

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092519\
 Data File : BM022781.D
 Acq On : 25 Sep 2019 20:57
 Operator : JU
 Sample : K4980-04MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SAND-STOCKPILE-1MSD

Manual Integrations
 APPROVED

mohammad
 9/26/2019 3:55:10 PM

Quant Time: Sep 26 06:48:34 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	242993	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	873983	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	478058	20.00	ng	0.00
64) Phenanthrene-d10	17.19	188	893833	20.00	ng	0.00
76) Chrysene-d12	21.37	240	926533	20.00	ng	0.00
87) Perylene-d12	23.64	264	1099903	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1432319	93.48	ng	0.00
7) Phenol-d6	6.99	99	1875507	95.31	ng	0.00
23) Nitrobenzene-d5	8.97	82	1067399	67.79	ng	0.00
42) 2,4,6-Tribromophenol	15.94	330	637215	106.78	ng	0.00
45) 2-Fluorobiphenyl	13.08	172	2431246	70.03	ng	0.00
79) Terphenyl-d14	19.82	244	3136726	65.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.31	88	166809	27.057	ng	# 100
3) Pyridine	3.72	79	400891	24.670	ng	100
4) n-Nitrosodimethylamine	3.62	42	193475	32.705	ng	# 99
6) Aniline	7.15	93	608253	25.778	ng	100
8) 2-Chlorophenol	7.39	128	555166	35.564	ng	100
9) Benzaldehyde	6.96	77	352507	31.460	ng	100
10) Phenol	7.02	94	660841	35.670	ng	99
11) bis(2-Chloroethyl)ether	7.25	93	499009	34.283	ng	99
12) 1,3-Dichlorobenzene	7.71	146	606576	32.511	ng	100
13) 1,4-Dichlorobenzene	7.86	146	624954	33.087	ng	99
14) 1,2-Dichlorobenzene	8.17	146	586469	32.568	ng	99
15) Benzyl Alcohol	8.06	79	428318	34.784	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.35	45	663857	31.397	ng	99
17) 2-Methylphenol	8.26	107	425897	34.731	ng	99
18) Hexachloroethane	8.90	117	220278	31.797	ng	97
19) n-Nitroso-di-n-propylamine	8.63	70	367562	33.448	ng	98
20) 3+4-Methylphenols	8.59	107	563694	34.512	ng	99
22) Acetophenone	8.64	105	738486	34.231	ng	99
24) Nitrobenzene	9.02	77	542569	36.017	ng	98
25) Isophorone	9.55	82	981594	37.917	ng	99
26) 2-Nitrophenol	9.73	139	275392	42.347	ng	97
27) 2,4-Dimethylphenol	9.79	122	473227	43.467	ng	100
28) bis(2-Chloroethoxy)methane	10.02	93	646654	36.097	ng	100
29) 2,4-Dichlorophenol	10.26	162	485093	39.410	ng	98
30) 1,2,4-Trichlorobenzene	10.47	180	543520	35.890	ng	99
31) Naphthalene	10.66	128	1633617	37.829	ng	100
32) Benzoic acid	9.90	122	226304	31.710	ng	95
33) 4-Chloroaniline	10.77	127	341822	18.231	ng	99
34) Hexachlorobutadiene	10.96	225	332461	36.828	ng	99
35) Caprolactam	11.55	113	132028m	36.181	ng	
36) 4-Chloro-3-methylphenol	11.89	107	454995	37.888	ng	99
37) 2-Methylnaphthalene	12.27	142	1154402	38.404	ng	100
38) 1-Methylnaphthalene	12.49	142	1071370	37.548	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	583815	36.041	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.63	237	402675	45.561	nq	99
43) 2,4,6-Trichlorophenol	12.89	196	372045	39.794	nq	99
44) 2,4,5-Trichlorophenol	12.96	196	388445	39.871	nq	98
46) 1,1'-Biphenyl	13.29	154	1396428	35.294	nq	100
47) 2-Chloronaphthalene	13.33	162	1071778	36.344	nq	99
48) 2-Nitroaniline	13.53	65	269135	35.048	nq	99
49) Acenaphthylene	14.17	152	1800856	41.238	nq	100
50) Dimethylphthalate	13.91	163	1534409	44.414	nq	100
51) 2,6-Dinitrotoluene	14.02	165	273820	37.891	nq	99
52) Acenaphthene	14.52	154	990823	34.680	nq	100
53) 3-Nitroaniline	14.35	138	205080	24.651	nq	99
54) 2,4-Dinitrophenol	14.56	184	153368	42.717	nq	96
55) Dibenzofuran	14.85	168	1535624	36.817	nq	99
56) 4-Nitrophenol	14.66	139	481264	75.263	nq	97
57) 2,4-Dinitrotoluene	14.81	165	355592	37.560	nq	99
58) Fluorene	15.50	166	1262711	37.255	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	328662	38.681	nq	97
60) Diethylphthalate	15.27	149	1246511	37.107	nq	100
61) 4-Chlorophenyl-phenylether	15.50	204	635864	36.512	nq	99
62) 4-Nitroaniline	15.51	138	283795	32.537	nq	98
63) Azobenzene	15.79	77	1084622	35.754	nq	99
65) 4,6-Dinitro-2-methylphenol	15.57	198	115829	28.864	nq	96
66) n-Nitrosodiphenylamine	15.71	169	1072704	39.284	nq	100
67) 4-Bromophenyl-phenylether	16.39	248	388011	39.029	nq	99
68) Hexachlorobenzene	16.51	284	421064	36.318	nq	96
69) Atrazine	16.66	200	320670	36.124	nq	99
70) Pentachlorophenol	16.84	266	513427	83.039	nq	99
71) Phenanthrene	17.23	178	2071048	41.064	nq	100
72) Anthracene	17.33	178	1958713	40.072	nq	99
73) Carbazole	17.59	167	1676614	36.861	nq	99
74) Di-n-butylphthalate	18.16	149	2106781	40.849	nq	100
75) Fluoranthene	19.25	202	2422730	42.569	nq	98
77) Benzidine	19.43	184	1248194	49.107	nq	100
78) Pyrene	19.61	202	2716572	44.739	nq	99
80) Butylbenzylphthalate	20.51	149	934153	40.480	nq	99
81) Benzo(a)anthracene	21.36	228	2512184	41.835	nq	98
82) 3,3'-Dichlorobenzidine	21.29	252	824394	38.712	nq	100
83) Chrysene	21.41	228	2414324	41.471	nq	100
84) Bis(2-ethylhexyl)phthalate	21.29	149	1438363	42.067	nq	99
85) Di-n-octyl phthalate	22.18	149	2474917	45.415	nq	98
86) Indeno(1,2,3-cd)pyrene	25.96	276	3012967	43.361	nq	# 100
88) Benzo(b)fluoranthene	22.96	252	2706398	40.639	nq	100
89) Benzo(k)fluoranthene	23.01	252	2409949	36.471	nq	99
90) Benzo(a)pyrene	23.55	252	2596267	42.308	nq	99
91) Dibenzo(a,h)anthracene	25.97	278	2412892	37.591	nq	98
92) Benzo(g,h,i)perylene	26.67	276	2529190	41.485	nq	98

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

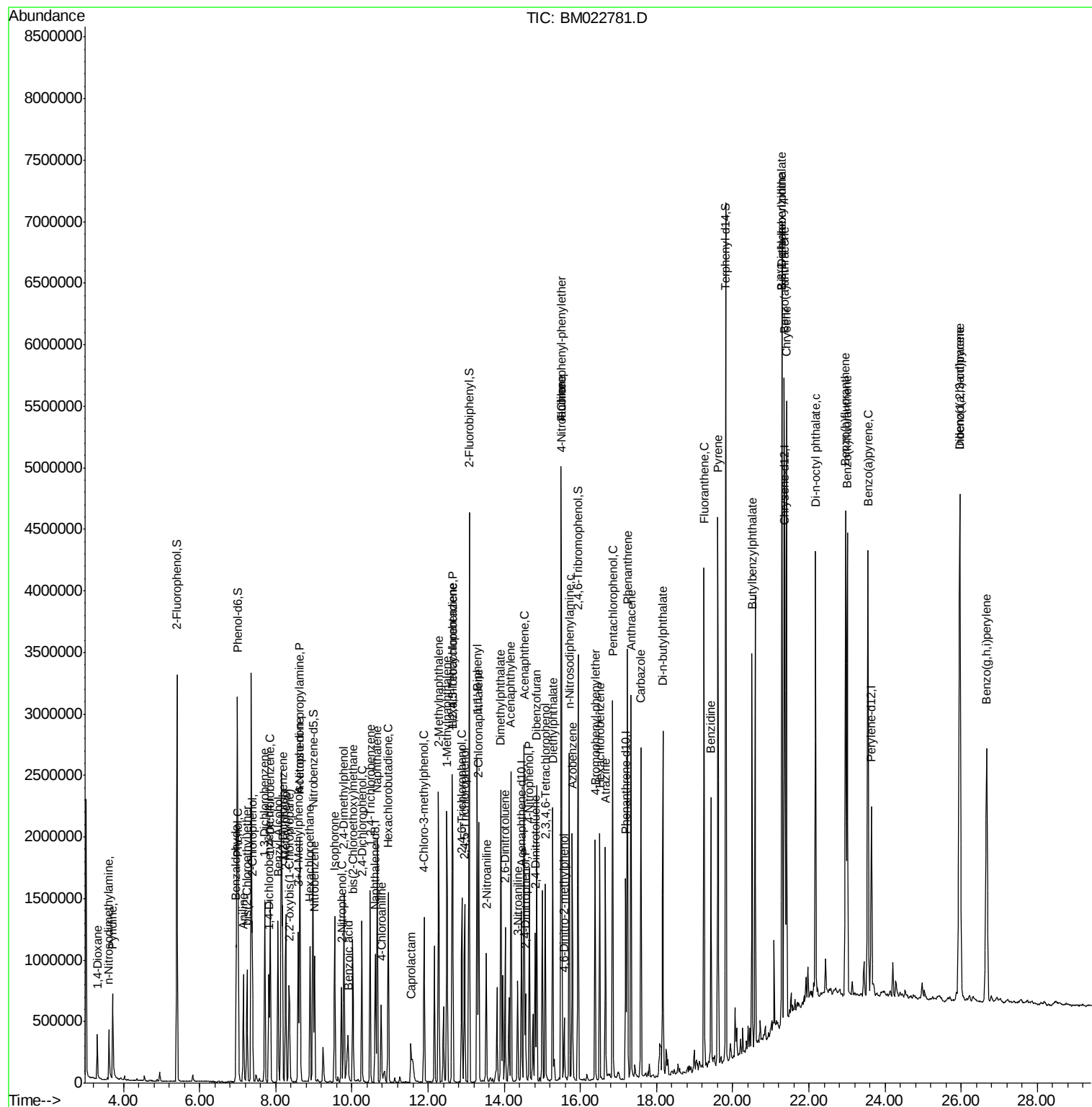
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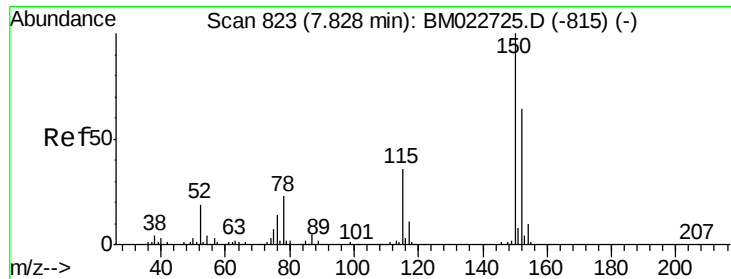
Instrument :
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#1

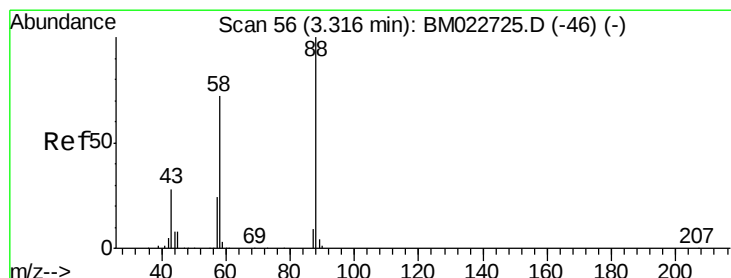
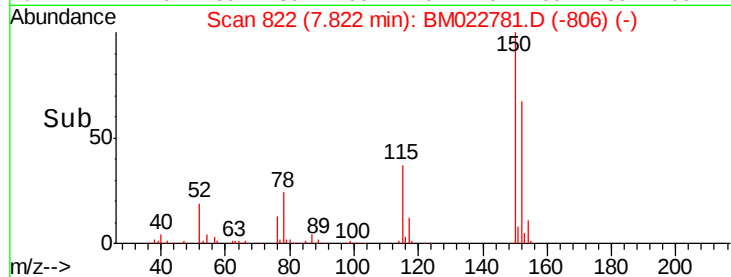
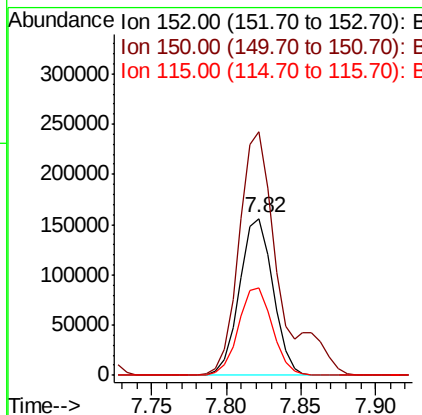
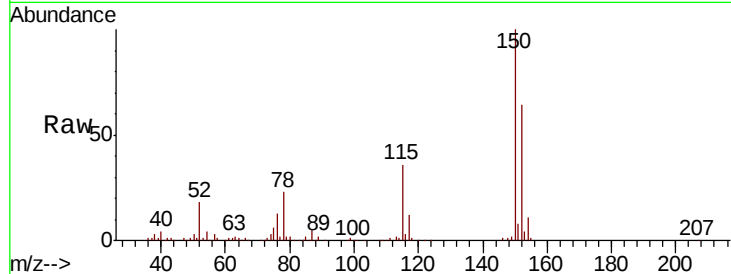
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.5	186.7
115	55.6	45.0	67.4

Manual Integrations
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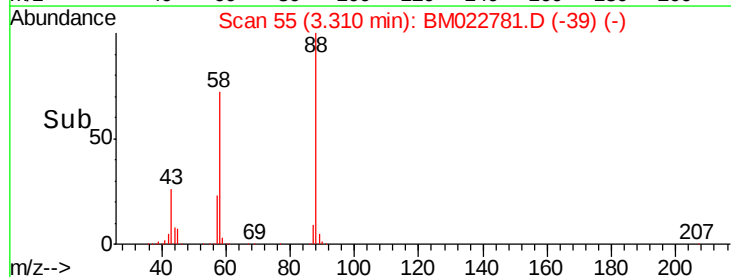
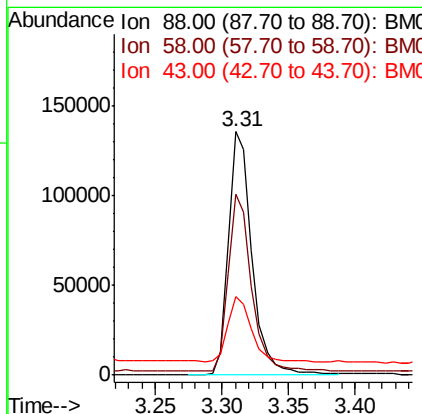
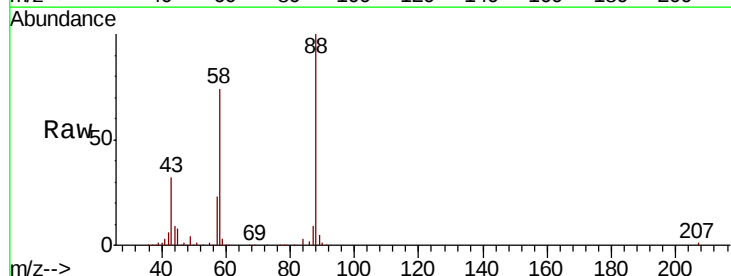
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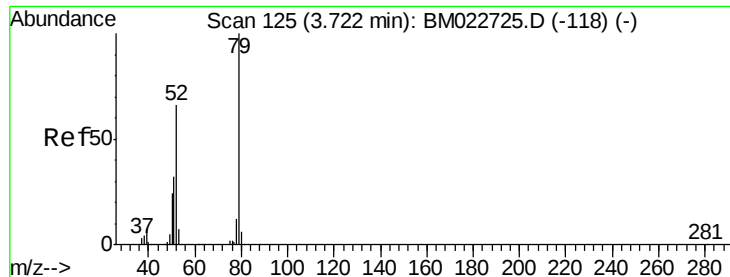


#2

1,4-Dioxane
Concen: 27.057 ng
RT: 3.31 min Scan# 55
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.4	0.0	0.0#
43	27.9	0.0	0.0#





#3

Pvridine

Concen: 24.670 ng

RT: 3.72 min Scan# 124

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Instrument :

BNA_M

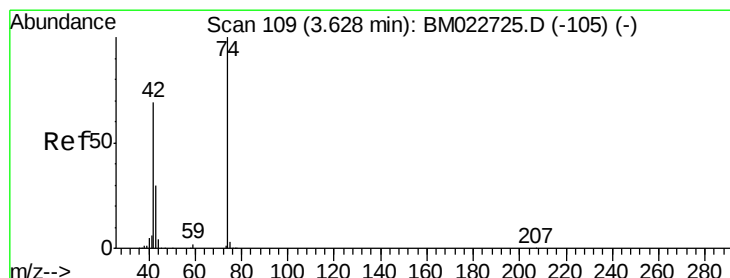
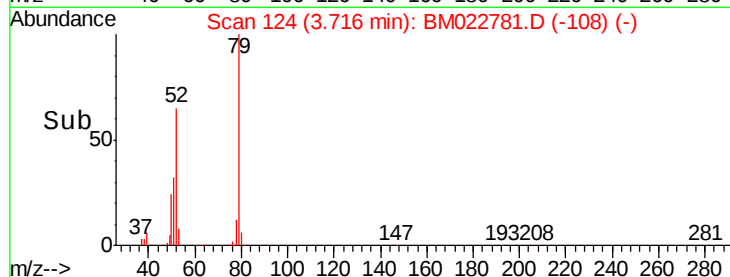
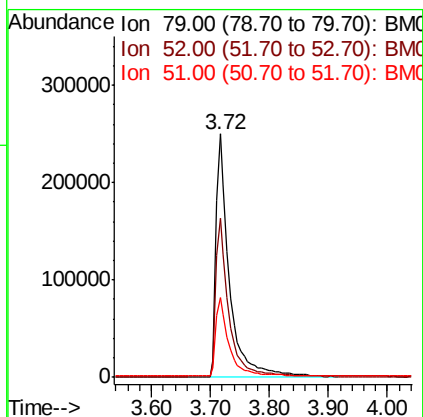
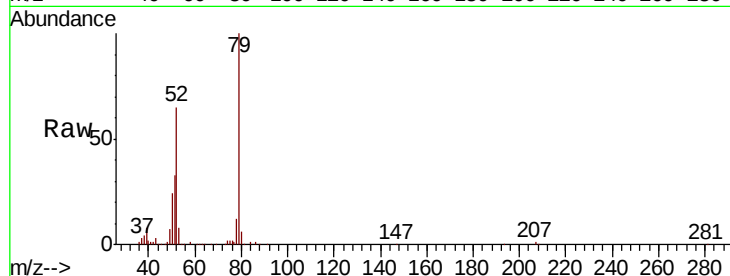
ClientSampleId :

SAND-STOCKPILE-1MSD

Tot Ion:	79	Resp:	400891
Ion Ratio	Lower	Upper	
79	100		
52	65.1	52.4	78.6
51	32.8	26.2	39.4

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#4

n-Nitrosodimethylamine

Concen: 32.705 ng

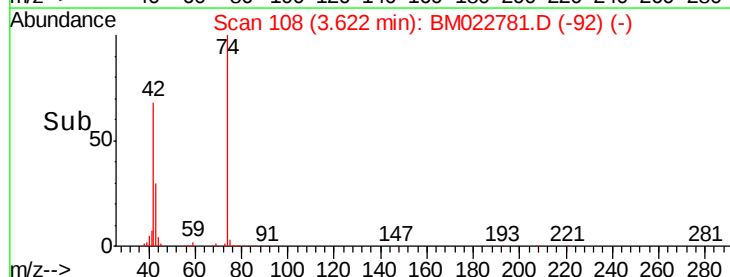
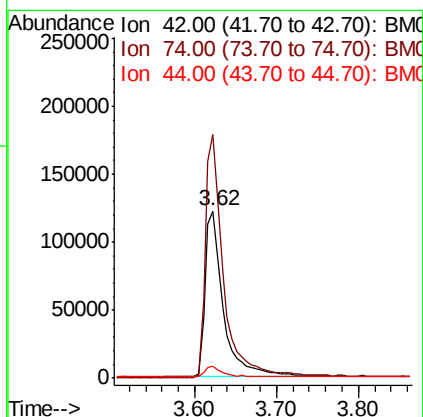
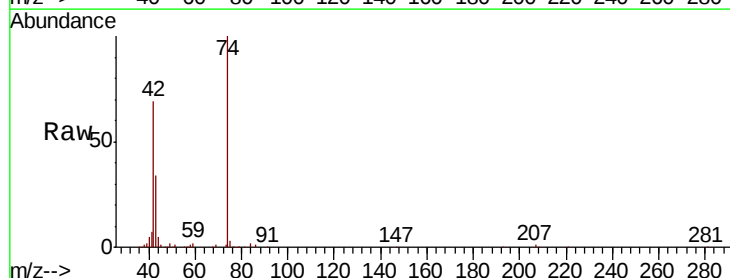
RT: 3.62 min Scan# 108

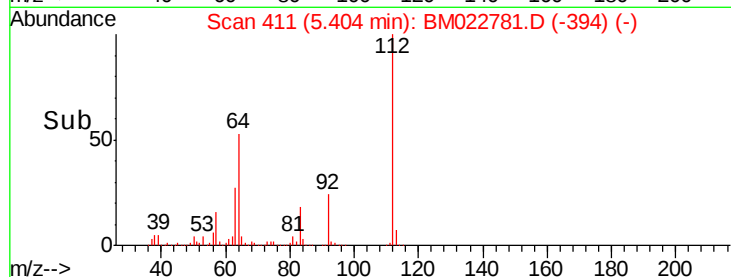
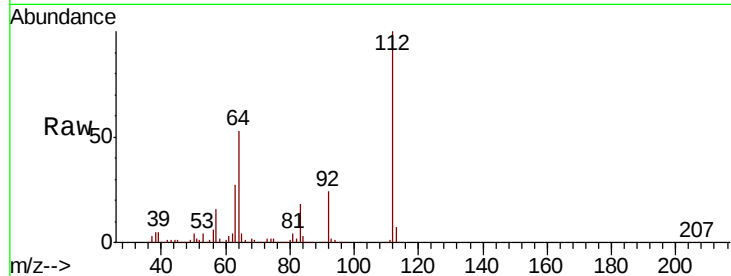
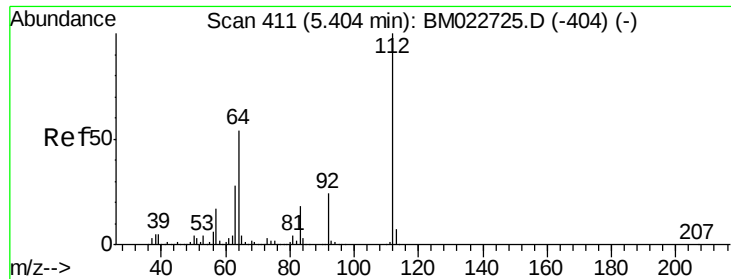
Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Tgt Ion:	42	Resp:	193475
Ion Ratio	Lower	Upper	
42	100		
74	145.9	116.6	175.0
44	7.3	8.2	12.4#





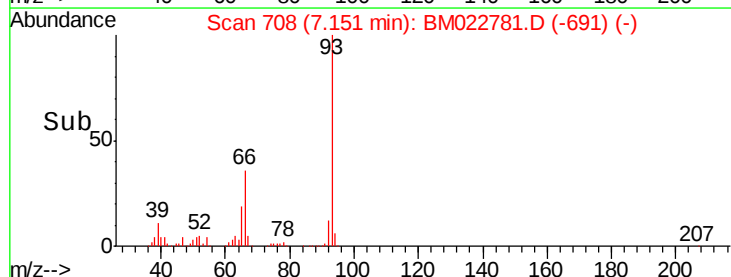
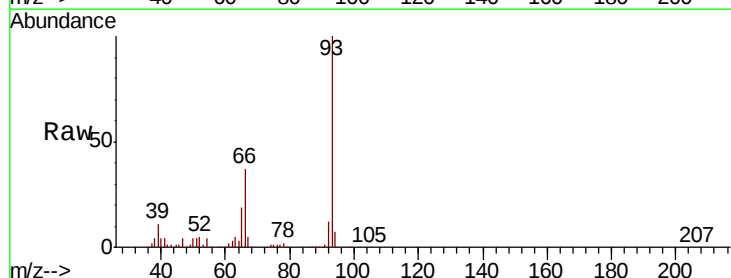
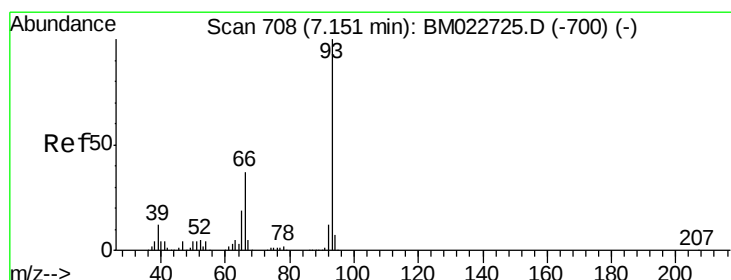
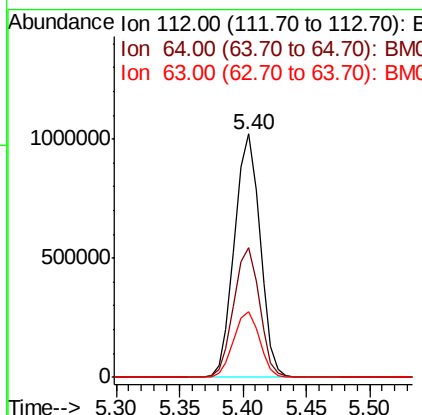
#5
2-Fluorophenol
Concen: 93.484 ng
RT: 5.40 min Scan# 411
Delta R.T. -0.00 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Tot Ion	Ratio	Resp	Lower	Upper
112	100	1432319		
64	53.3		43.4	65.2
63	27.0		22.1	33.1

Instrument :
BNA_M
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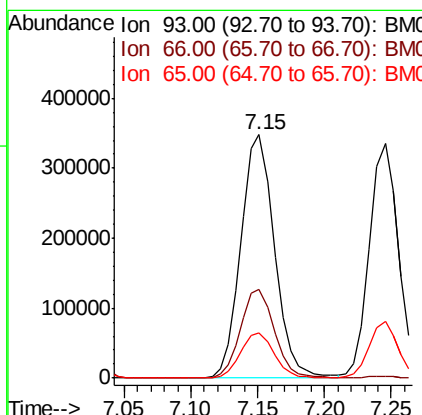
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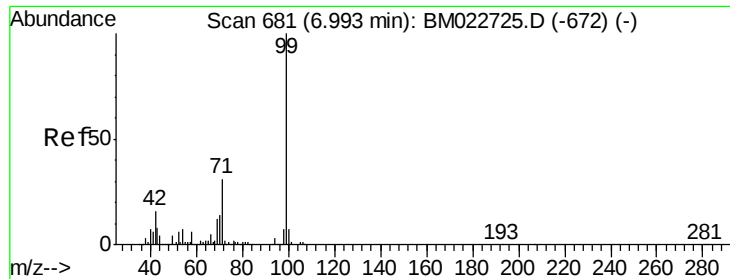
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#6
Aniline
Concen: 25.778 ng
RT: 7.15 min Scan# 708
Delta R.T. -0.00 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	608253		
66	36.7		29.3	43.9
65	18.8		15.3	22.9





#7

Phenol-d6

Concen: 95.307 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.00 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MSD

Tot Ion: 99 Resp: 1875507

Ion Ratio Lower Upper

99 100

42 16.0 13.0 19.4

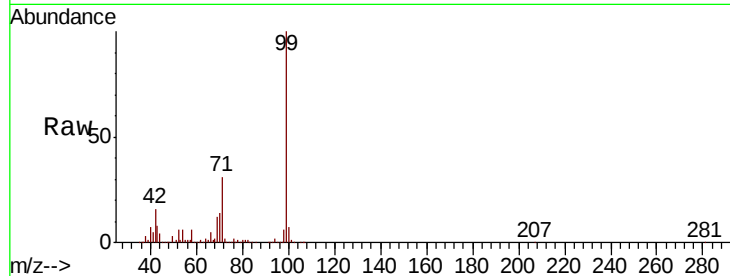
71 31.2 24.7 37.1

Manual Integrations

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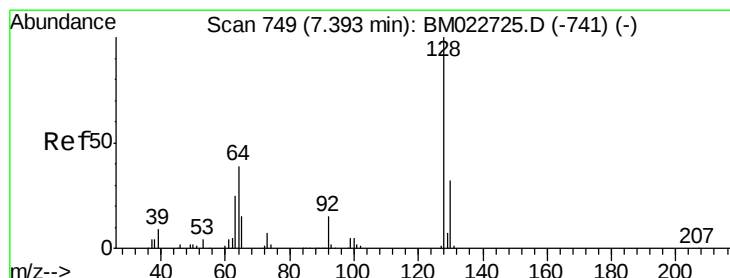
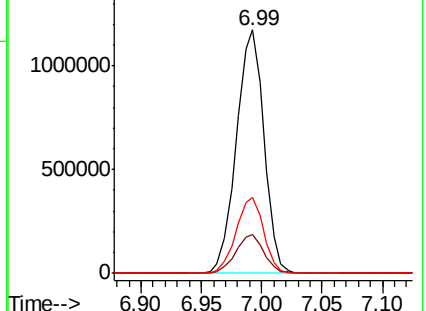
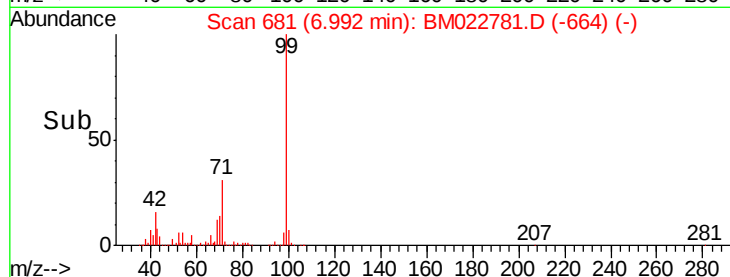
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Abundance Ion 99.00 (98.70 to 99.70): BM022781.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM022781.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM022781.D (-664) (-)



#8

2-Chlorophenol

Concen: 35.564 ng

RT: 7.39 min Scan# 748

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

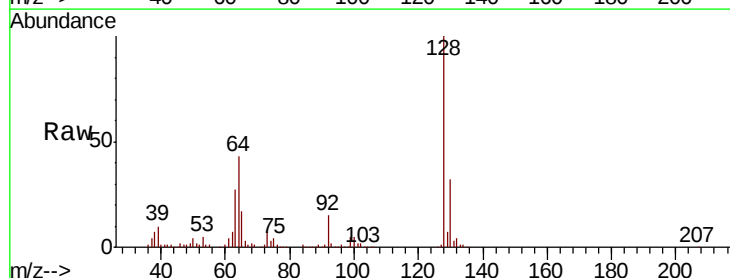
Tgt Ion: 128 Resp: 555166

Ion Ratio Lower Upper

128 100

130 32.2 12.1 52.1

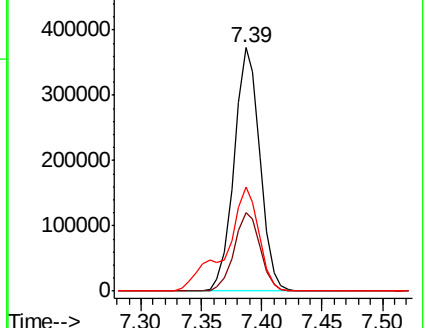
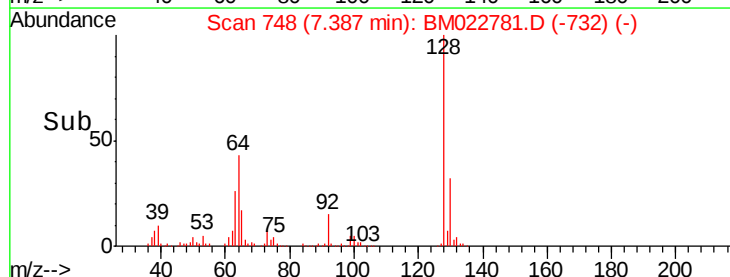
64 42.5 22.9 62.9

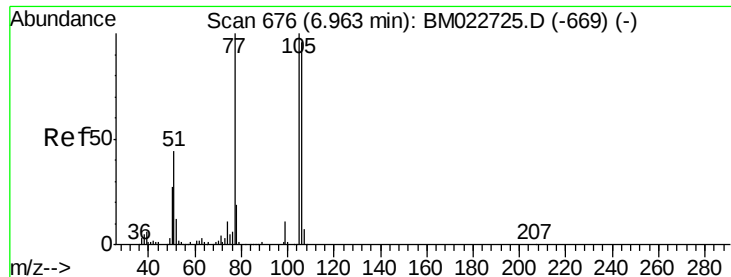


Abundance Ion 128.00 (127.70 to 128.70): BM022781.D (-732) (-)

Ion 130.00 (129.70 to 130.70): BM022781.D (-732) (-)

Ion 64.00 (63.70 to 64.70): BM022781.D (-732) (-)





#9

Benzaldehyde

Concen: 31.460 ng

RT: 6.96 min Scan# 675

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Instrument :

BNA_M

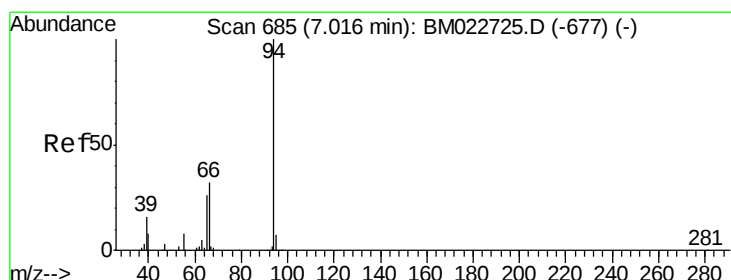
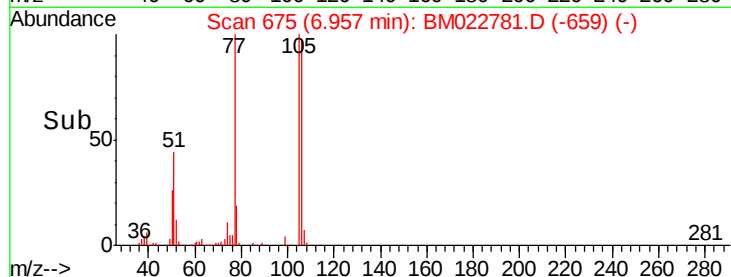
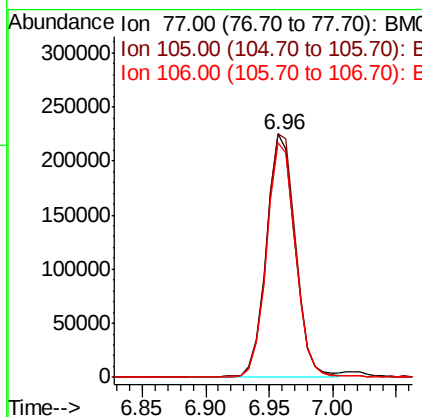
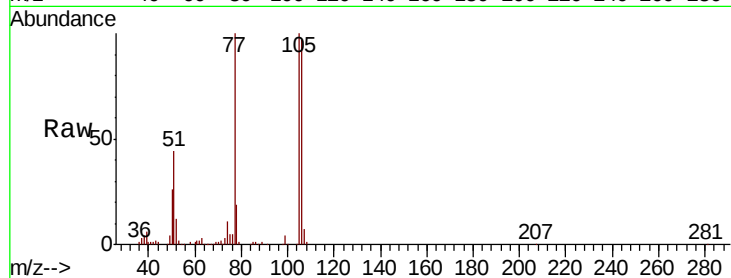
ClientSampleId :

SAND-STOCKPILE-1MSD

Tot Ion:	77	Resp:	352507
Ion	Ratio	Lower	Upper
77	100		
105	100.1	79.6	119.6
106	96.6	76.3	116.3

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#10

Phenol

Concen: 35.670 ng

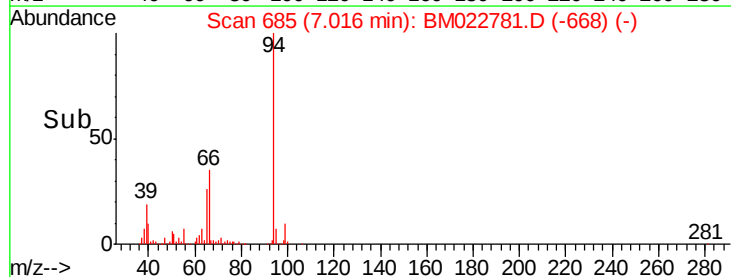
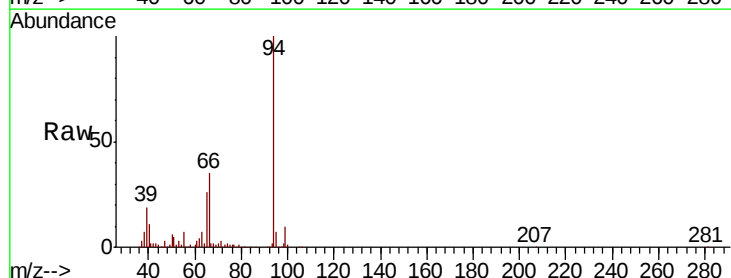
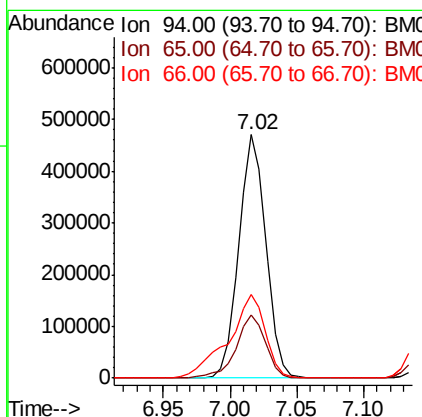
RT: 7.02 min Scan# 685

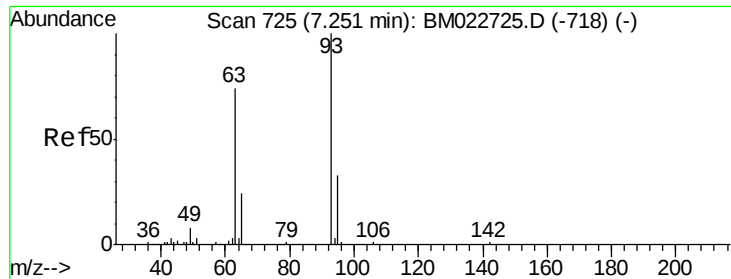
Delta R.T. -0.00 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Tgt Ion:	94	Resp:	660841
Ion	Ratio	Lower	Upper
94	100		
65	26.2	6.7	46.7
66	34.5	13.8	53.8





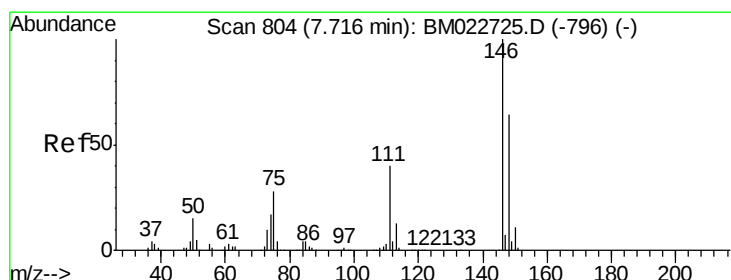
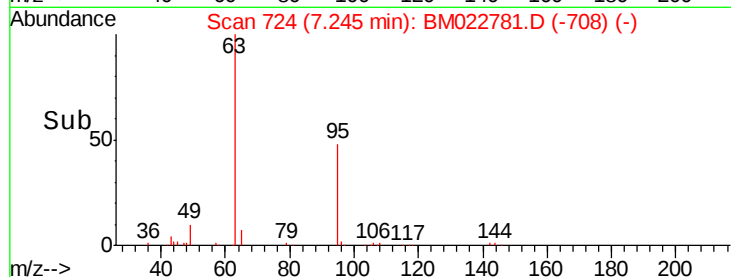
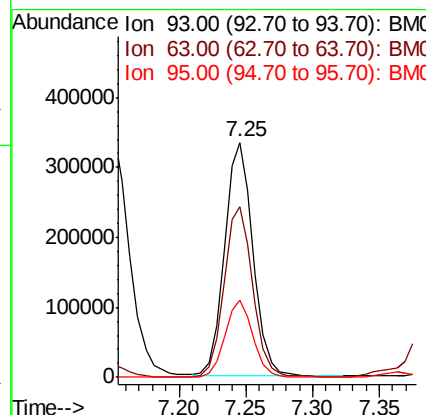
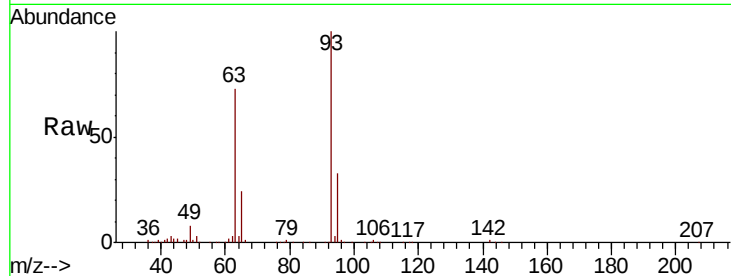
#11
bis(2-Chloroethyl)ether
Concen: 34.283 ng
RT: 7.25 min Scan# 724
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	499009		
63	72.7	53.8	93.8	
95	32.7	12.7	52.7	

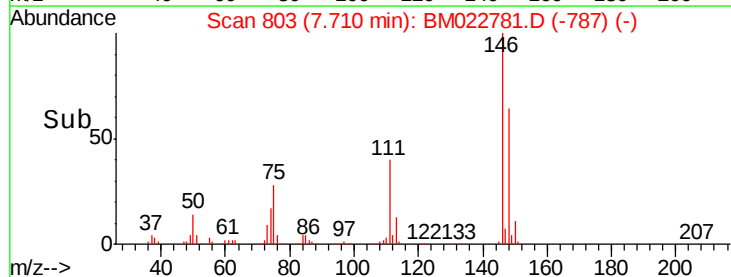
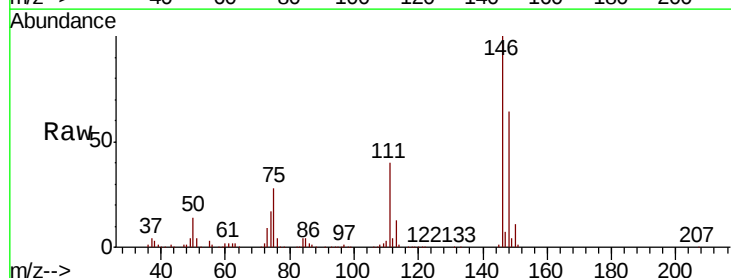
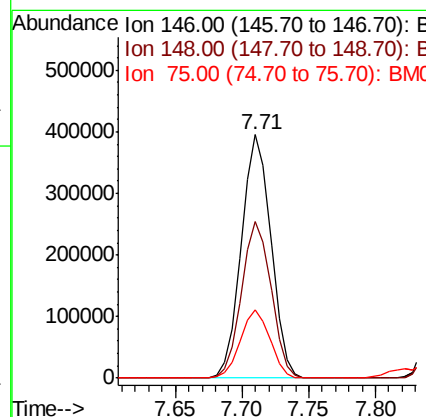
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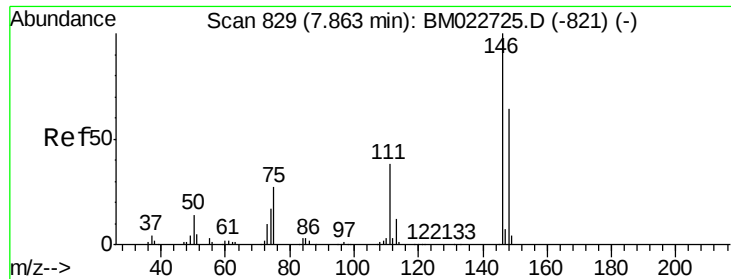
mohammad
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#12
1,3-Dichlorobenzene
Concen: 32.511 ng
RT: 7.71 min Scan# 803
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	606576		
148	64.5	51.3	76.9	
75	28.1	22.5	33.7	





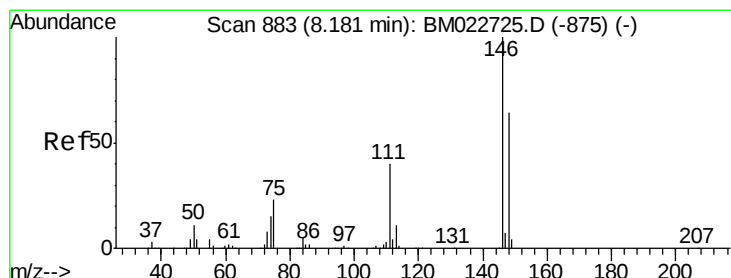
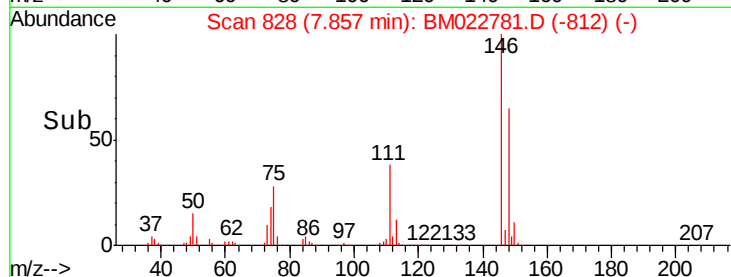
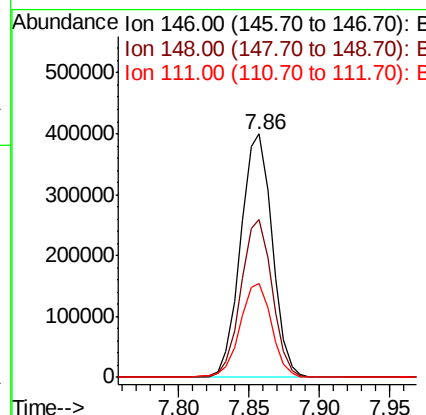
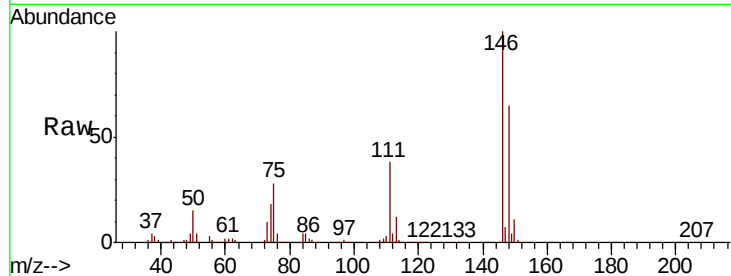
#13
 1,4-Dichlorobenzene
 Concen: 33.087 ng
 RT: 7.86 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BM022781.D
 Acq: 25 Sep 2019 20:57

Instrument :
 BNA_M
 ClientSampleID :
 SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.4	77.0
111	38.4	30.9	46.3

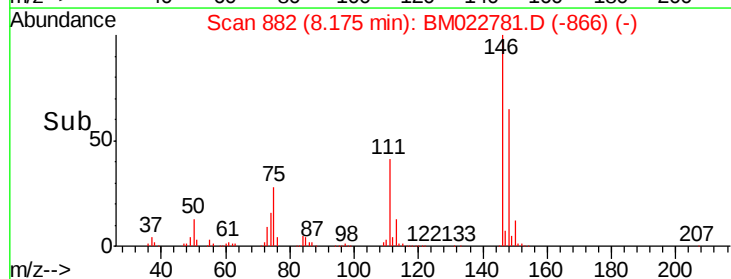
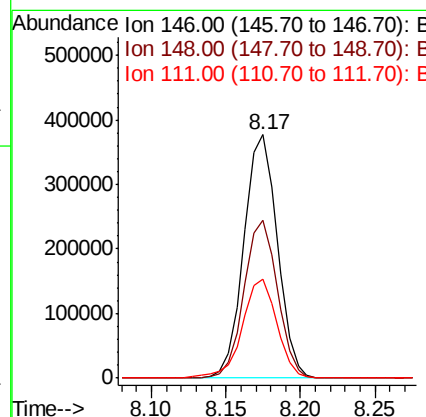
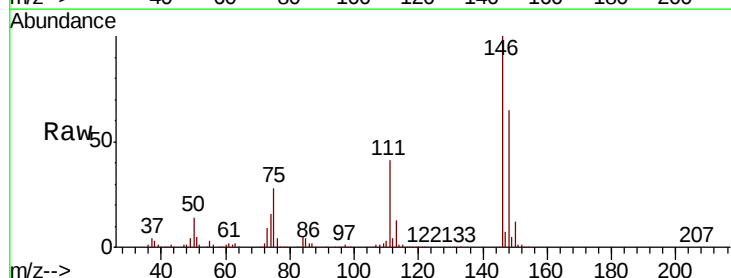
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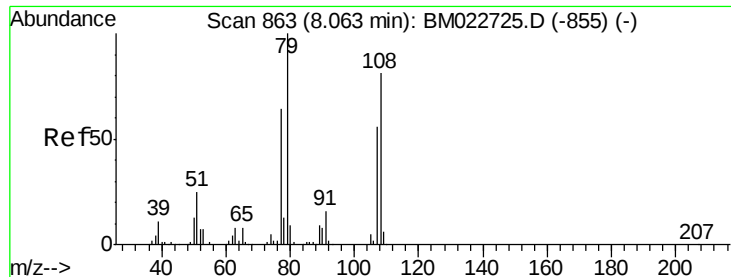
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 32.568 ng
 RT: 8.17 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BM022781.D
 Acq: 25 Sep 2019 20:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.3	76.9
111	40.9	32.3	48.5





#15

Benzyl Alcohol

Concen: 34.784 ng

RT: 8.06 min Scan# 862

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Instrument :

BNA_M

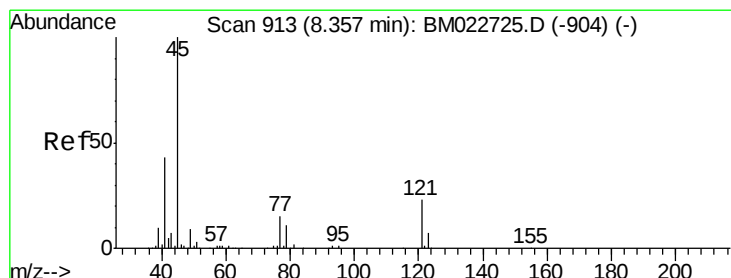
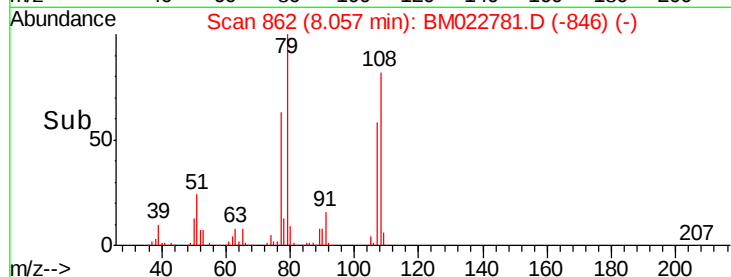
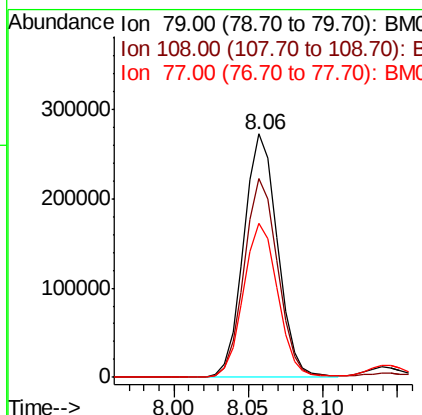
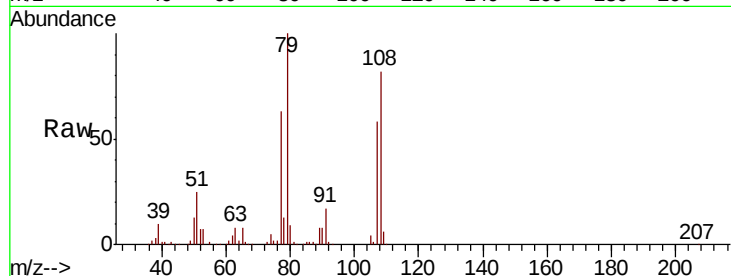
ClientSampleId :

SAND-STOCKPILE-1MSD

Tot Ion:	79	Resp:	428318
Ion Ratio	Lower	Upper	
79	100		
108	81.6	64.9	97.3
77	63.4	51.1	76.7

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#16

2,2'-oxybis(1-chloropropane)

Concen: 31.397 ng

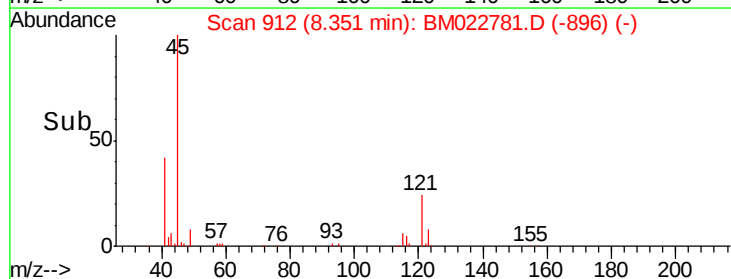
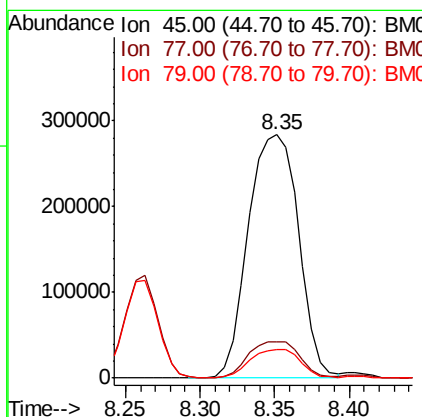
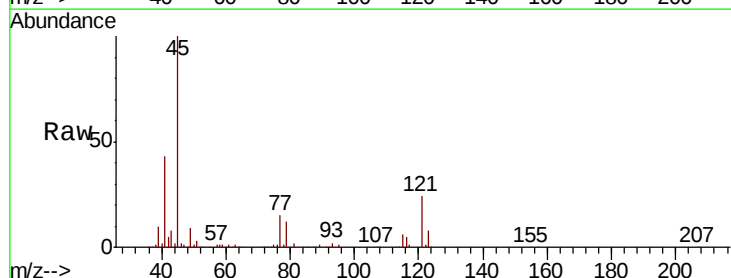
RT: 8.35 min Scan# 912

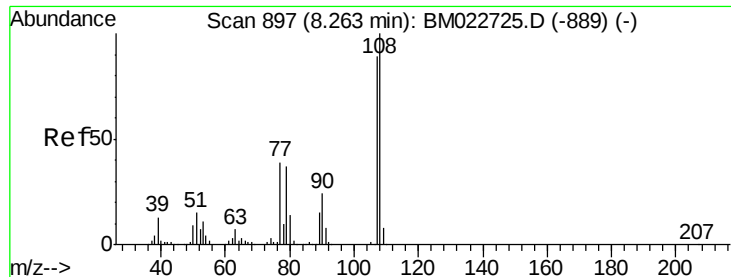
Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Tgt Ion:	45	Resp:	663857
Ion Ratio	Lower	Upper	
45	100		
77	14.7	0.0	35.1
79	11.8	0.0	31.4





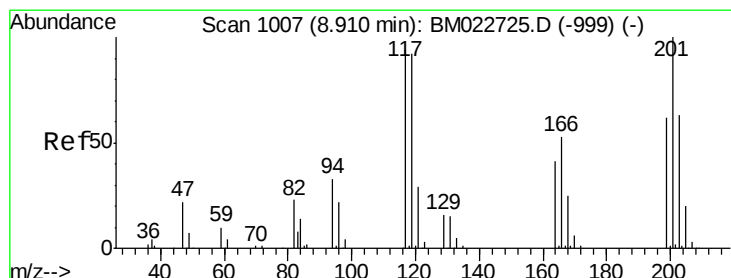
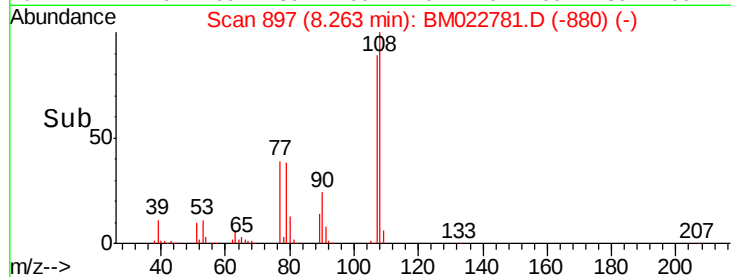
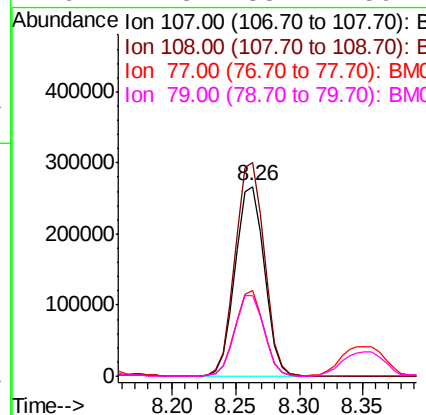
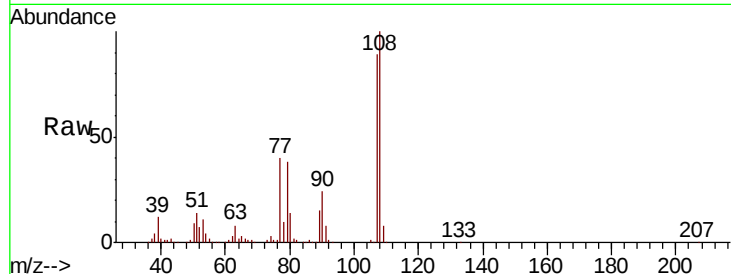
#17
2-Methylphenol
Concen: 34.731 ng
RT: 8.26 min Scan# 897
Delta R.T. -0.00 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.5	90.0	135.0	
77	45.0	35.2	52.8	
79	42.8	33.4	50.2	

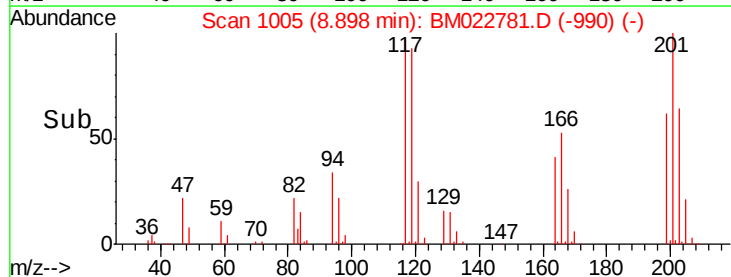
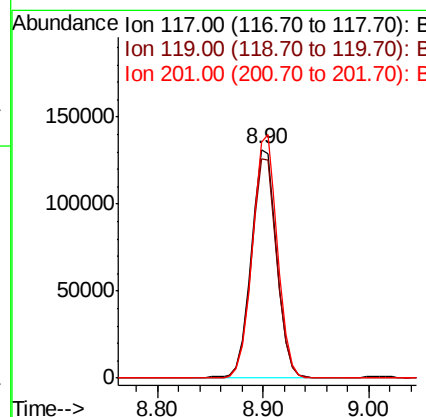
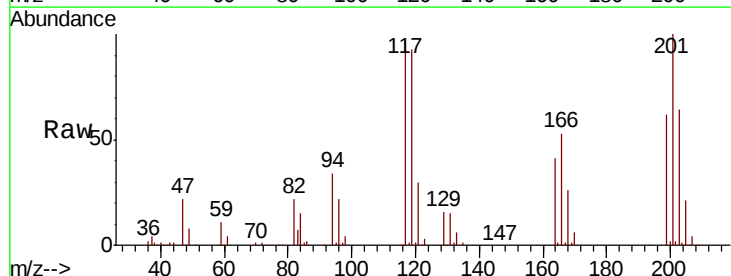
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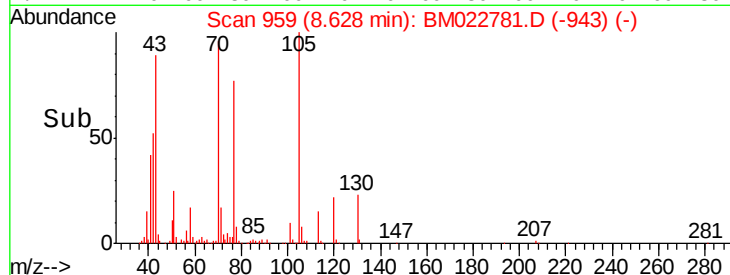
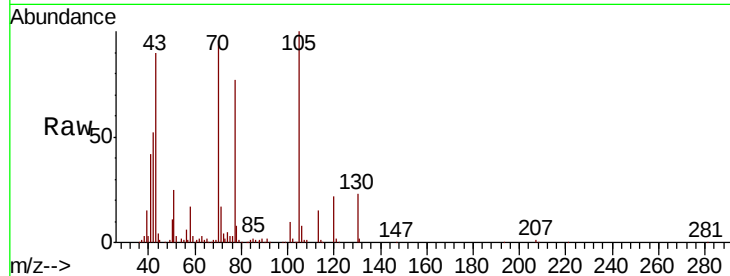
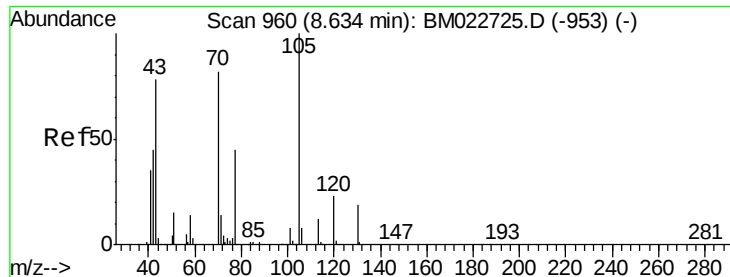
mohammad
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#18
Hexachloroethane
Concen: 31.797 ng
RT: 8.90 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.7	78.0	117.0	
201	103.1	85.0	127.6	





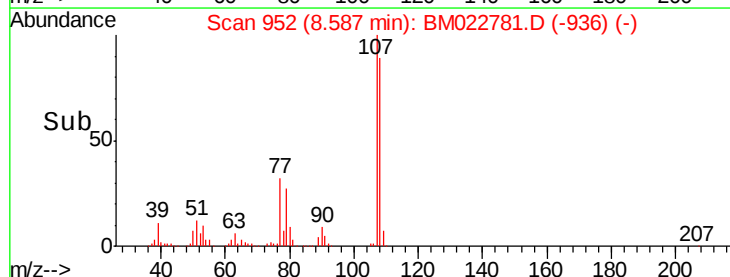
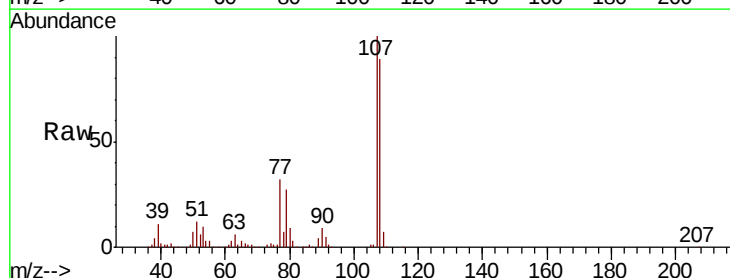
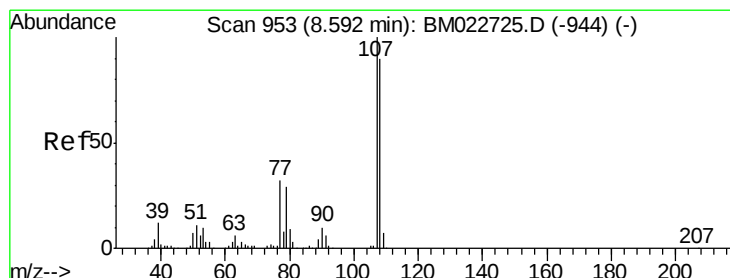
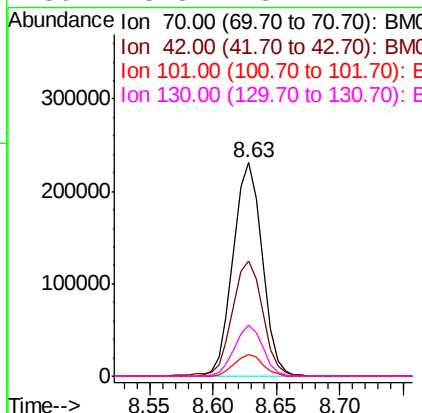
#19
n-Nitroso-di-n-propylamine
Concen: 33.448 ng
RT: 8.63 min Scan# 959
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	54.2	44.4	66.6		
101	10.3	7.8	11.6		
130	23.8	18.2	27.4		

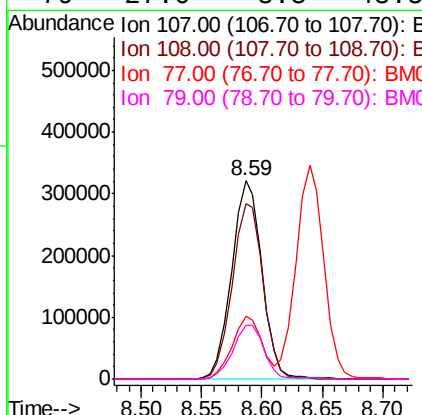
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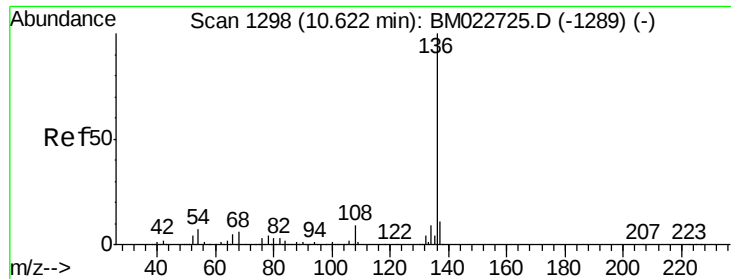
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#20
3+4-Methylphenols
Concen: 34.512 ng
RT: 8.59 min Scan# 952
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.0	70.1	110.1		
77	31.7	12.1	52.1		
79	27.0	8.5	48.5		





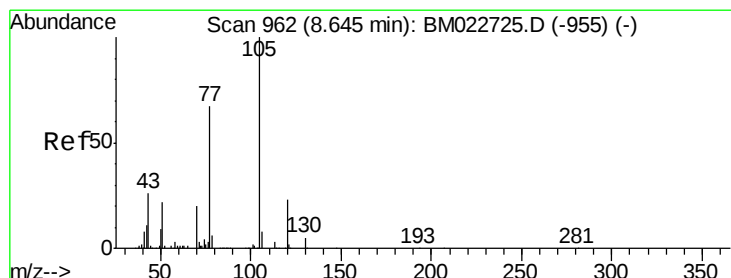
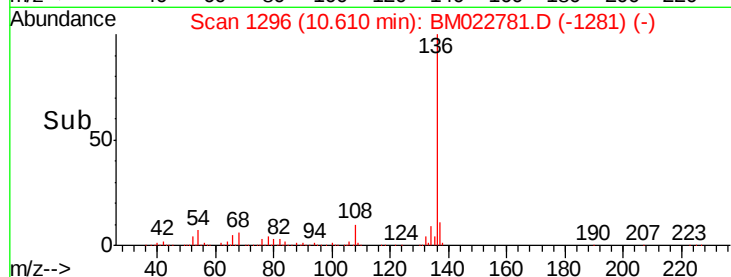
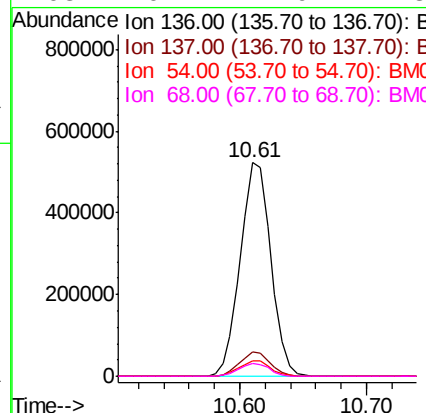
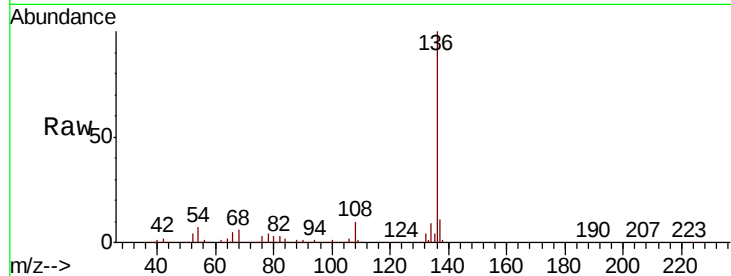
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	873983		
137	11.1	8.6	13.0	
54	7.4	6.0	9.0	
68	6.1	4.9	7.3	

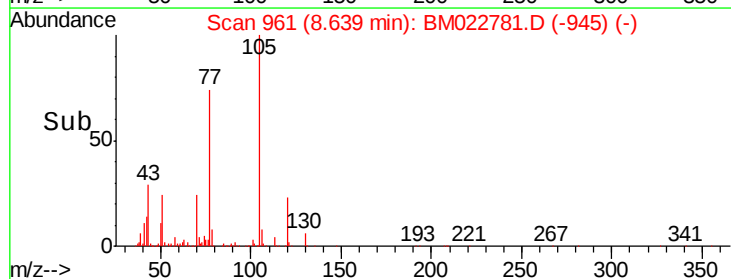
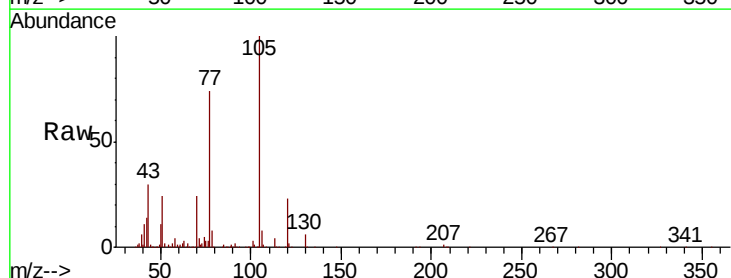
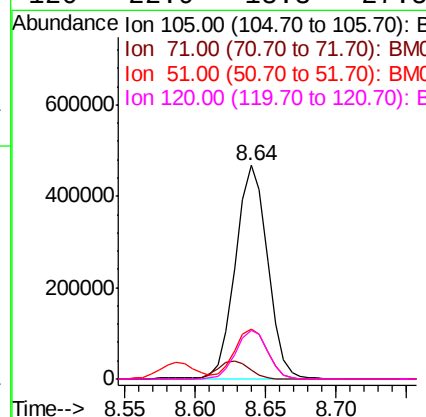
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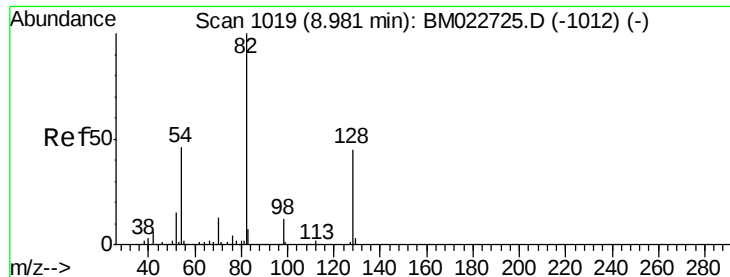
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#22
Acetophenone
Concen: 34.231 ng
RT: 8.64 min Scan# 961
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	738486		
71	4.0	2.7	4.1	
51	23.6	19.9	29.9	
120	22.9	18.3	27.5	





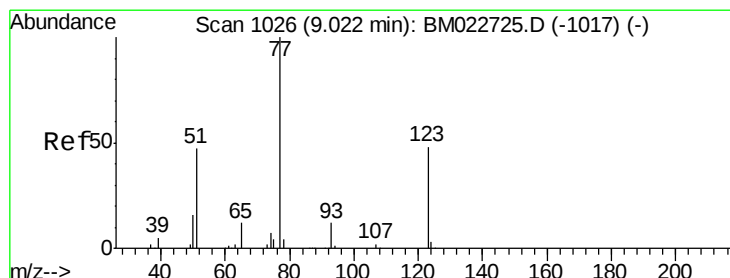
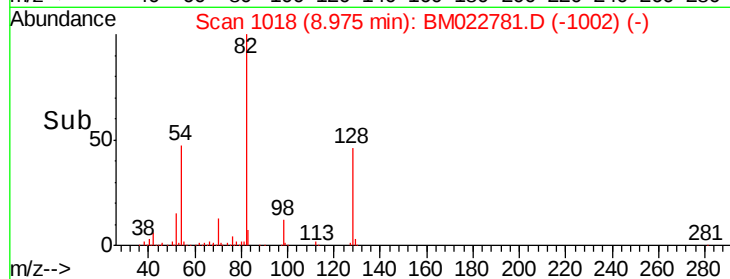
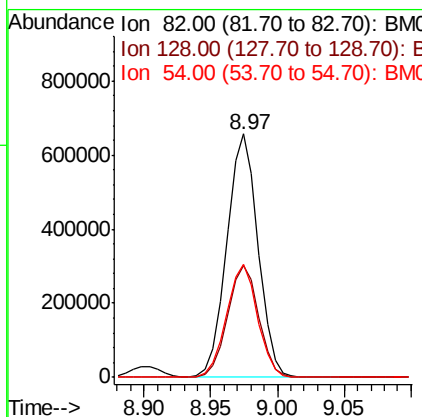
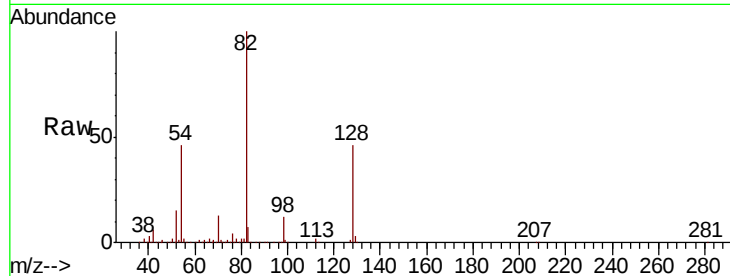
#23
 Nitrobenzene-d5
 Concen: 67.795 ng
 RT: 8.97 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BM022781.D
 Acq: 25 Sep 2019 20:57

Instrument :
 BNA_M
 ClientSampleId :
 SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.0	54.0
54	46.2	37.1	55.7

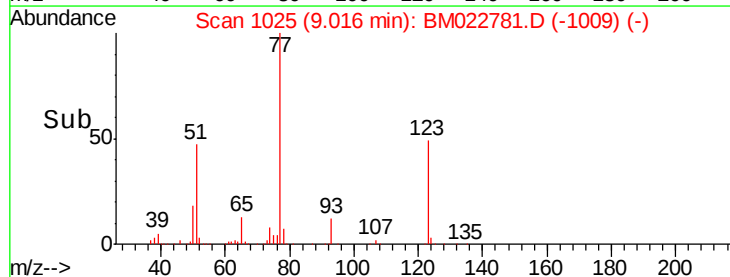
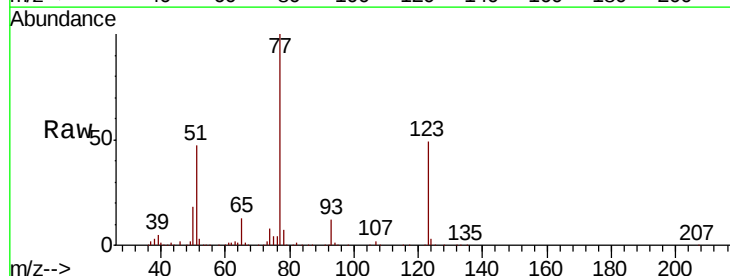
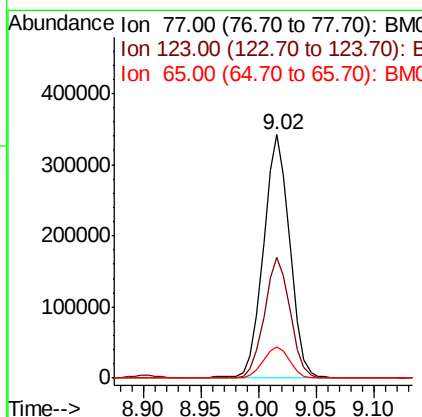
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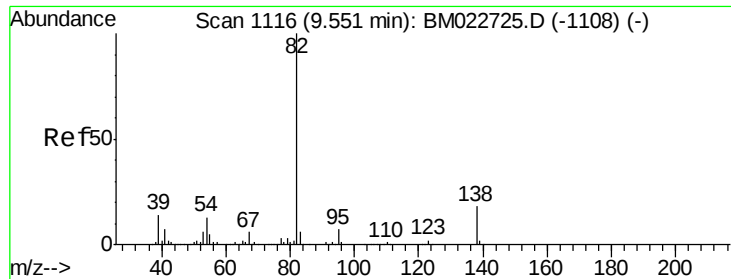
mohammad
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#24
 Nitrobenzene
 Concen: 36.017 ng
 RT: 9.02 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BM022781.D
 Acq: 25 Sep 2019 20:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.4	38.0	57.0
65	12.8	10.0	15.0





#25

Isophorone

Concen: 37.917 ng

RT: 9.55 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Instrument :

BNA_M

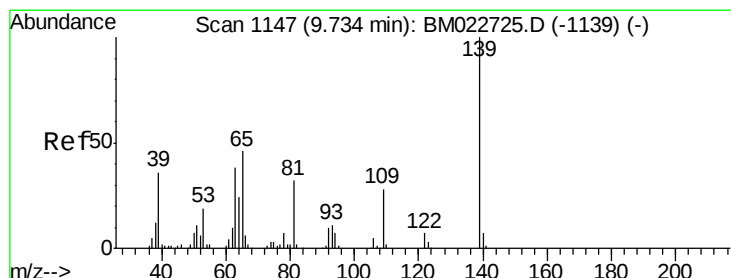
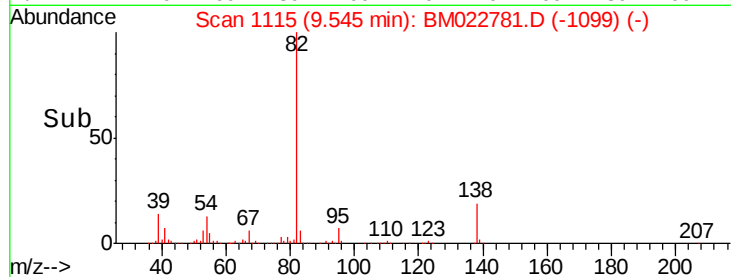
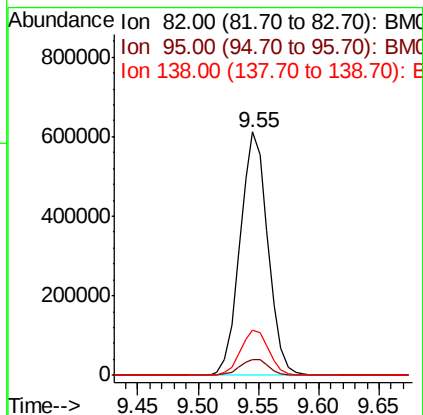
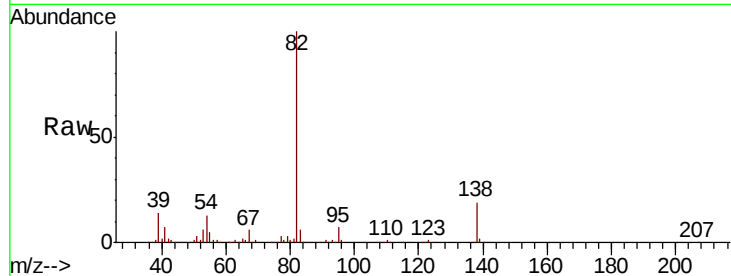
ClientSampleId :

SAND-STOCKPILE-1MSD

Tot Ion:	82	Resp:	981594
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.4	8.0
138	18.8	14.7	22.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.347 ng

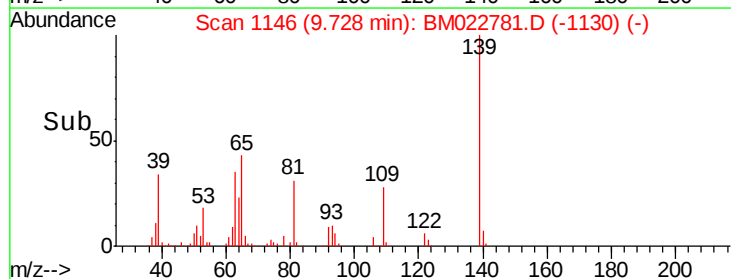
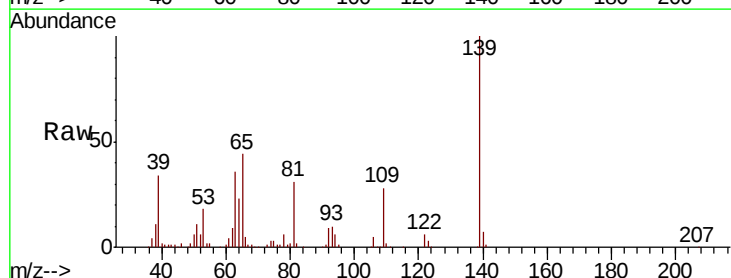
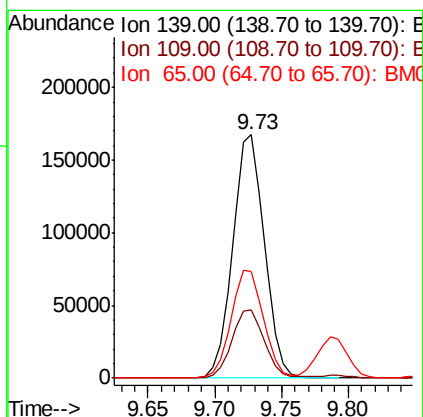
RT: 9.73 min Scan# 1146

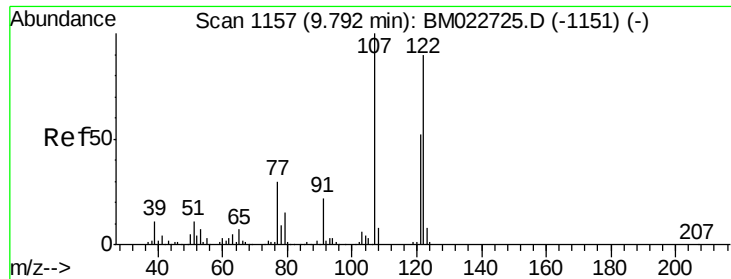
Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Tgt Ion:	139	Resp:	275392
Ion Ratio	Lower	Upper	
139	100		
109	27.8	22.6	33.8
65	43.7	37.0	55.4





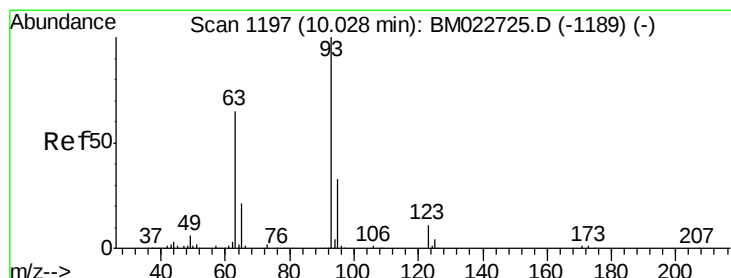
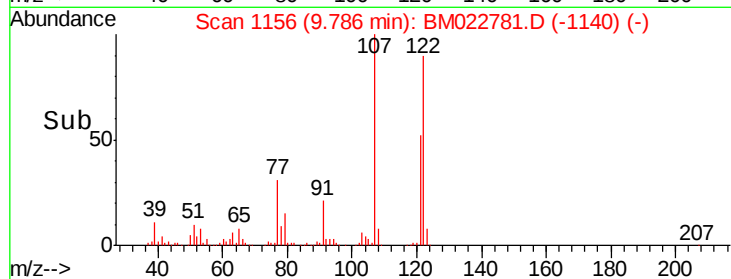
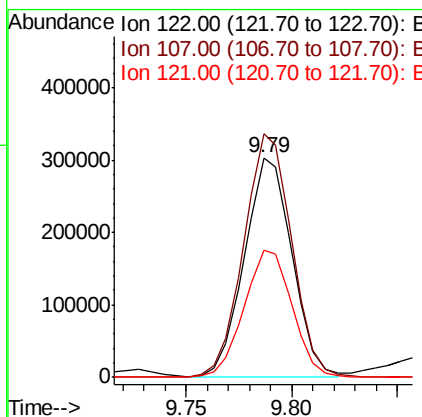
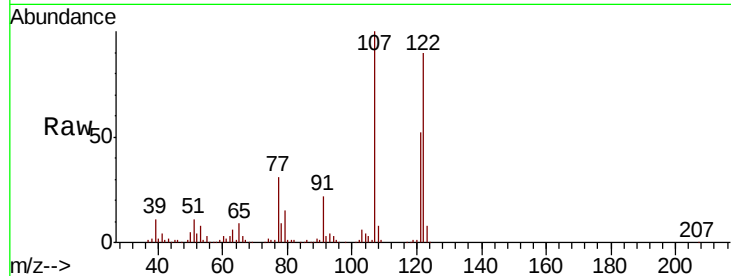
#27
 2,4-Dimethylphenol
 Concen: 43.467 ng
 RT: 9.79 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BM022781.D
 Acq: 25 Sep 2019 20:57

Instrument :
 BNA_M
 ClientSampleId :
 SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.0	88.9	133.3
121	58.2	46.5	69.7

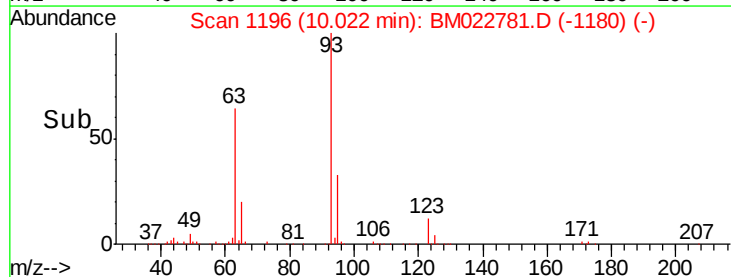
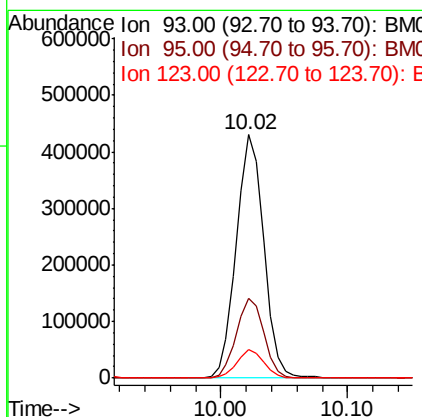
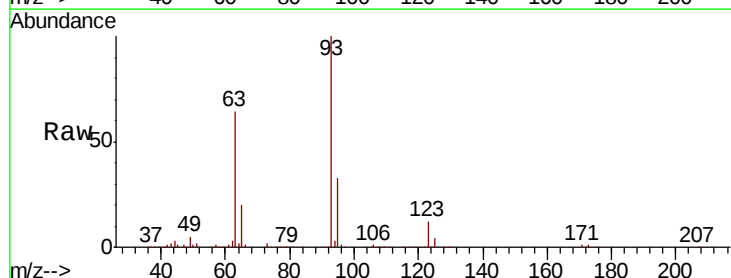
Manual Integrations
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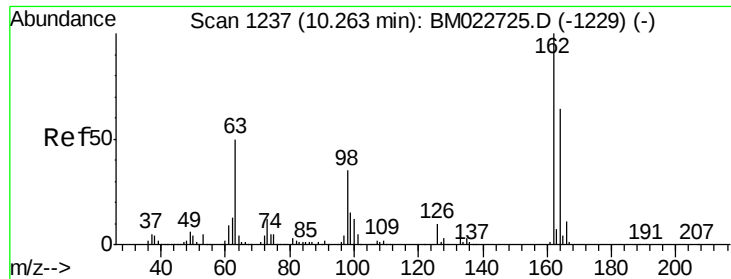
mohammad
 9/26/2019 3:55:10 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.097 ng
 RT: 10.02 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BM022781.D
 Acq: 25 Sep 2019 20:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.0	39.0
123	11.6	9.0	13.6





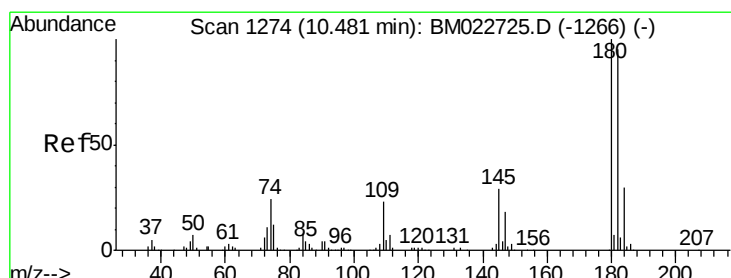
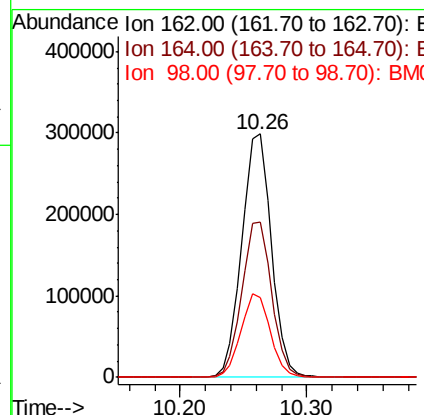
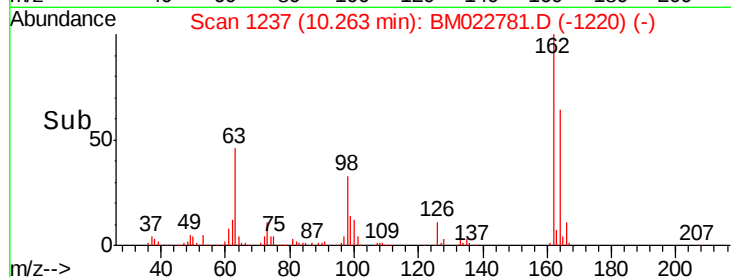
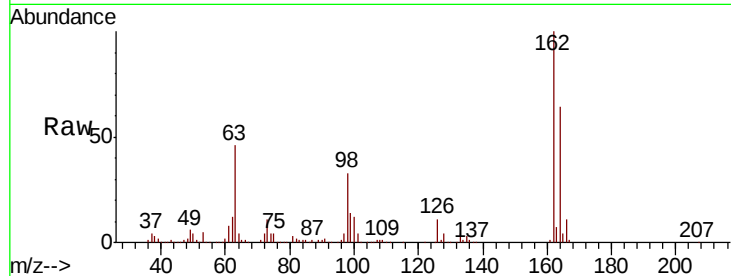
#29
2,4-Dichlorophenol
Concen: 39.410 ng
RT: 10.26 min Scan# 1237
Delta R.T. -0.00 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.0	44.4	84.4
98	32.7	14.8	54.8

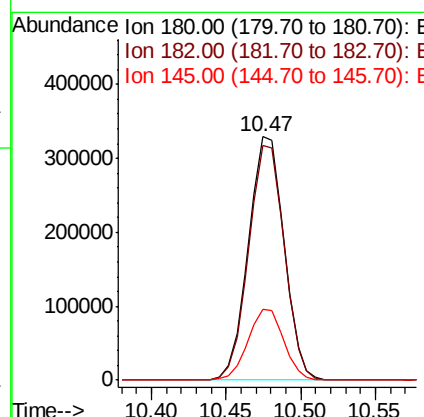
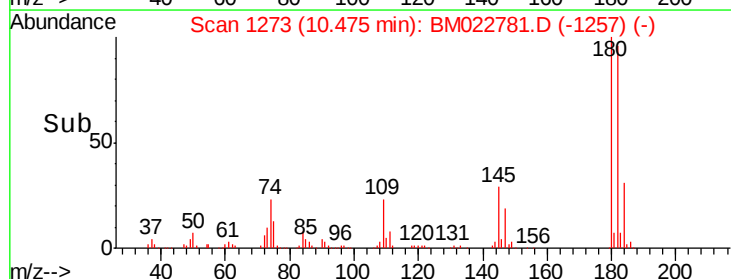
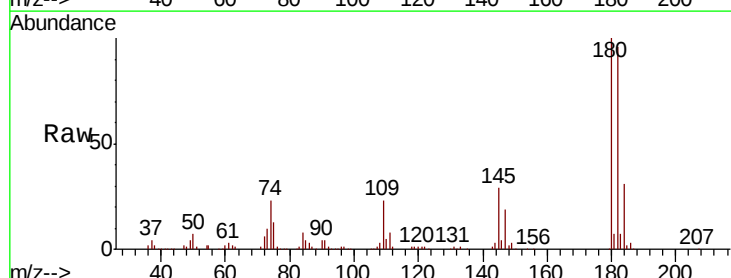
Manual Integrations
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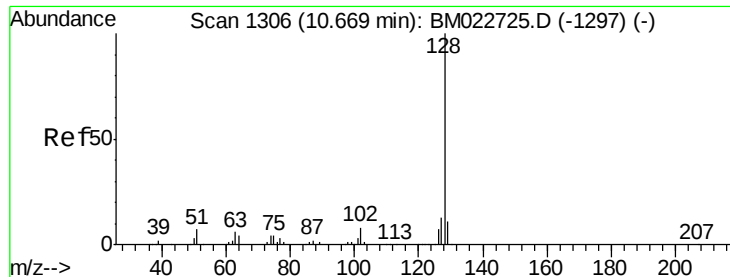
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 35.890 ng
RT: 10.47 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.3	76.2	114.2
145	29.2	23.0	34.4





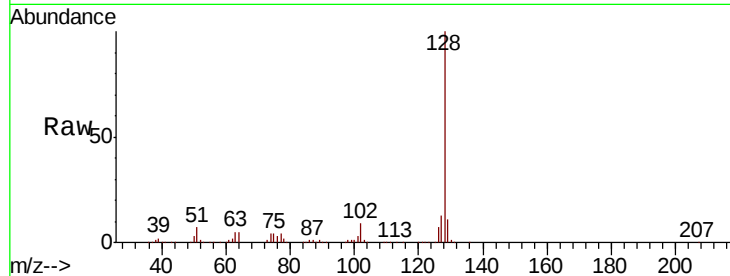
#31
Naphthalene
Concen: 37.829 ng
RT: 10.66 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	12.9	10.2	15.4

Manual Integrations
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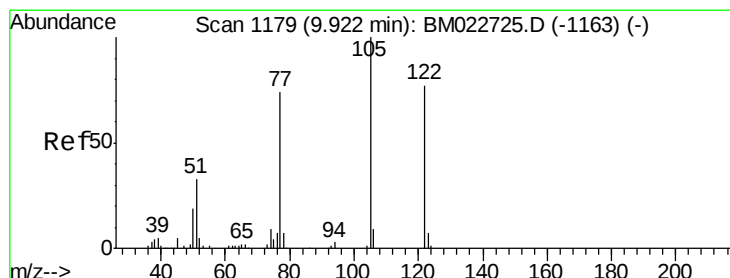
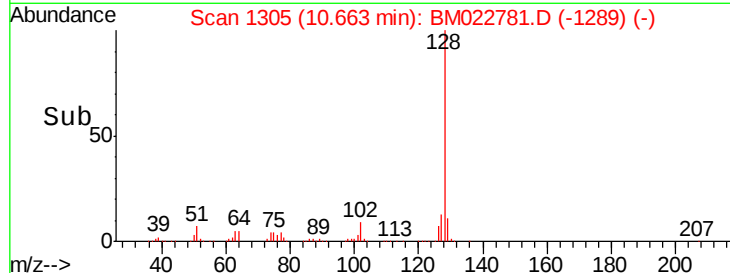
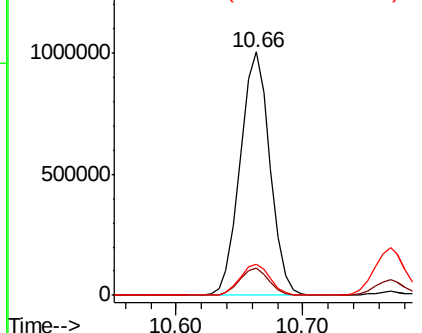


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 31.710 ng
RT: 9.90 min Scan# 1176
Delta R.T. -0.02 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

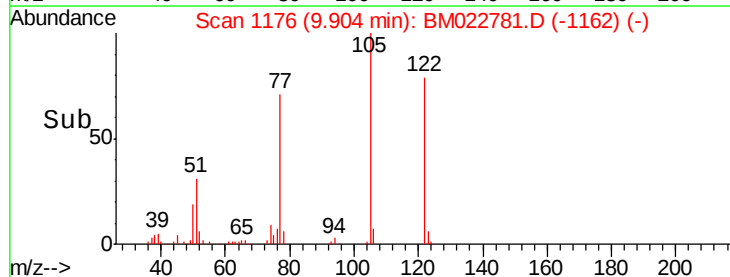
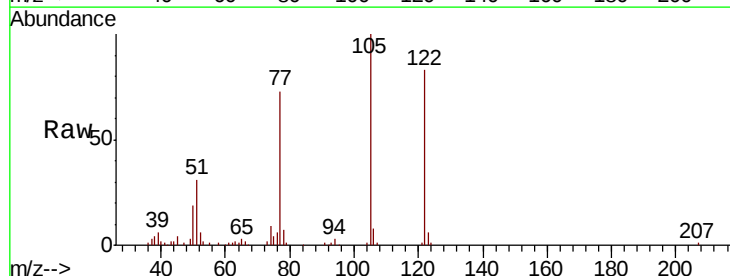
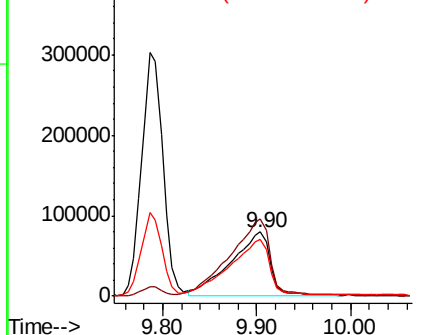
Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.2	105.3	145.3
77	88.3	74.7	114.7

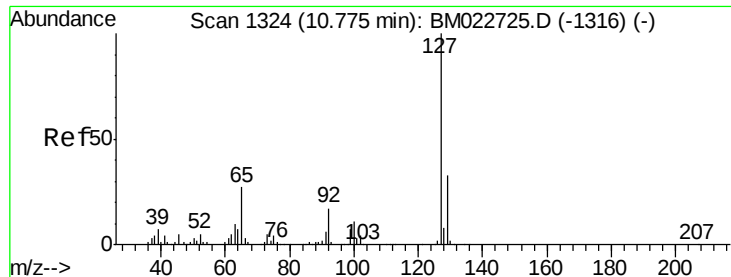
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E





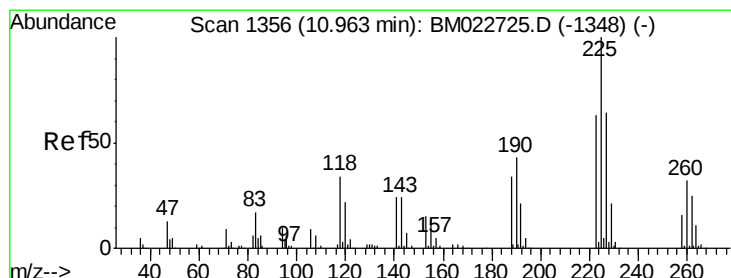
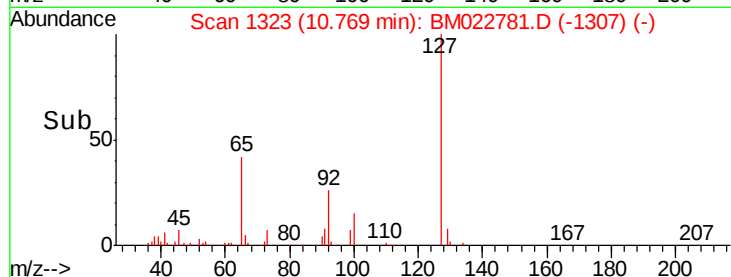
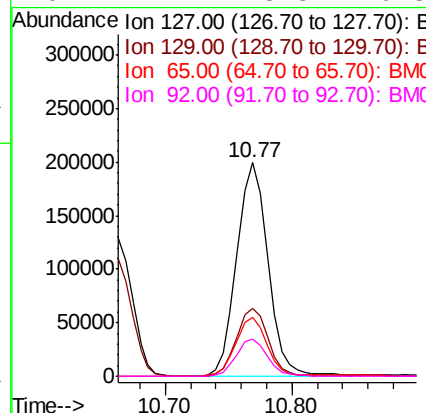
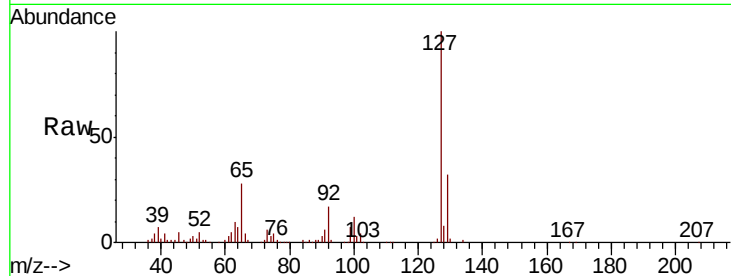
#33
4-Chloroaniline
Concen: 18.231 ng
RT: 10.77 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.0	26.1	39.1		
65	27.7	22.0	33.0		
92	17.4	13.8	20.8		

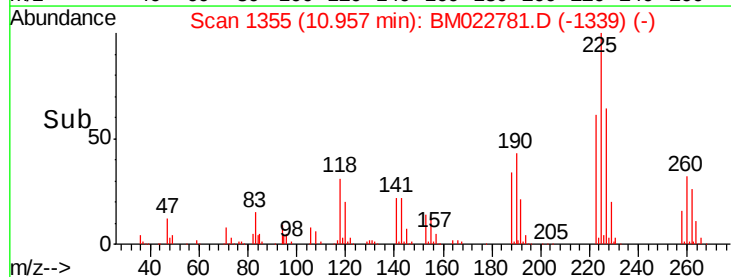
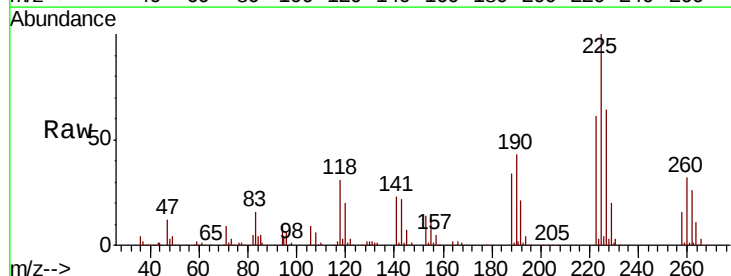
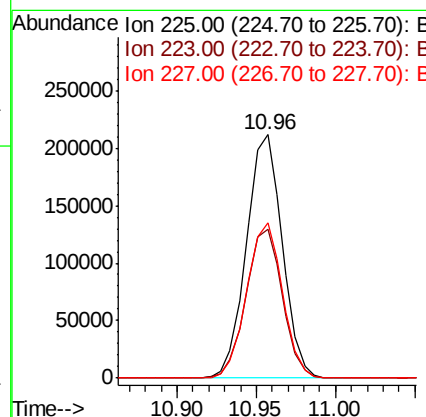
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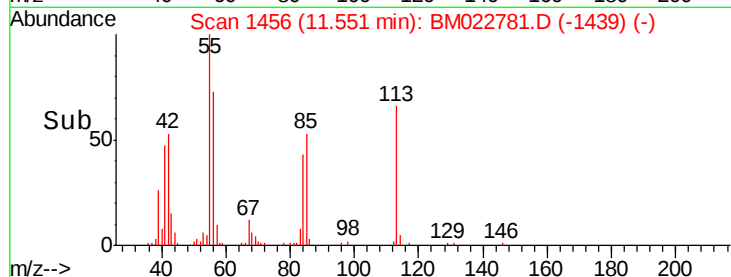
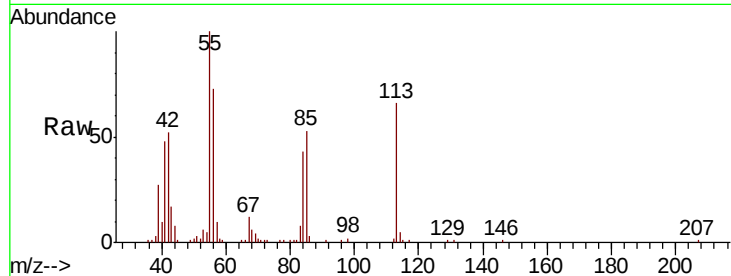
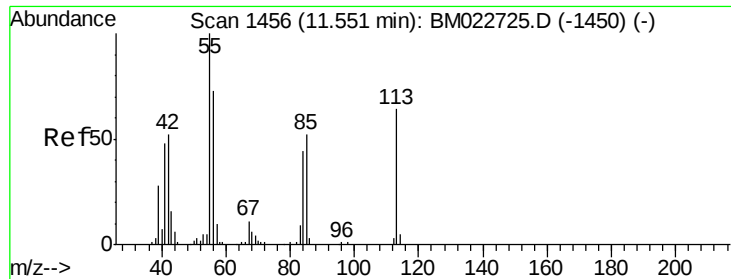
mohammad
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#34
Hexachlorobutadiene
Concen: 36.828 ng
RT: 10.96 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.1	50.2	75.4		
227	63.9	51.0	76.4		





#35

Caprolactam

Concen: 36.181 ng/mL

RT: 11.55 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Instrument:

BNA_M

ClientSampleId:

SAND-STOCKPILE-1MSD

Tot Ion: 113 Resp: 132028

Ion Ratio Lower Upper

113 100

55 152.4 136.8 176.8

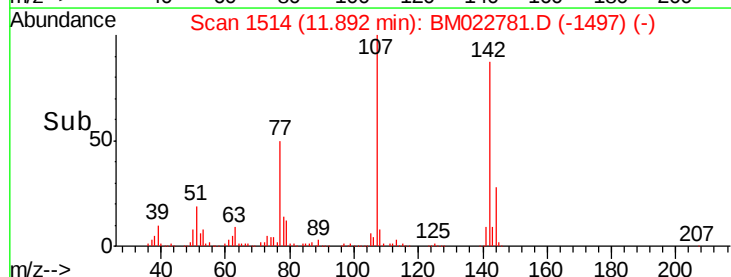
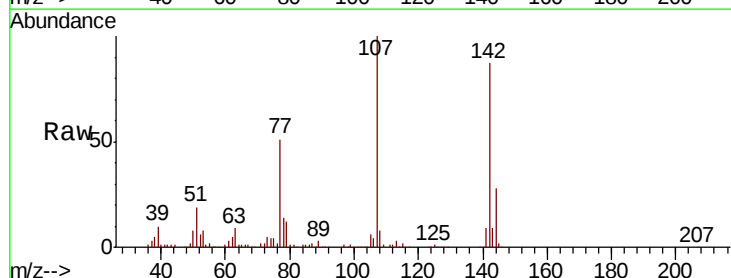
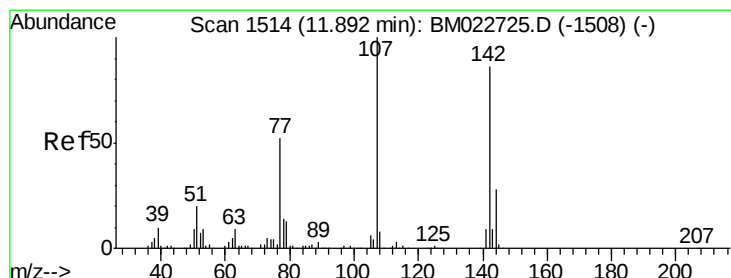
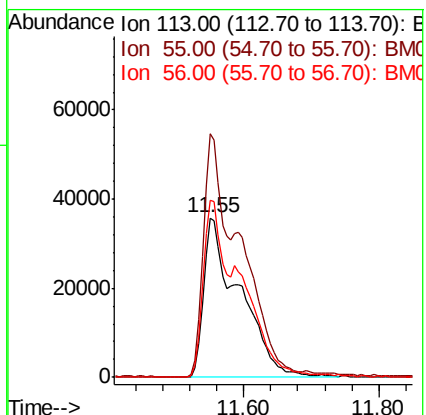
56 110.6 95.2 135.2

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#36

4-Chloro-3-methylphenol

Concen: 37.888 ng/mL

RT: 11.89 min Scan# 1514

Delta R.T. -0.00 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

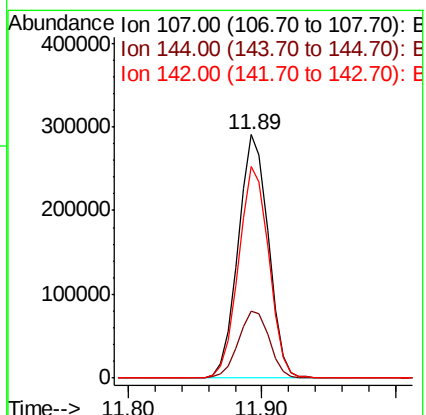
Tgt Ion: 107 Resp: 454995

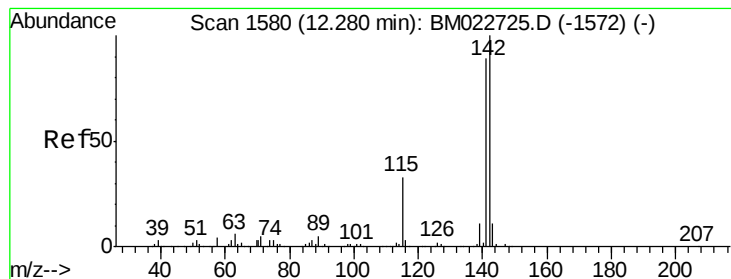
Ion Ratio Lower Upper

107 100

144 27.8 22.4 33.6

142 86.7 68.2 102.4





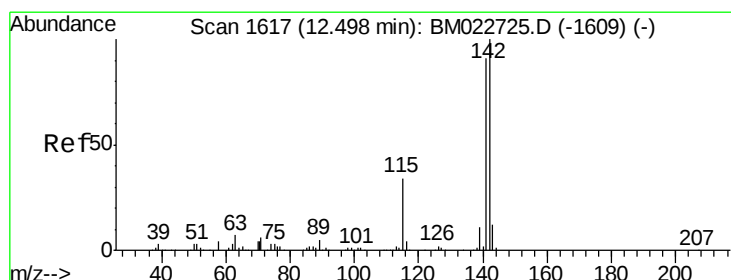
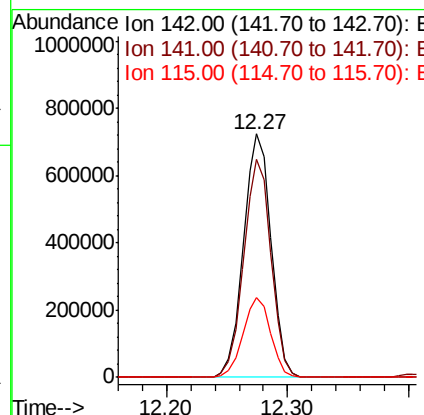
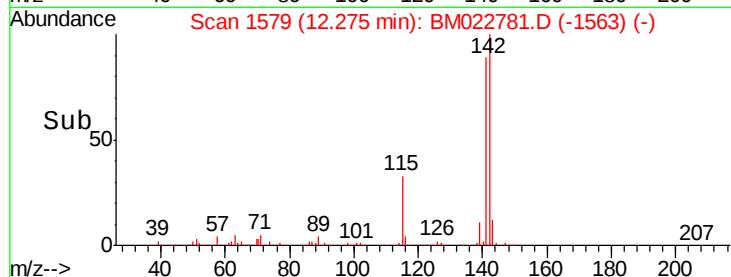
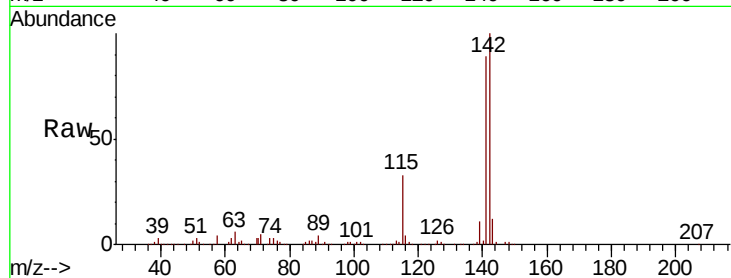
#37
2-Methylnaphthalene
Concen: 38.404 ng
RT: 12.27 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.5	107.3
115	32.8	26.1	39.1

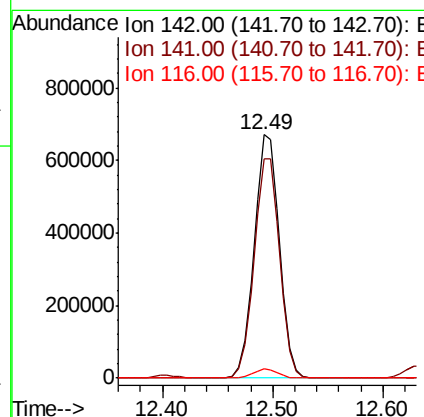
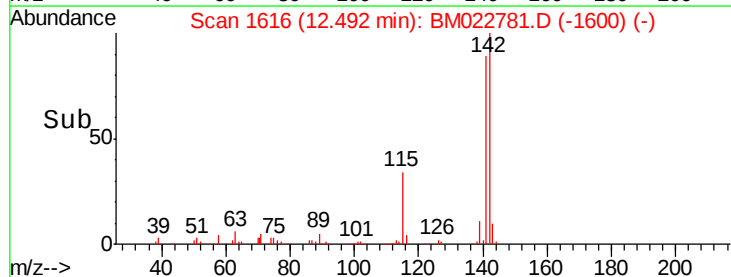
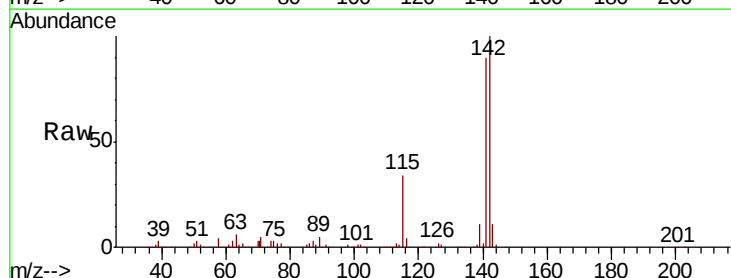
Manual Integrations
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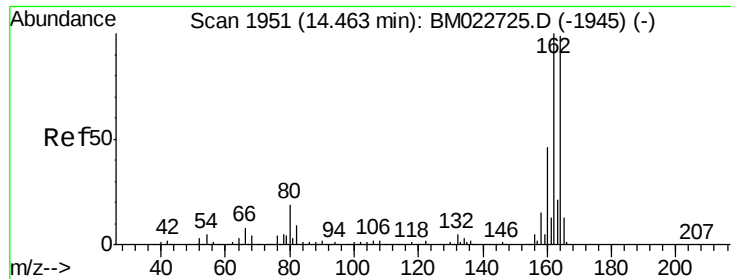
mohammad
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#38
1-Methylnaphthalene
Concen: 37.548 ng
RT: 12.49 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.2	73.0	109.4
116	3.6	2.9	4.3





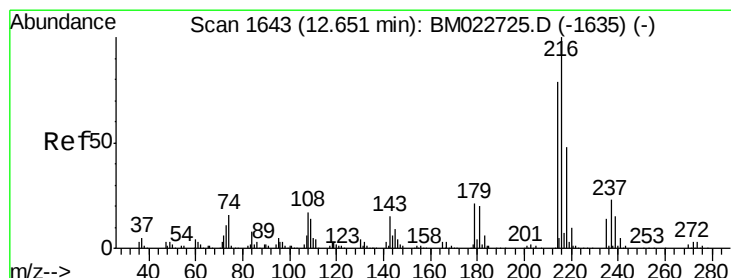
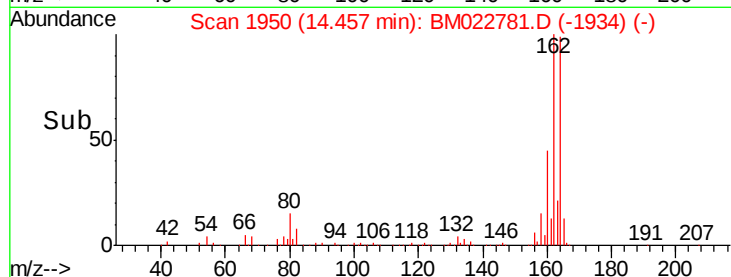
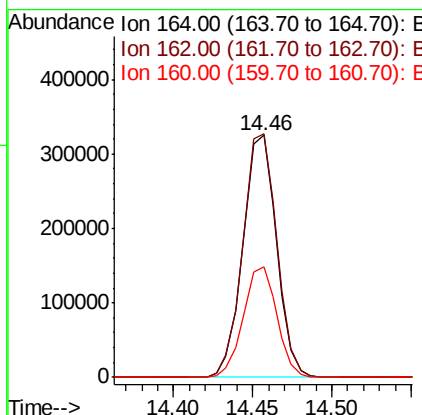
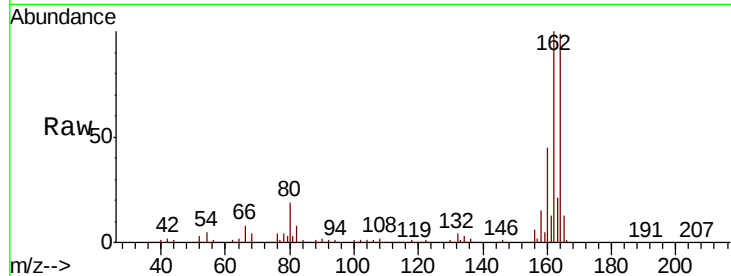
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.7	81.1	121.7	
160	45.5	36.9	55.3	

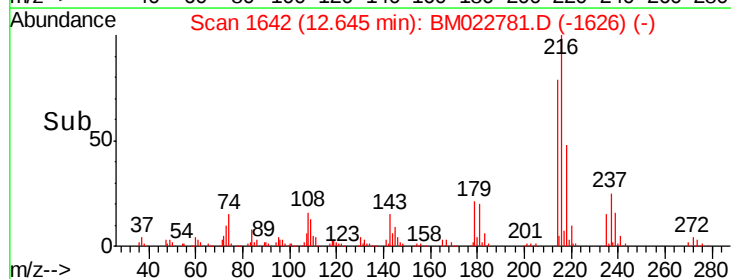
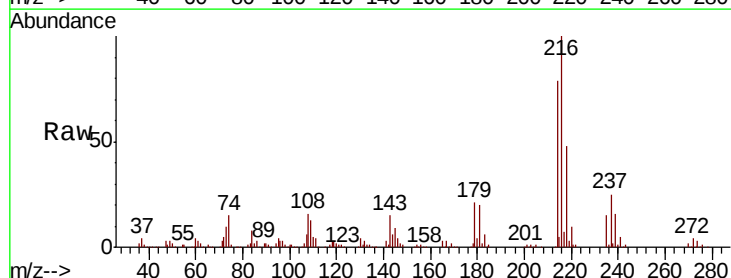
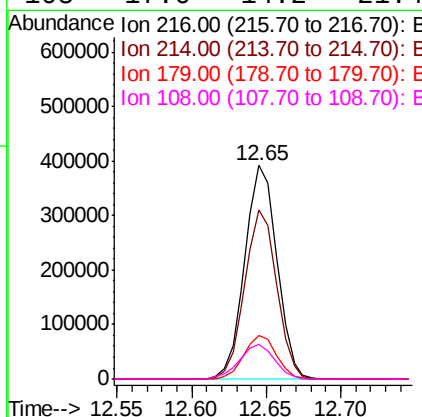
Manual Integrations
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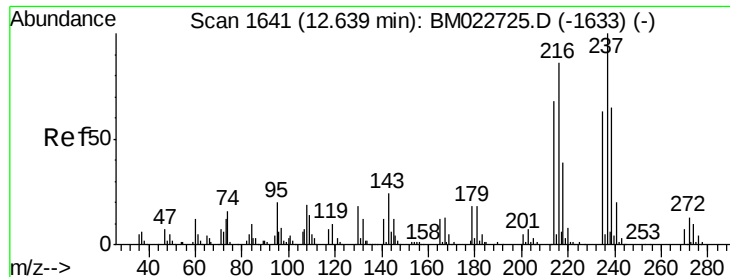
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.041 ng
RT: 12.65 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.6	62.9	94.3	
179	20.6	16.6	24.8	
108	17.6	14.2	21.4	





#41

Hexachlorocyclopentadiene

Concen: 45.561 ng

RT: 12.63 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Instrument :

BNA_M

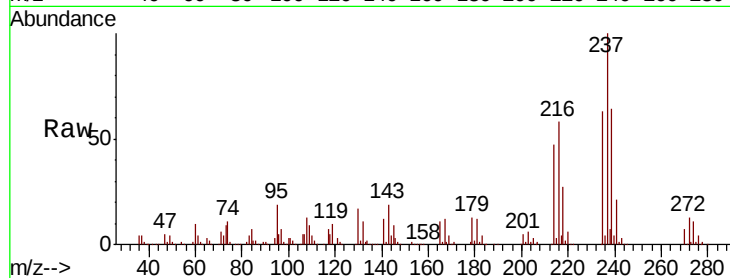
ClientSampleId :

SAND-STOCKPILE-1MSD

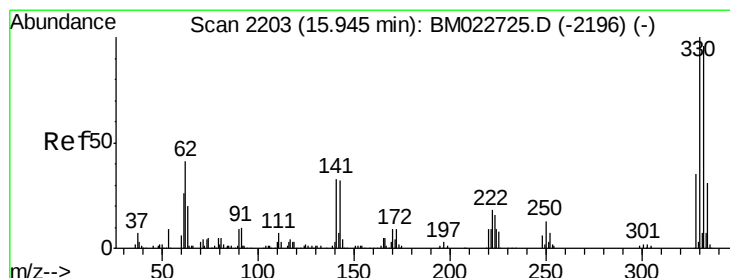
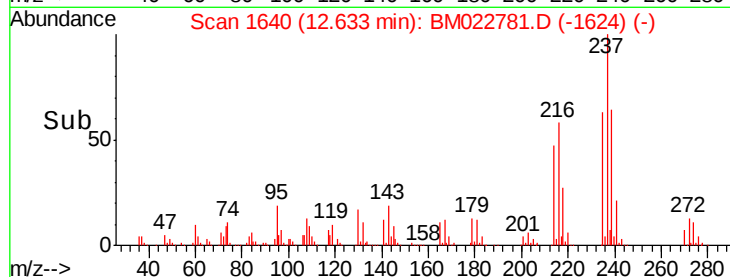
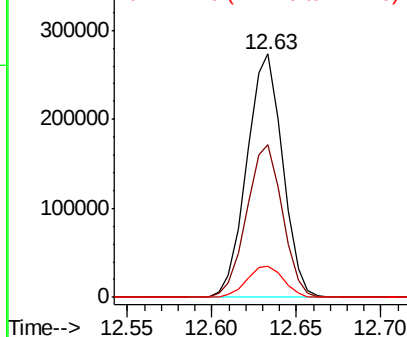
Tot Ion:	237	Resp:	402675
Ion Ratio	Lower	Upper	
237	100		
235	62.6	43.3	83.3
272	12.8	0.0	32.6

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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: 106.776 ng

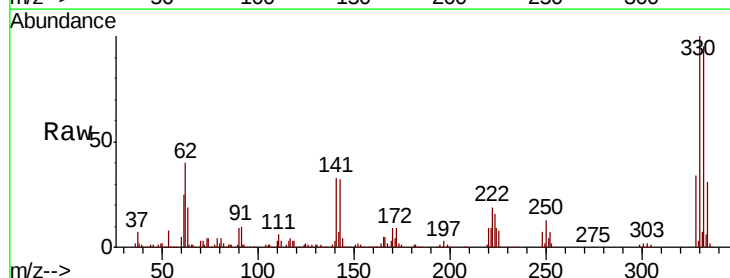
RT: 15.94 min Scan# 2202

Delta R.T. -0.01 min

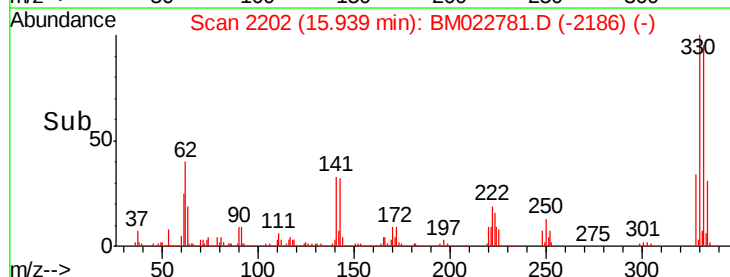
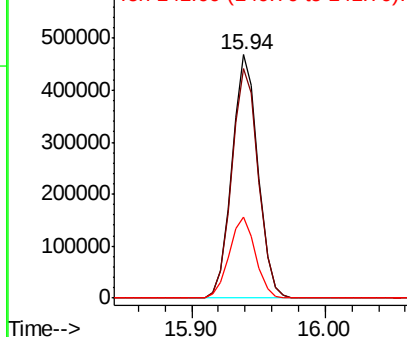
Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Tgt Ion:	330	Resp:	637215
Ion Ratio	Lower	Upper	
330	100		
332	96.1	76.9	115.3
141	33.7	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





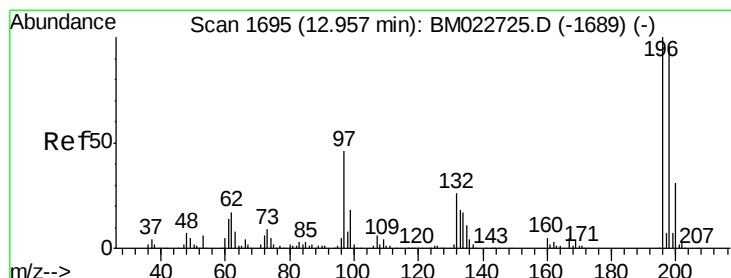
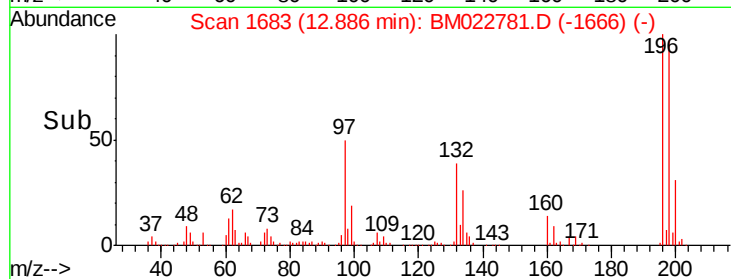
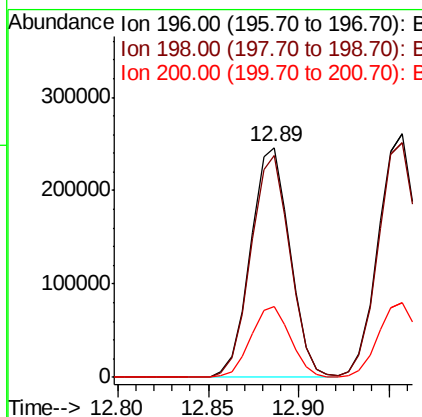
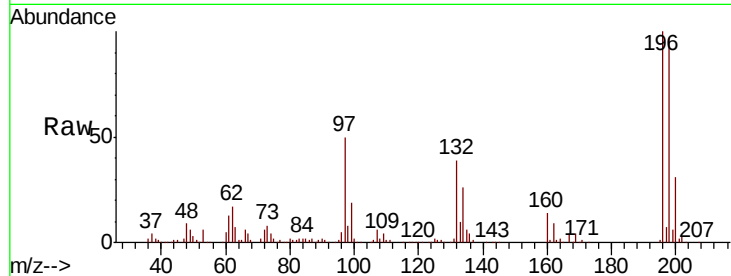
#43
 2,4,6-Trichlorophenol
 Concen: 39.794 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: BM022781.D
 Acq: 25 Sep 2019 20:57

Instrument :
 BNA_M
 ClientSampleId :
 SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.7	76.3	114.5
200	30.9	24.4	36.6

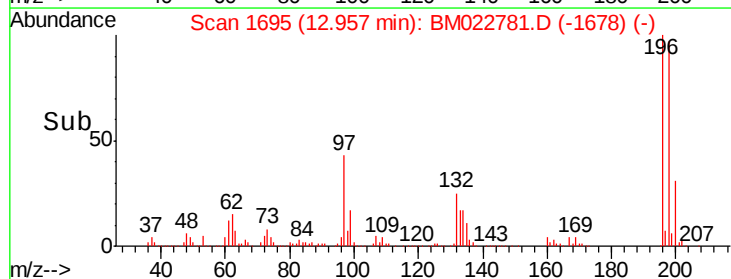
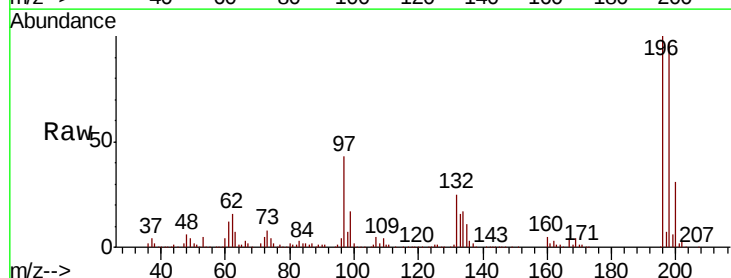
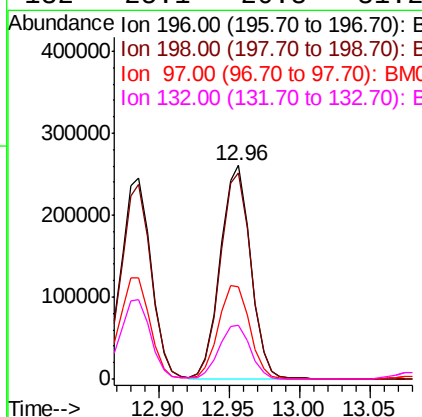
Manual Integrations
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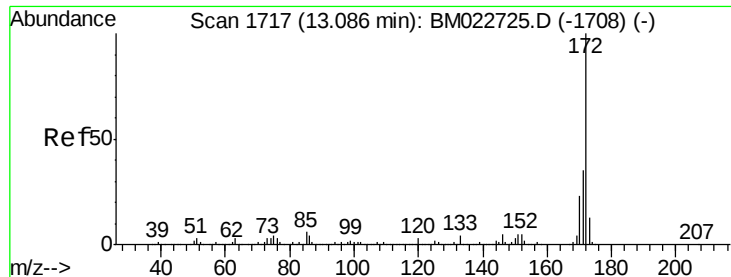
mohammad
 9/26/2019 3:55:10 PM



#44
 2,4,5-Trichlorophenol
 Concen: 39.871 ng
 RT: 12.96 min Scan# 1695
 Delta R.T. -0.00 min
 Lab File: BM022781.D
 Acq: 25 Sep 2019 20:57

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.6	77.0	115.4
97	43.3	37.2	55.8
132	25.1	20.8	31.2





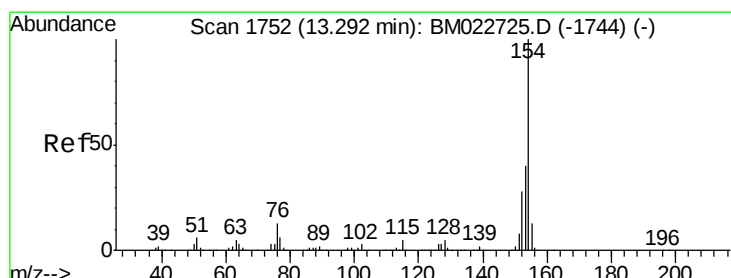
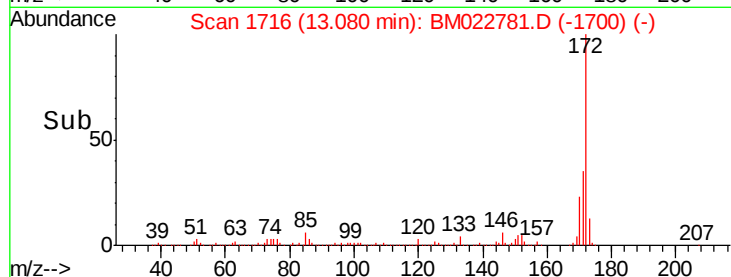
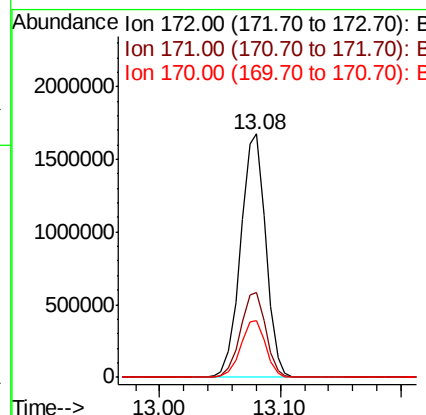
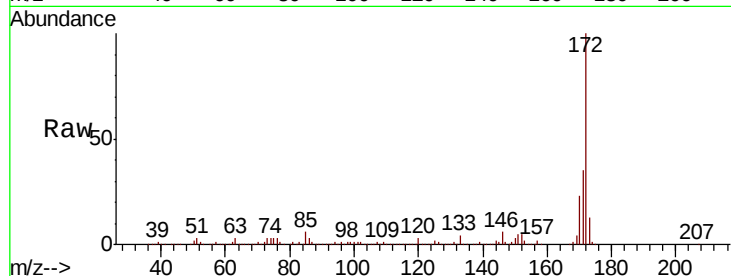
#45
2-Fluorobiphenyl
Concen: 70.032 ng
RT: 13.08 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.8	41.8
170	23.3	18.7	28.1

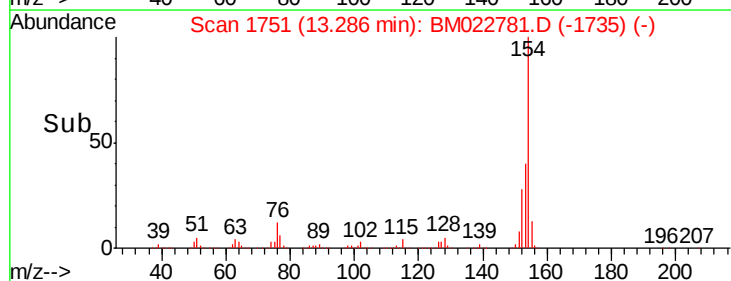
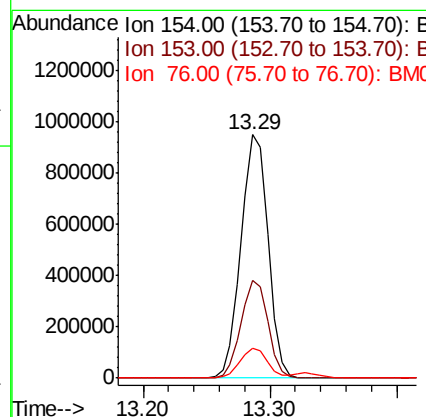
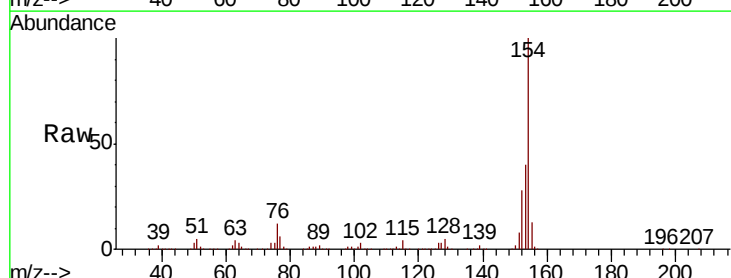
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#46
1,1'-Biphenyl
Concen: 35.294 ng
RT: 13.29 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.1	60.1
76	12.3	0.0	32.6





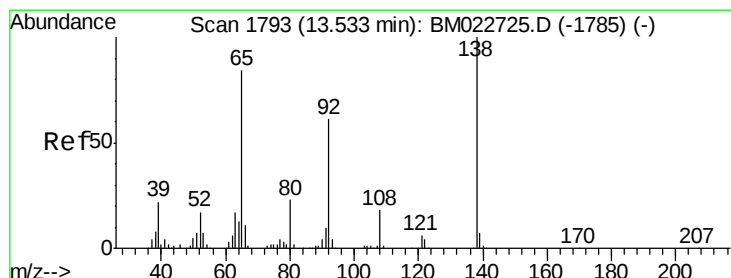
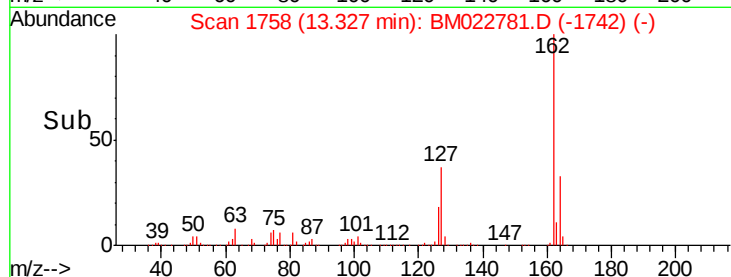
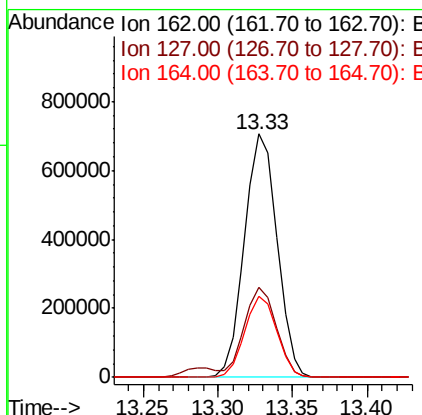
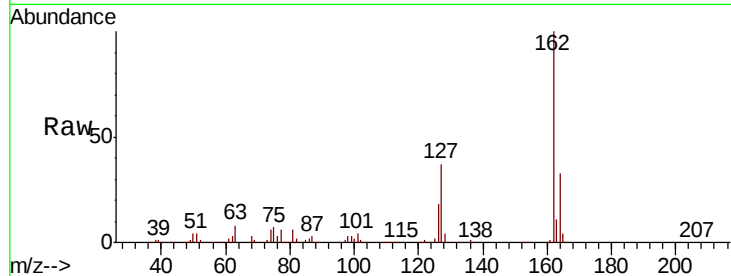
#47
2-Chloronaphthalene
Concen: 36.344 ng
RT: 13.33 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.2	29.0	43.6
164	33.2	26.0	39.0

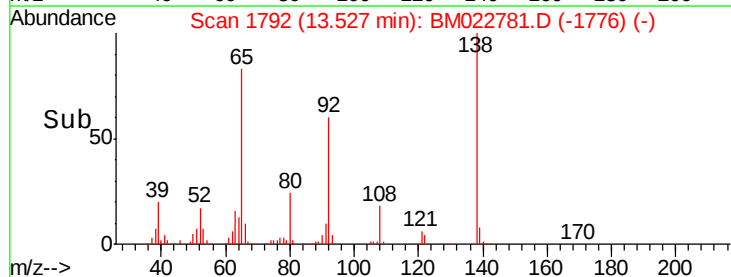
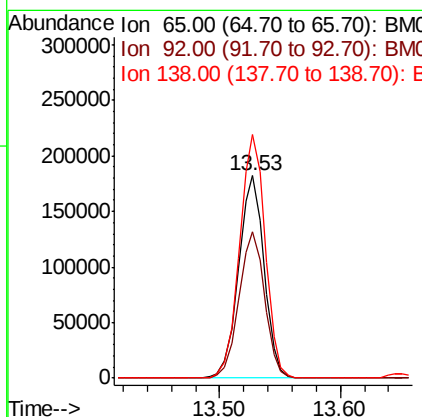
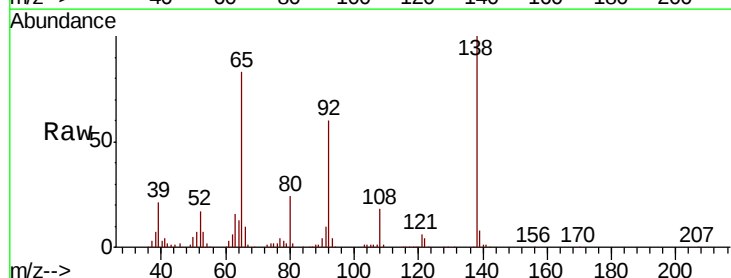
Manual Integrations
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#48
2-Nitroaniline
Concen: 35.048 ng
RT: 13.53 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.6	58.6	87.8
138	120.5	95.4	143.0





#49

Acenaphthylene

Concen: 41.238 ng

RT: 14.17 min Scan# 1902

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MSD

Tot Ion:152 Resp: 1800856

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

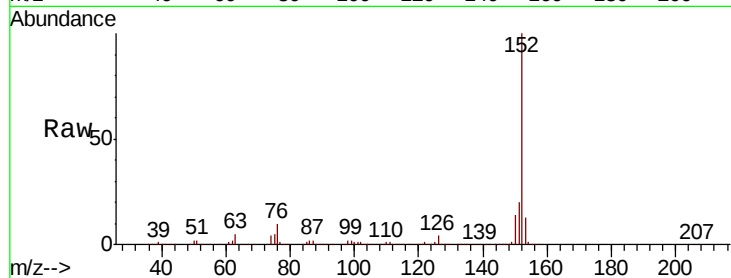
153 13.2 10.5 15.7

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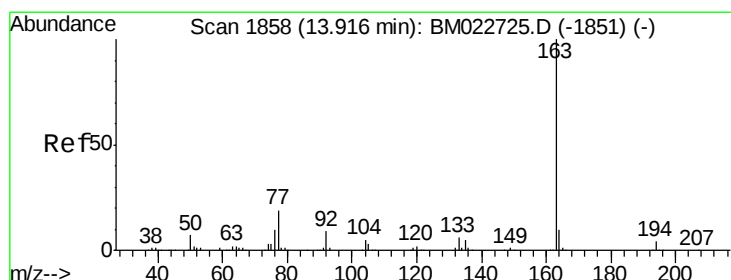
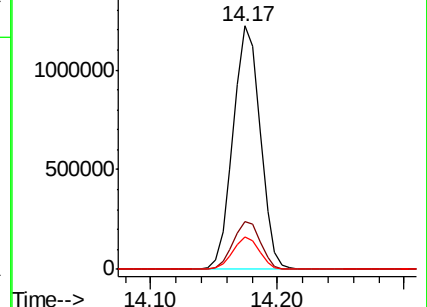
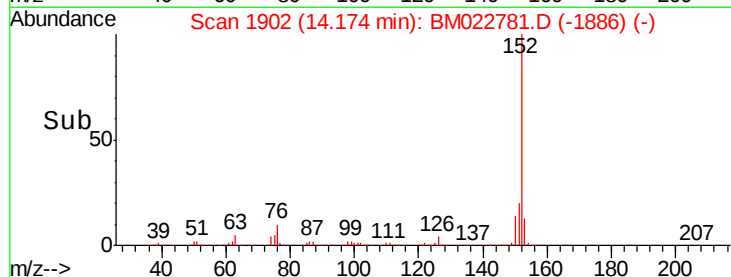
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.414 ng

RT: 13.91 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

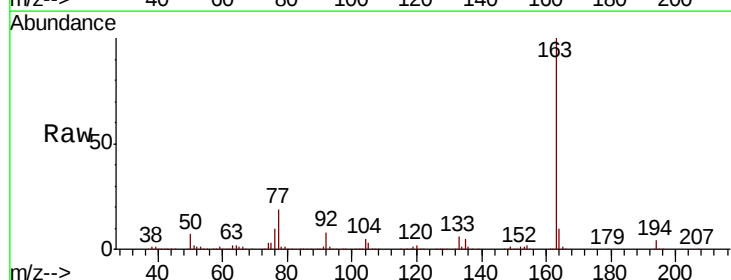
Tgt Ion:163 Resp: 1534409

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

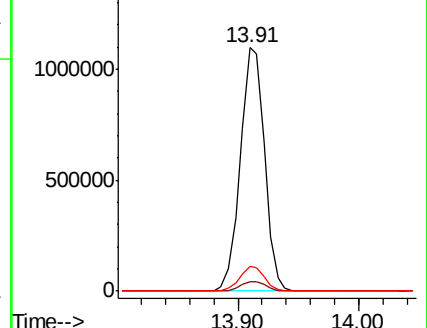
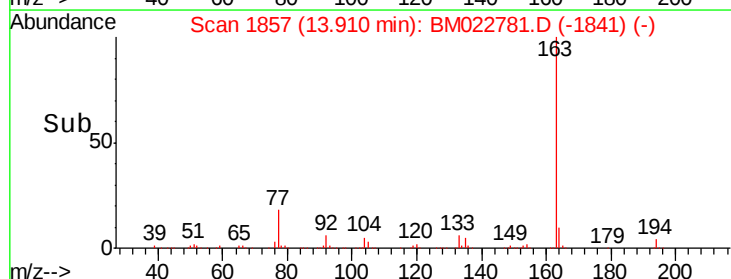
164 10.3 8.2 12.2

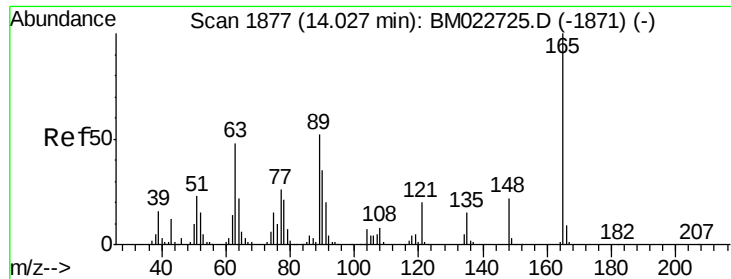


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





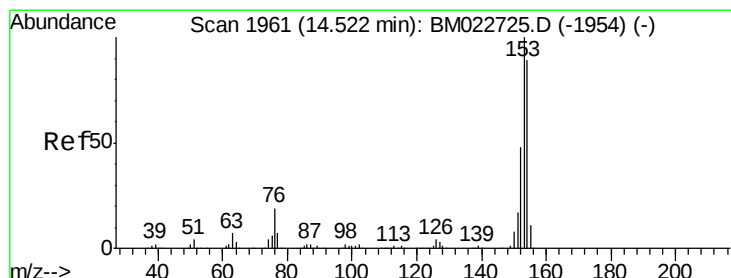
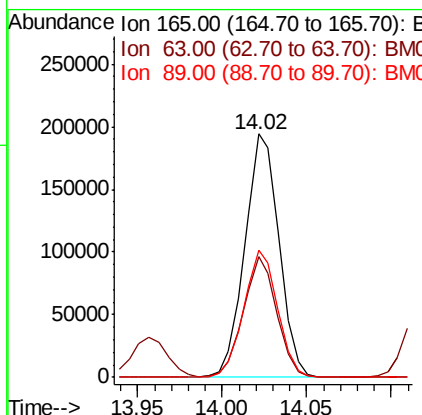
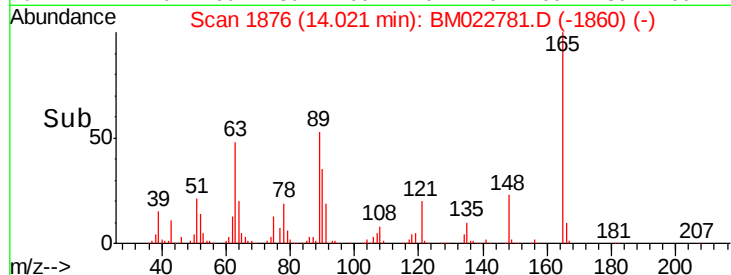
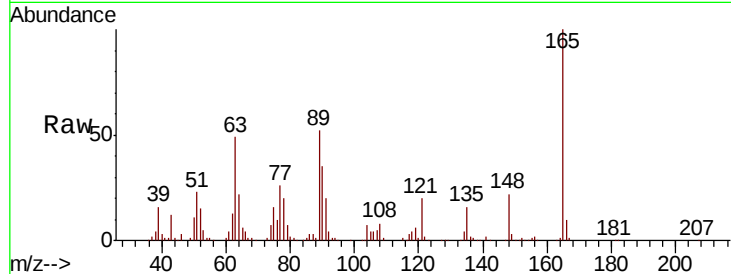
#51
2,6-Dinitrotoluene
Concen: 37.891 ng
RT: 14.02 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	273820		
63	49.5		38.6	58.0
89	52.2		41.6	62.4

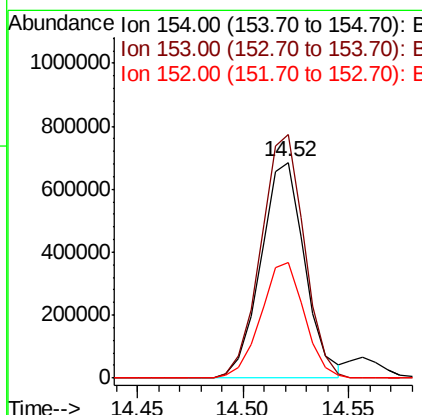
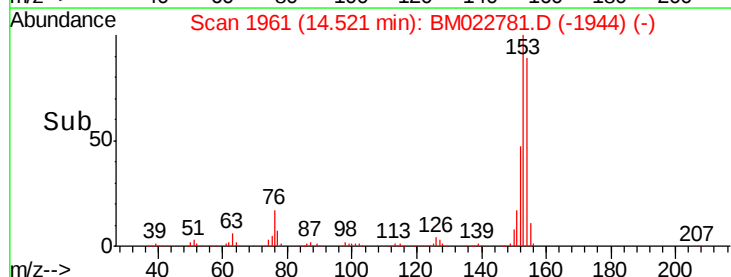
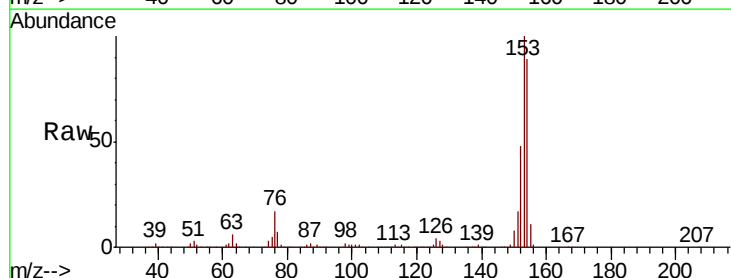
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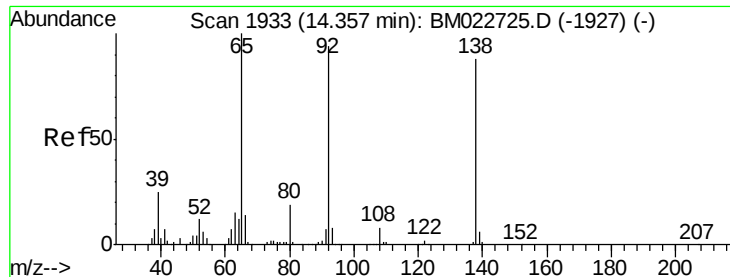
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#52
Acenaphthene
Concen: 34.680 ng
RT: 14.52 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	990823		
153	113.0		90.0	135.0
152	53.8		42.9	64.3





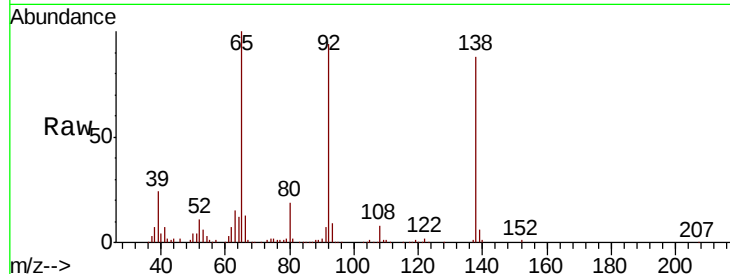
#53
3-Nitroaniline
Concen: 24.651 ng
RT: 14.35 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.3	10.9
92	106.5	86.3	129.5

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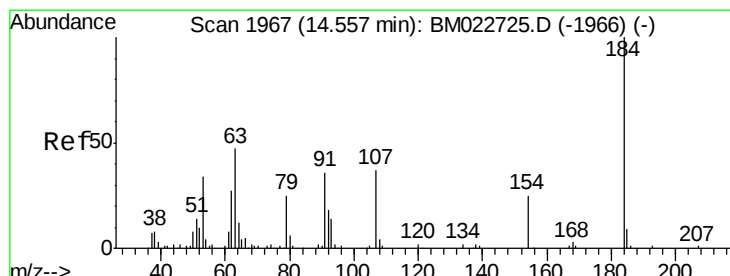
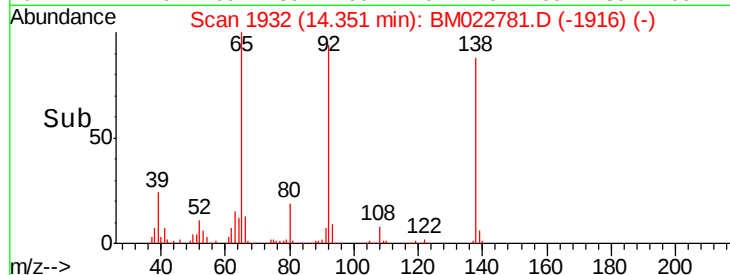
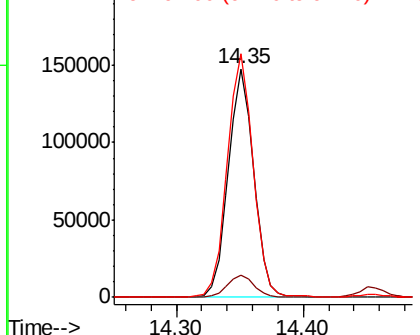


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54
2,4-Dinitrophenol
Concen: 42.717 ng
RT: 14.56 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

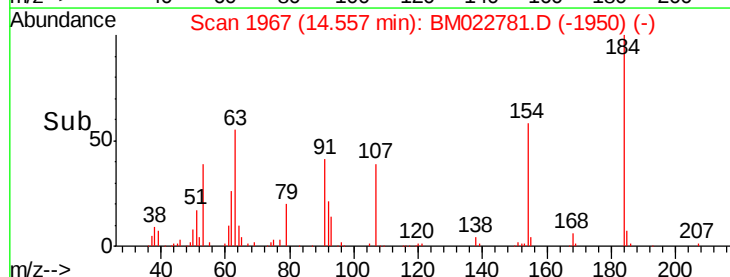
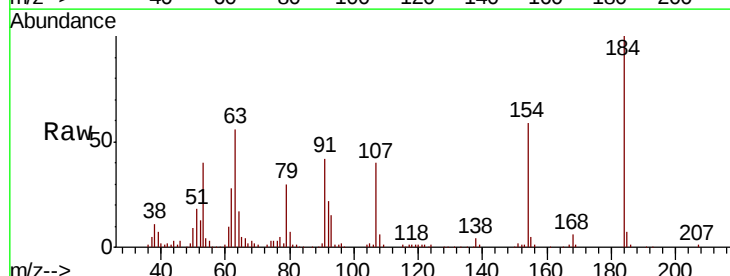
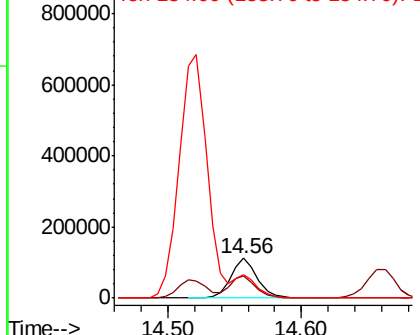
Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.0	48.5	72.7
154	58.9	48.1	72.1

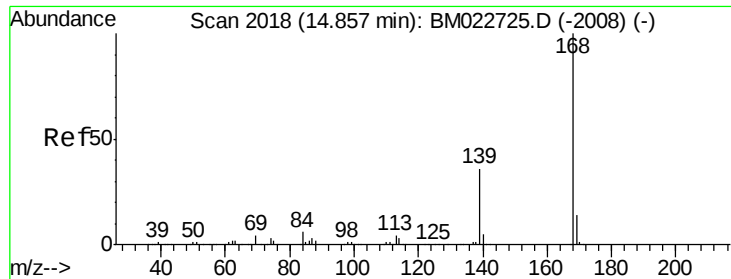
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





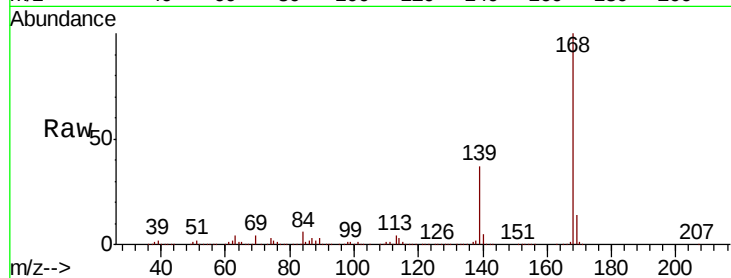
#55
Dibenzofuran
Concen: 36.817 ng
RT: 14.85 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.5	28.8	43.2
169	13.6	10.9	16.3

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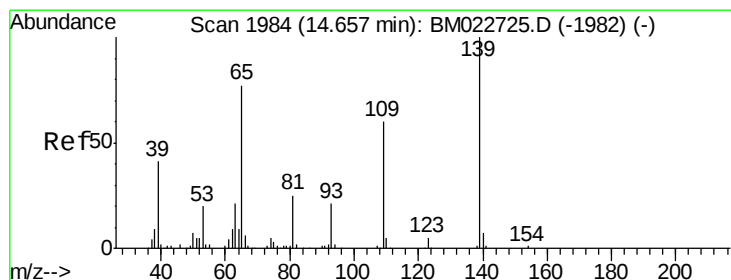
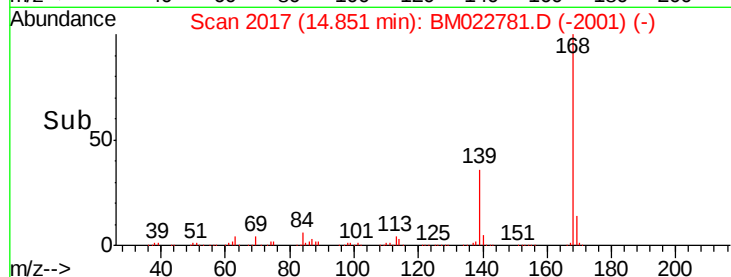
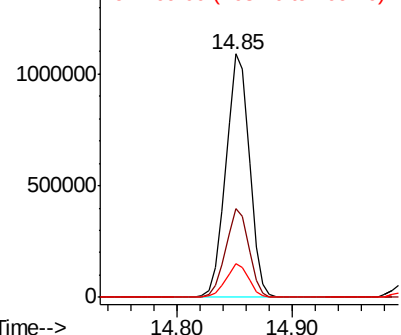


Abundance

Ion 168.00 (167.70 to 168.70): E

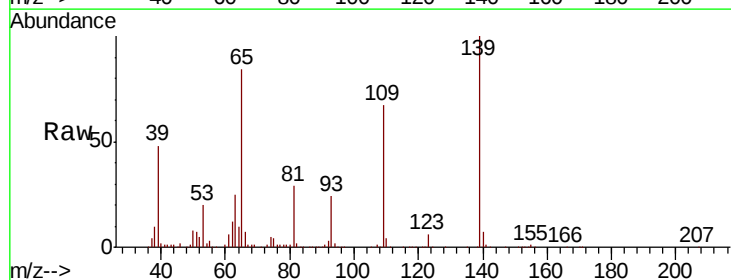
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 75.263 ng
RT: 14.66 min Scan# 1985
Delta R.T. 0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.7	44.8	84.8
65	83.6	66.6	106.6

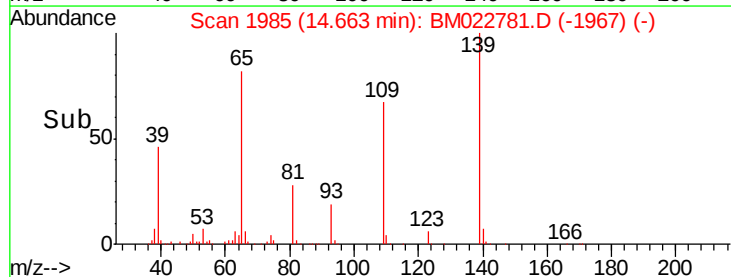
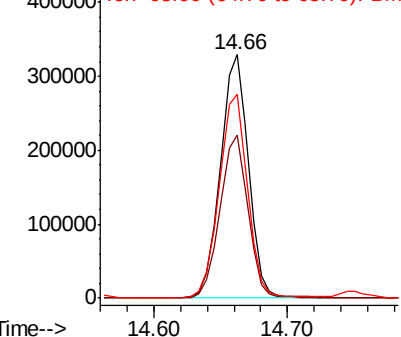


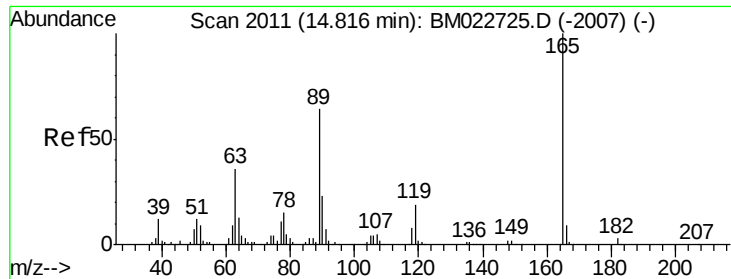
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





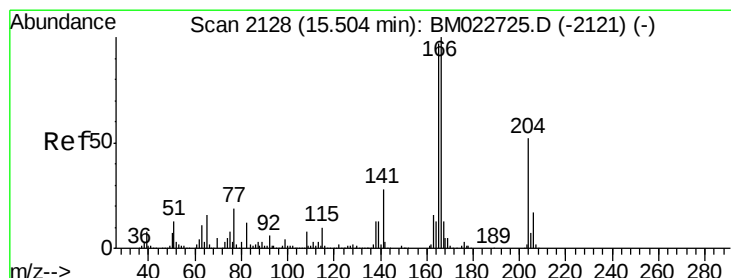
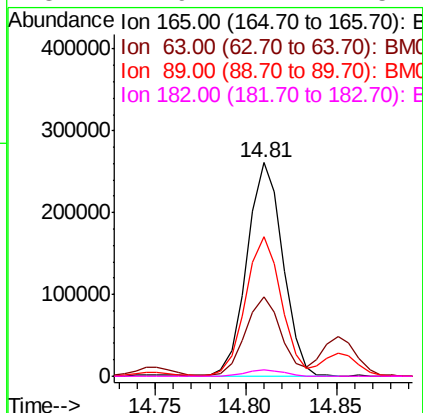
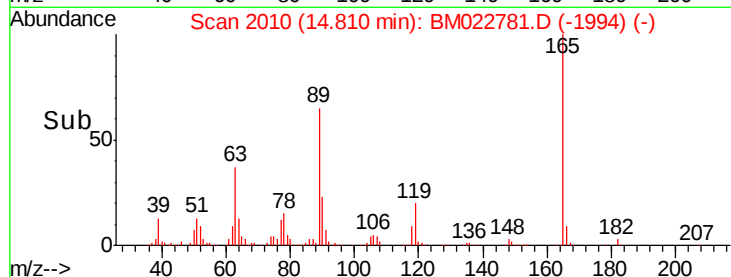
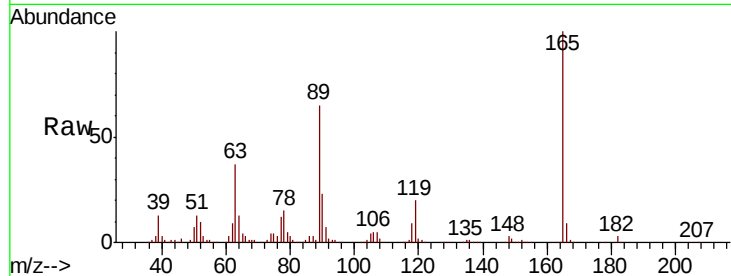
#57
2,4-Dinitrotoluene
Concen: 37.560 ng
RT: 14.81 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	355592		
63	36.9		30.1	45.1
89	65.3		52.5	78.7
182	2.9		2.2	3.4

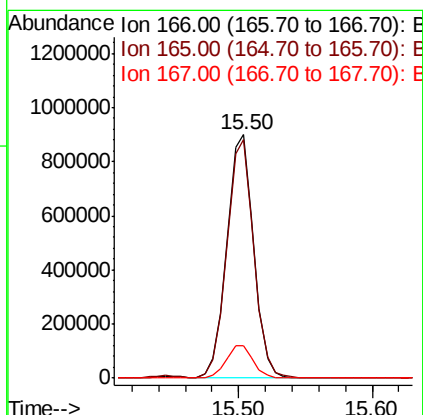
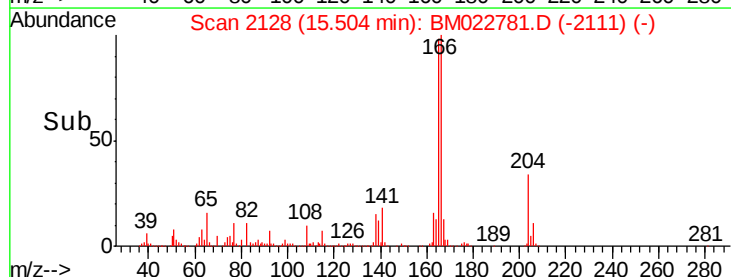
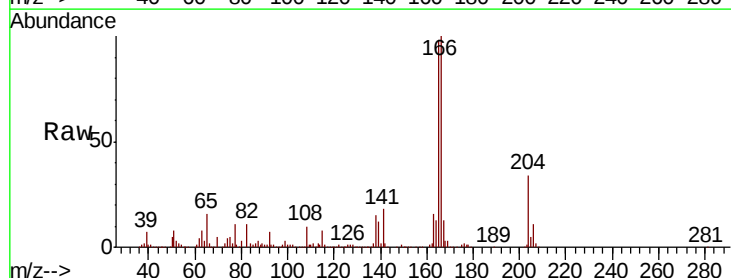
Manual Integrations
APPROVED

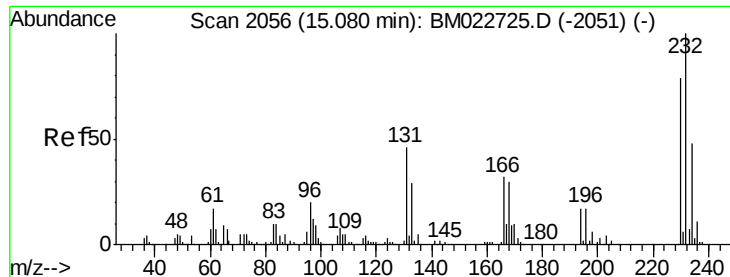
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#58
Fluorene
Concen: 37.255 ng
RT: 15.50 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1262711		
165	97.7		77.6	116.4
167	13.4		10.8	16.2





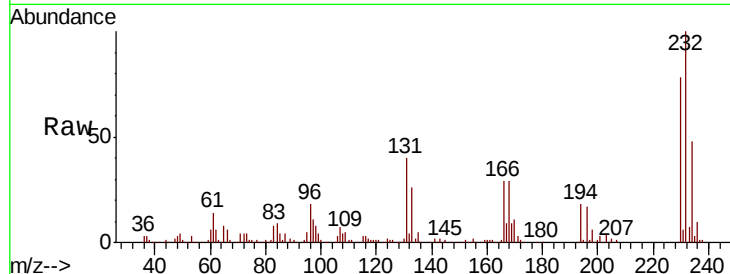
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.681 ng
 RT: 15.08 min Scan# 2056
 Delta R.T. -0.00 min
 Lab File: BM022781.D
 Acq: 25 Sep 2019 20:57

Instrument :
 BNA_M
 ClientSampleId :
 SAND-STOCKPILE-1MSD

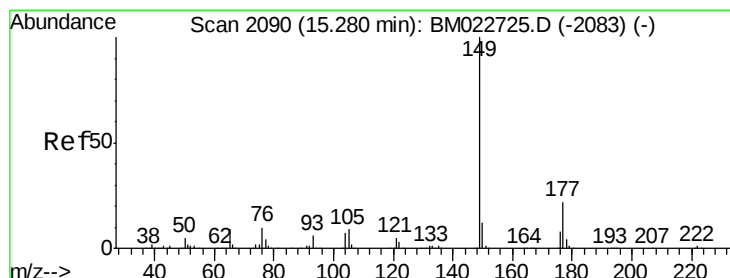
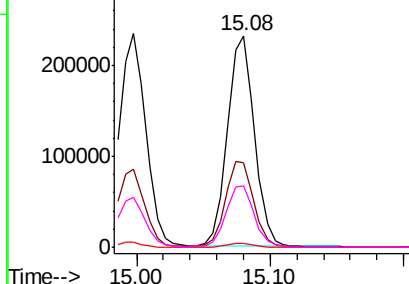
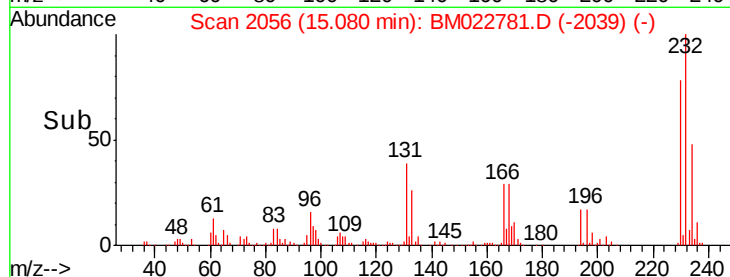
Tot Ion	Ratio	Resp	Lower	Upper
232	100	328662		
131	42.2	36.3	54.5	
130	2.3	1.8	2.8	
166	30.2	25.0	37.4	

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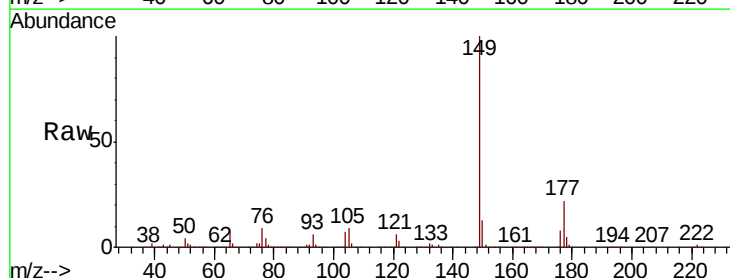


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

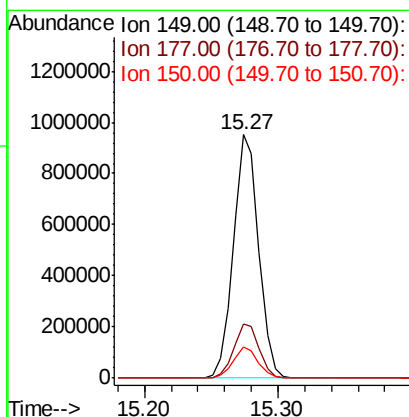
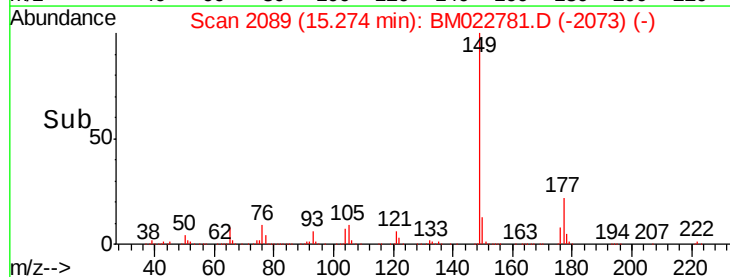


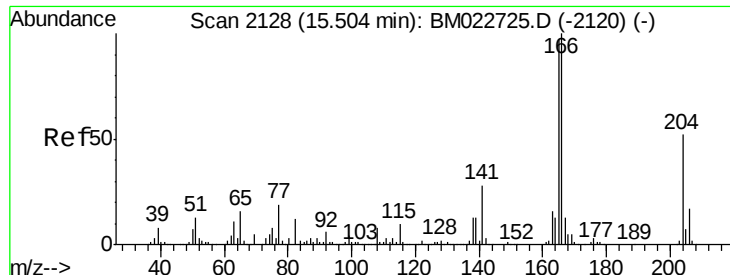
#60
 Diethylphthalate
 Concen: 37.107 ng
 RT: 15.27 min Scan# 2089
 Delta R.T. -0.01 min
 Lab File: BM022781.D
 Acq: 25 Sep 2019 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1246511		
177	22.2	17.6	26.4	
150	12.6	9.9	14.9	



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





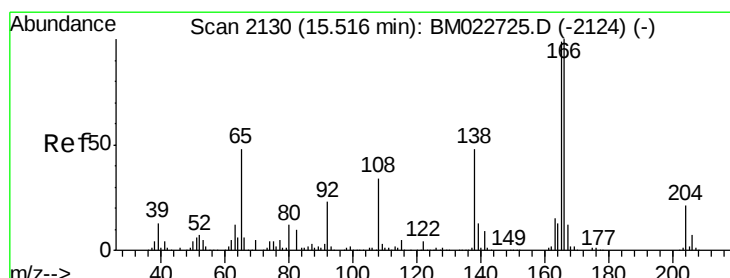
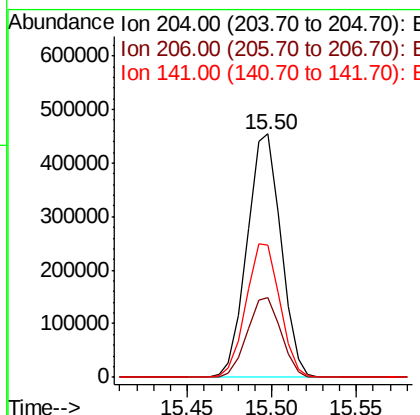
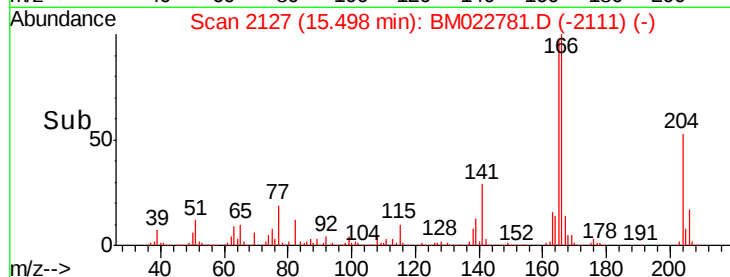
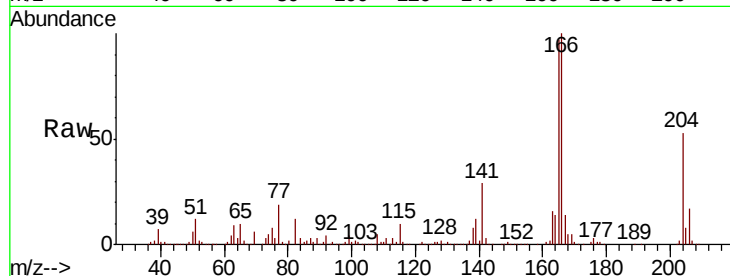
#61
 4-Chlorophenyl-phenylether
 Concen: 36.512 ng
 RT: 15.50 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BM022781.D
 Acq: 25 Sep 2019 20:57

Instrument :
 BNA_M
 ClientSampleId :
 SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.2	39.4
141	54.2	42.6	64.0

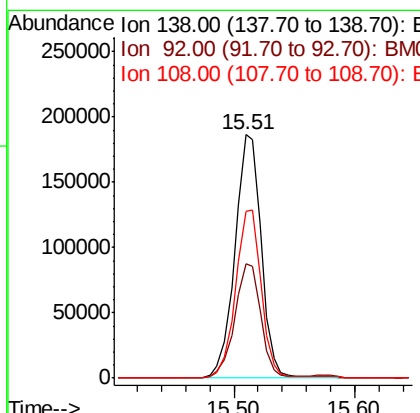
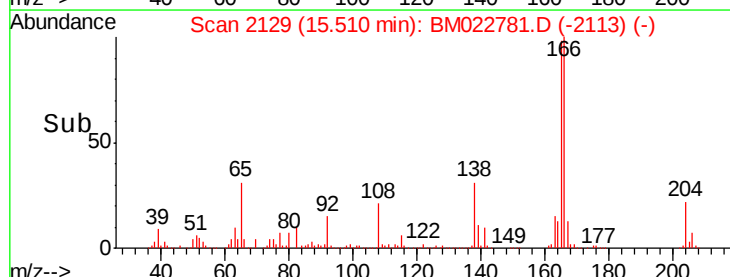
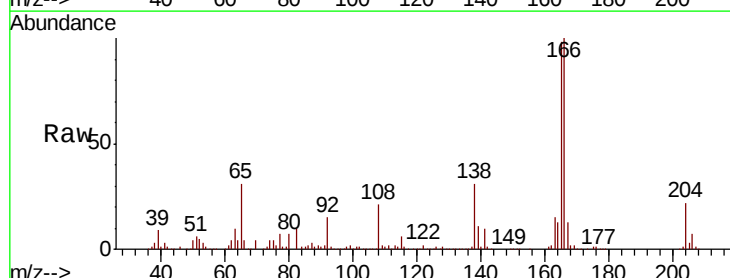
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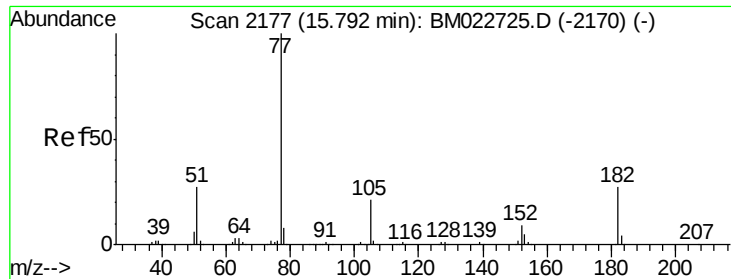
mohammad
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#62
 4-Nitroaniline
 Concen: 32.537 ng
 RT: 15.51 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BM022781.D
 Acq: 25 Sep 2019 20:57

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.9	28.7	68.7
108	68.7	50.3	90.3





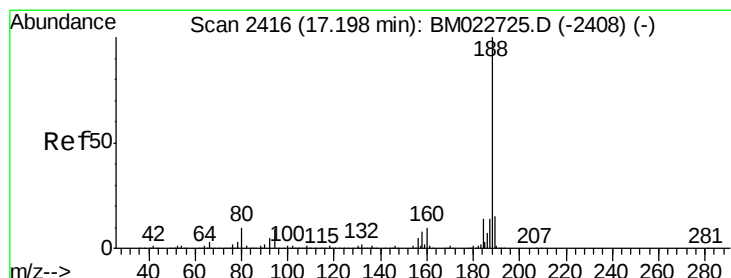
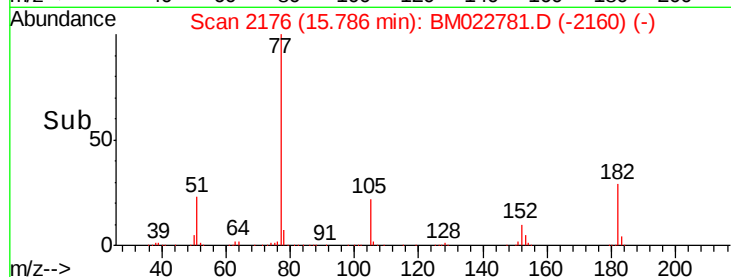
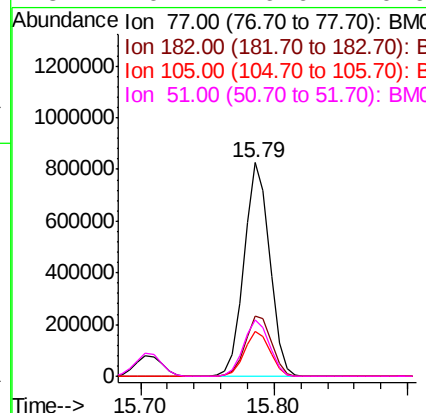
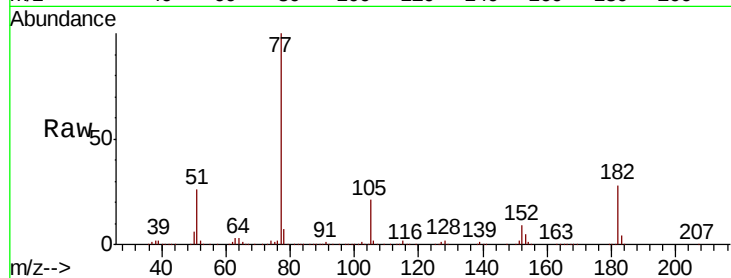
#63
Azobenzene
Concen: 35.754 ng
RT: 15.79 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.0	7.0	47.0	
105	21.2	0.9	40.9	
51	26.2	6.6	46.6	

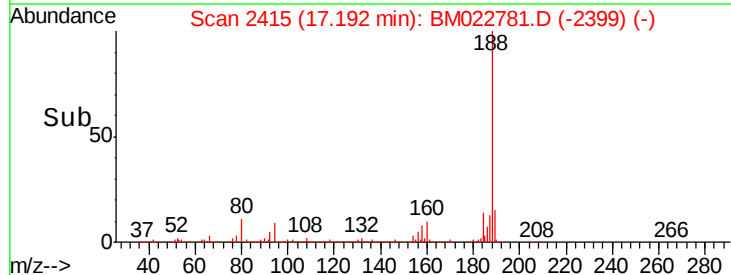
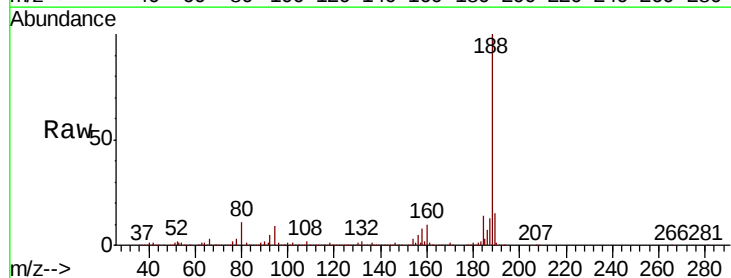
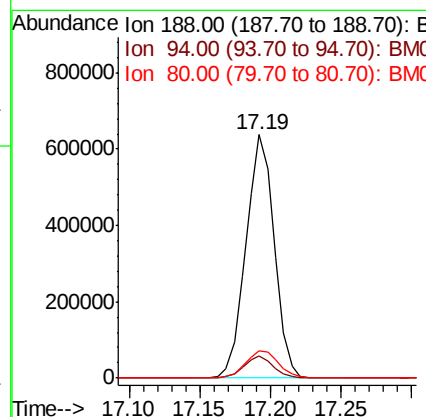
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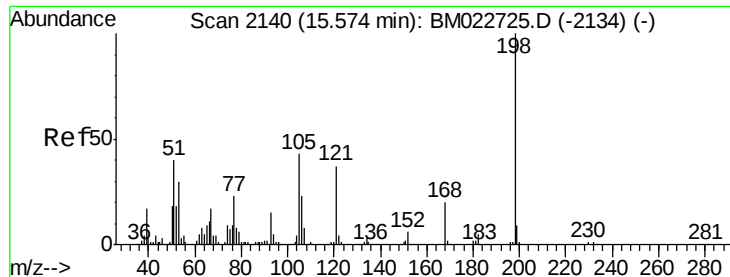
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.9	7.3	10.9	
80	11.0	7.8	11.8	





#65

4,6-Dinitro-2-methylphenol

Concen: 28.864 ng

RT: 15.57 min Scan# 2140

Delta R.T. 0.00 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MSD

Tot Ion:198 Resp: 115829

Ion Ratio Lower Upper

198 100

51 37.5 21.0 61.0

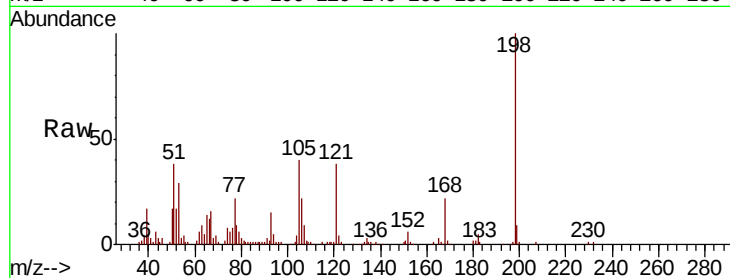
105 40.3 22.5 62.5

Manual Integrations

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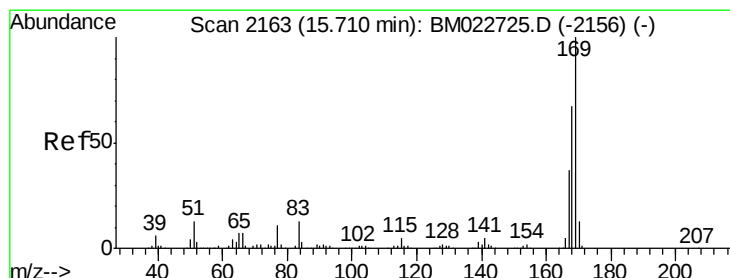
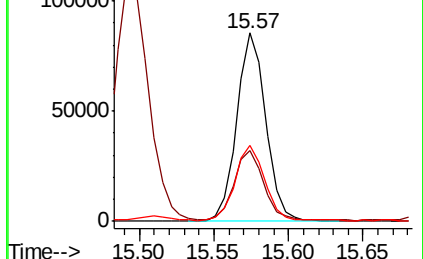
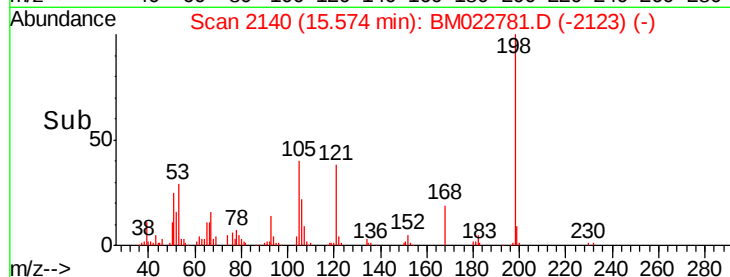
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.284 ng

RT: 15.71 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

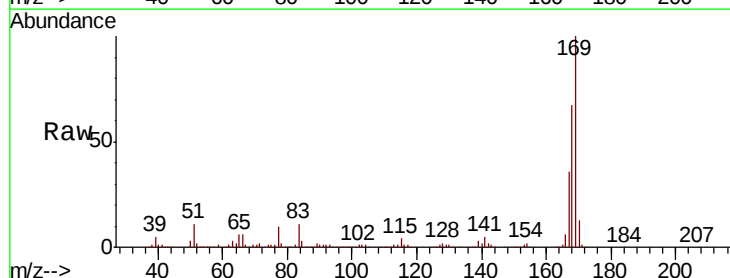
Tgt Ion:169 Resp: 1072704

Ion Ratio Lower Upper

169 100

168 66.7 53.4 80.2

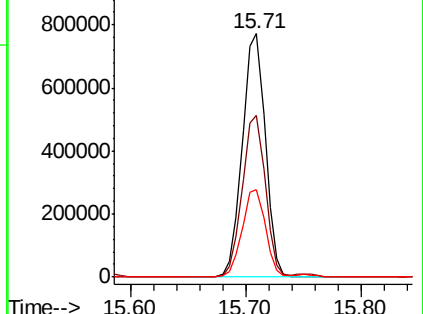
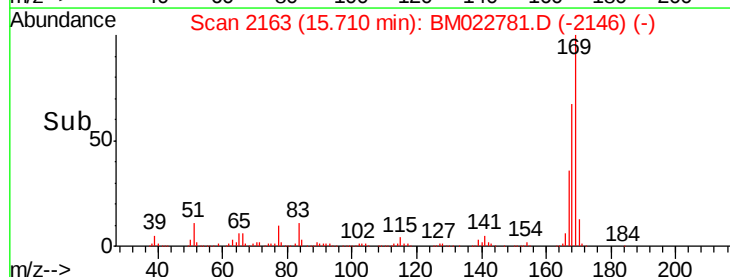
167 36.0 29.3 43.9

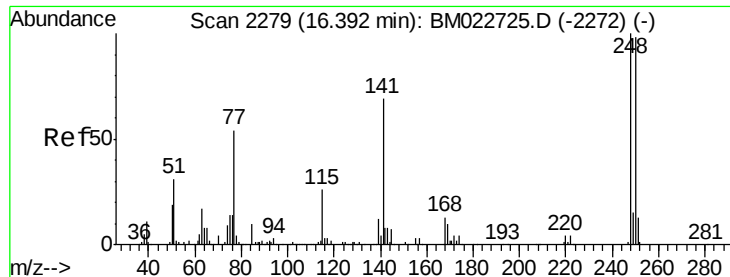


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





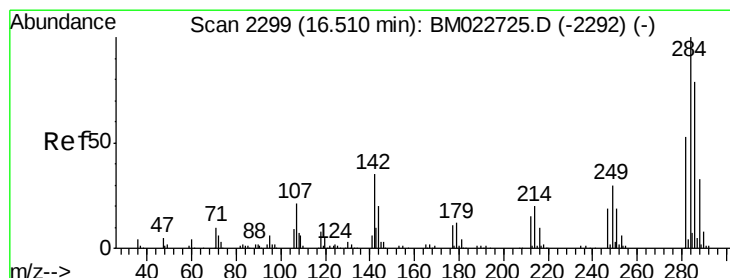
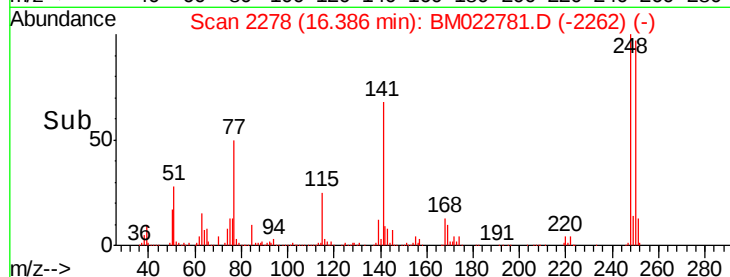
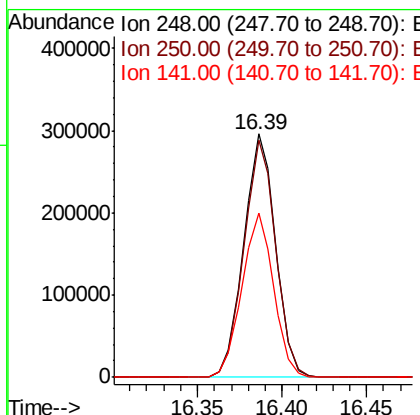
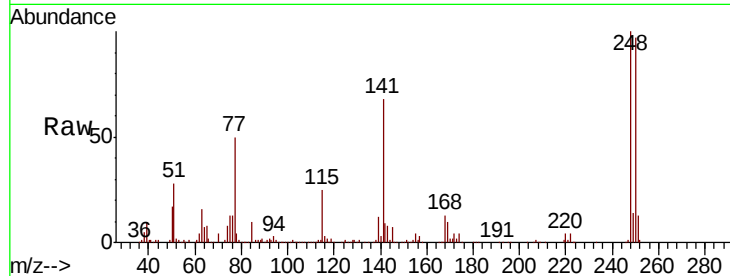
#67
 4-Bromophenyl-phenylether
 Concen: 39.029 ng
 RT: 16.39 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BM022781.D
 Acq: 25 Sep 2019 20:57

Instrument :
 BNA_M
 ClientSampleId :
 SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	78.4	117.6
141	67.7	55.1	82.7

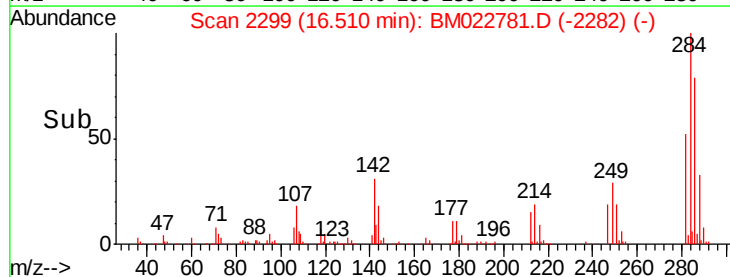
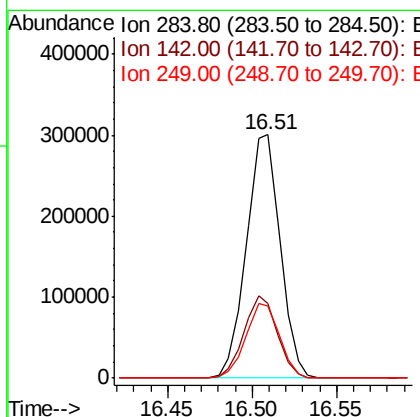
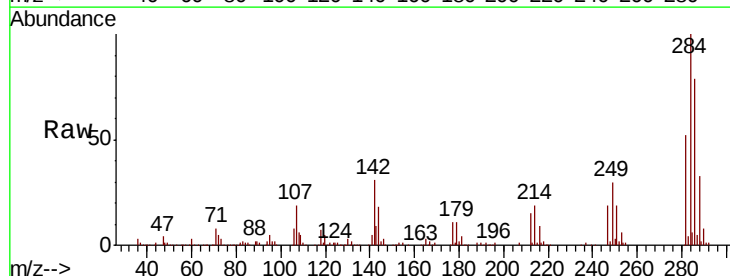
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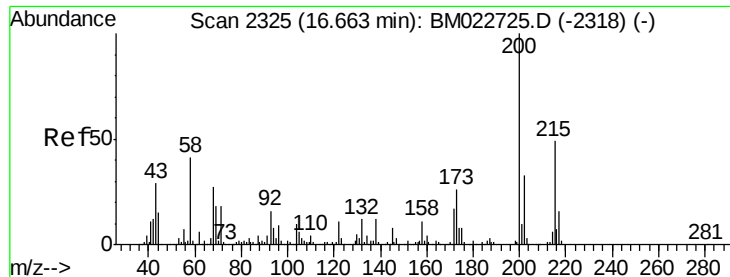
mohammad
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#68
 Hexachlorobenzene
 Concen: 36.318 ng
 RT: 16.51 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: BM022781.D
 Acq: 25 Sep 2019 20:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.8	27.8	41.8
249	29.7	24.4	36.6





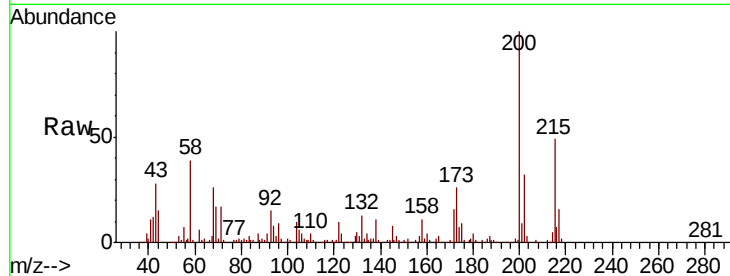
#69
Atrazine
Concen: 36.124 ng
RT: 16.66 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.7	5.8	45.8
215	48.6	29.2	69.2

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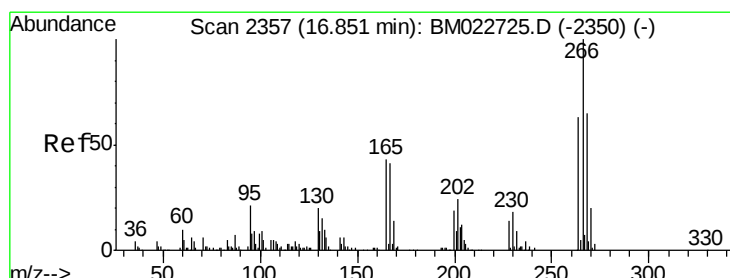
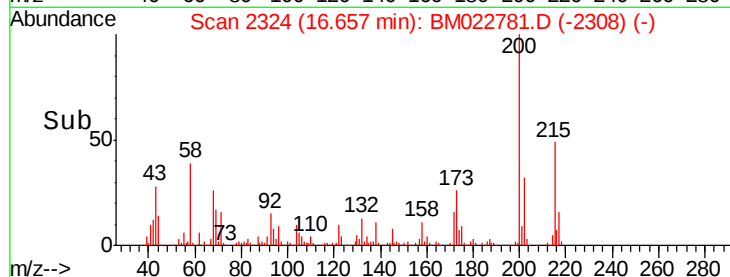
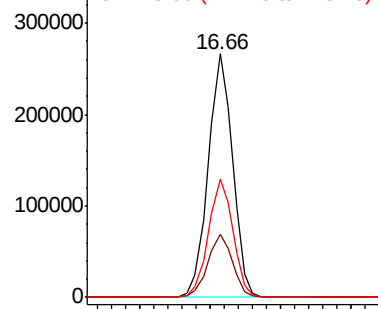


Abundance

Ion 200.00 (199.70 to 200.70): E

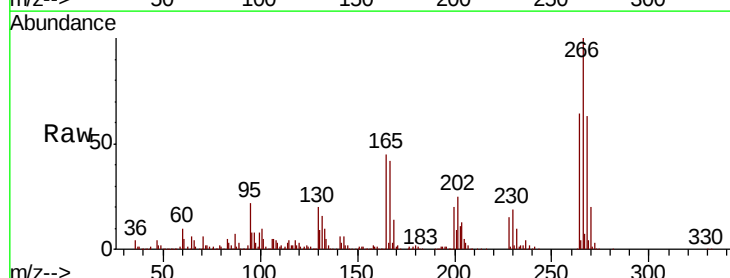
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 83.039 ng
RT: 16.84 min Scan# 2356
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.8	77.6
264	63.5	50.2	75.4

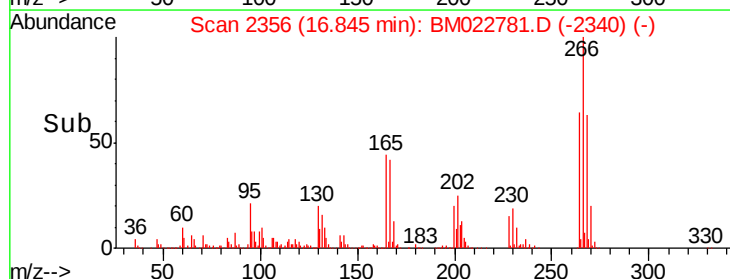
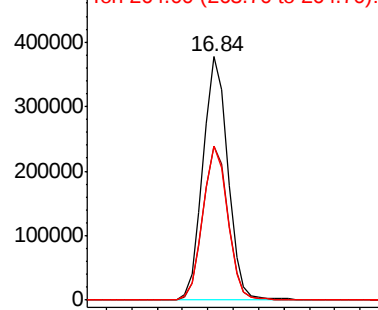


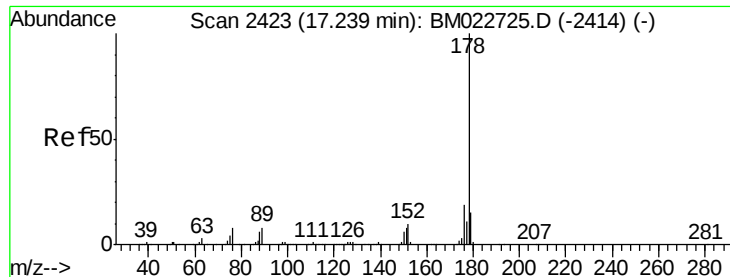
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





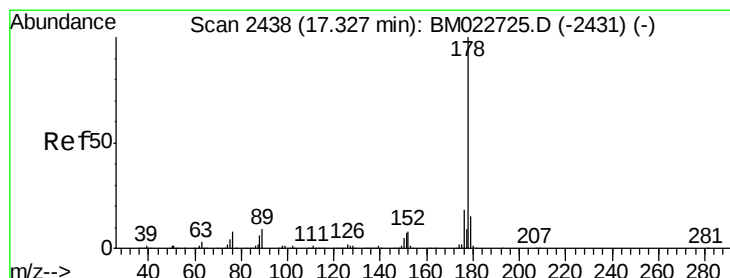
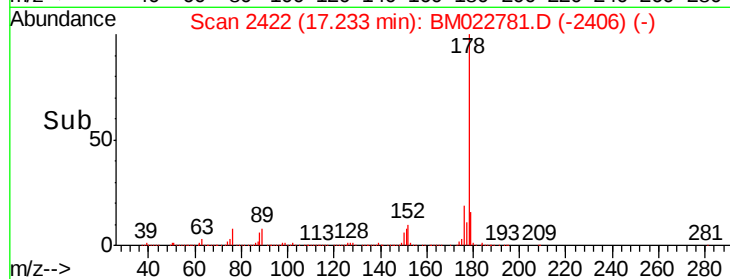
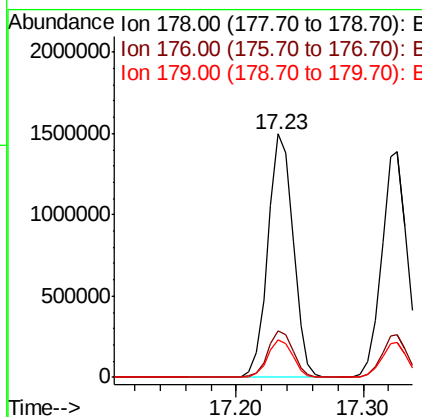
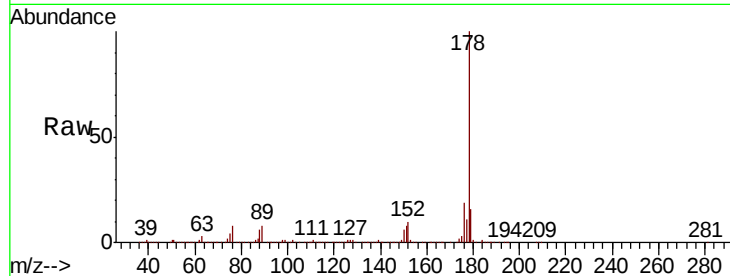
#71
Phenanthrene
Concen: 41.064 ng
RT: 17.23 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.7	12.3	18.5

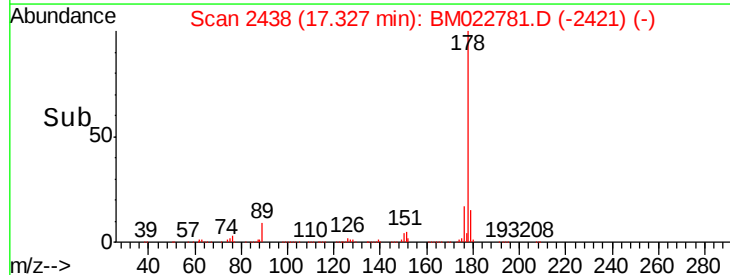
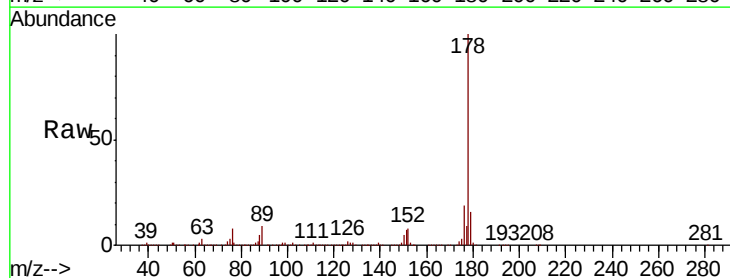
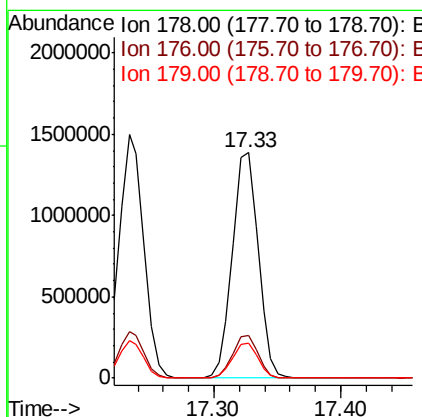
Manual Integrations
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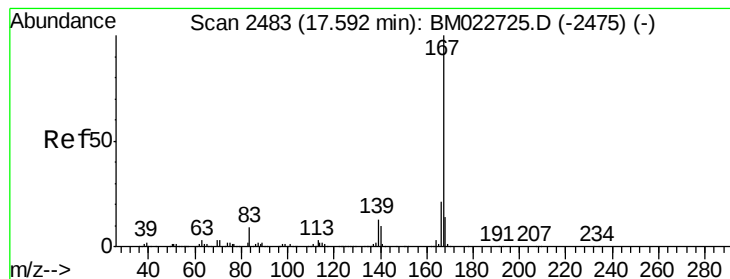
mohammad
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#72
Anthracene
Concen: 40.072 ng
RT: 17.33 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.7	22.1
179	15.5	12.2	18.4





#73

Carbazole

Concen: 36.861 ng

RT: 17.59 min Scan# 2483

Delta R.T. -0.00 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Instrument :

BNA_M

ClientSampleId :

SAND-STOCKPILE-1MSD

Tot Ion:167 Resp: 1676614

Ion Ratio Lower Upper

167 100

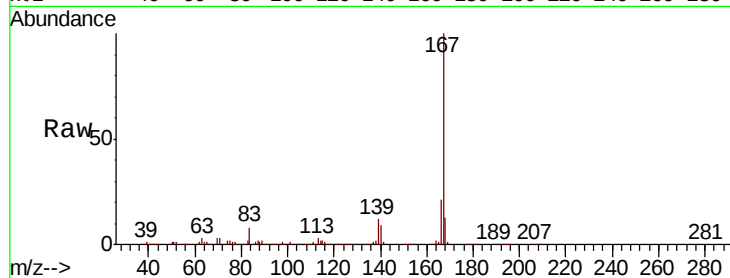
166 21.5 17.0 25.4

139 12.4 10.1 15.1

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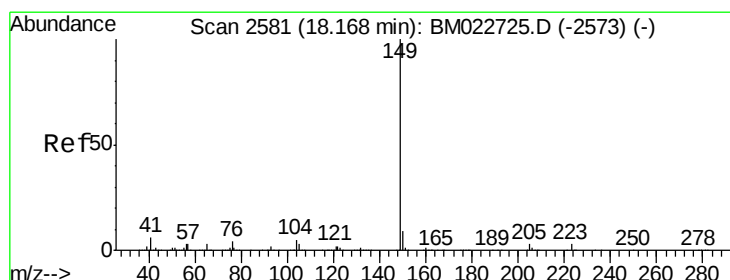
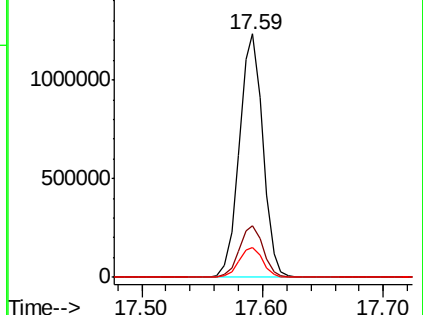
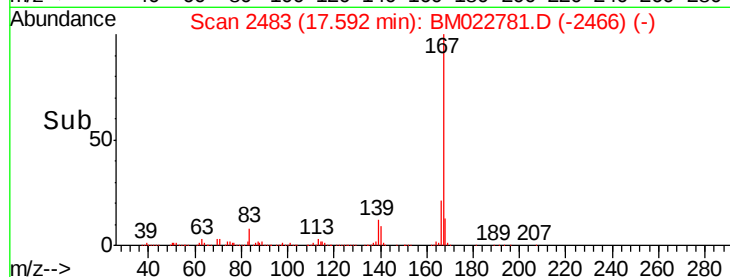


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.849 ng

RT: 18.16 min Scan# 2580

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

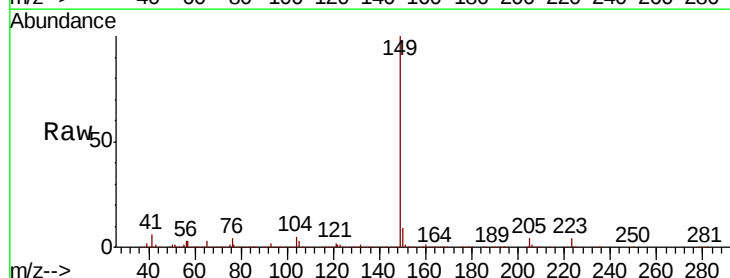
Tgt Ion:149 Resp: 2106781

Ion Ratio Lower Upper

149 100

150 9.0 7.3 10.9

104 4.6 3.8 5.6

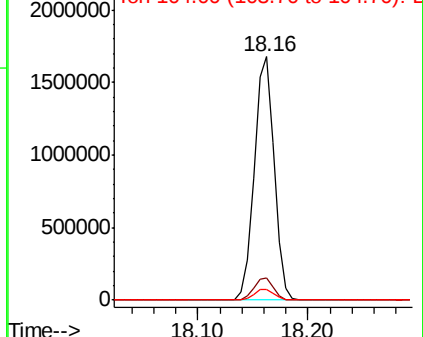
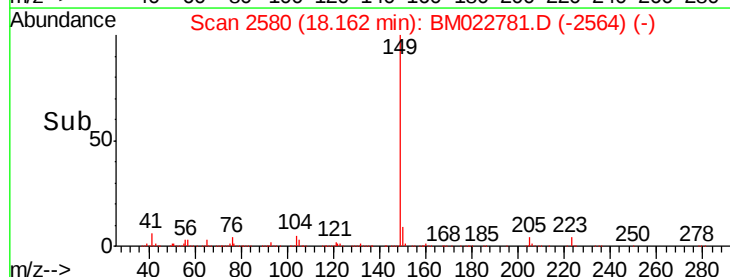


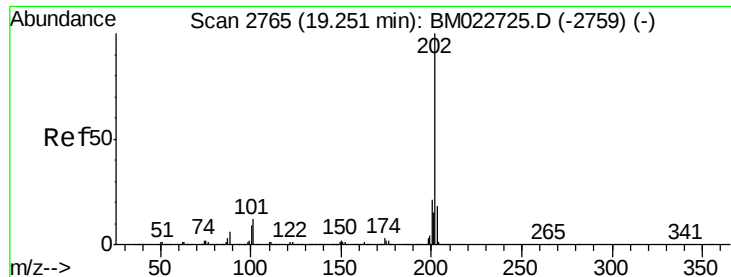
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





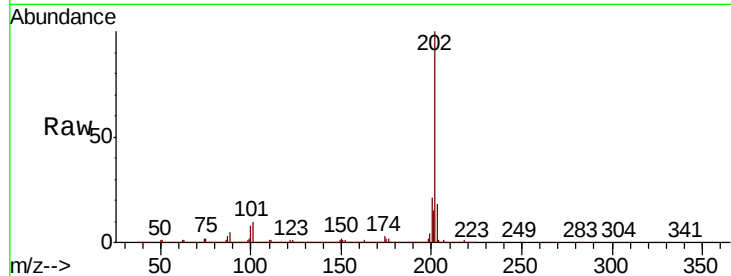
#75
 Fluoranthene
 Concen: 42.569 ng
 RT: 19.25 min Scan# 2765
 Delta R.T. -0.00 min
 Lab File: BM022781.D
 Acq: 25 Sep 2019 20:57

Instrument :
 BNA_M
 ClientSampleId :
 SAND-STOCKPILE-1MSD

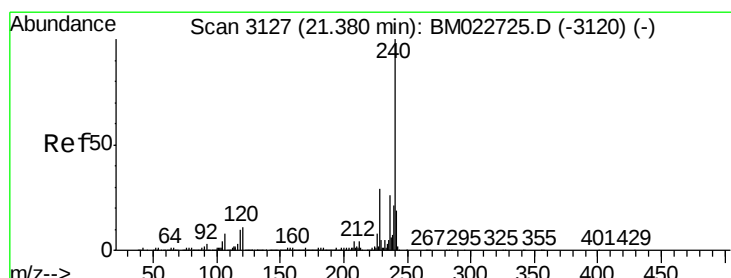
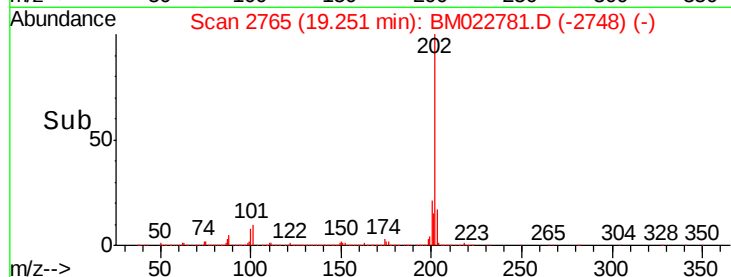
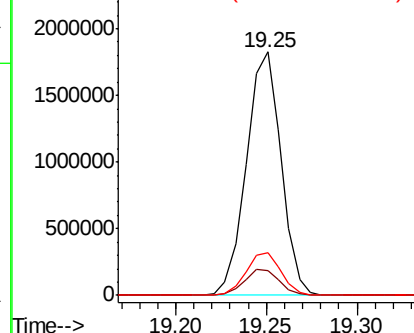
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		2422730		
101	10.4	0.0	32.1		
203	17.6	0.0	37.7		

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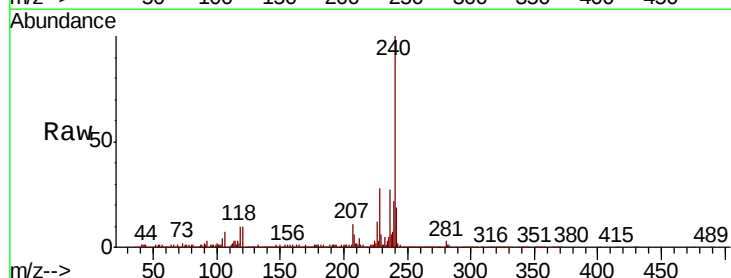


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

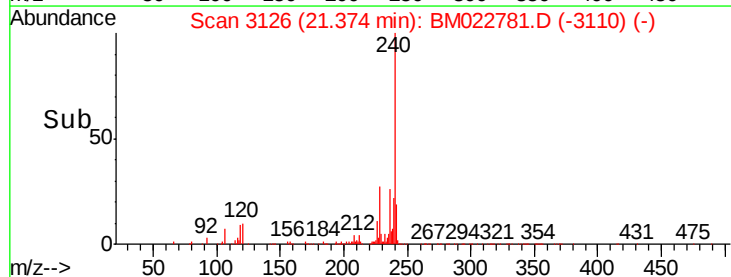
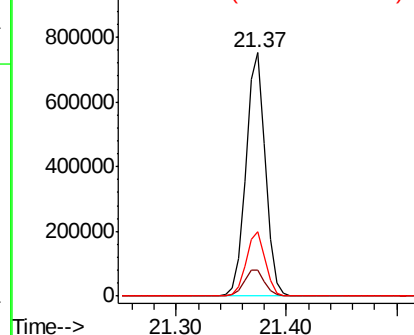


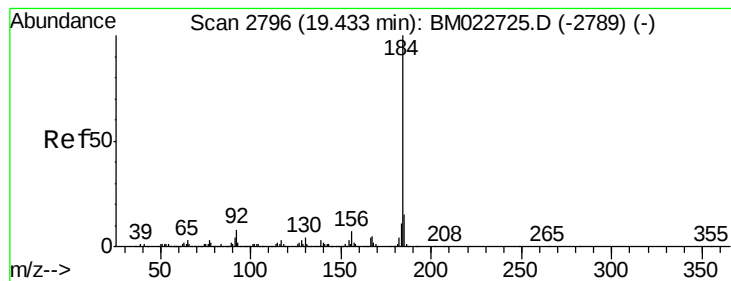
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.37 min Scan# 3126
 Delta R.T. -0.01 min
 Lab File: BM022781.D
 Acq: 25 Sep 2019 20:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		926533		
120	10.5	8.8	13.2		
236	26.5	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





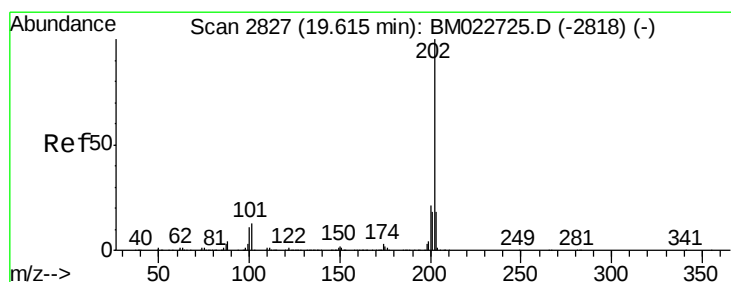
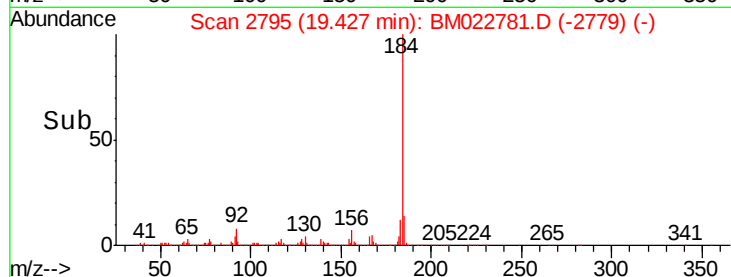
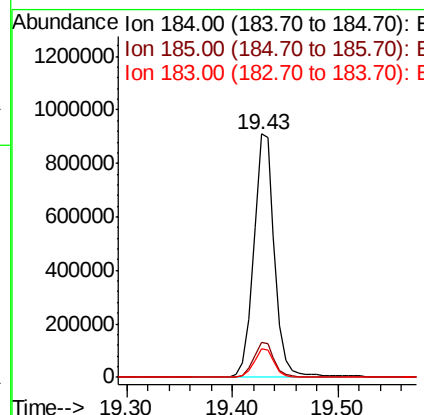
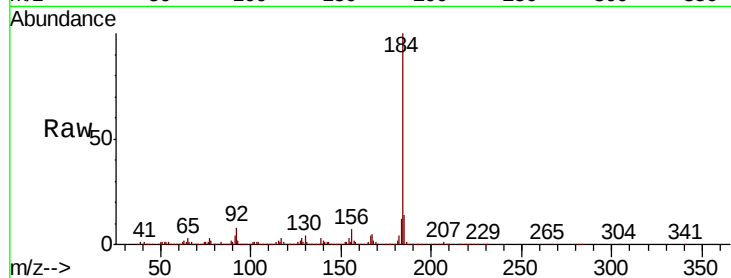
#77
Benzidine
Concen: 49.107 ng
RT: 19.43 min Scan# 2795
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.6	17.4
183	11.6	9.1	13.7

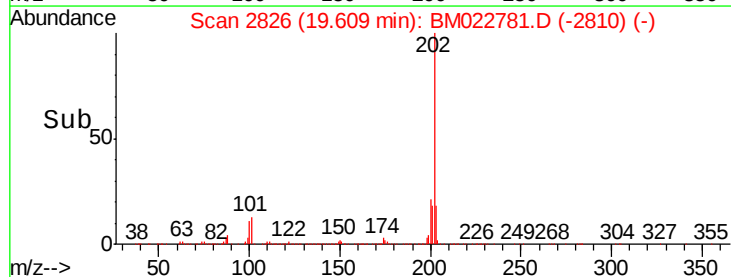
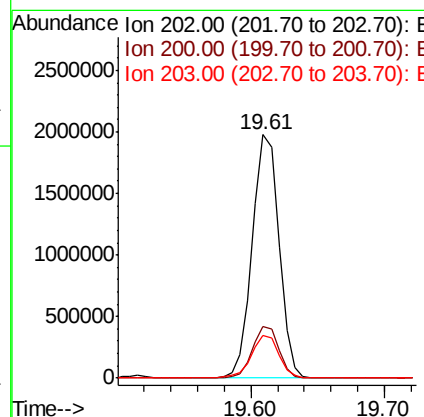
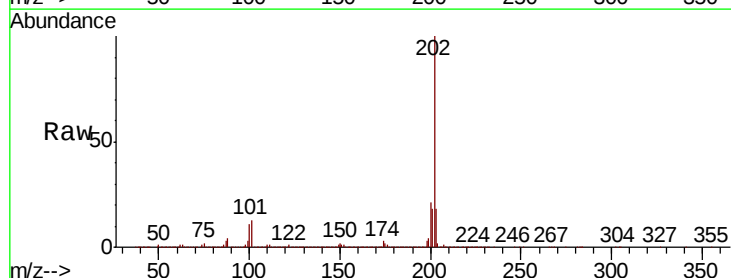
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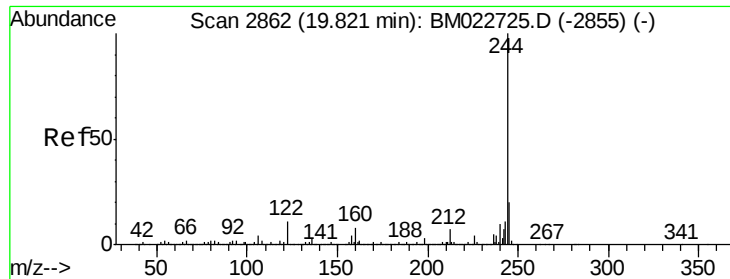
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#78
Pyrene
Concen: 44.739 ng
RT: 19.61 min Scan# 2826
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.7	25.1
203	17.8	14.1	21.1





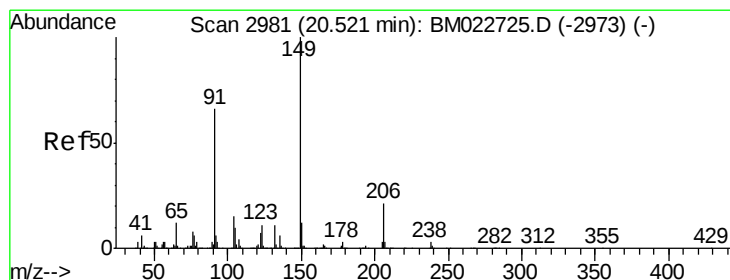
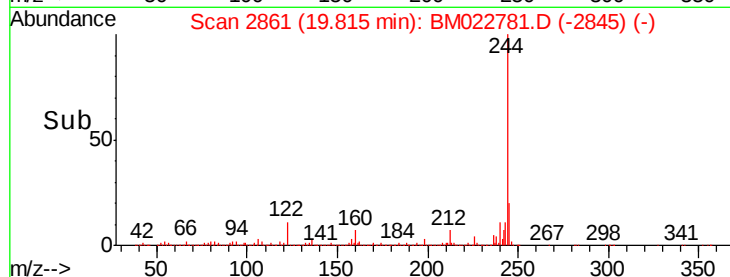
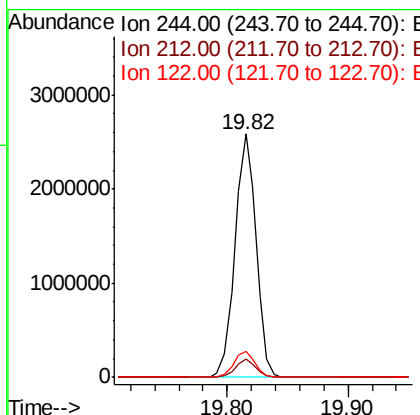
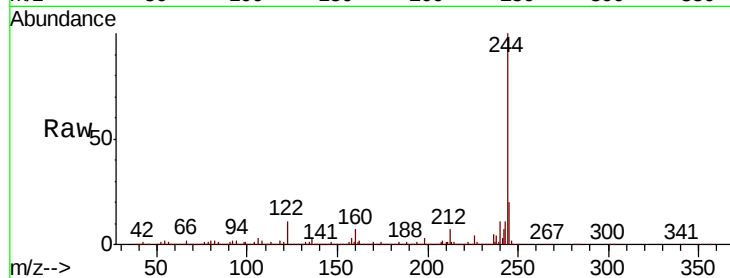
#79
 Terphenyl-d14
 Concen: 65.555 ng
 RT: 19.82 min Scan# 2861
 Delta R.T. -0.01 min
 Lab File: BM022781.D
 Acq: 25 Sep 2019 20:57

Instrument :
 BNA_M
 ClientSampleId :
 SAND-STOCKPILE-1MSD

Tot Ion:244 Resp: 3136726
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 10.8 9.0 13.4

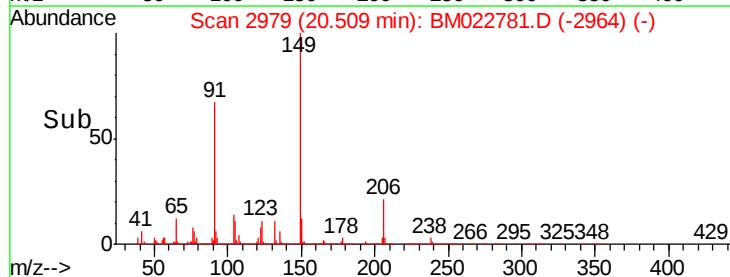
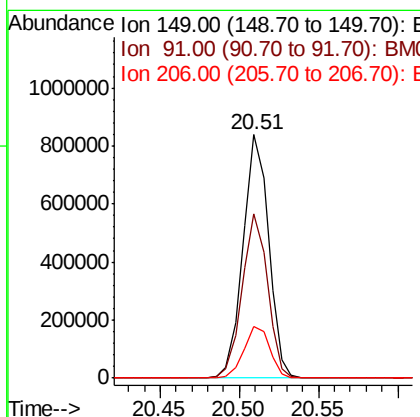
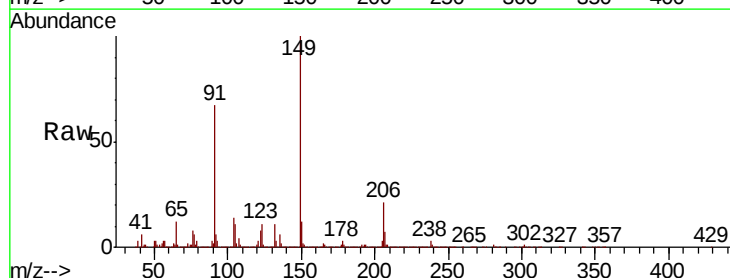
Manual Integrations
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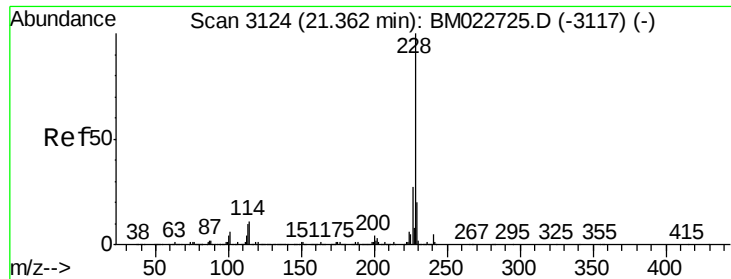
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#80
 Butylbenzylphthalate
 Concen: 40.480 ng
 RT: 20.51 min Scan# 2979
 Delta R.T. -0.01 min
 Lab File: BM022781.D
 Acq: 25 Sep 2019 20:57

Tgt Ion:149 Resp: 934153
 Ion Ratio Lower Upper
 149 100
 91 67.4 53.0 79.4
 206 21.4 16.9 25.3





#81

Benzo(a)anthracene

Concen: 41.835 ng

RT: 21.36 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Instrument :

BNA_M

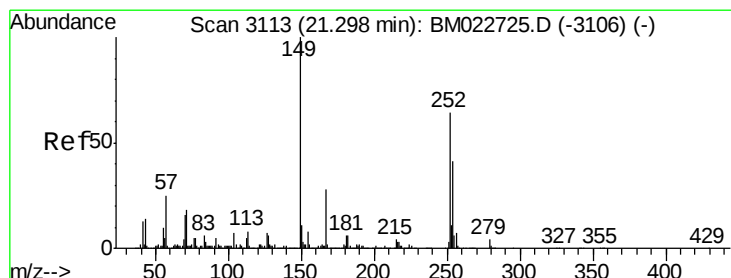
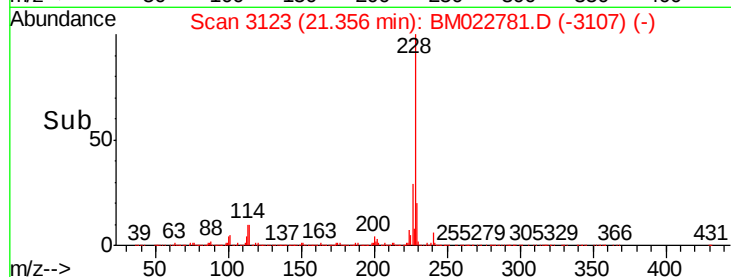
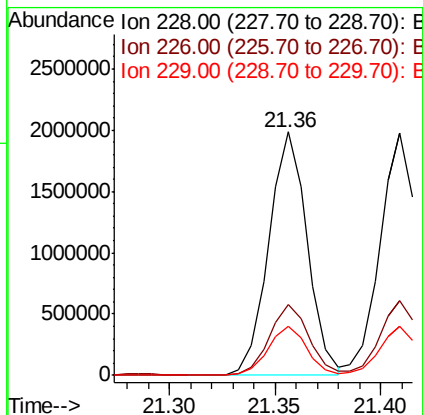
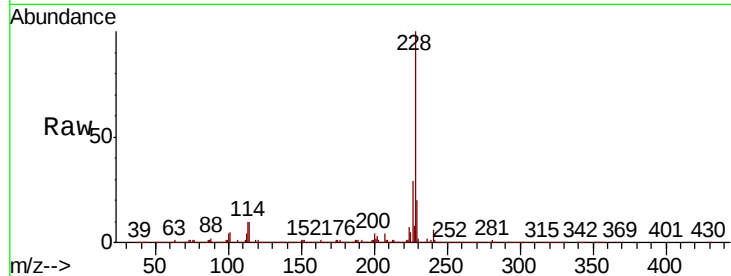
ClientSampleId :

SAND-STOCKPILE-1MSD

Tot Ion:	228	Resp:	2512184
Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.0	33.0
229	20.0	15.9	23.9

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#82

3,3'-Dichlorobenzidine

Concen: 38.712 ng

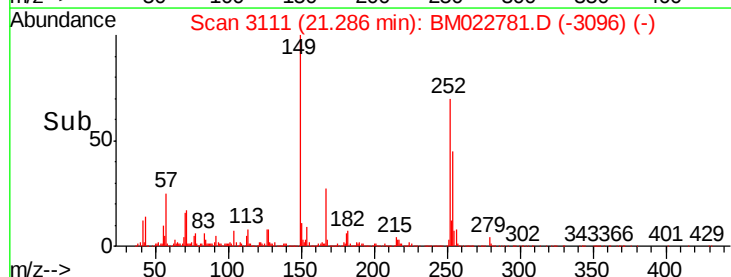
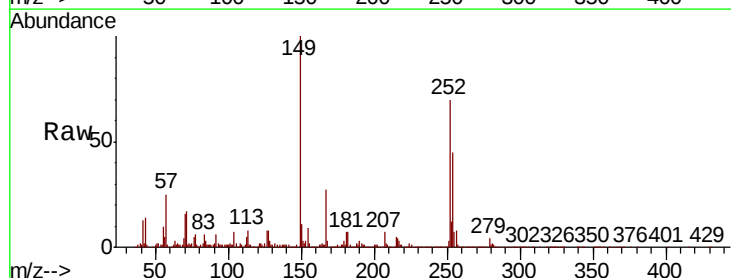
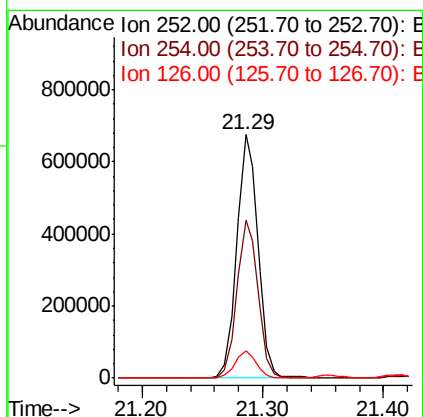
RT: 21.29 min Scan# 3111

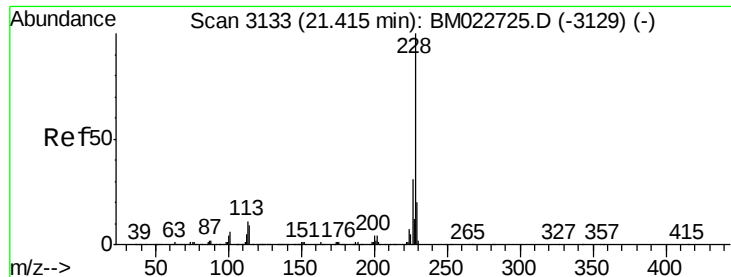
Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Tgt Ion:	252	Resp:	824394
Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.7	77.5
126	11.3	8.3	12.5





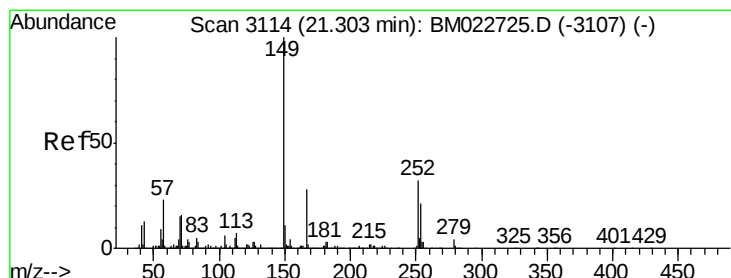
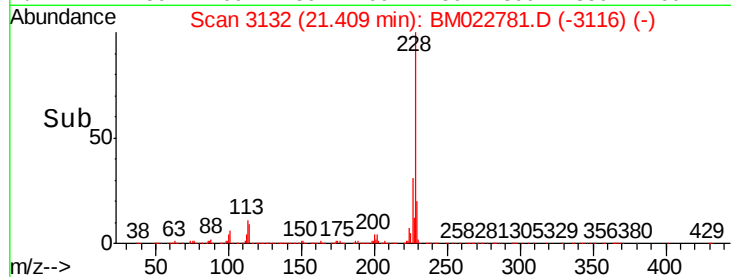
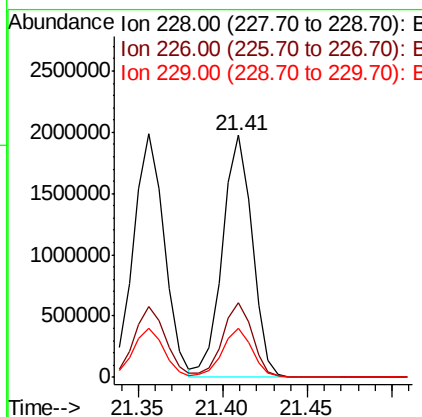
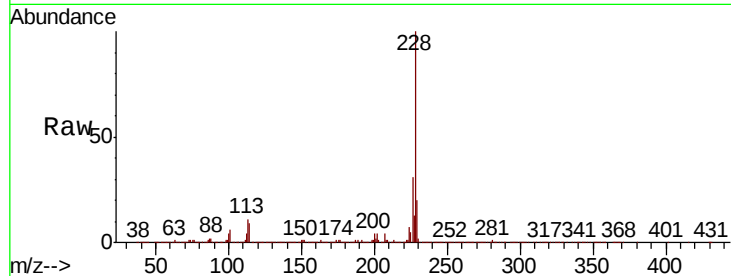
#83
Chrysene
Concen: 41.471 ng
RT: 21.41 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion:228 Resp: 2414324
Ion Ratio Lower Upper
228 100
226 30.8 24.5 36.7
229 20.1 15.9 23.9

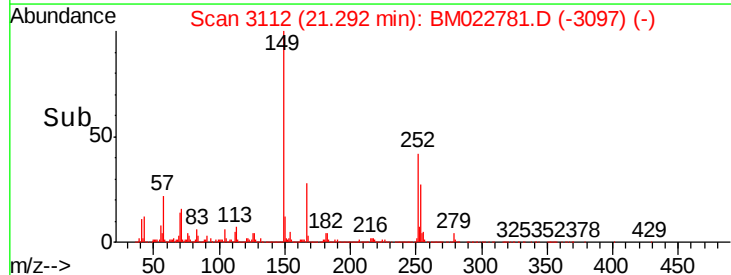
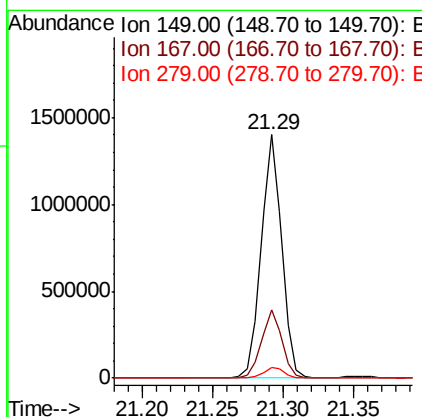
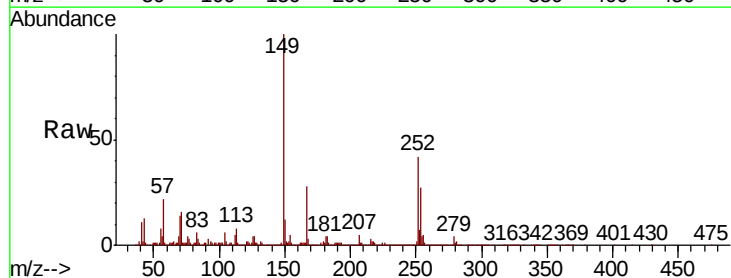
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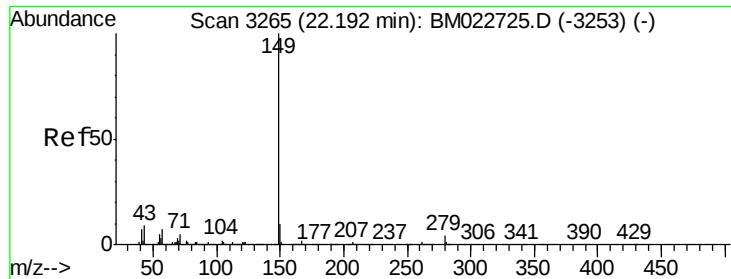
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.067 ng
RT: 21.29 min Scan# 3112
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Tgt Ion:149 Resp: 1438363
Ion Ratio Lower Upper
149 100
167 27.9 22.1 33.1
279 4.3 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 45.415 ng

RT: 22.18 min Scan# 3263

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Instrument :

BNA_M

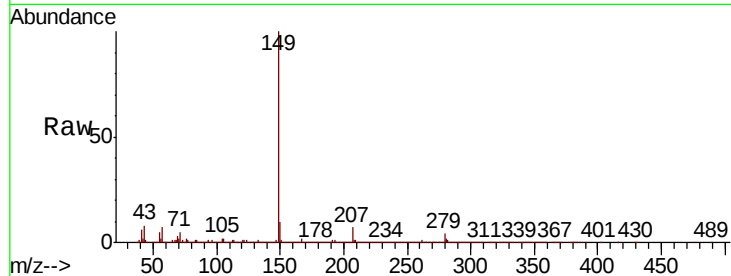
ClientSampleId :

SAND-STOCKPILE-1MSD

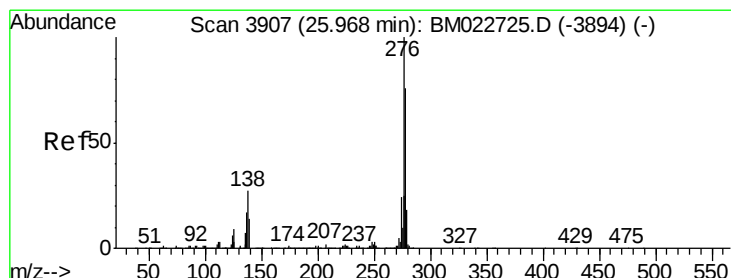
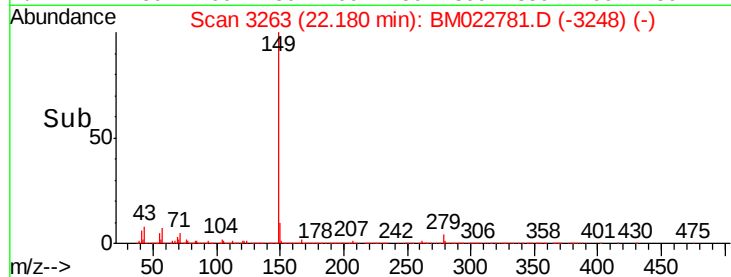
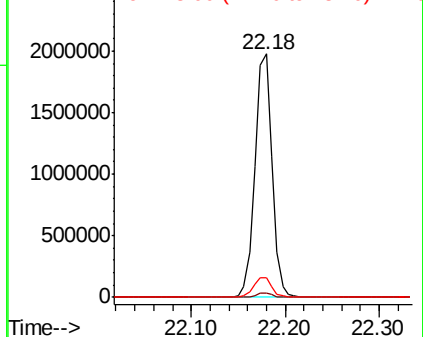
Tot Ion:	149	Resp:	2474917
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	8.2	7.4	11.0

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BMO



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.361 ng

RT: 25.96 min Scan# 3906

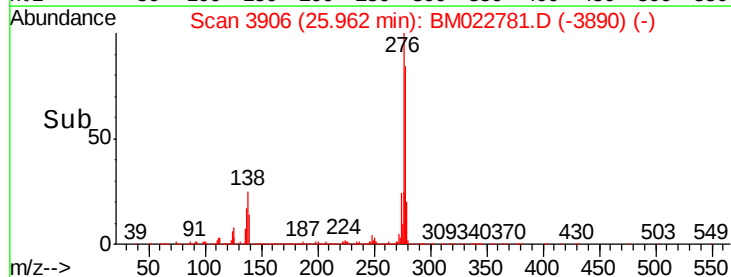
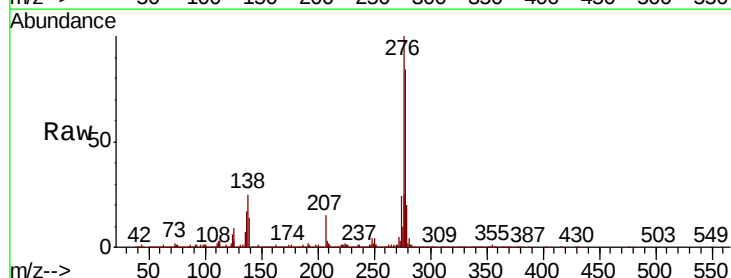
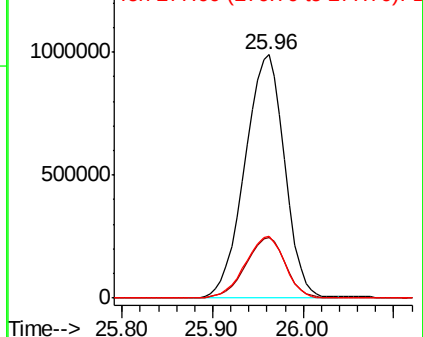
Delta R.T. -0.01 min

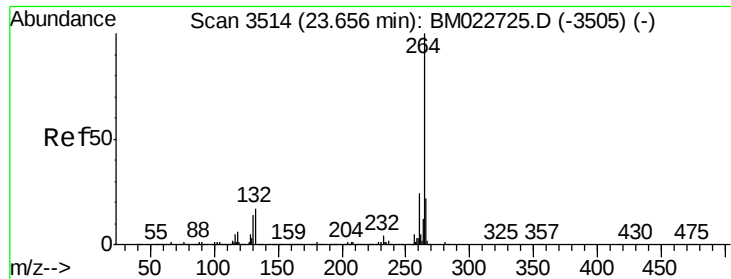
Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Tgt Ion:	276	Resp:	3012967
Ion Ratio	Lower	Upper	
276	100		
138	24.6	0.0	0.0#
277	24.9	0.0	0.0#

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.64 min Scan# 3512

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Instrument :

BNA_M

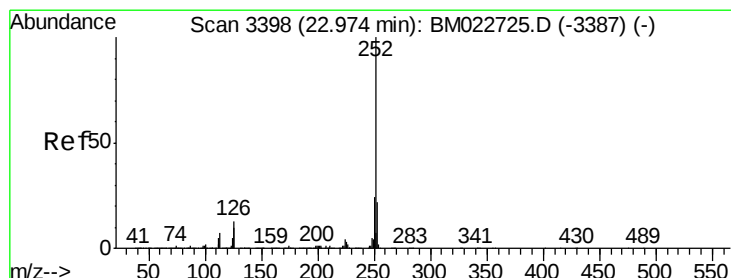
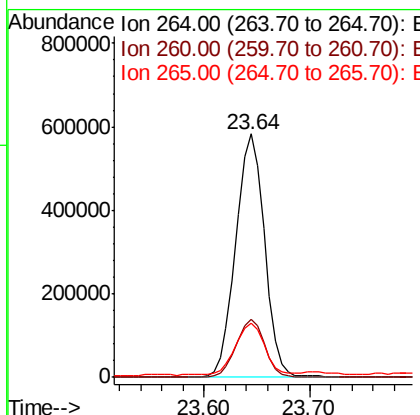
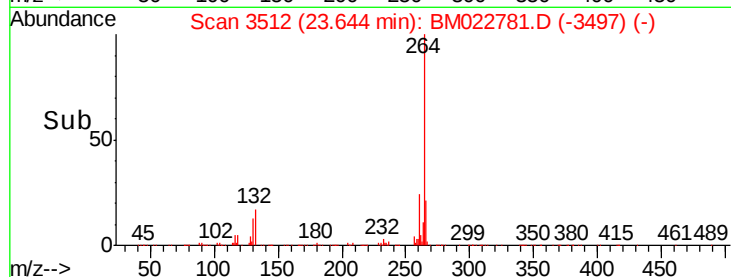
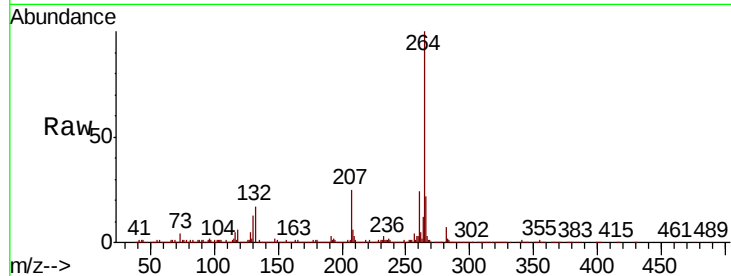
ClientSampleId :

SAND-STOCKPILE-1MSD

Tot Ion:	264	Resp:	1099903
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.1	28.7
265	22.4	17.9	26.9

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#88

Benzo(b)fluoranthene

Concen: 40.639 ng

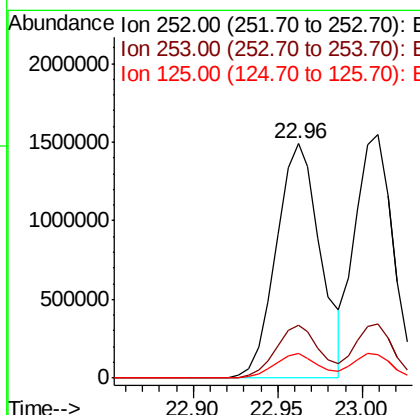
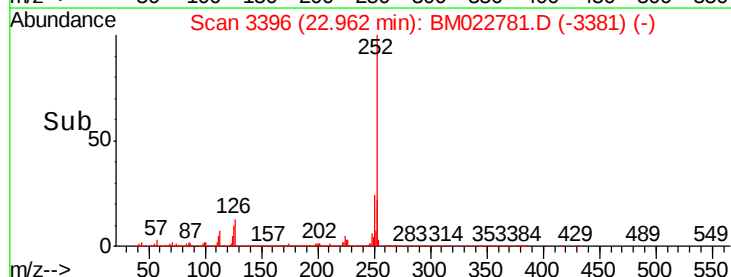
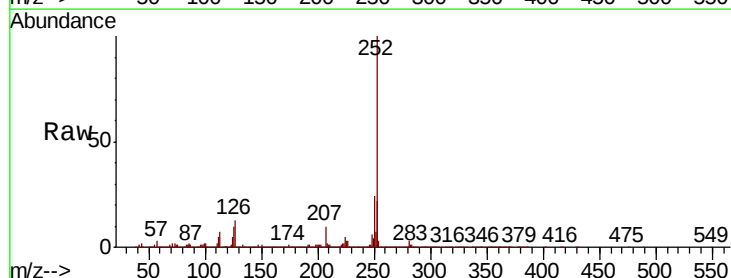
RT: 22.96 min Scan# 3396

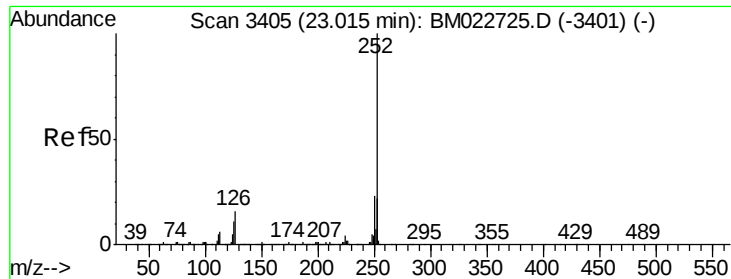
Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Tgt Ion:	252	Resp:	2706398
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.7	26.5
125	10.3	8.2	12.4





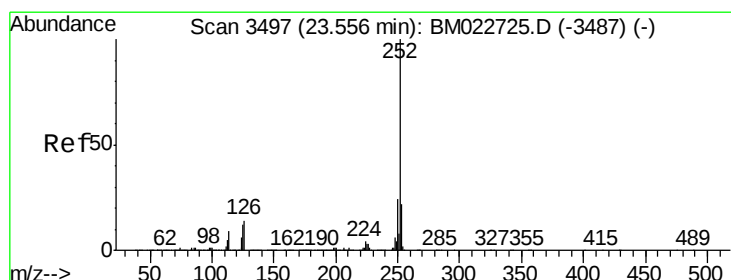
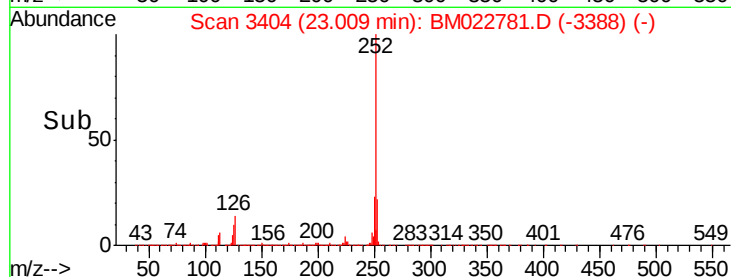
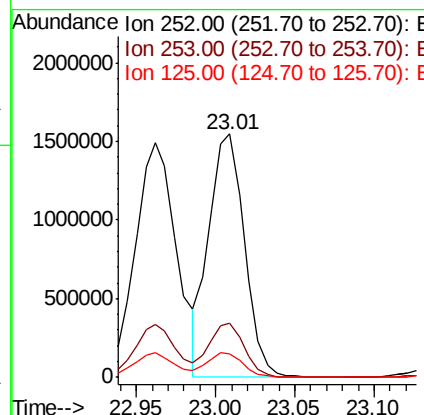
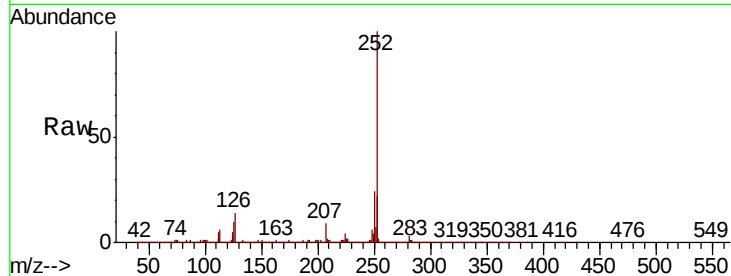
#89
Benzo(k)fluoranthene
Concen: 36.471 ng
RT: 23.01 min Scan# 3404
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion:252 Resp: 2409949
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 9.7 8.5 12.7

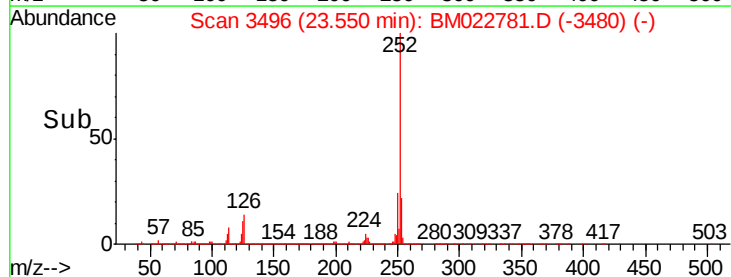
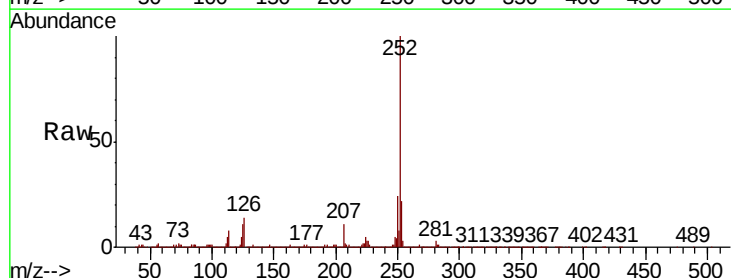
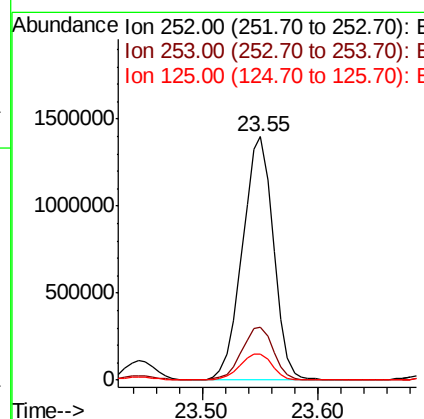
Manual Integrations
APPROVED

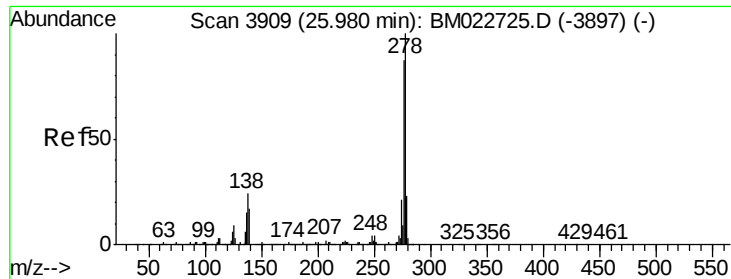
mohammad
9/26/2019 3:55:10 PM



#90
Benzo(a)pyrene
Concen: 42.308 ng
RT: 23.55 min Scan# 3496
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Tgt Ion:252 Resp: 2596267
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 10.9 9.3 13.9





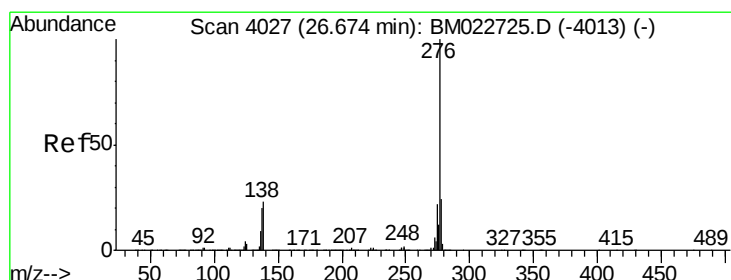
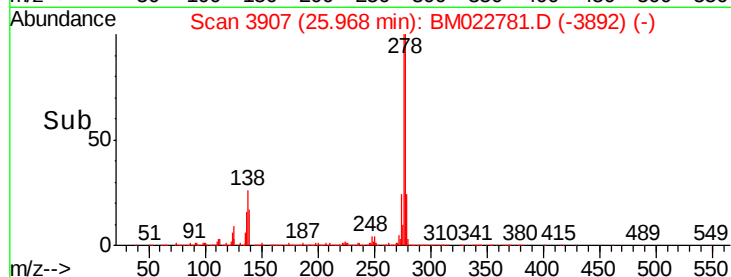
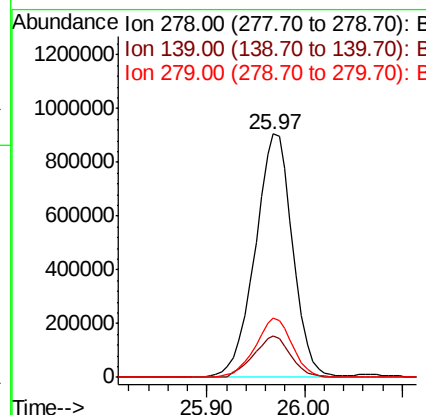
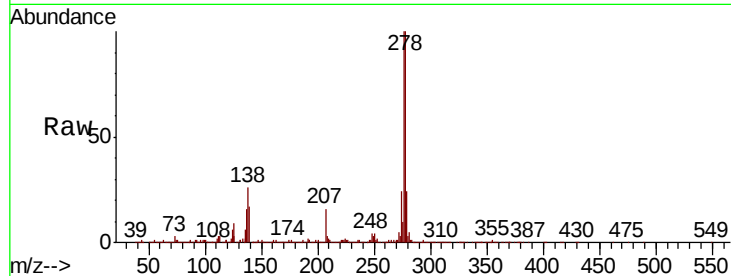
#91
Dibenzo(a,h)anthracene
Concen: 37.591 ng
RT: 25.97 min Scan# 3907
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion:278 Resp: 2412892
Ion Ratio Lower Upper
278 100
139 16.8 13.7 20.5
279 24.4 18.6 28.0

Manual Integrations
APPROVED

mohammad
9/26/2019 3:55:10 PM



#92
Benzo(g,h,i)perylene
Concen: 41.485 ng
RT: 26.67 min Scan# 4026
Delta R.T. -0.01 min
Lab File: BM022781.D
Acq: 25 Sep 2019 20:57

Tgt Ion:276 Resp: 2529190
Ion Ratio Lower Upper
276 100
277 23.9 19.1 28.7
138 21.5 18.5 27.7

