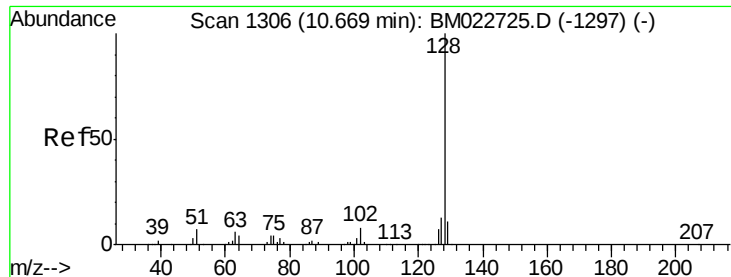
mohammad
 9/26/2019 8:25:49 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 35.476 ng
 RT: 10.48 min Scan# 1274
 Delta R.T. -0.00 min
 Lab File: BM022766.D
 Acq: 25 Sep 2019 01:06

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.6	76.2	114.2
145	28.4	23.0	34.4





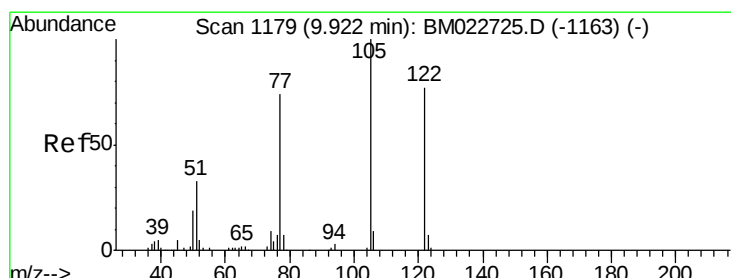
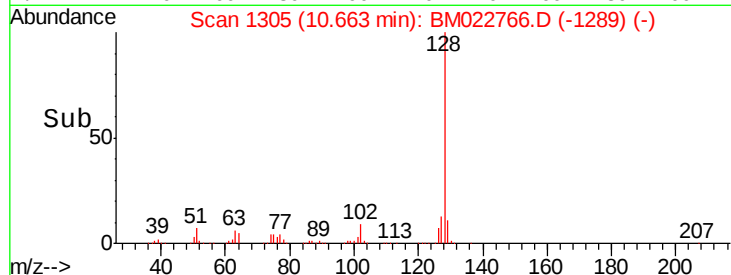
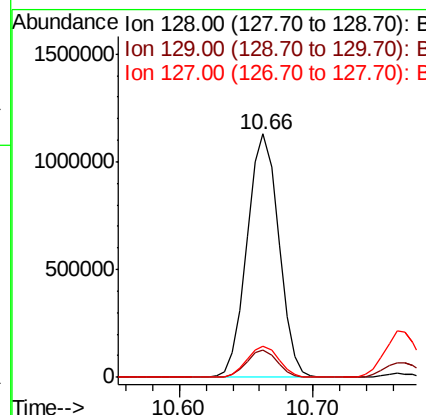
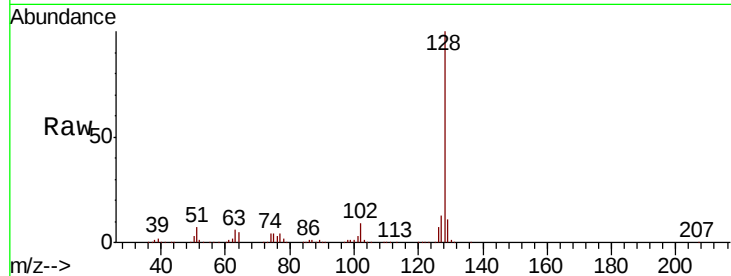
#31
Naphthalene
Concen: 37.334 ng
RT: 10.66 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BM022766.D
Acq: 25 Sep 2019 01:06

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	12.8	10.2	15.4

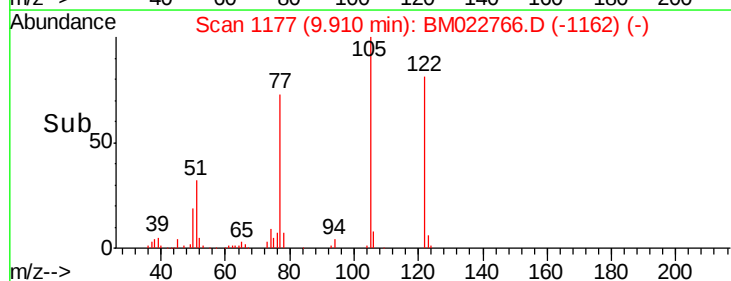
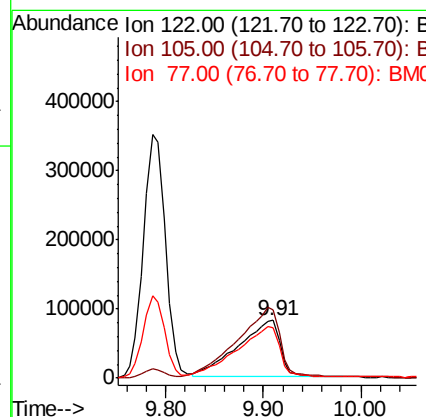
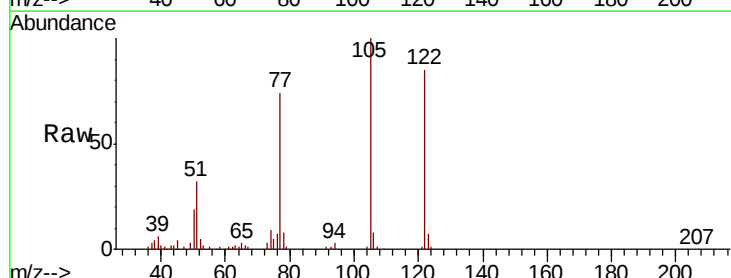
Manual Integrations
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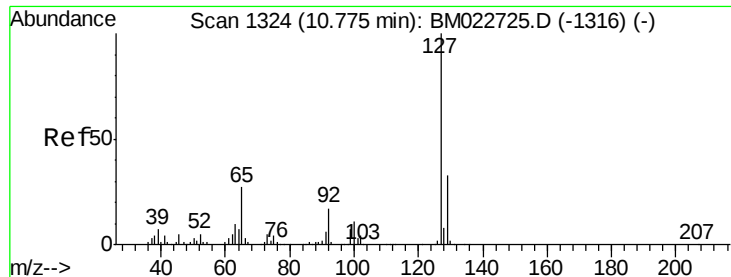
mohammad
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#32
Benzoic acid
Concen: 30.471 ng
RT: 9.91 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BM022766.D
Acq: 25 Sep 2019 01:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.3	105.3	145.3
77	88.1	74.7	114.7





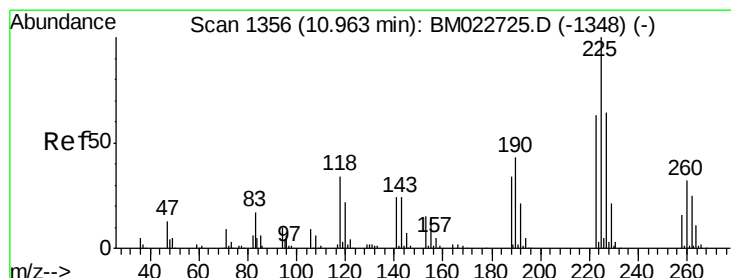
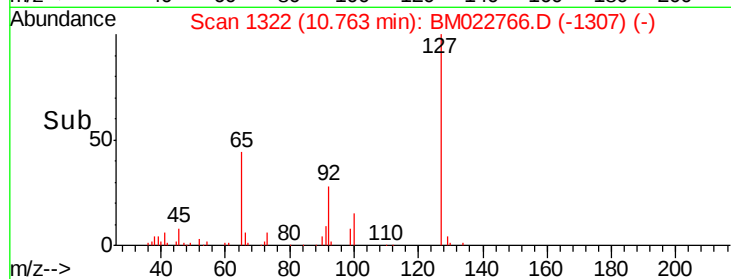
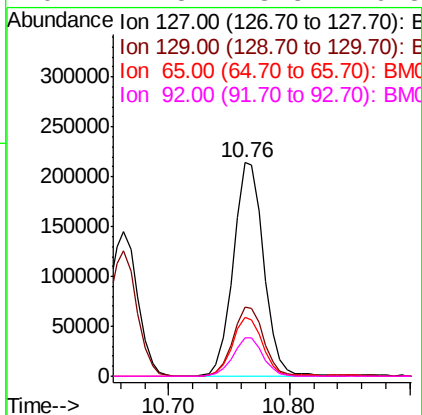
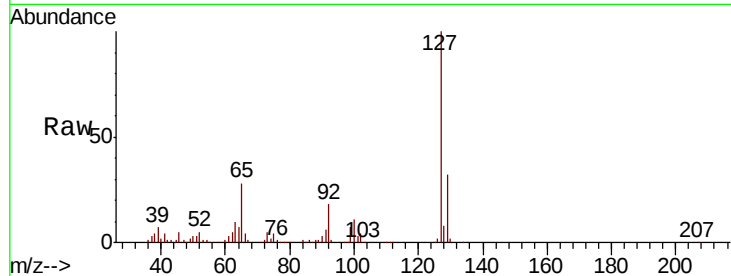
#33
4-Chloroaniline
Concen: 17.521 ng
RT: 10.76 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BM022766.D
Acq: 25 Sep 2019 01:06

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.1	26.1	39.1	
65	27.5	22.0	33.0	
92	17.8	13.8	20.8	

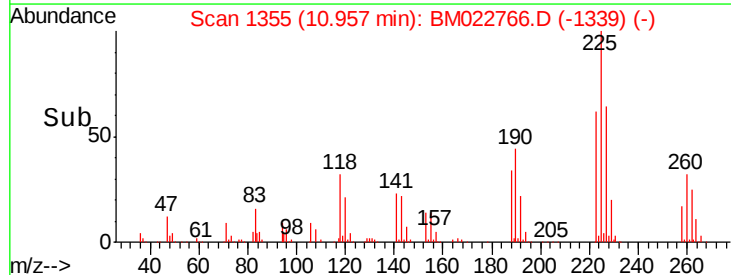
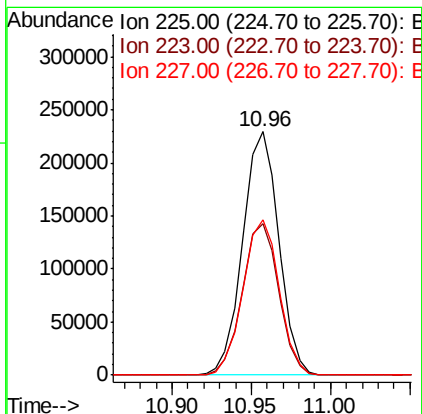
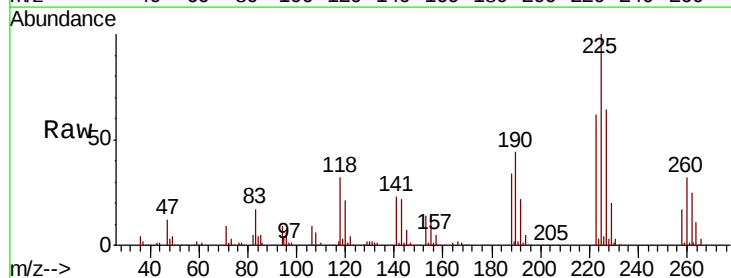
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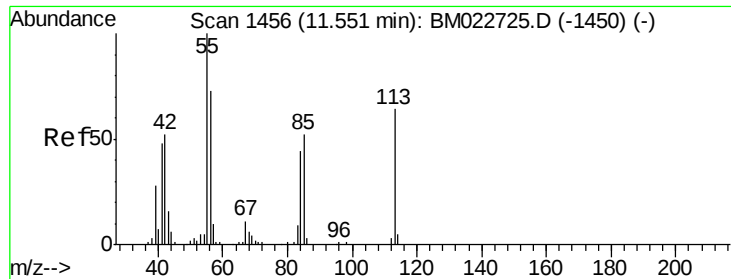
mohammad
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#34
Hexachlorobutadiene
Concen: 35.024 ng
RT: 10.96 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BM022766.D
Acq: 25 Sep 2019 01:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.1	50.2	75.4	
227	64.0	51.0	76.4	





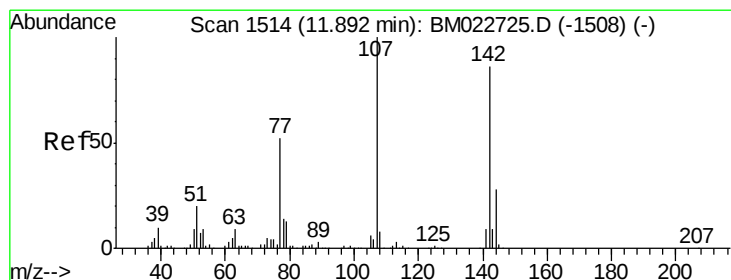
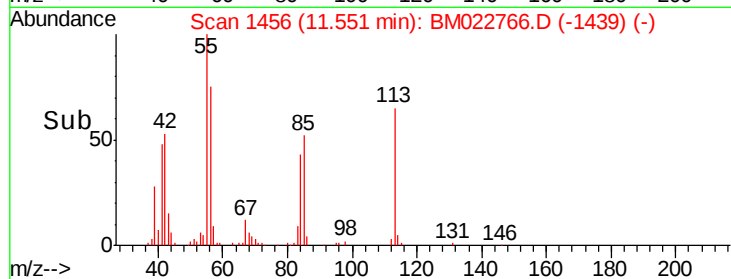
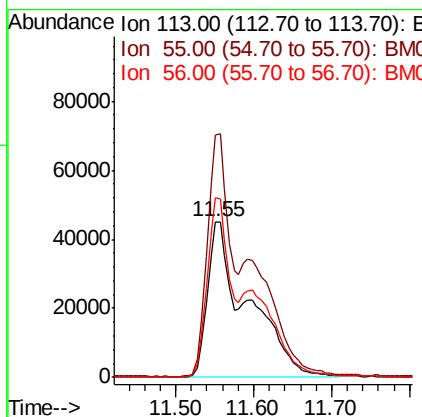
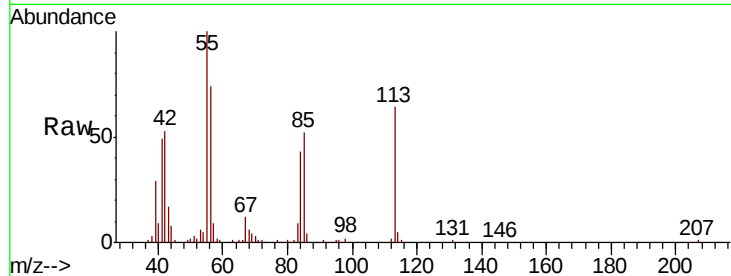
#35
 Caprolactam
 Concen: 38.413 ng/ml
 RT: 11.55 min Scan# 1456
 Delta R.T. -0.00 min
 Lab File: BM022766.D
 Acq: 25 Sep 2019 01:06

Instrument :
 BNA_M
 ClientSampleId :
 SAND-STOCKPILE-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		160990		
55	155.2		136.8	176.8	
56	115.5		95.2	135.2	

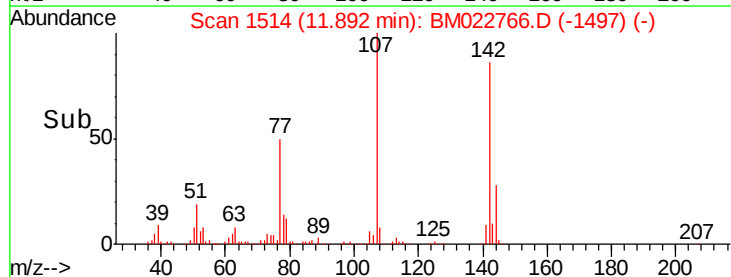
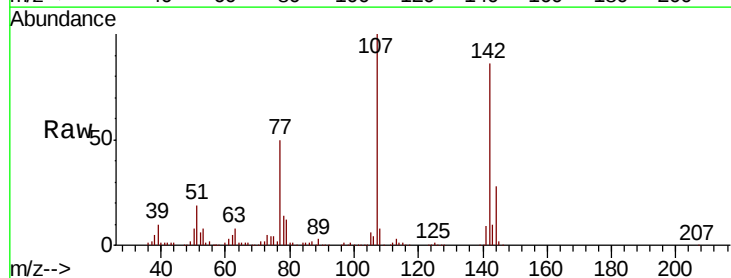
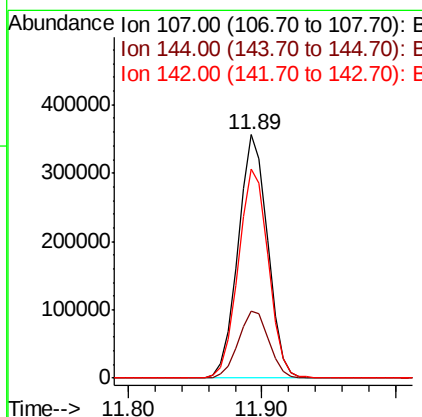
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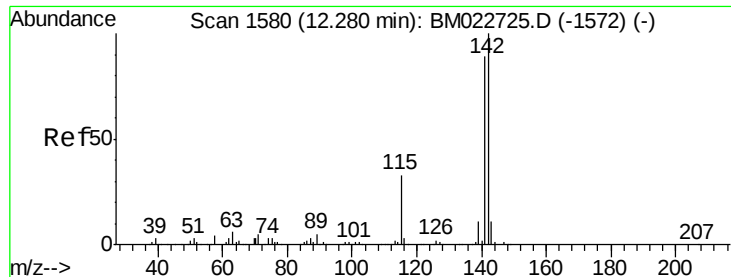
mohammad
 9/26/2019 8:25:49 AM



#36
 4-Chloro-3-methylphenol
 Concen: 39.606 ng/ml
 RT: 11.89 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: BM022766.D
 Acq: 25 Sep 2019 01:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		546263		
144	27.7		22.4	33.6	
142	85.7		68.2	102.4	





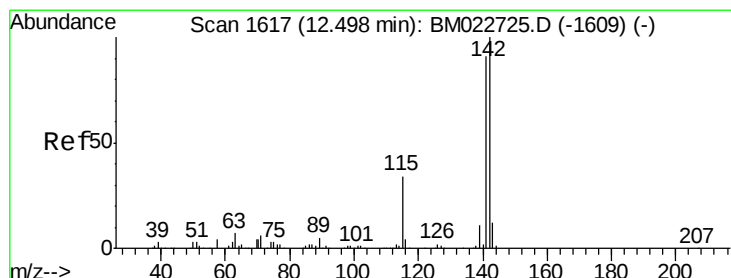
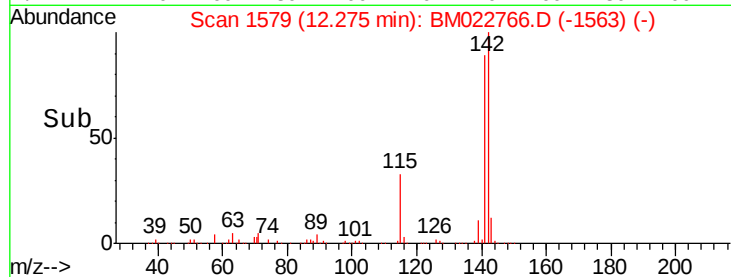
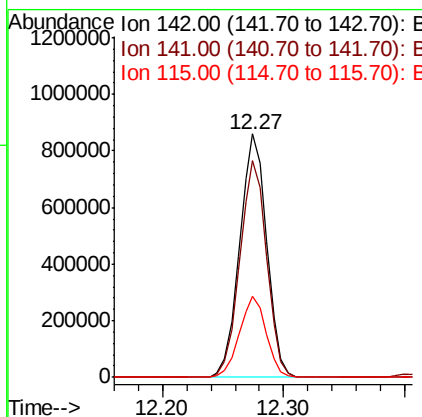
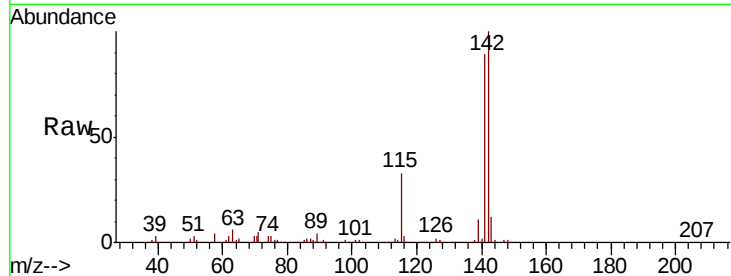
#37
 2-Methylnaphthalene
 Concen: 38.888 ng
 RT: 12.27 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BM022766.D
 Acq: 25 Sep 2019 01:06

Instrument :
 BNA_M
 ClientSampleId :
 SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.5	107.3
115	33.1	26.1	39.1

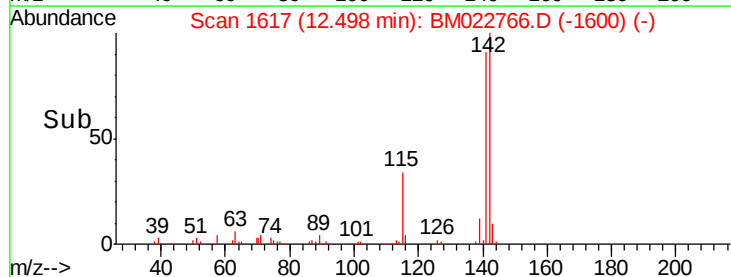
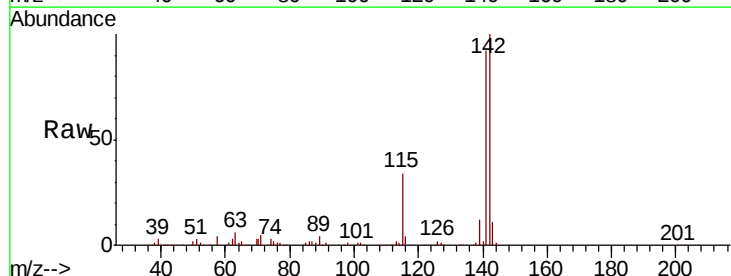
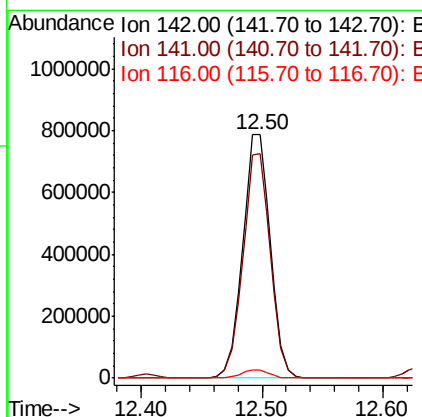
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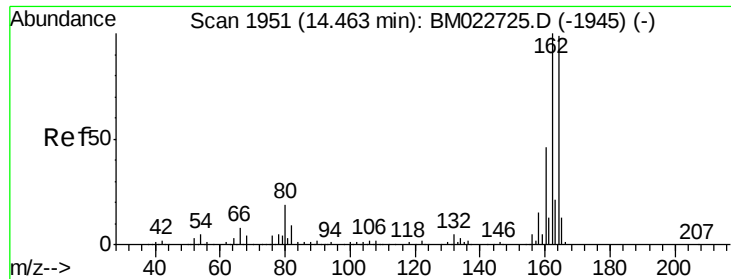
mohammad
 9/26/2019 8:25:49 AM



#38
 1-Methylnaphthalene
 Concen: 38.130 ng
 RT: 12.50 min Scan# 1617
 Delta R.T. -0.00 min
 Lab File: BM022766.D
 Acq: 25 Sep 2019 01:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.0	109.4
116	3.5	2.9	4.3





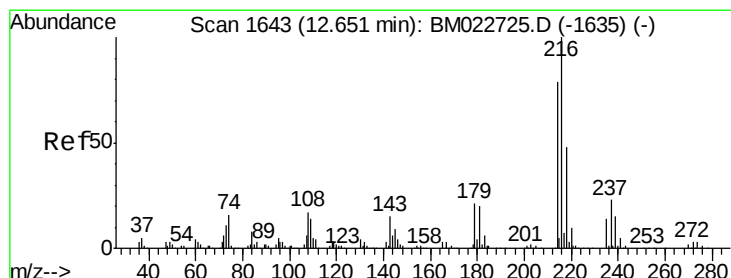
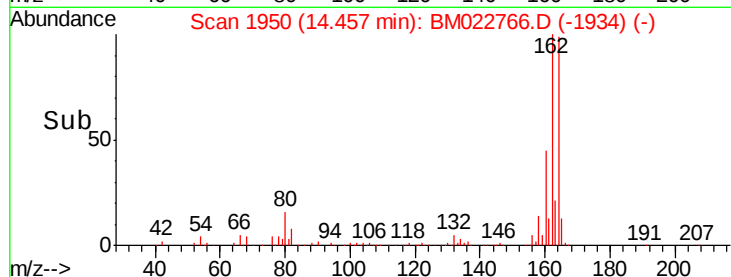
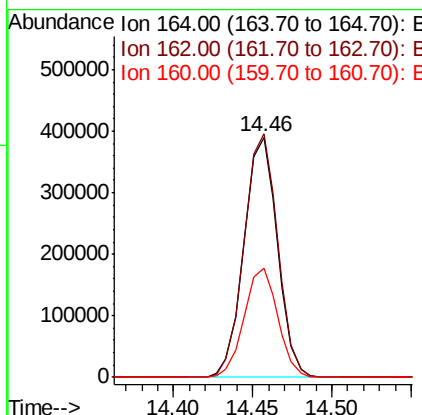
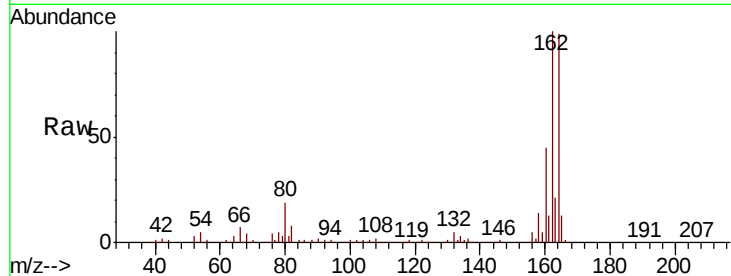
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BM022766.D
Acq: 25 Sep 2019 01:06

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.1	121.7
160	45.7	36.9	55.3

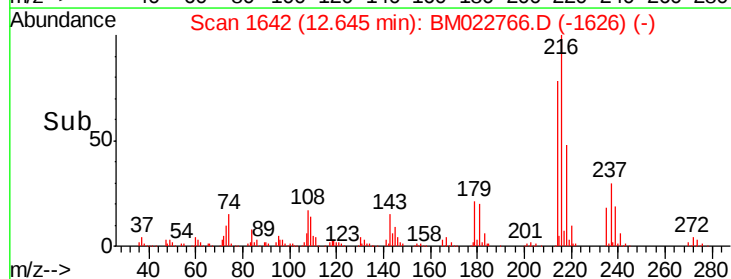
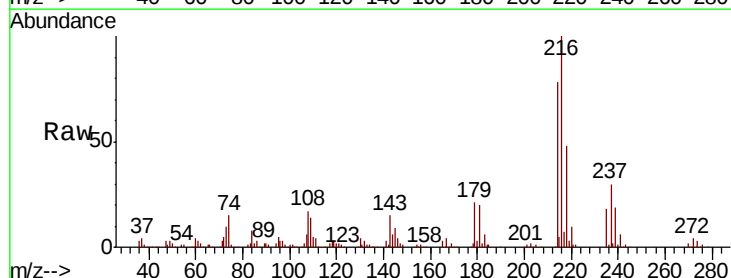
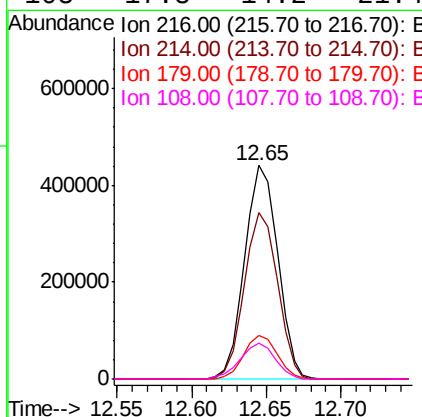
Manual Integrations
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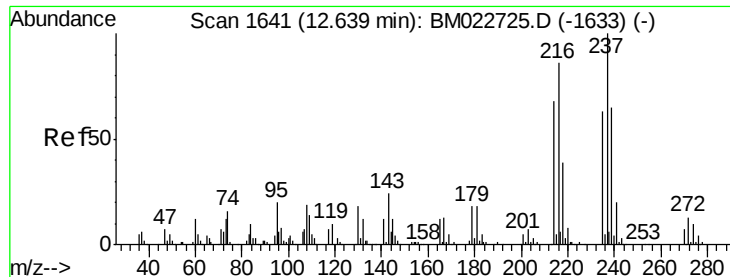
mohammad
9/26/2019 8:25:49 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.047 ng
RT: 12.65 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BM022766.D
Acq: 25 Sep 2019 01:06

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.1	62.9	94.3
179	20.4	16.6	24.8
108	17.8	14.2	21.4





#41

Hexachlorocyclopentadiene

Concen: 46.099 ng

RT: 12.63 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BM022766.D

Acq: 25 Sep 2019 01:06

Instrument :

BNA_M

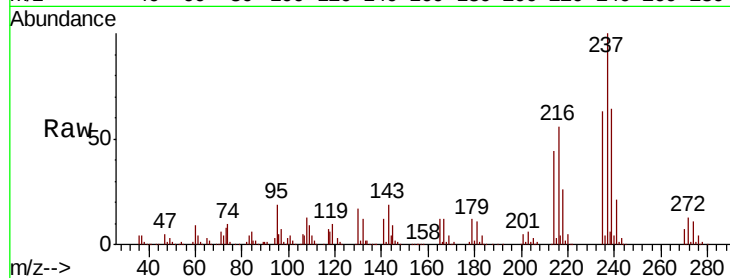
ClientSampleId :

SAND-STOCKPILE-1MSD

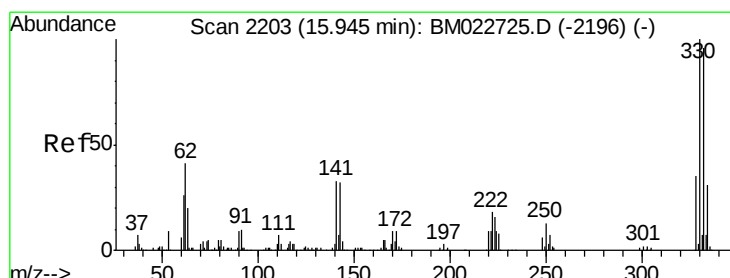
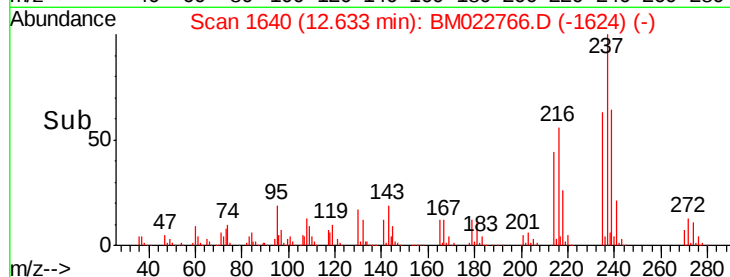
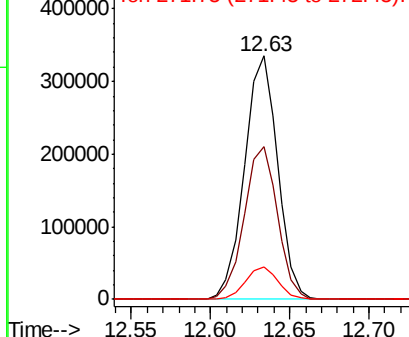
Tot Ion:	237	Resp:	486970
Ion Ratio	Lower	Upper	
237	100		
235	62.6	43.3	83.3
272	13.2	0.0	32.6

Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 103.651 ng

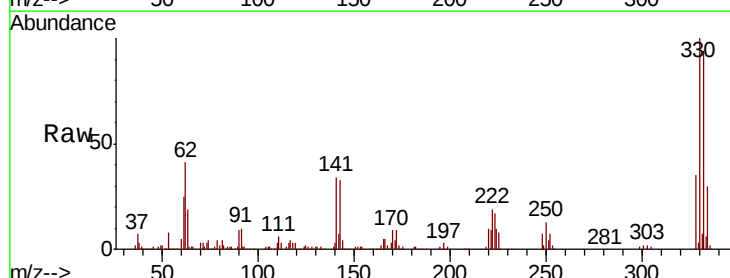
RT: 15.94 min Scan# 2202

Delta R.T. -0.01 min

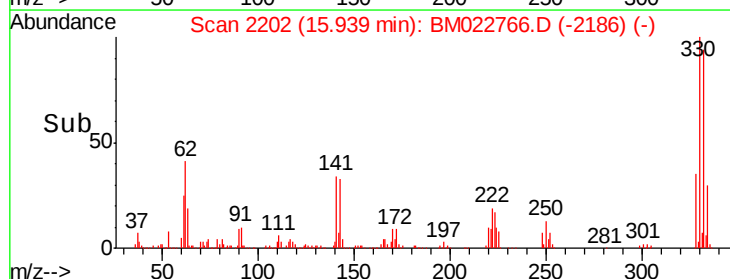
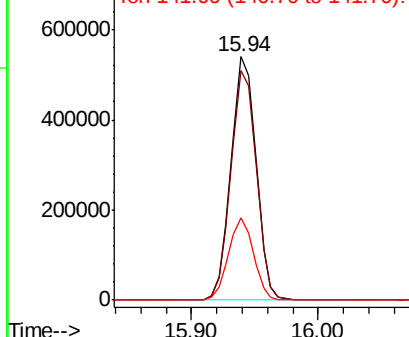
Lab File: BM022766.D

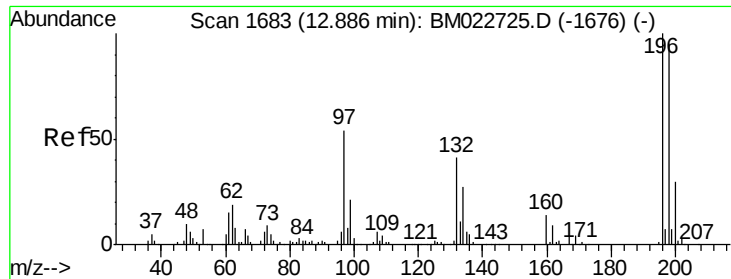
Acq: 25 Sep 2019 01:06

Tgt Ion:	330	Resp:	739327
Ion Ratio	Lower	Upper	
330	100		
332	95.7	76.9	115.3
141	34.0	28.6	42.8



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





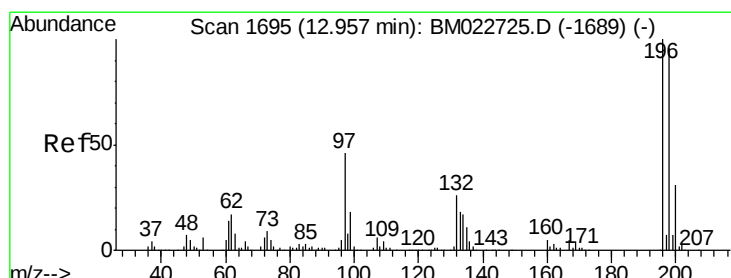
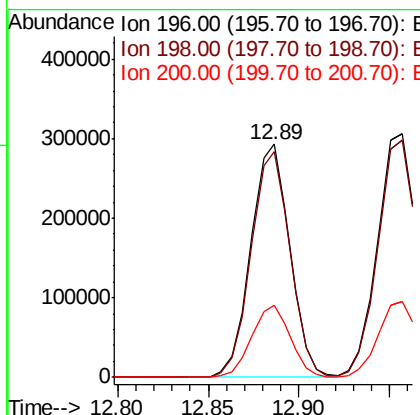
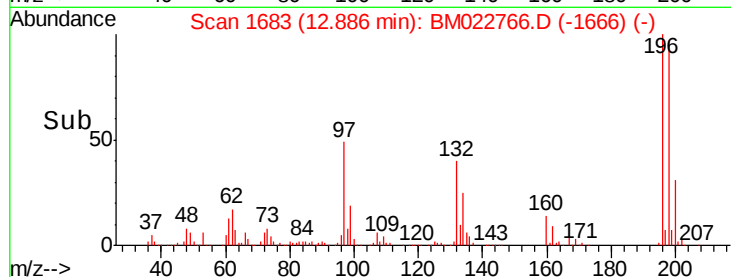
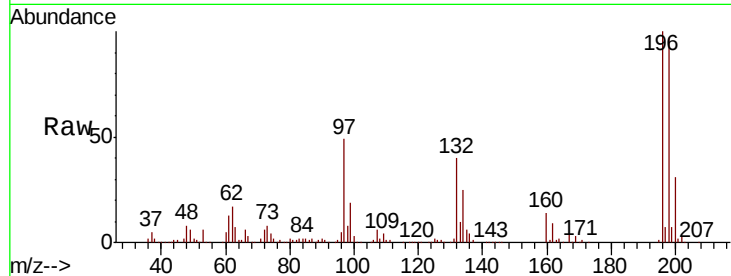
#43
 2,4,6-Trichlorophenol
 Concen: 39.266 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: BM022766.D
 Acq: 25 Sep 2019 01:06

Instrument :
 BNA_M
 ClientSampleId :
 SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.7	76.3	114.5
200	31.0	24.4	36.6

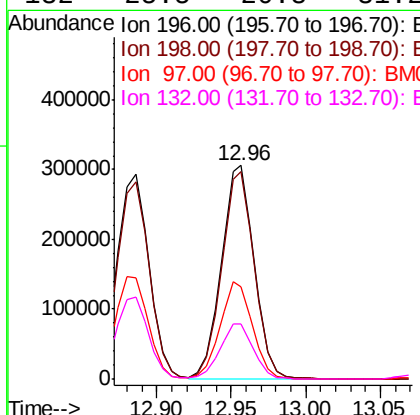
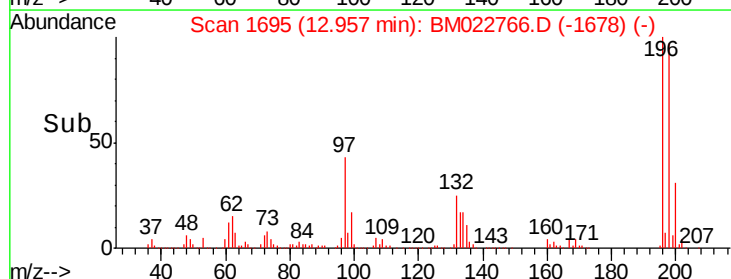
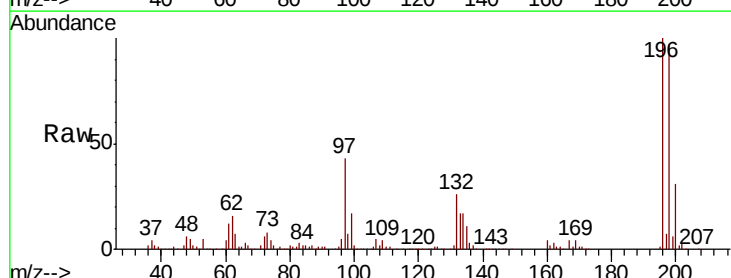
Manual Integrations
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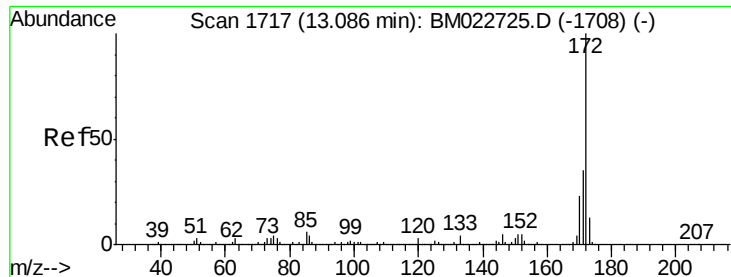
mohammad
 9/26/2019 8:25:49 AM



#44
 2,4,5-Trichlorophenol
 Concen: 40.128 ng
 RT: 12.96 min Scan# 1695
 Delta R.T. -0.00 min
 Lab File: BM022766.D
 Acq: 25 Sep 2019 01:06

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.2	77.0	115.4
97	43.5	37.2	55.8
132	25.5	20.8	31.2





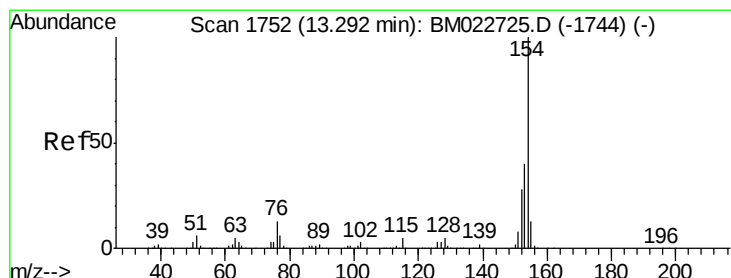
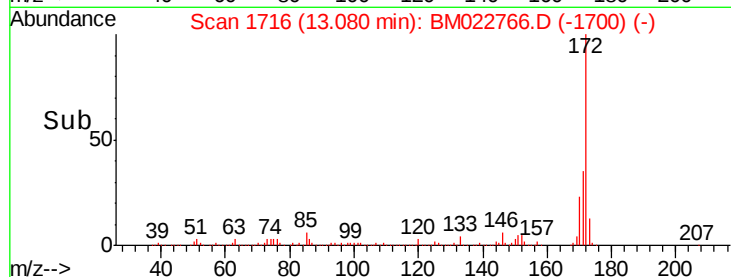
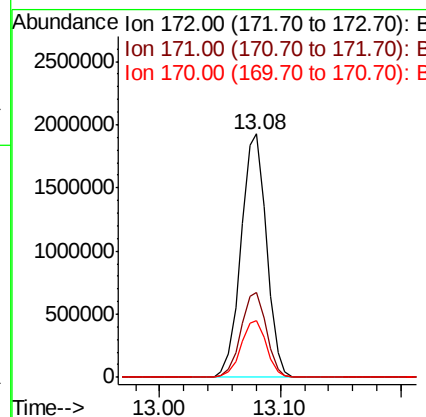
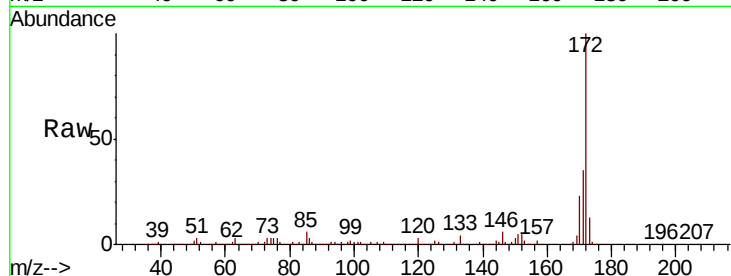
#45
2-Fluorobiphenyl
Concen: 68.122 ng
RT: 13.08 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM022766.D
Acq: 25 Sep 2019 01:06

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.8	41.8
170	23.4	18.7	28.1

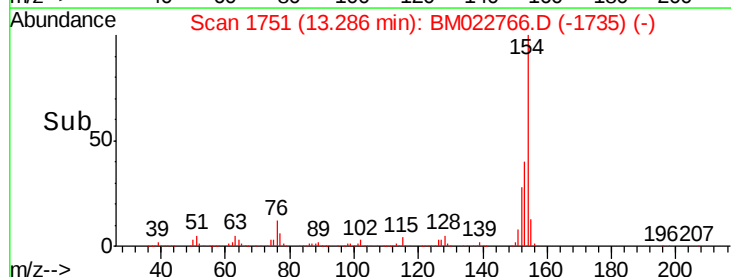
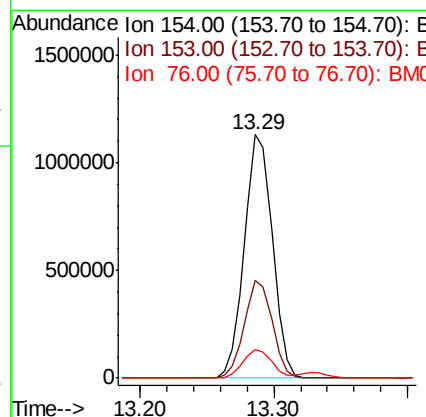
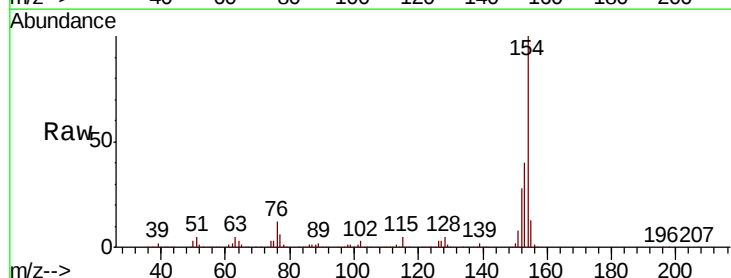
Manual Integrations
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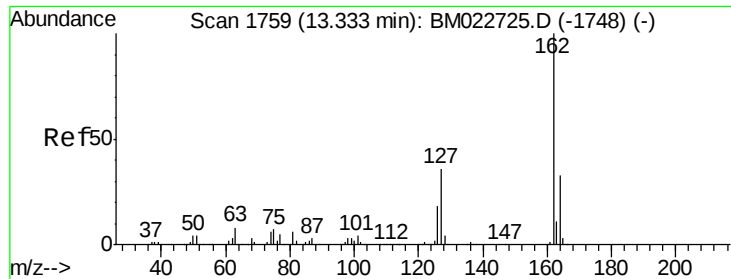
mohammad
9/26/2019 8:25:49 AM



#46
1,1'-Biphenyl
Concen: 34.614 ng
RT: 13.29 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BM022766.D
Acq: 25 Sep 2019 01:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.1	60.1
76	11.9	0.0	32.6





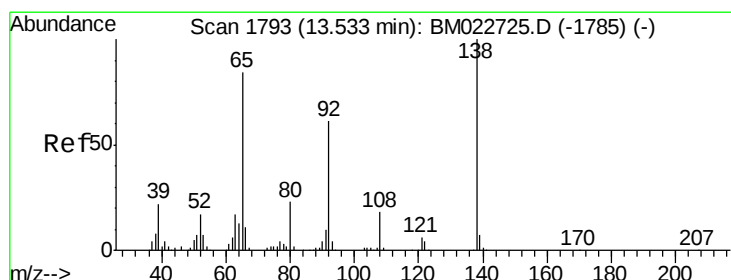
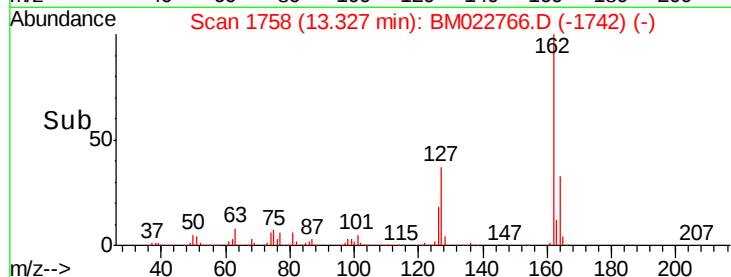
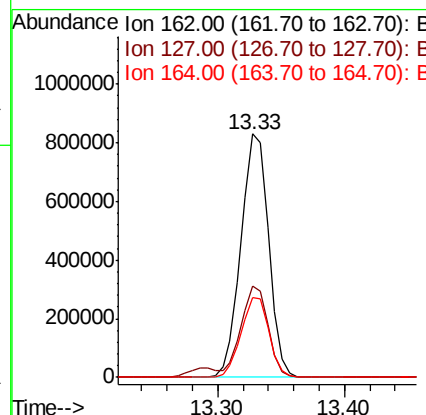
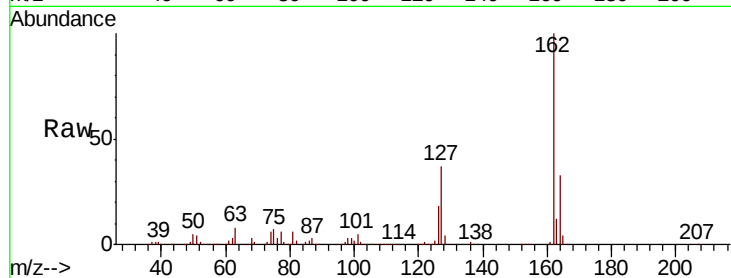
#47
 2-Chloronaphthalene
 Concen: 35.564 ng
 RT: 13.33 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BM022766.D
 Acq: 25 Sep 2019 01:06

Instrument :
 BNA_M
 ClientSampleId :
 SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.4	29.0	43.6
164	32.9	26.0	39.0

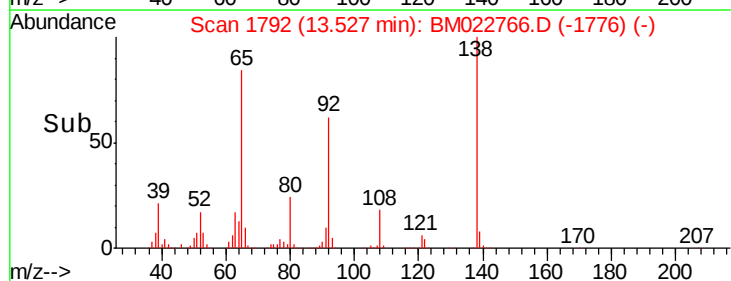
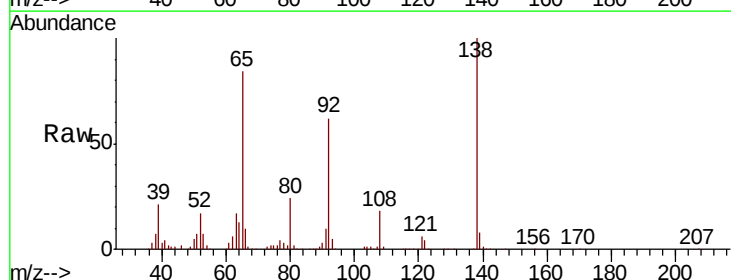
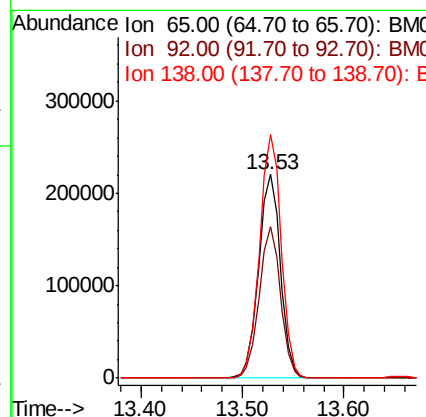
Manual Integrations
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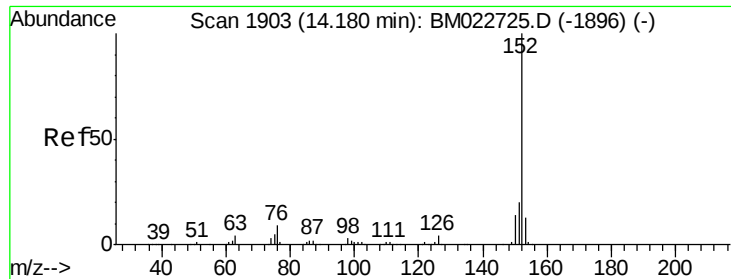
mohammad
 9/26/2019 8:25:49 AM



#48
 2-Nitroaniline
 Concen: 35.944 ng
 RT: 13.53 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BM022766.D
 Acq: 25 Sep 2019 01:06

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.3	58.6	87.8
138	119.4	95.4	143.0





#49

Acenaphthylene

Concen: 40.149 ng

RT: 14.17 min Scan# 1902

Delta R.T. -0.01 min

Lab File: BM022766.D

Acq: 25 Sep 2019 01:06

Instrument :

BNA_M

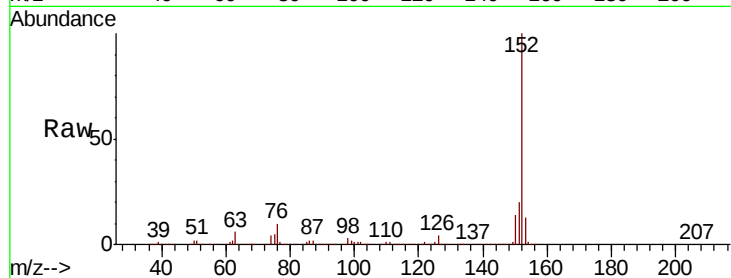
ClientSampleId :

SAND-STOCKPILE-1MSD

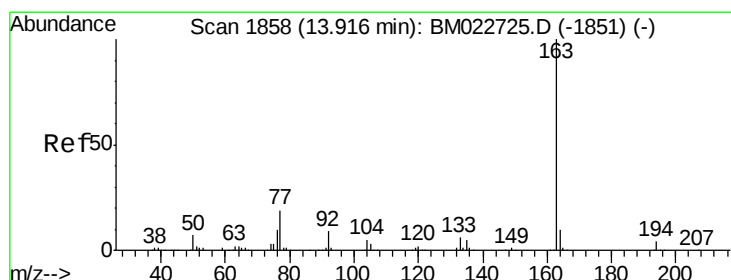
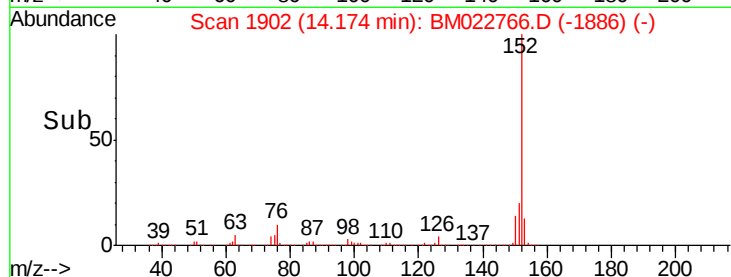
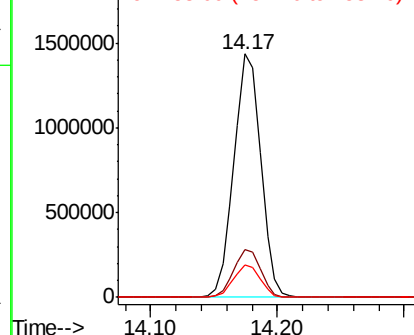
Tot Ion:	152	Resp:	2095584
Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.9	23.9
153	13.3	10.5	15.7

Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.686 ng

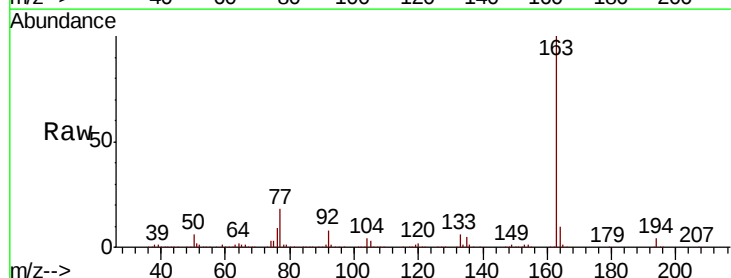
RT: 13.92 min Scan# 1858

Delta R.T. -0.00 min

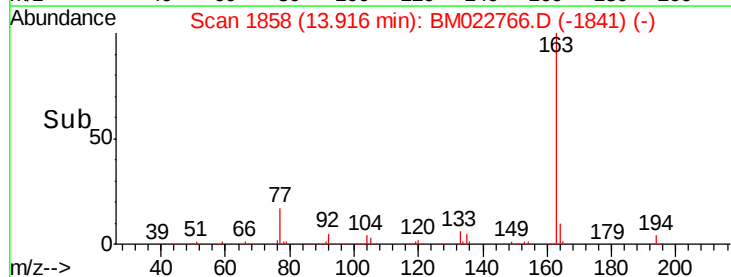
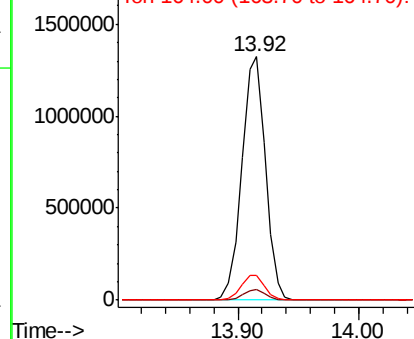
Lab File: BM022766.D

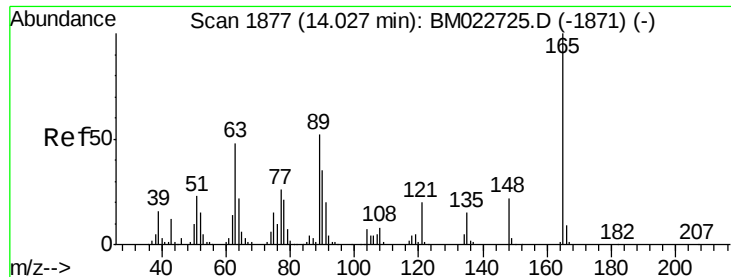
Acq: 25 Sep 2019 01:06

Tgt Ion:	163	Resp:	1803913
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.0	8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





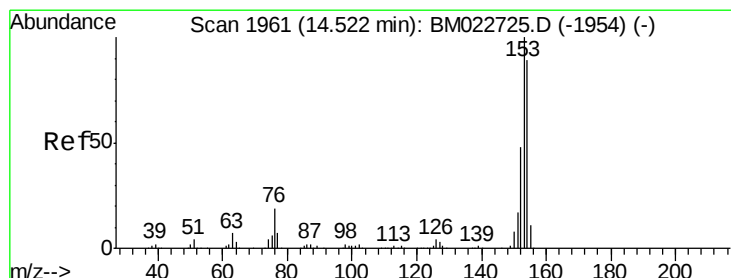
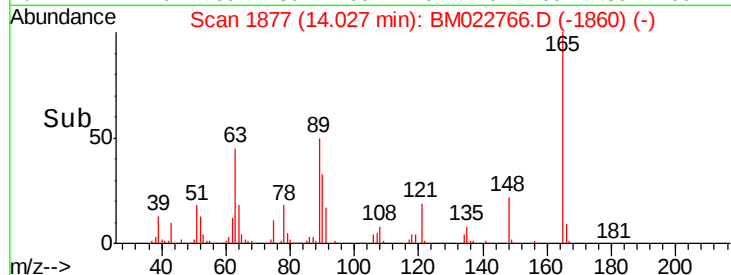
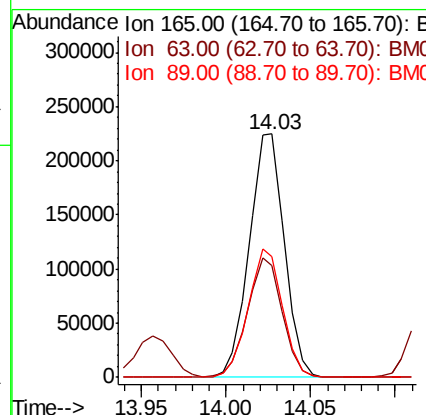
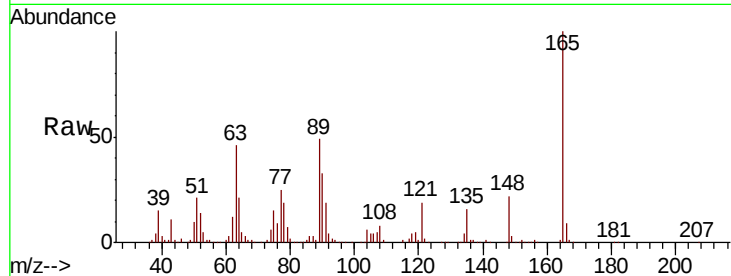
#51
 2,6-Dinitrotoluene
 Concen: 37.561 ng
 RT: 14.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: BM022766.D
 Acq: 25 Sep 2019 01:06

Instrument :
 BNA_M
 ClientSampleId :
 SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	324428		
63	45.9		38.6	58.0
89	49.3		41.6	62.4

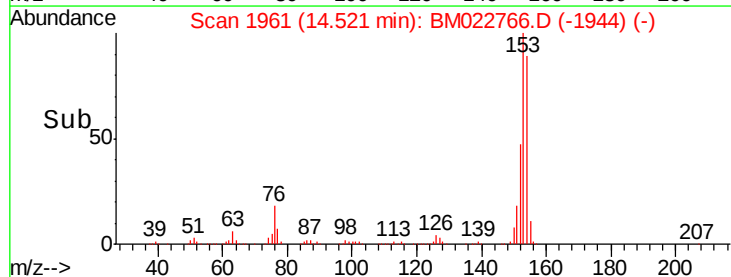
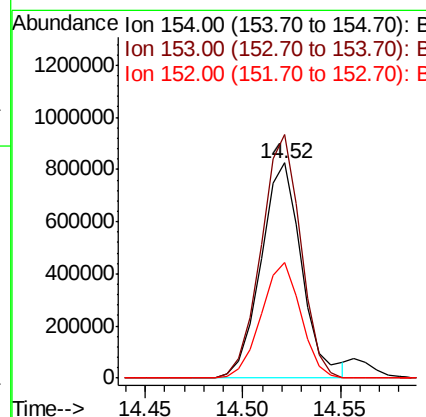
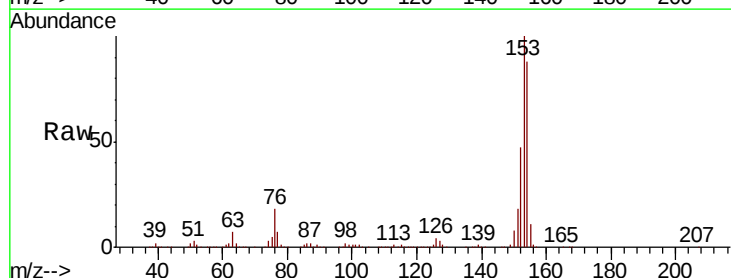
Manual Integrations
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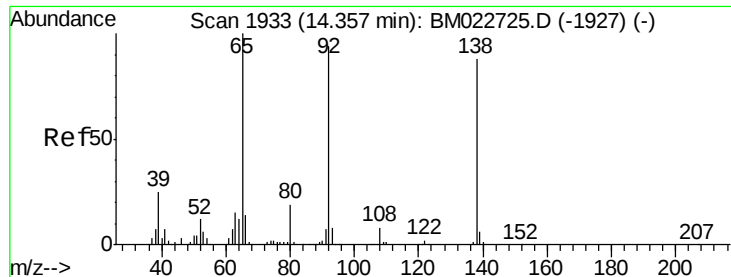
mohammad
 9/26/2019 8:25:49 AM



#52
 Acenaphthene
 Concen: 35.035 ng
 RT: 14.52 min Scan# 1961
 Delta R.T. -0.00 min
 Lab File: BM022766.D
 Acq: 25 Sep 2019 01:06

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1196361		
153	113.1		90.0	135.0
152	53.7		42.9	64.3





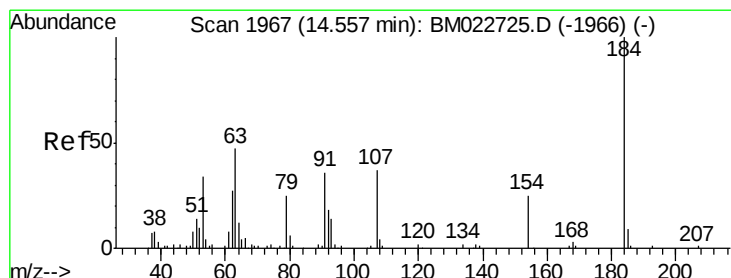
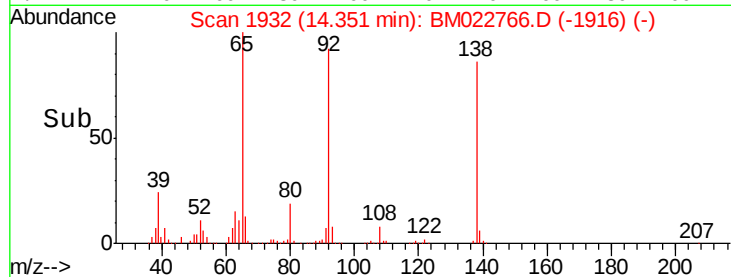
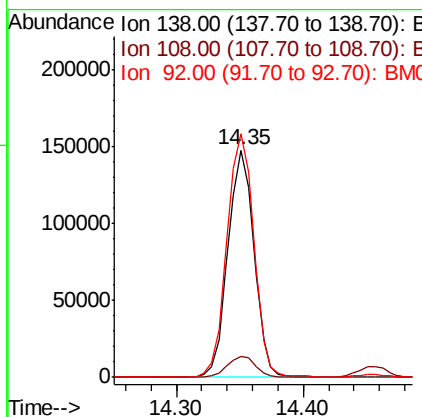
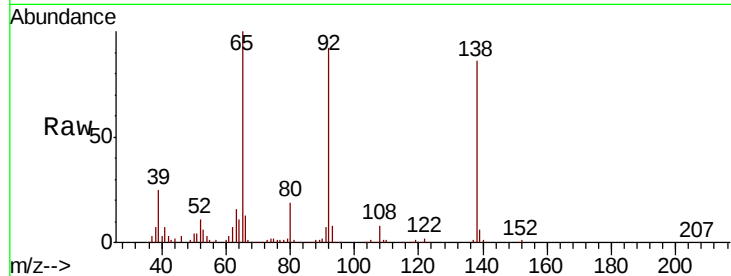
#53
3-Nitroaniline
Concen: 21.202 ng
RT: 14.35 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BM022766.D
Acq: 25 Sep 2019 01:06

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.3	10.9
92	107.1	86.3	129.5

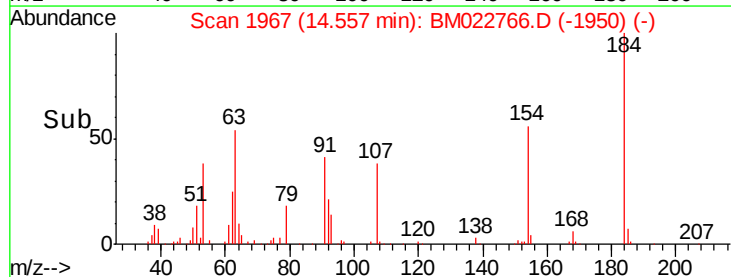
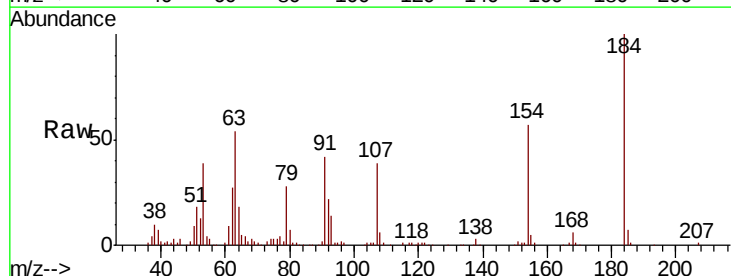
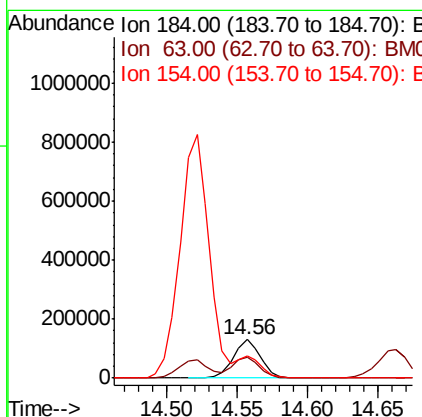
Manual Integrations
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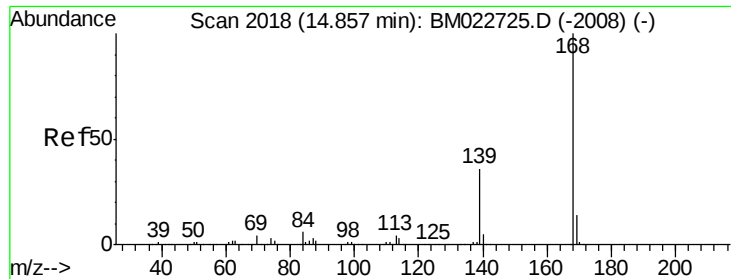
mohammad
9/26/2019 8:25:49 AM



#54
2,4-Dinitrophenol
Concen: 41.335 ng
RT: 14.56 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BM022766.D
Acq: 25 Sep 2019 01:06

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.4	48.5	72.7
154	57.5	48.1	72.1





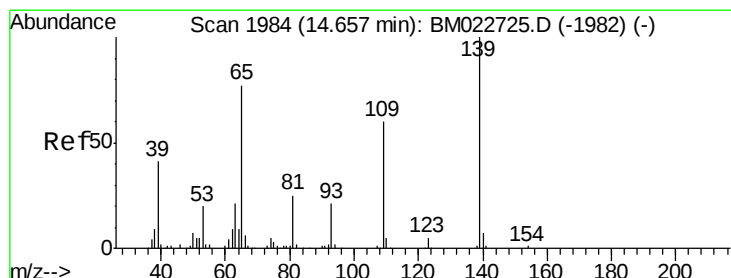
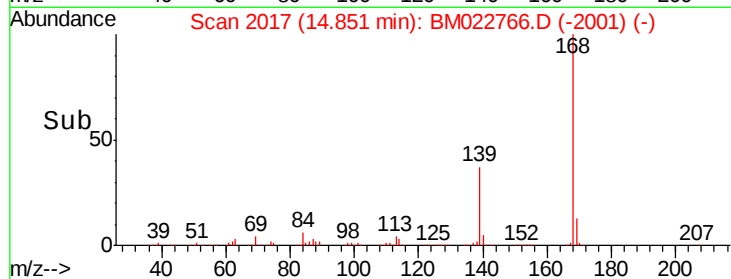
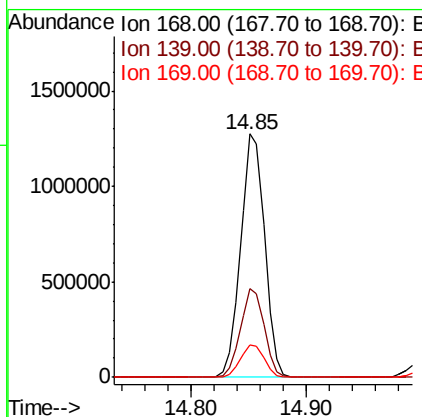
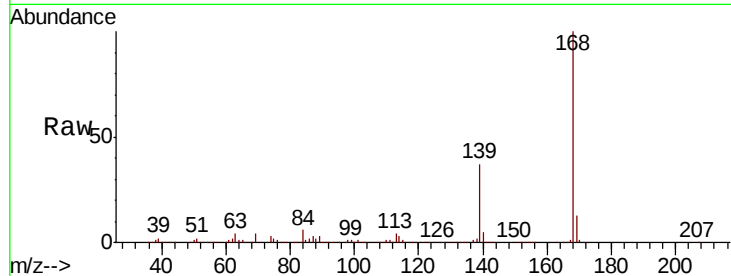
#55
Dibenzenofuran
Concen: 36.632 ng
RT: 14.85 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BM022766.D
Acq: 25 Sep 2019 01:06

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.6	28.8	43.2
169	13.5	10.9	16.3

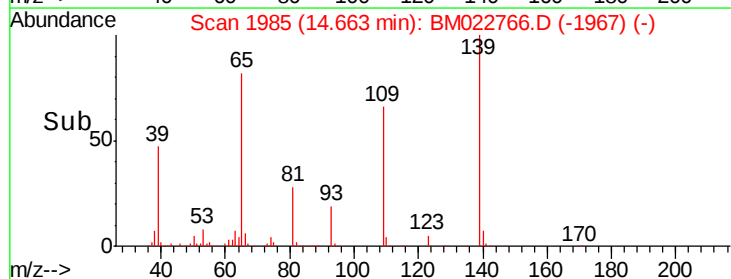
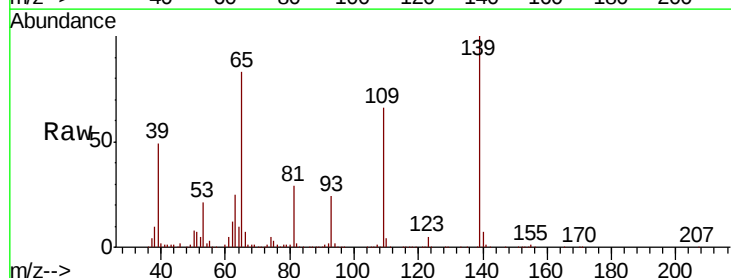
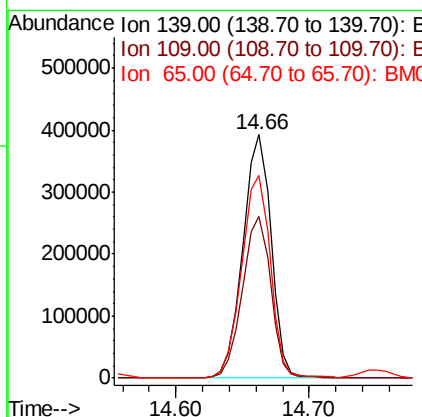
Manual Integrations
APPROVED

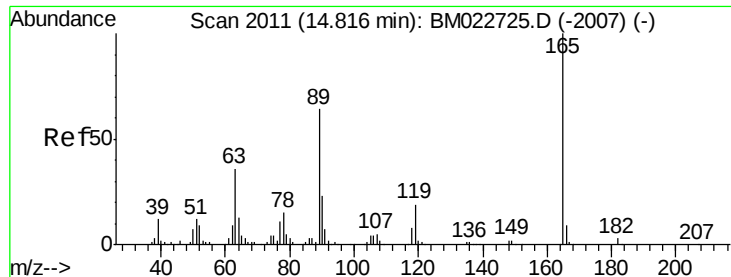
mohammad
9/26/2019 8:25:49 AM



#56
4-Nitrophenol
Concen: 74.978 ng
RT: 14.66 min Scan# 1985
Delta R.T. 0.01 min
Lab File: BM022766.D
Acq: 25 Sep 2019 01:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.2	44.8	84.8
65	83.2	66.6	106.6





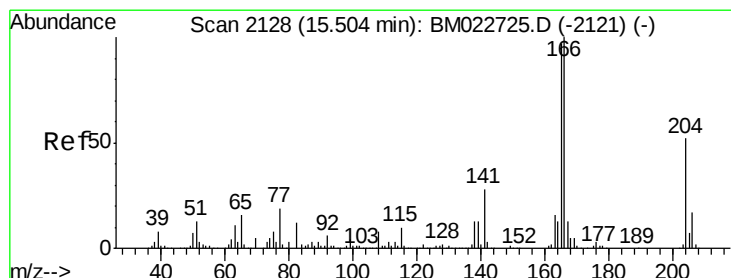
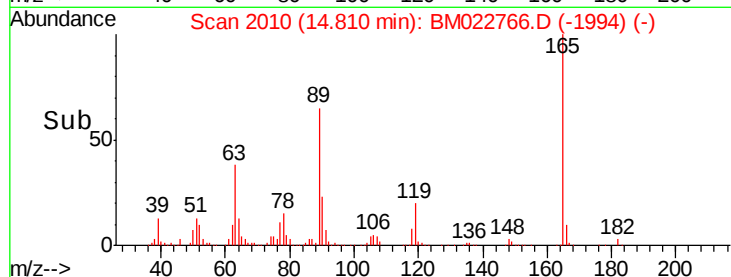
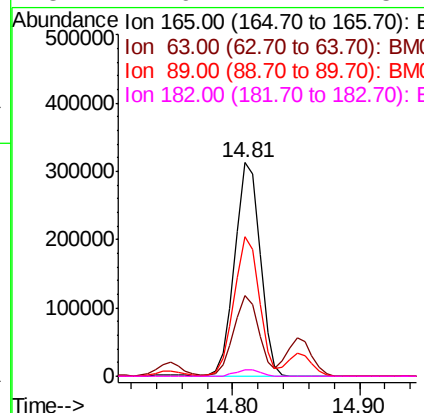
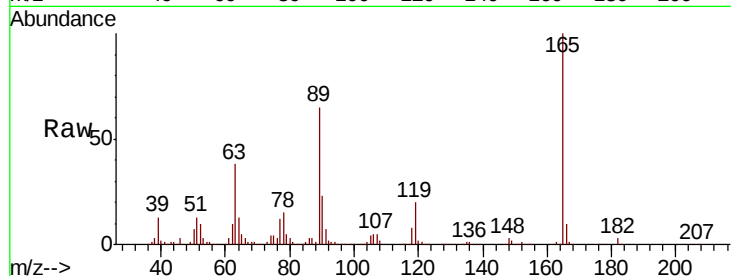
#57
2,4-Dinitrotoluene
Concen: 38.048 ng
RT: 14.81 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BM022766.D
Acq: 25 Sep 2019 01:06

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	430533		
63	38.0		30.1	45.1
89	65.0		52.5	78.7
182	2.9		2.2	3.4

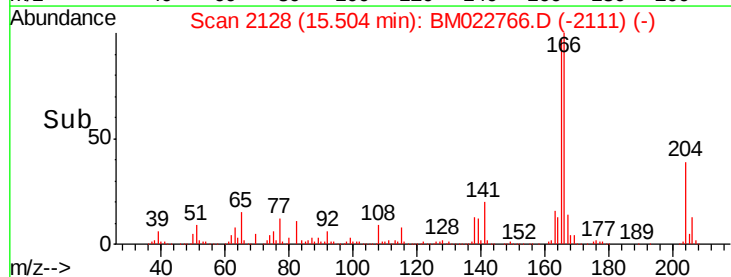
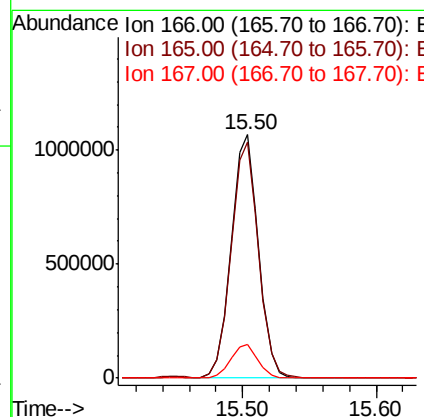
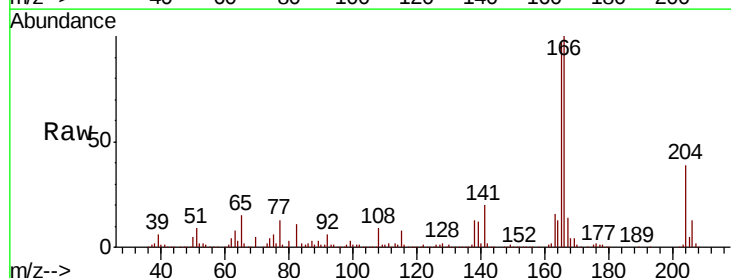
Manual Integrations
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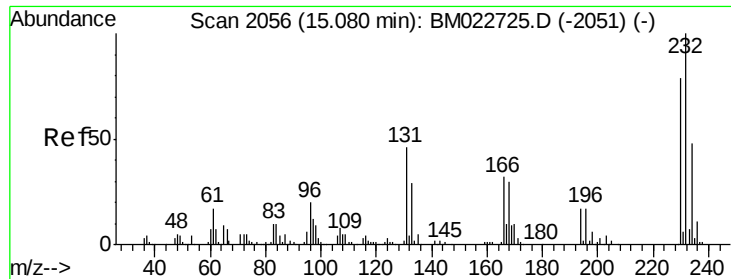
mohammad
9/26/2019 8:25:49 AM



#58
Fluorene
Concen: 37.272 ng
RT: 15.50 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BM022766.D
Acq: 25 Sep 2019 01:06

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1509942		
165	96.8		77.6	116.4
167	13.6		10.8	16.2





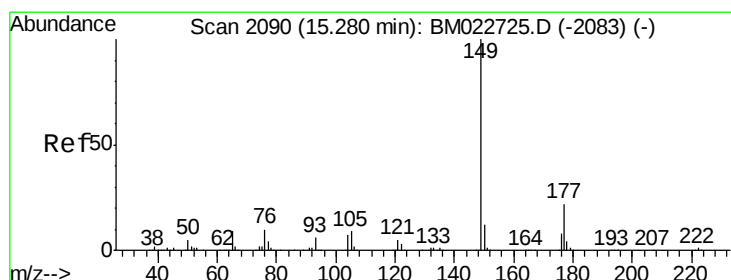
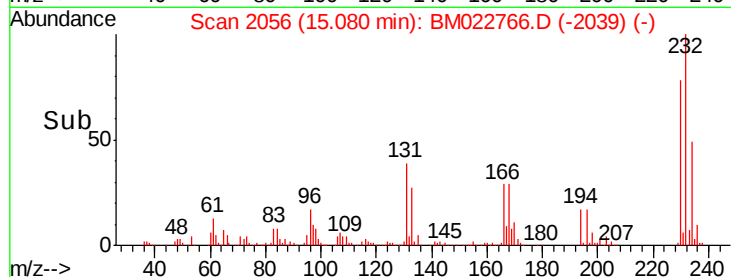
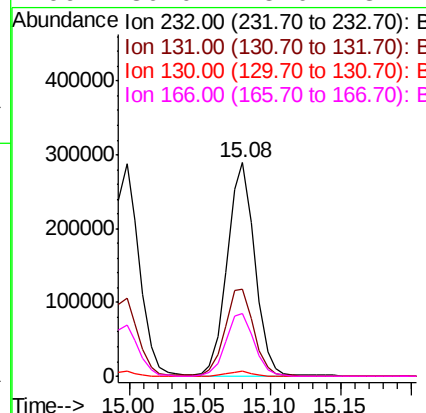
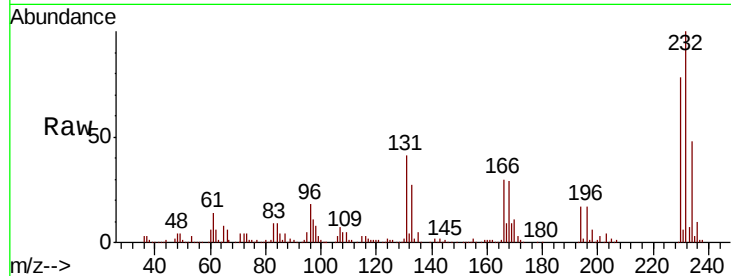
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.398 ng
 RT: 15.08 min Scan# 2056
 Delta R.T. -0.00 min
 Lab File: BM022766.D
 Acq: 25 Sep 2019 01:06

Instrument :
 BNA_M
 ClientSampleId :
 SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	389953		
131	42.2	36.3	54.5	
130	2.3	1.8	2.8	
166	30.0	25.0	37.4	

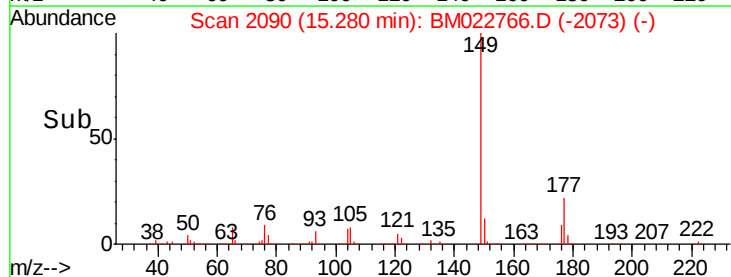
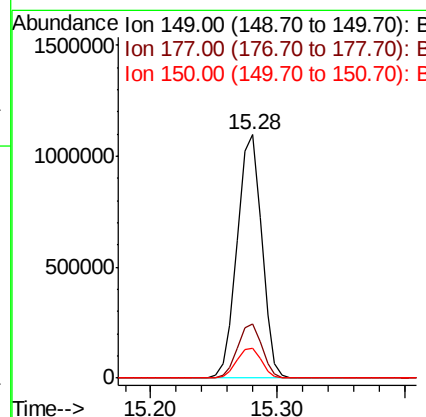
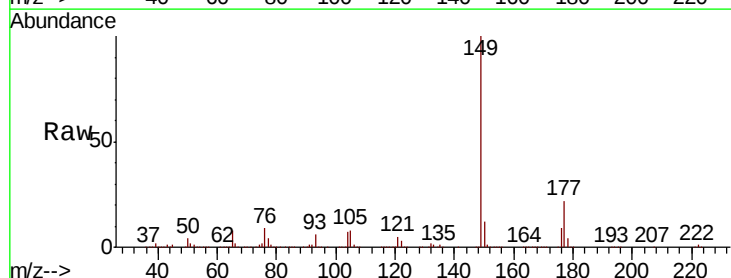
Manual Integrations
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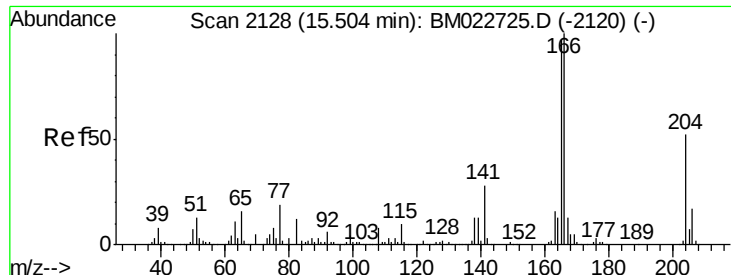
mohammad
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#60
 Diethylphthalate
 Concen: 36.510 ng
 RT: 15.28 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: BM022766.D
 Acq: 25 Sep 2019 01:06

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1465899		
177	22.3	17.6	26.4	
150	12.2	9.9	14.9	





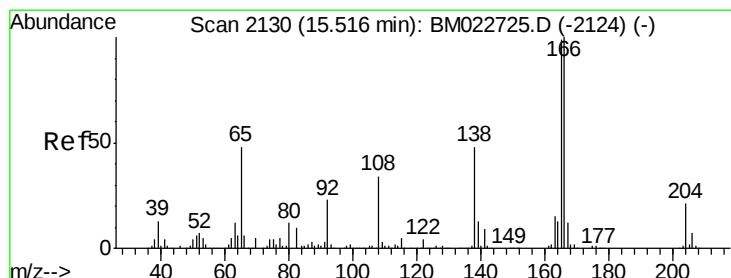
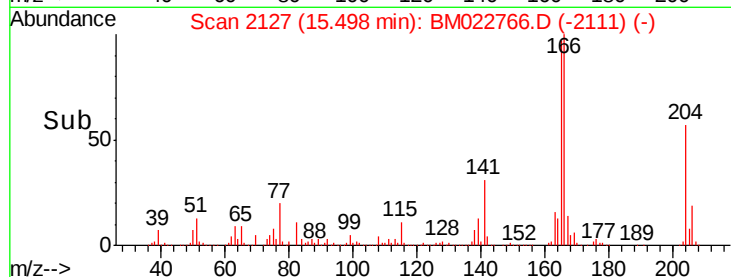
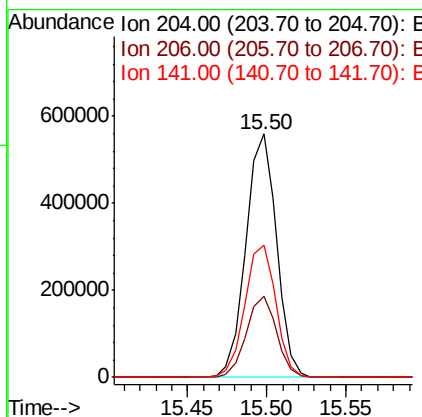
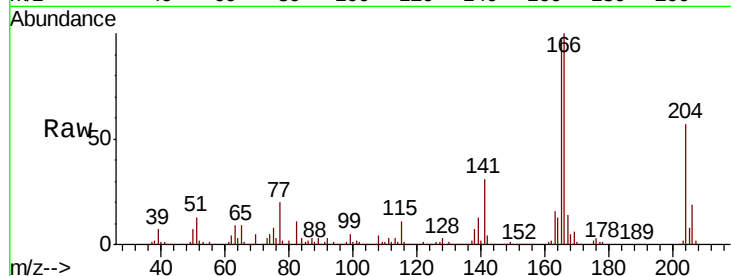
#61
 4-Chlorophenyl-phenylether
 Concen: 36.031 ng
 RT: 15.50 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BM022766.D
 Acq: 25 Sep 2019 01:06

Instrument :
 BNA_M
 ClientSampleId :
 SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.2	39.4
141	54.5	42.6	64.0

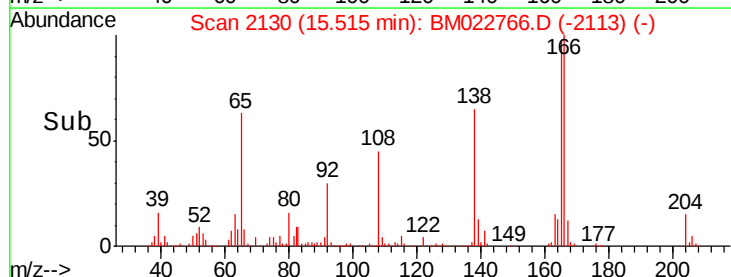
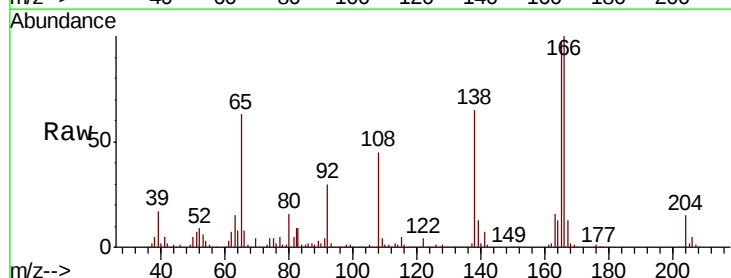
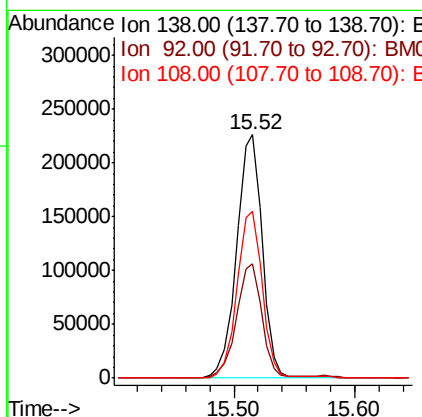
Manual Integrations
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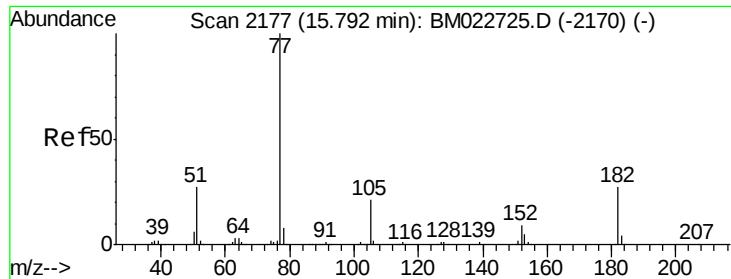
mohammad
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#62
 4-Nitroaniline
 Concen: 32.187 ng
 RT: 15.52 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BM022766.D
 Acq: 25 Sep 2019 01:06

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.7	28.7	68.7
108	68.8	50.3	90.3





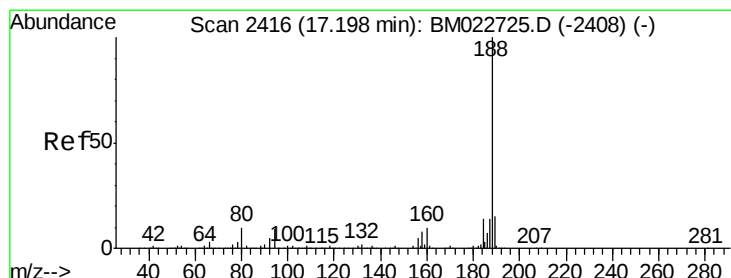
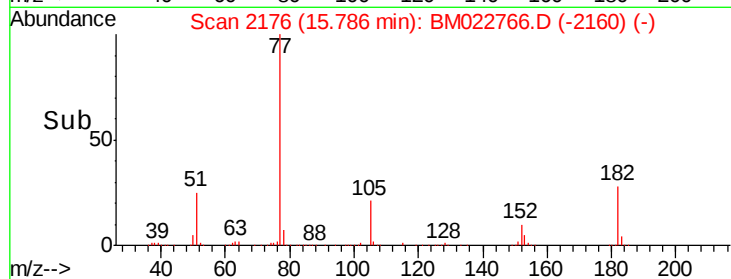
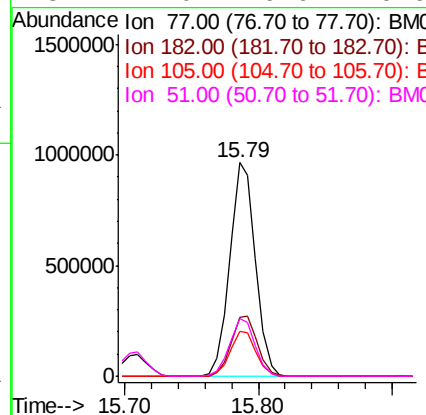
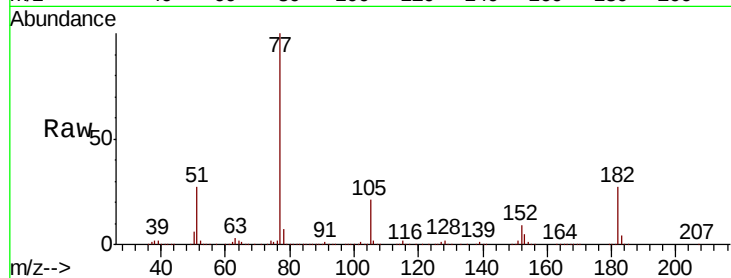
#63
Azobenzene
Concen: 35.639 ng
RT: 15.79 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BM022766.D
Acq: 25 Sep 2019 01:06

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.3	7.0	47.0	
105	20.9	0.9	40.9	
51	27.0	6.6	46.6	

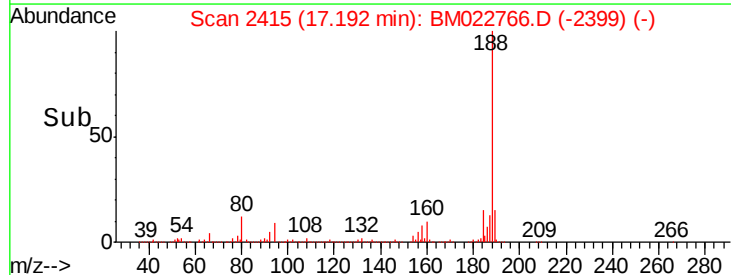
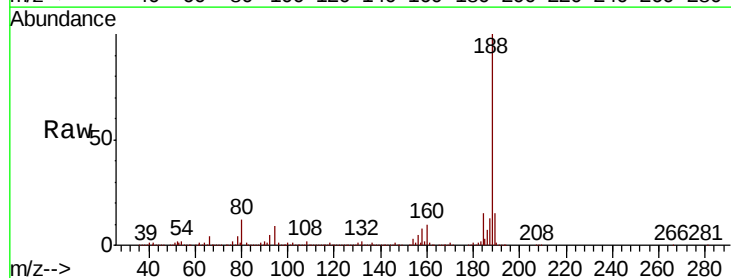
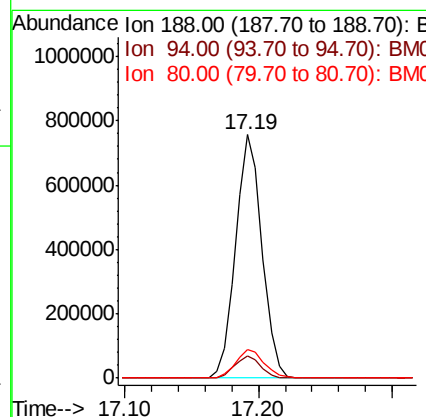
Manual Integrations
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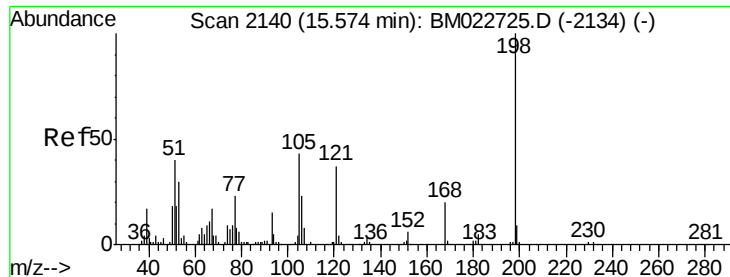
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM022766.D
Acq: 25 Sep 2019 01:06

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.3	7.3	10.9	
80	11.6	7.8	11.8	





#65

4,6-Dinitro-2-methylphenol

Concen: 30.221 ng

RT: 15.57 min Scan# 2140

Delta R.T. 0.00 min

Lab File: BM022766.D

Acq: 25 Sep 2019 01:06

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MSD

Tot Ion:198 Resp: 142962

Ion Ratio Lower Upper

198 100

51 37.8 21.0 61.0

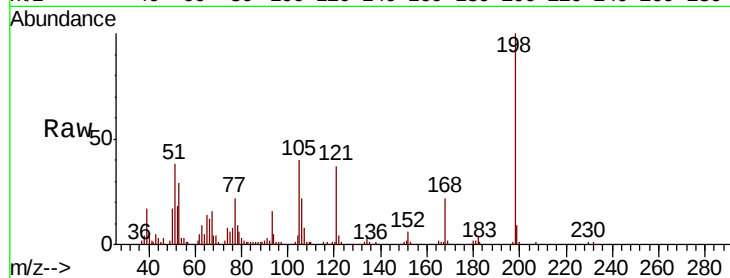
105 40.2 22.5 62.5

Manual Integrations

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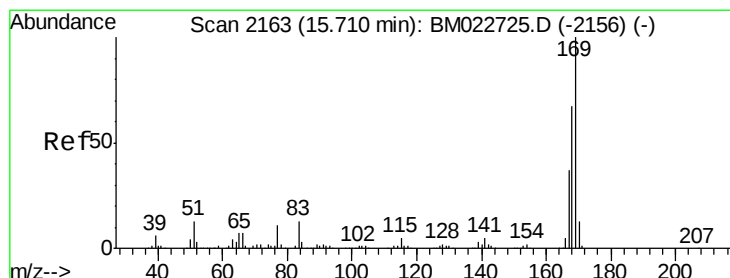
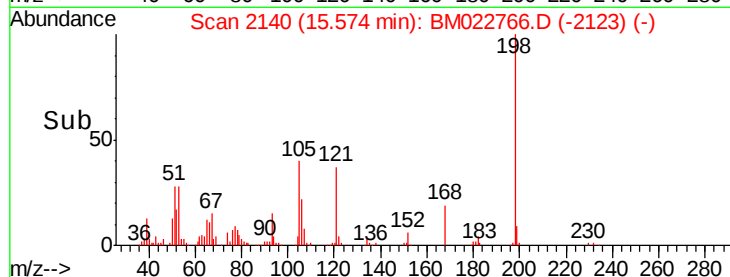
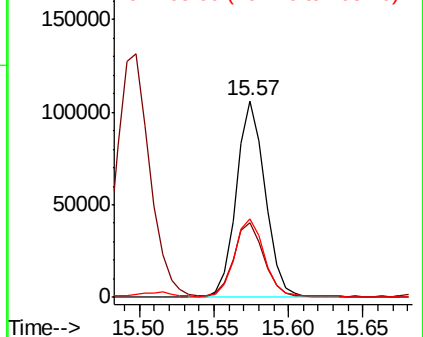
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.501 ng

RT: 15.71 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BM022766.D

Acq: 25 Sep 2019 01:06

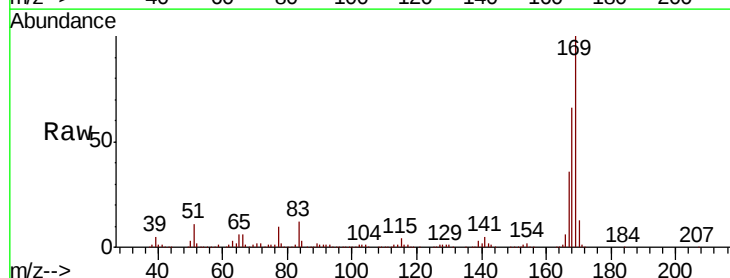
Tgt Ion:169 Resp: 1286362

Ion Ratio Lower Upper

169 100

168 65.7 53.4 80.2

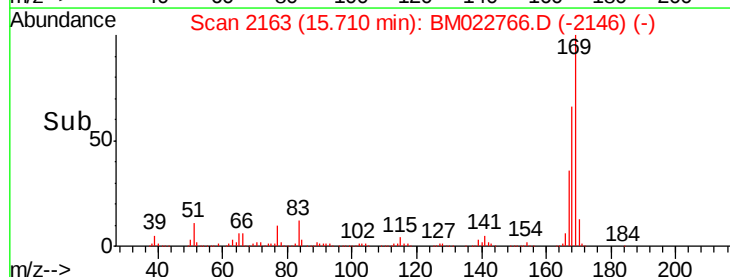
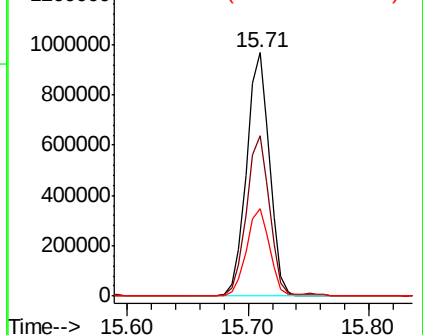
167 36.1 29.3 43.9

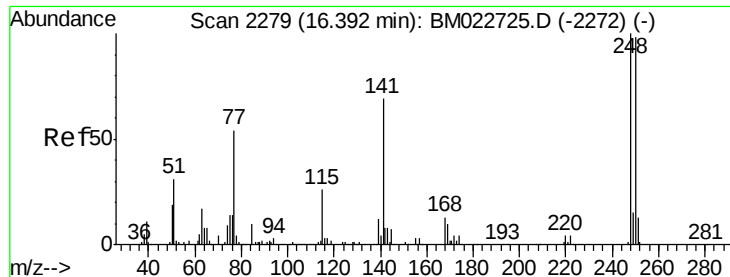


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 39.472 ng

RT: 16.39 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BM022766.D

Acq: 25 Sep 2019 01:06

Instrument :

BNA_M

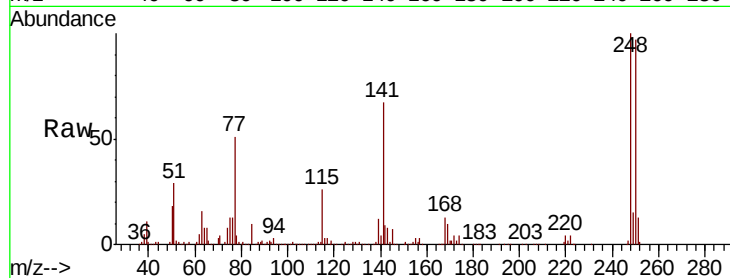
ClientSampleId :

SAND-STOCKPILE-1MSD

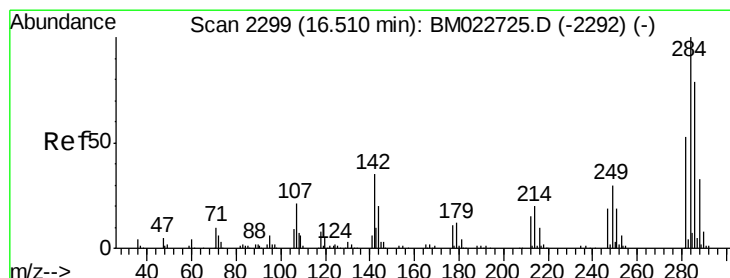
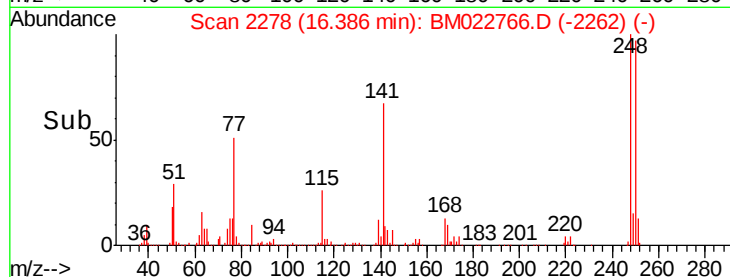
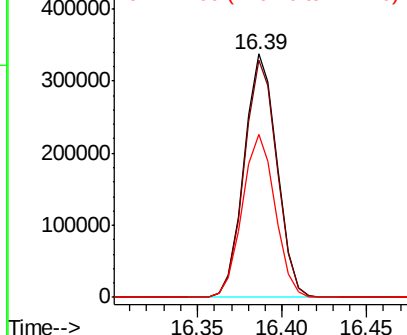
Tot Ion:	248	Resp:	456427
Ion Ratio	Lower	Upper	
248	100		
250	97.4	78.4	117.6
141	66.7	55.1	82.7

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Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 36.492 ng

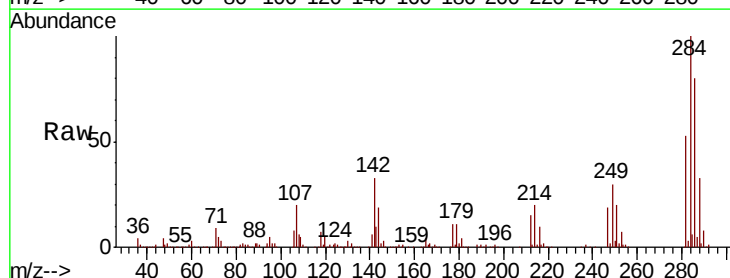
RT: 16.51 min Scan# 2299

Delta R.T. -0.00 min

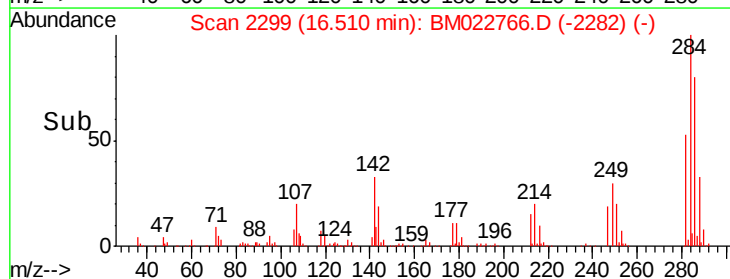
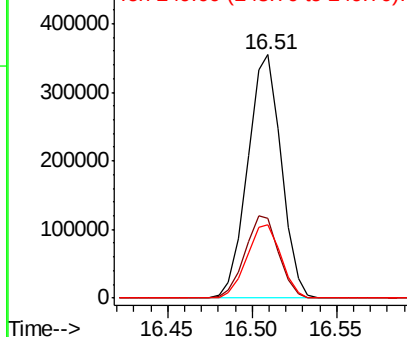
Lab File: BM022766.D

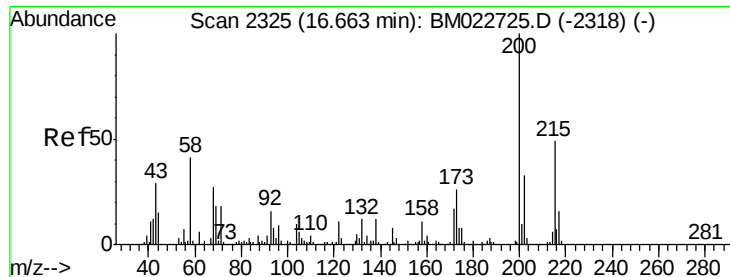
Acq: 25 Sep 2019 01:06

Tgt Ion:	284	Resp:	492097
Ion Ratio	Lower	Upper	
284	100		
142	32.8	27.8	41.8
249	30.2	24.4	36.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





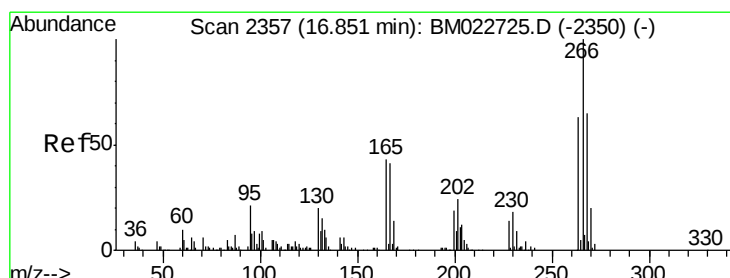
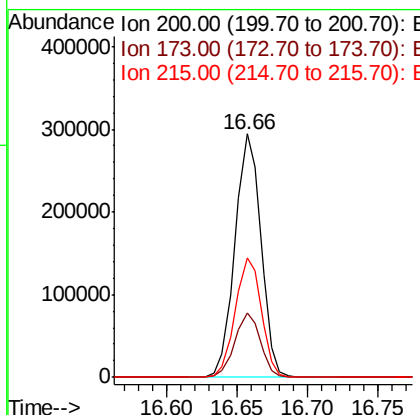
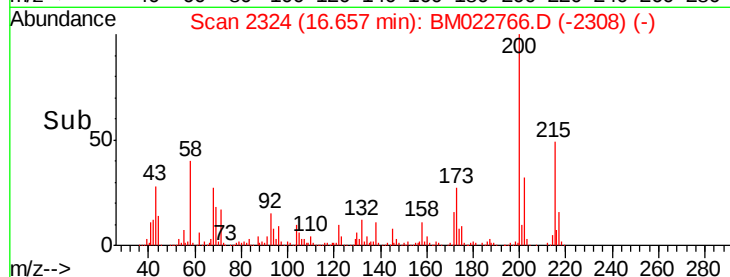
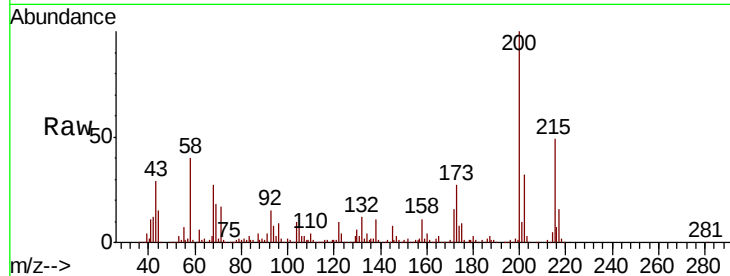
#69
Atrazine
Concen: 36.646 ng
RT: 16.66 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BM022766.D
Acq: 25 Sep 2019 01:06

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	378366		
173	26.6	5.8	45.8	
215	48.9	29.2	69.2	

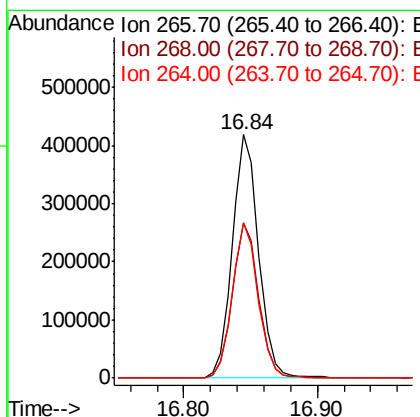
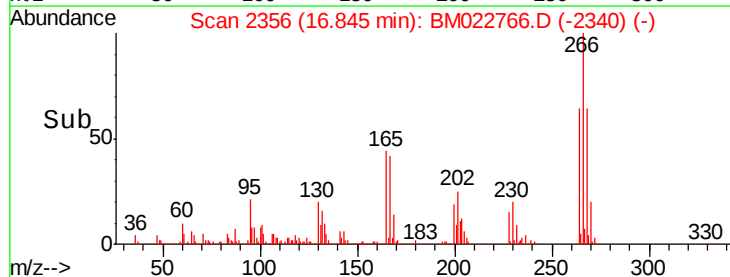
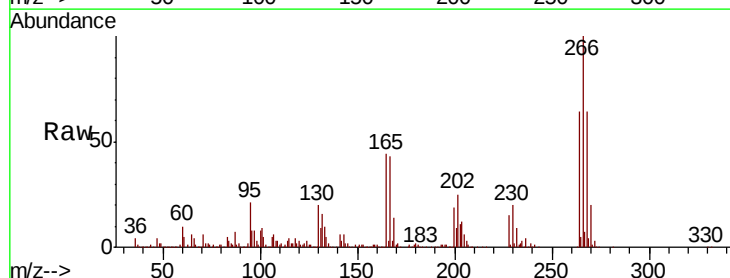
Manual Integrations
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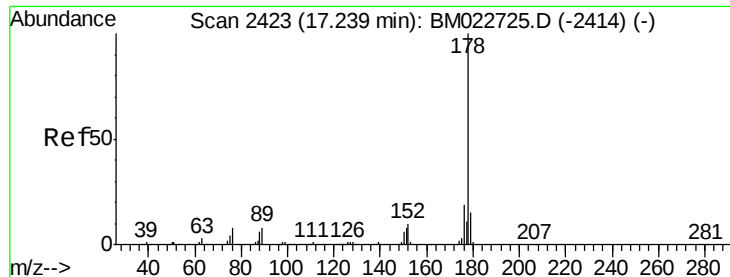
mohammad
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#70
Pentachlorophenol
Concen: 79.860 ng
RT: 16.84 min Scan# 2356
Delta R.T. -0.01 min
Lab File: BM022766.D
Acq: 25 Sep 2019 01:06

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	574323		
268	64.0	51.8	77.6	
264	63.8	50.2	75.4	





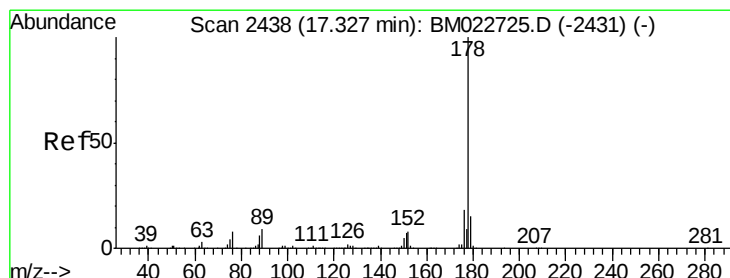
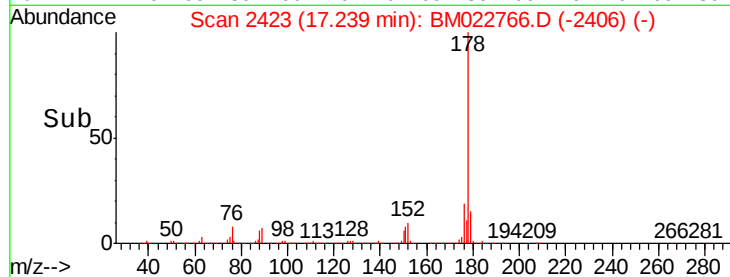
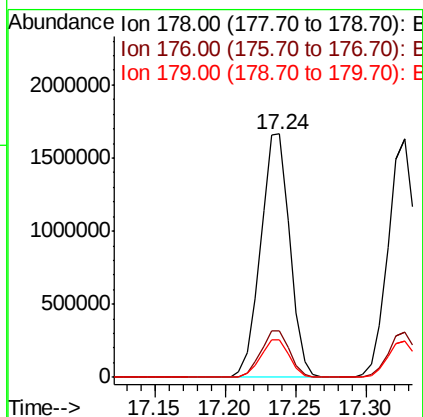
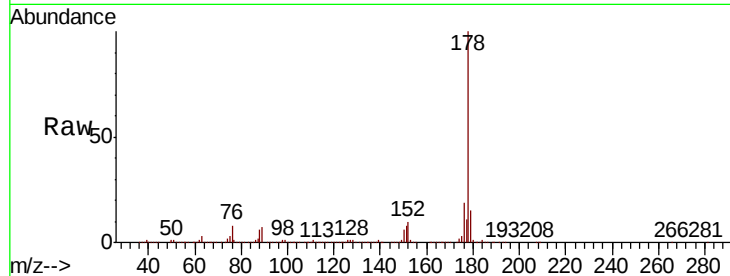
#71
Phenanthrene
Concen: 41.223 ng
RT: 17.24 min Scan# 2423
Delta R.T. -0.00 min
Lab File: BM022766.D
Acq: 25 Sep 2019 01:06

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.4	12.3	18.5

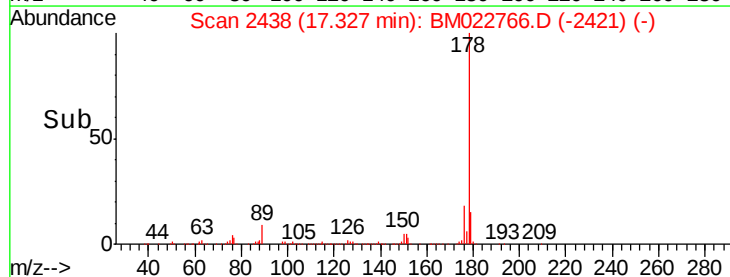
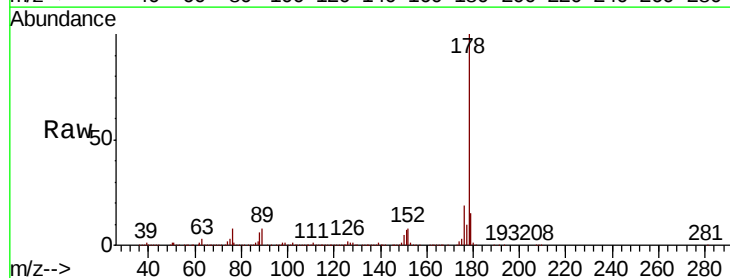
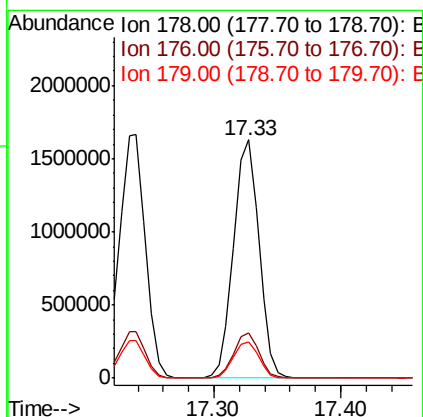
Manual Integrations
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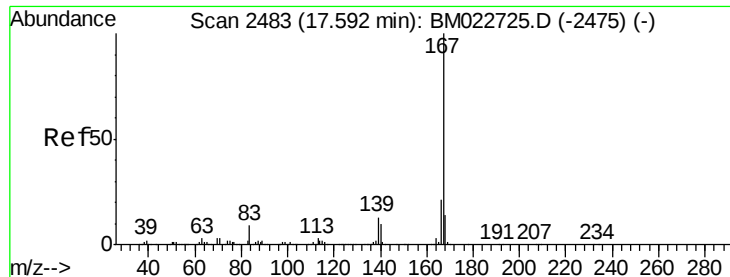
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#72
Anthracene
Concen: 39.698 ng
RT: 17.33 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BM022766.D
Acq: 25 Sep 2019 01:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.7	22.1
179	15.4	12.2	18.4





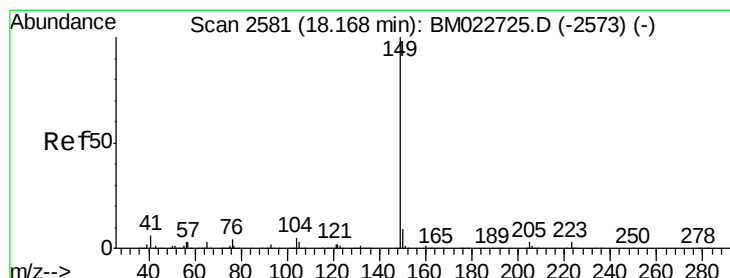
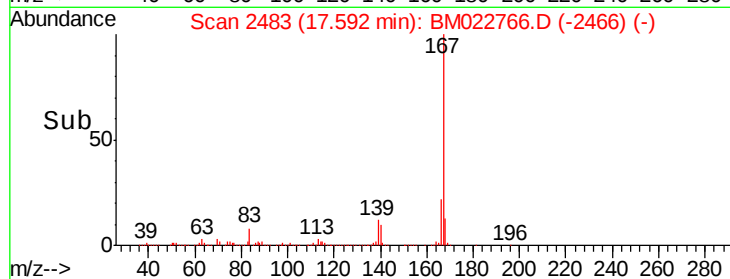
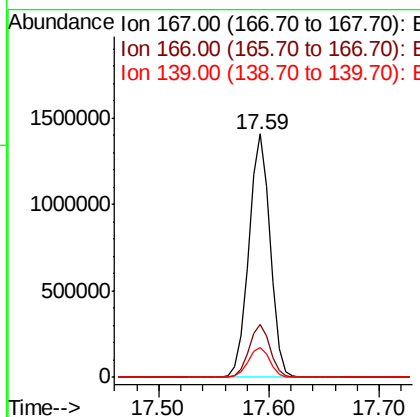
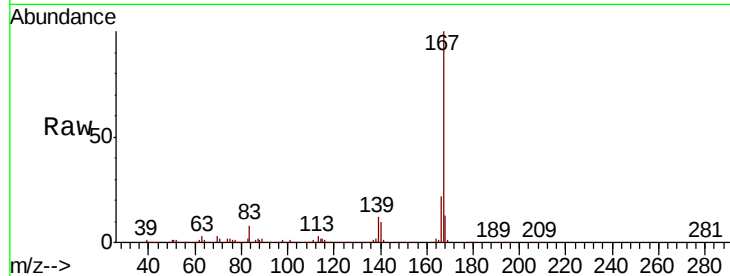
#73
 Carbazole
 Concen: 36.024 ng
 RT: 17.59 min Scan# 2483
 Delta R.T. -0.00 min
 Lab File: BM022766.D
 Acq: 25 Sep 2019 01:06

Instrument :
 BNA_M
 ClientSampleId :
 SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.0	25.4
139	12.3	10.1	15.1

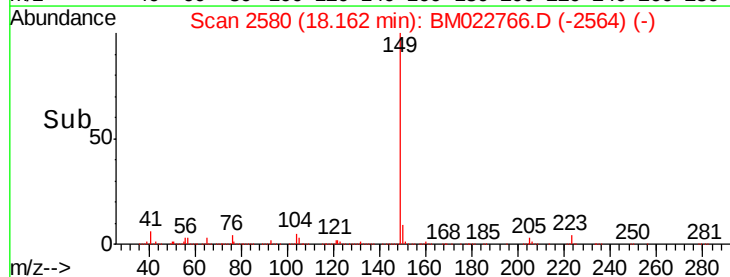
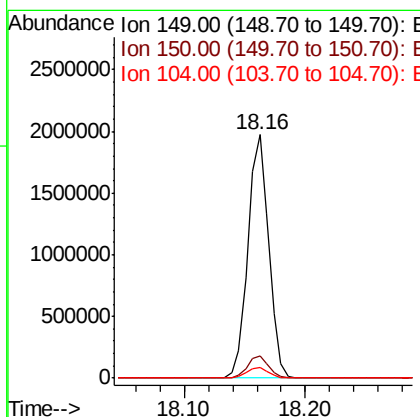
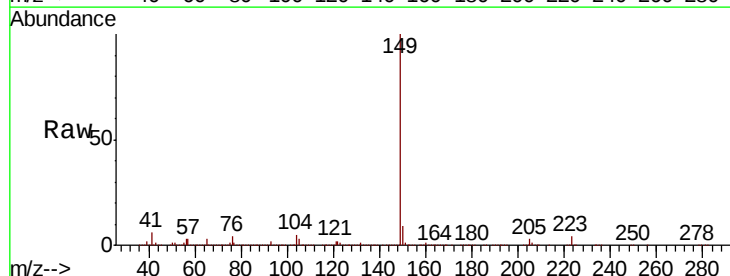
Manual Integrations
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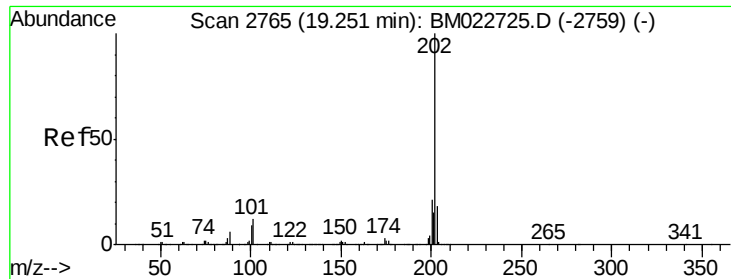
mohammad
 9/26/2019 8:25:49 AM



#74
 Di-n-butylphthalate
 Concen: 39.625 ng
 RT: 18.16 min Scan# 2580
 Delta R.T. -0.01 min
 Lab File: BM022766.D
 Acq: 25 Sep 2019 01:06

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.5	3.8	5.6





#75

Fluoranthene

Concen: 37.742 ng

RT: 19.25 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BM022766.D

Acq: 25 Sep 2019 01:06

Instrument :

BNA_M

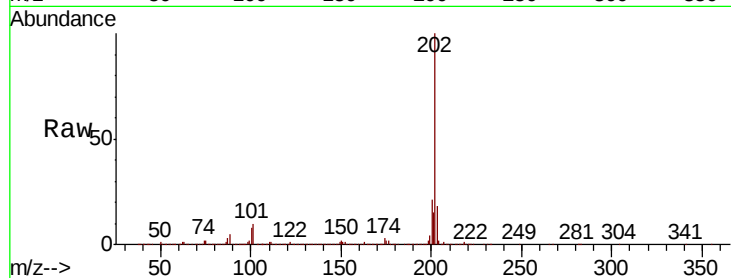
ClientSampleId :

SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	32.1
203	17.5	0.0	37.7

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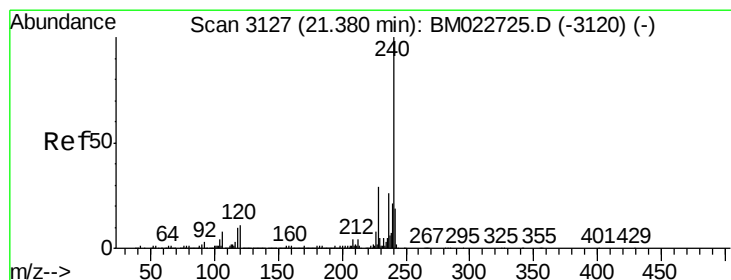
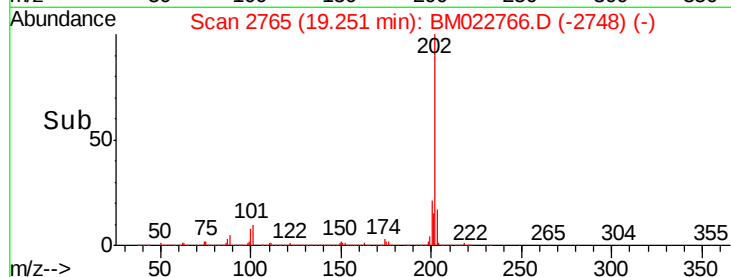
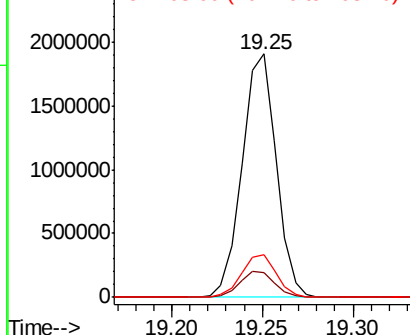


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.37 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BM022766.D

Acq: 25 Sep 2019 01:06

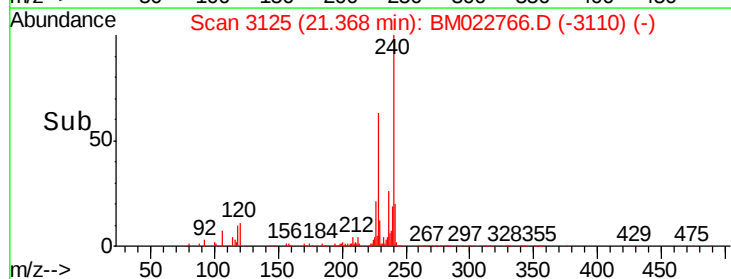
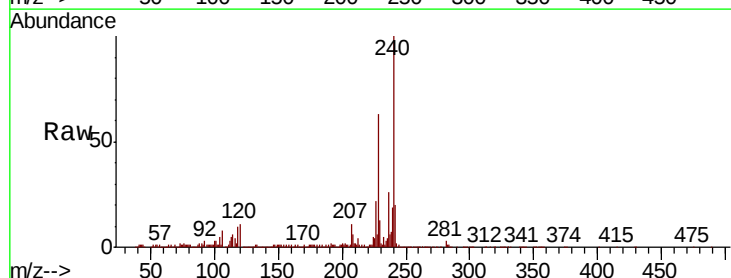
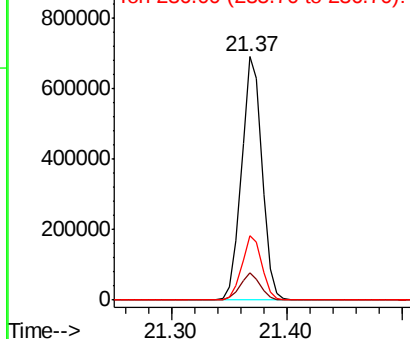
Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.8	13.2
236	26.3	20.8	31.2

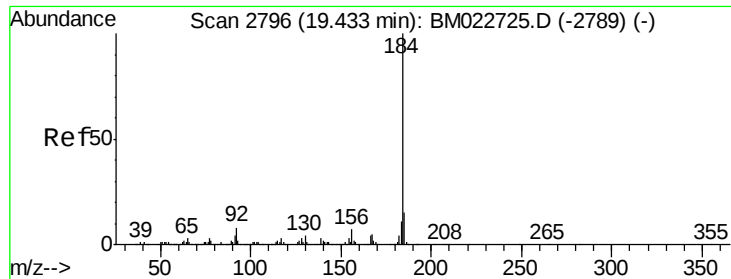
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 54.749 ng

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM022766.D

Acq: 25 Sep 2019 01:06

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MSD

Tot Ion:184 Resp: 1264824

Ion Ratio Lower Upper

184 100

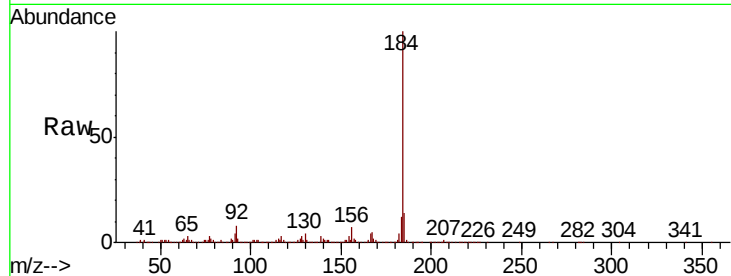
185 14.1 11.6 17.4

183 11.6 9.1 13.7

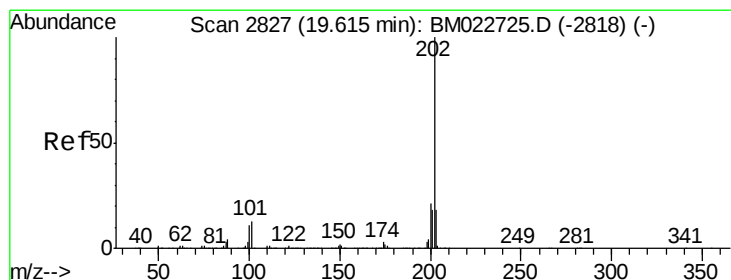
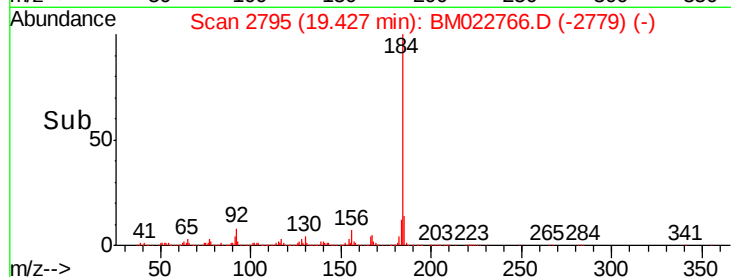
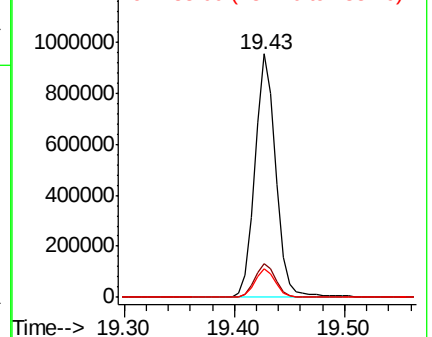
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 49.212 ng

RT: 19.61 min Scan# 2826

Delta R.T. -0.01 min

Lab File: BM022766.D

Acq: 25 Sep 2019 01:06

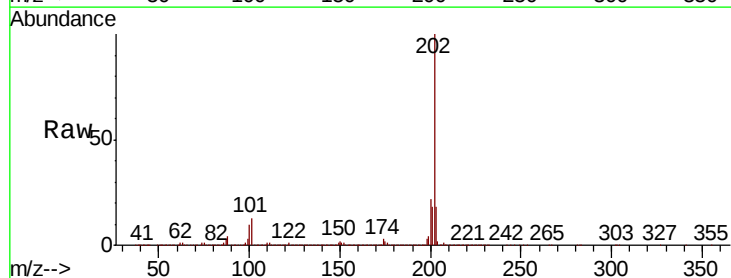
Tgt Ion:202 Resp: 2715923

Ion Ratio Lower Upper

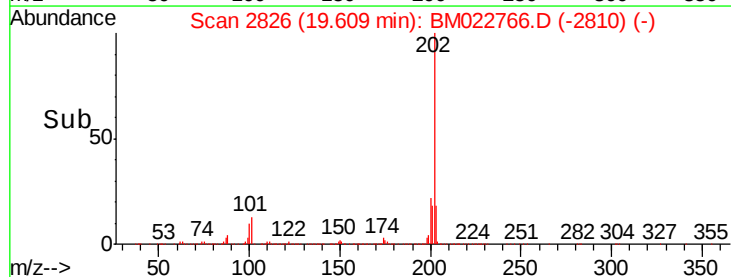
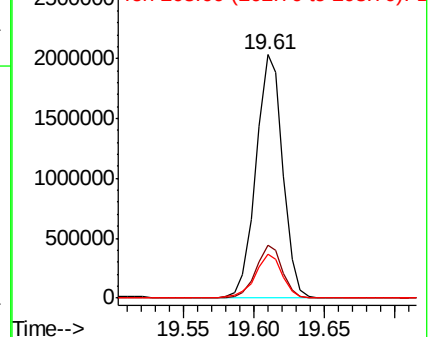
202 100

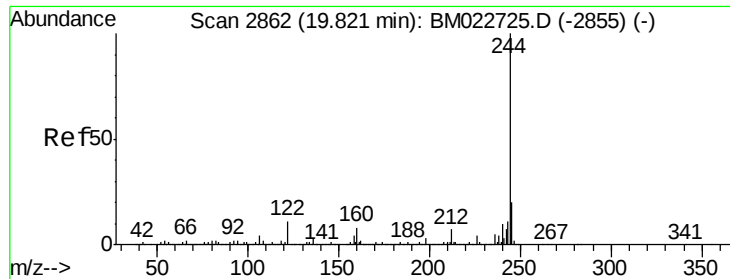
200 21.7 16.7 25.1

203 17.8 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





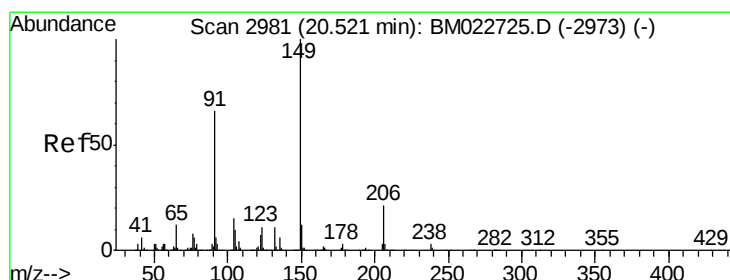
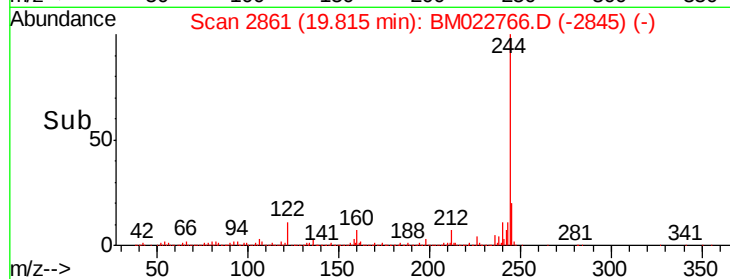
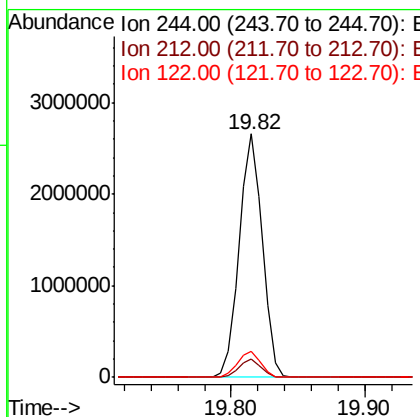
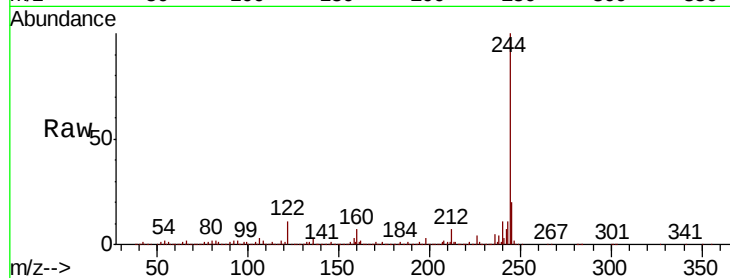
#79
 Terphenyl-d14
 Concen: 73.111 ng
 RT: 19.82 min Scan# 2861
 Delta R.T. -0.01 min
 Lab File: BM022766.D
 Acq: 25 Sep 2019 01:06

Instrument :
 BNA_M
 ClientSampleId :
 SAND-STOCKPILE-1MSD

Tot Ion:244 Resp: 3179563
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 10.7 9.0 13.4

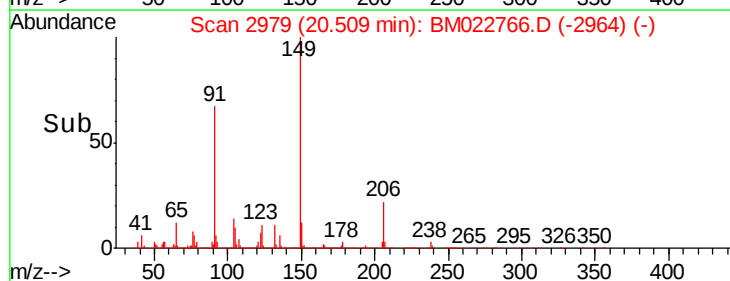
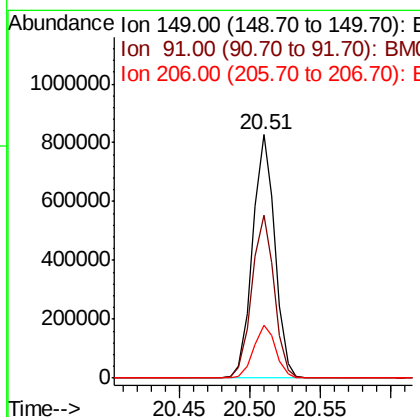
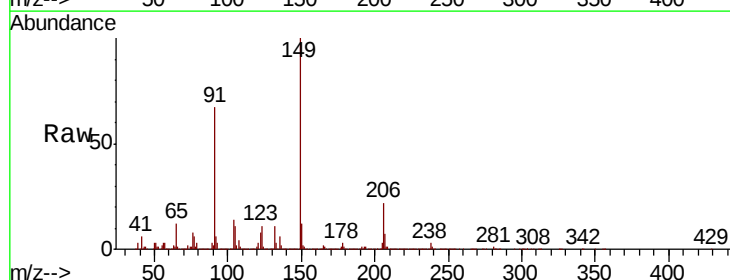
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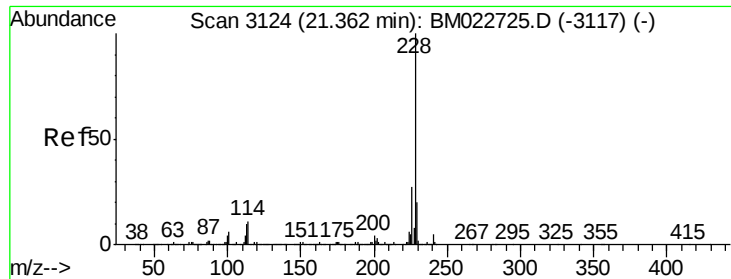
mohammad
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#80
 Butylbenzylphthalate
 Concen: 43.576 ng
 RT: 20.51 min Scan# 2979
 Delta R.T. -0.01 min
 Lab File: BM022766.D
 Acq: 25 Sep 2019 01:06

Tgt Ion:149 Resp: 913976
 Ion Ratio Lower Upper
 149 100
 91 66.8 53.0 79.4
 206 21.7 16.9 25.3





#81

Benzo(a)anthracene

Concen: 41.963 ng

RT: 21.36 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BM022766.D

Acq: 25 Sep 2019 01:06

Instrument :

BNA_M

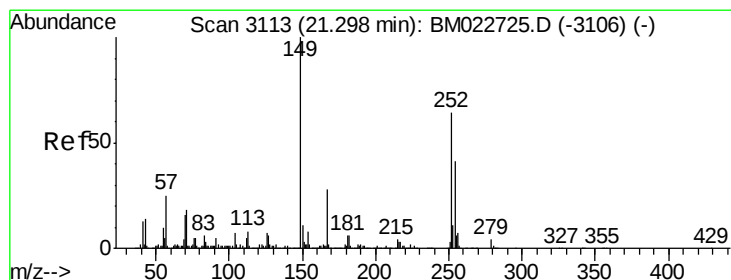
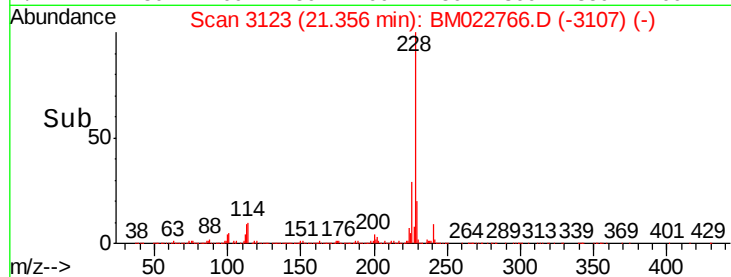
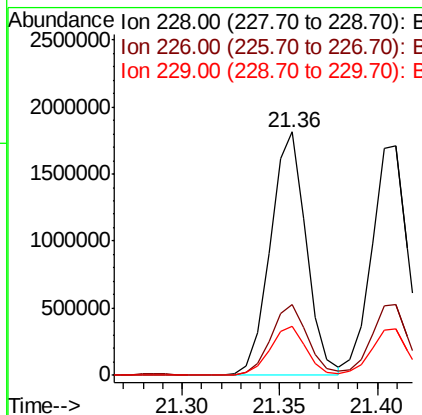
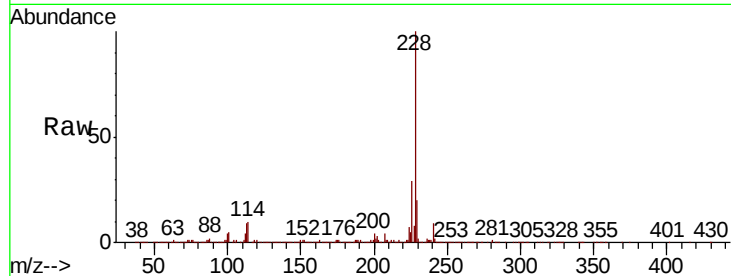
ClientSampleId :

SAND-STOCKPILE-1MSD

Tot Ion:	228	Resp:	2290315
Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.0	33.0
229	20.2	15.9	23.9

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 36.853 ng

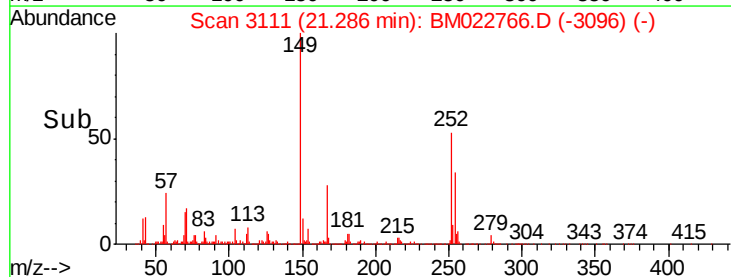
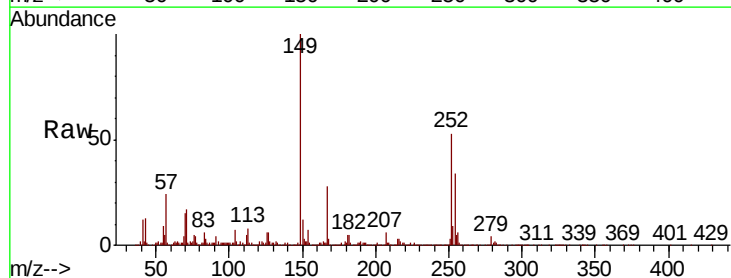
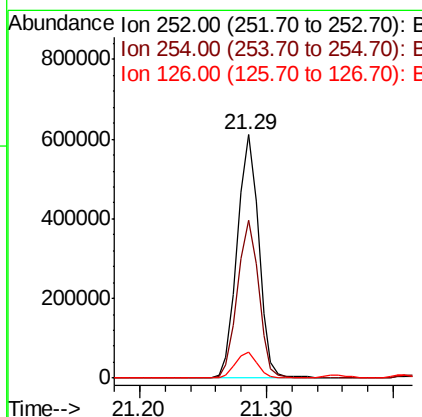
RT: 21.29 min Scan# 3111

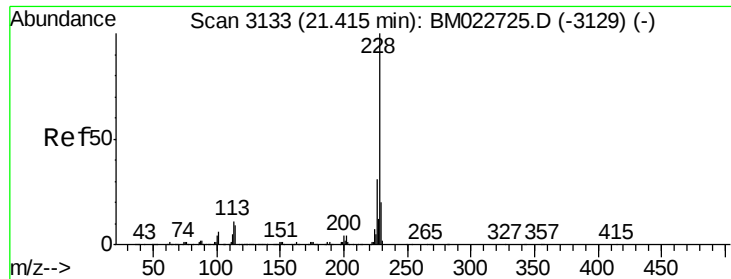
Delta R.T. -0.01 min

Lab File: BM022766.D

Acq: 25 Sep 2019 01:06

Tgt Ion:	252	Resp:	713301
Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.7	77.5
126	10.5	8.3	12.5





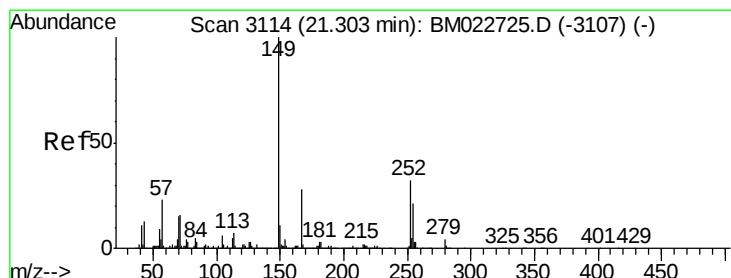
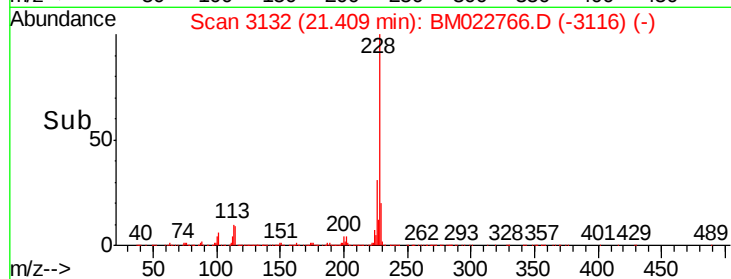
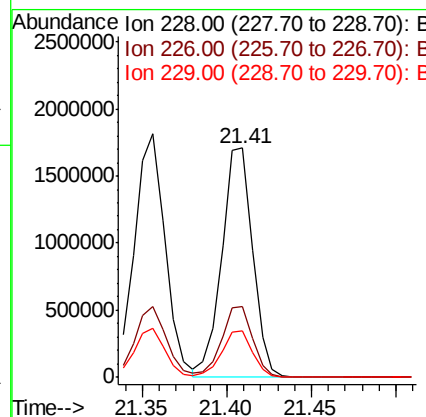
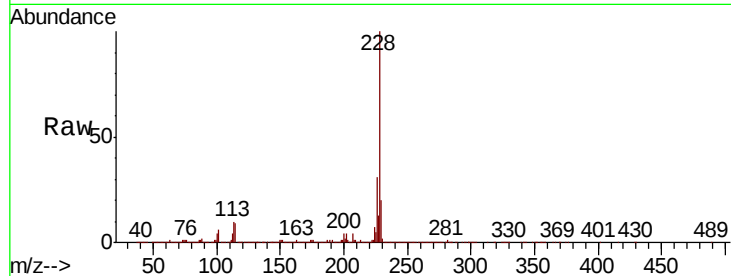
#83
 Chrvsene
 Concen: 41.166 ng
 RT: 21.41 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BM022766.D
 Acq: 25 Sep 2019 01:06

Instrument :
 BNA_M
 ClientSampleId :
 SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.5	36.7
229	20.0	15.9	23.9

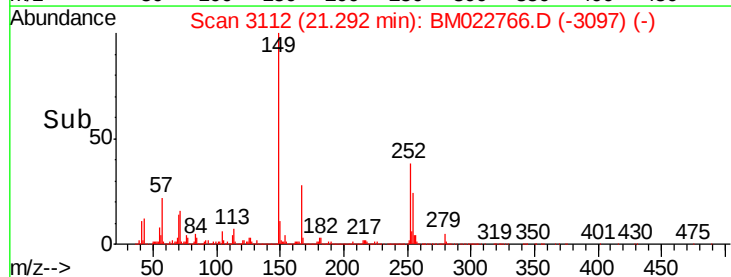
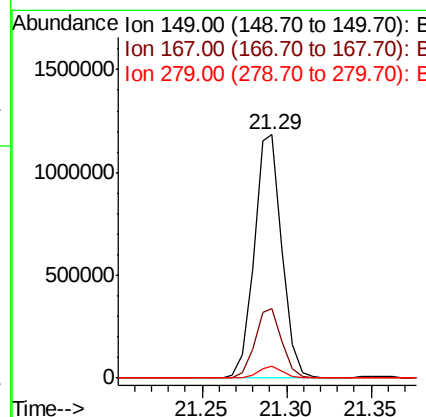
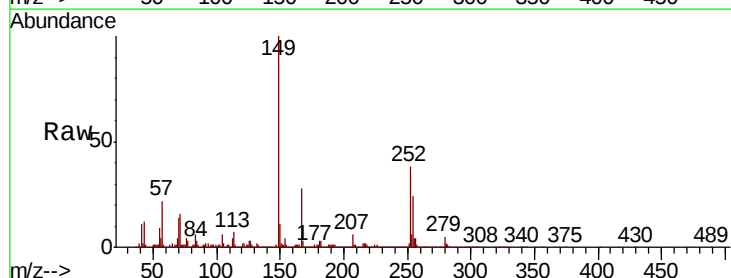
Manual Integrations
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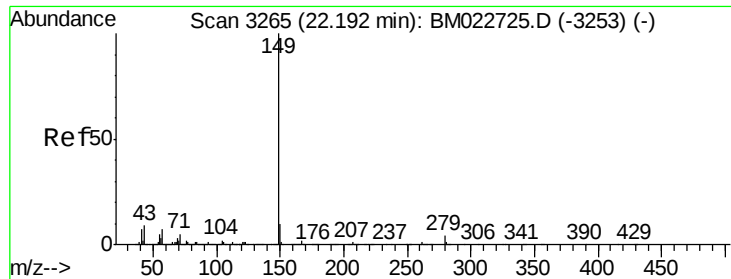
mohammad
 9/26/2019 8:25:49 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.033 ng
 RT: 21.29 min Scan# 3112
 Delta R.T. -0.01 min
 Lab File: BM022766.D
 Acq: 25 Sep 2019 01:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.1	33.1
279	4.8	3.4	5.0





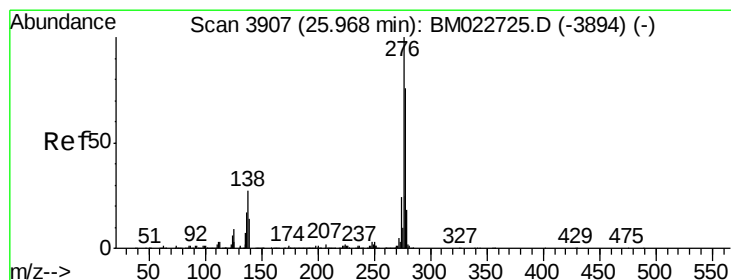
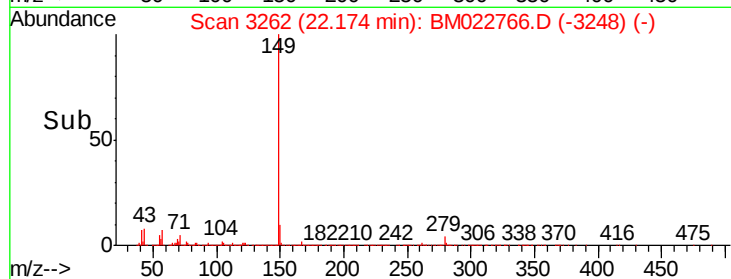
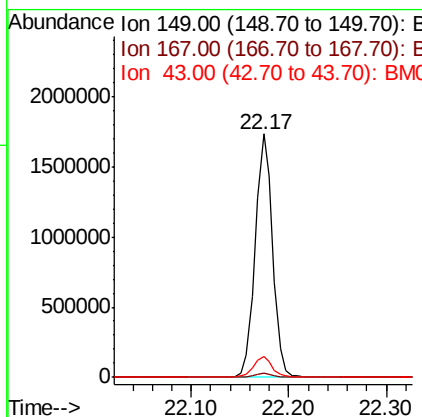
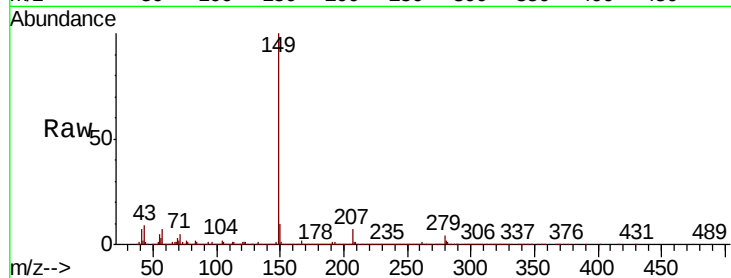
#85
Di-n-octyl phthalate
Concen: 43.940 ng
RT: 22.17 min Scan# 3262
Delta R.T. -0.02 min
Lab File: BM022766.D
Acq: 25 Sep 2019 01:06

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.3	7.4	11.0

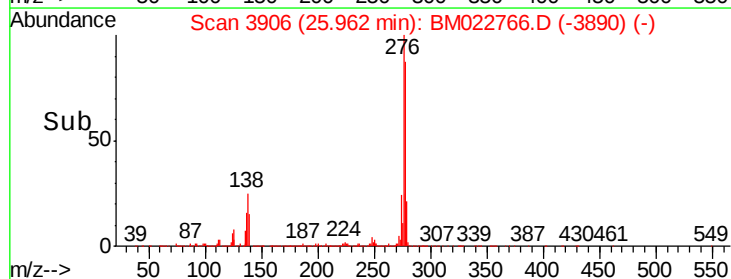
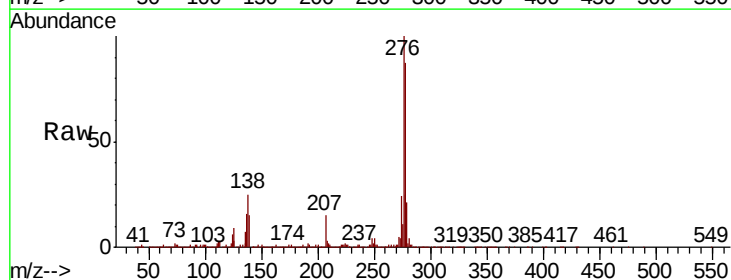
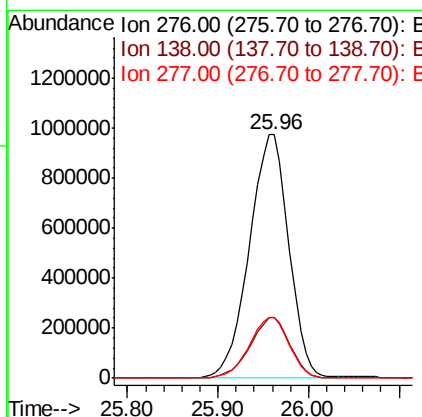
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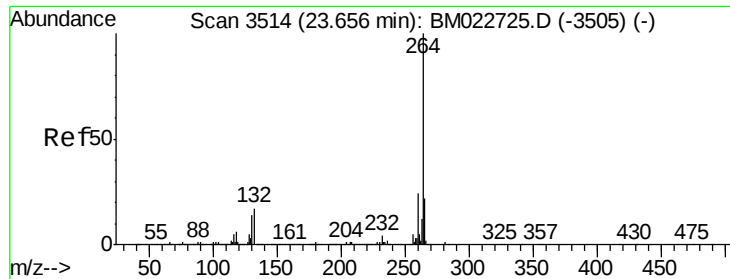
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 46.366 ng
RT: 25.96 min Scan# 3906
Delta R.T. -0.01 min
Lab File: BM022766.D
Acq: 25 Sep 2019 01:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.8	0.0	0.0#
277	25.0	0.0	0.0#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.64 min Scan# 3512

Delta R.T. -0.01 min

Lab File: BM022766.D

Acq: 25 Sep 2019 01:06

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MSD

Tot Ion:264 Resp: 1038511

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

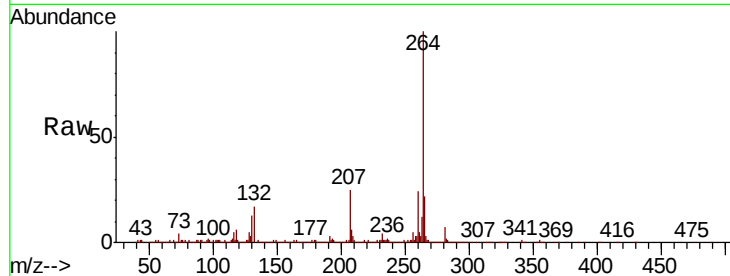
265 22.3 17.9 26.9

Manual Integrations

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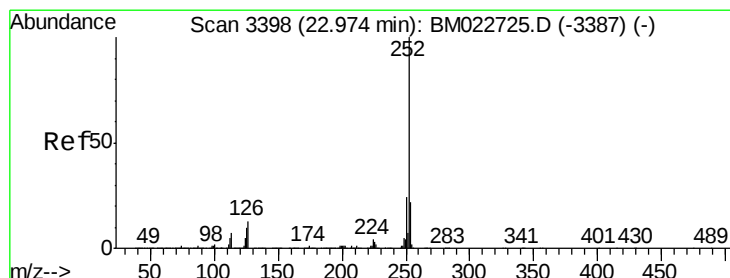
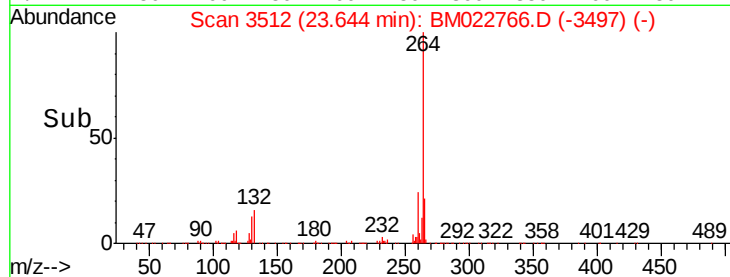
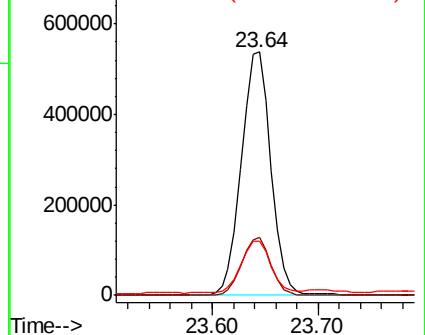
9/26/2019 8:25:49 AM



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.349 ng

RT: 22.96 min Scan# 3396

Delta R.T. -0.01 min

Lab File: BM022766.D

Acq: 25 Sep 2019 01:06

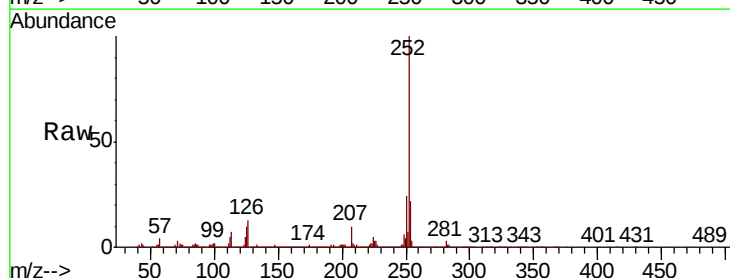
Tgt Ion:252 Resp: 2411357

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

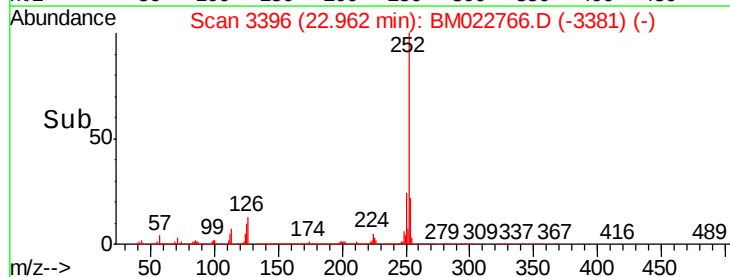
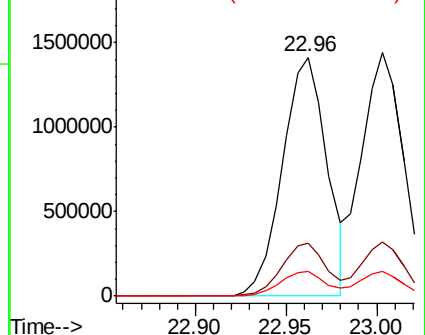
125 10.1 8.2 12.4

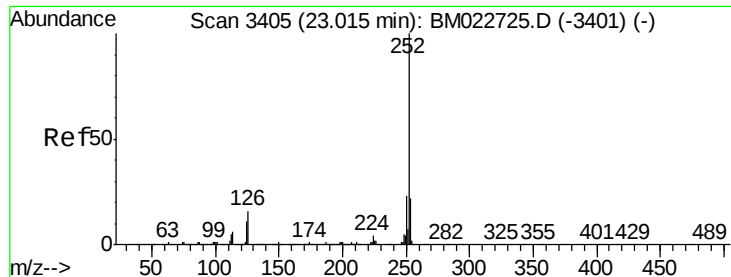


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





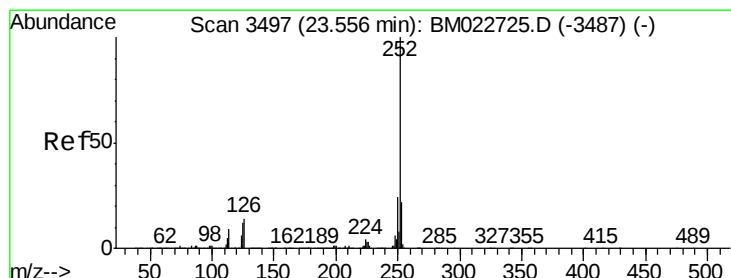
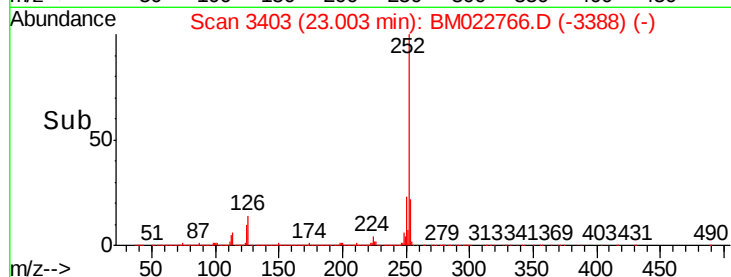
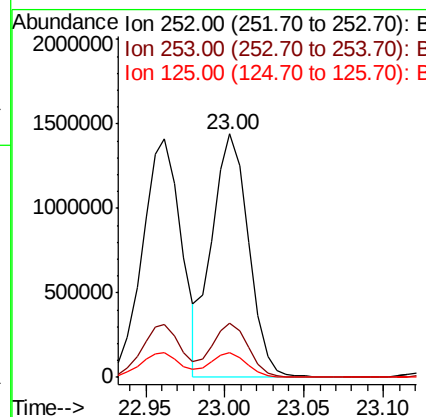
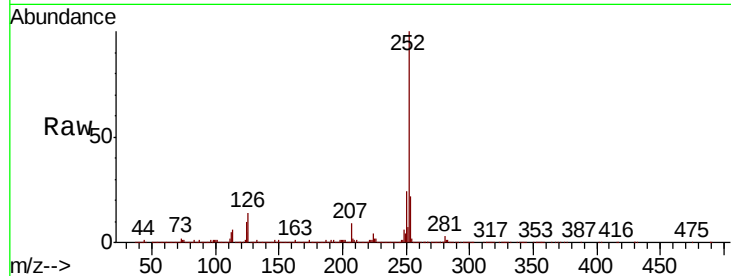
#89
Benzo(k)fluoranthene
Concen: 36.990 ng
RT: 23.00 min Scan# 3403
Delta R.T. -0.01 min
Lab File: BM022766.D
Acq: 25 Sep 2019 01:06

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	10.1	8.5	12.7

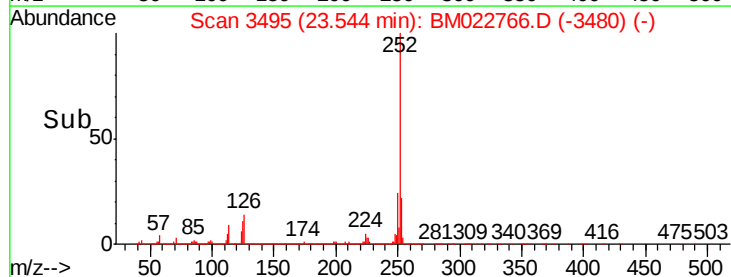
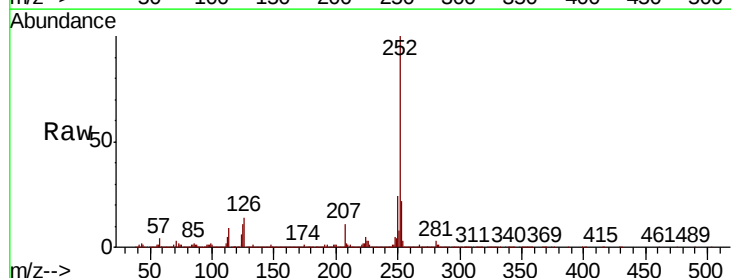
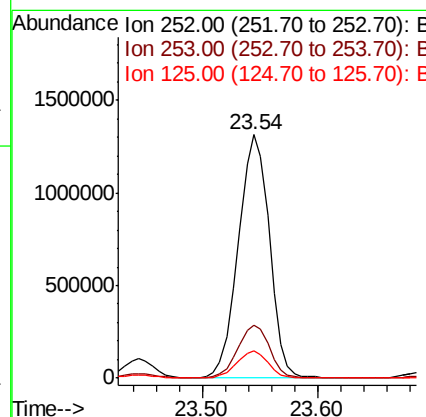
Manual Integrations
APPROVED

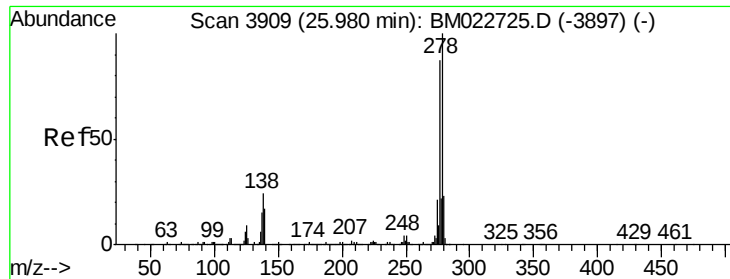
mohammad
9/26/2019 8:25:49 AM



#90
Benzo(a)pyrene
Concen: 42.277 ng
RT: 23.54 min Scan# 3495
Delta R.T. -0.01 min
Lab File: BM022766.D
Acq: 25 Sep 2019 01:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	11.2	9.3	13.9





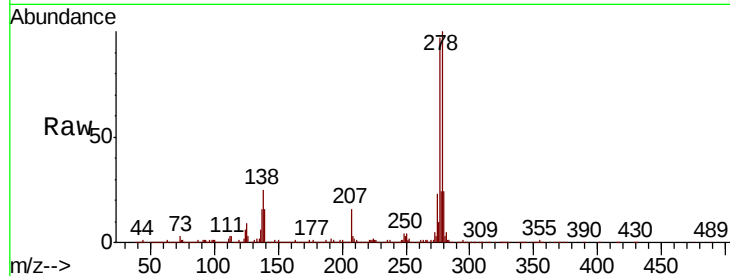
#91
Dibenzo(a,h)anthracene
Concen: 38.605 ng
RT: 25.97 min Scan# 3907
Delta R.T. -0.01 min
Lab File: BM022766.D
Acq: 25 Sep 2019 01:06

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.5	13.7	20.5
279	24.0	18.6	28.0

Manual Integrations
APPROVED

mohammad
9/26/2019 8:25:49 AM

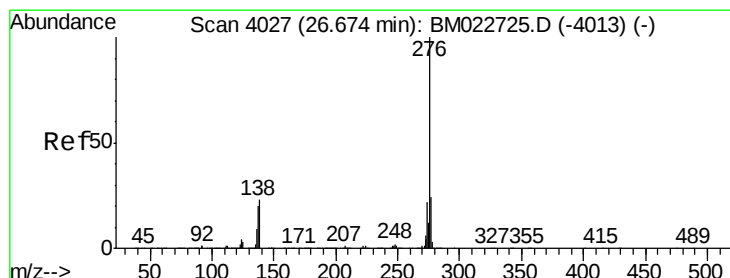
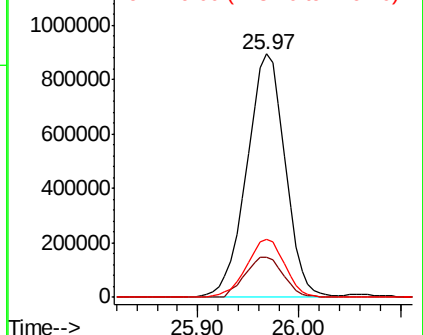
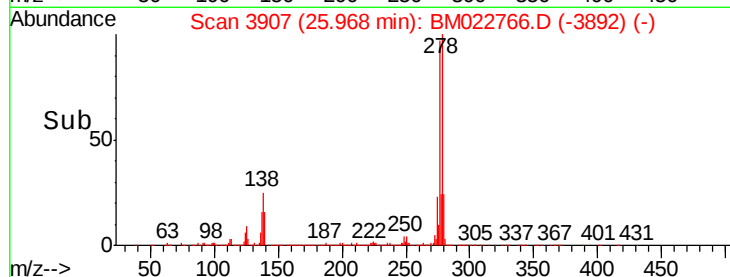


Abundance

Ion 278.00 (277.70 to 278.70): E

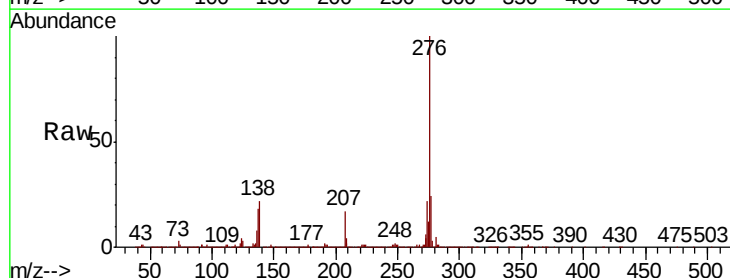
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 42.992 ng
RT: 26.67 min Scan# 4026
Delta R.T. -0.01 min
Lab File: BM022766.D
Acq: 25 Sep 2019 01:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.1	28.7
138	21.7	18.5	27.7



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

