

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092319\
 Data File : BP000378.D
 Acq On : 23 Sep 2019 22:18
 Operator : HP/JU
 Sample : K4980-04MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SAND-STOCKPILE-1MS

Manual Integrations
 APPROVED

mohammad
 9/24/2019 2:38:59 PM

Quant Time: Sep 24 09:09:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	267187	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	970968	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	529960	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	965241	20.00	ng	0.00
76) Chrysene-d12	14.00	240	737579	20.00	ng	0.00
87) Perylene-d12	15.47	264	880325	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1395937	90.19	ng	0.02
7) Phenol-d6	6.43	99	1820960	95.98	ng	0.01
23) Nitrobenzene-d5	7.35	82	1011569	67.22	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	516579	98.27	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2131860	72.40	ng	0.00
79) Terphenyl-d14	12.93	244	2402940	68.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	261654	37.464	ng	99
3) Pyridine	3.30	79	610156	32.452	ng	100
4) n-Nitrosodimethylamine	3.23	42	208495	39.326	ng	98
6) Aniline	6.45	93	515311	19.700	ng	# 5
8) 2-Chlorophenol	6.58	128	772592	46.357	ng	97
9) Benzaldehyde	6.34	77	502910	50.895	ng	97
10) Phenol	6.45	94	963153	44.684	ng	86
11) bis(2-Chloroethyl)ether	6.52	93	724260	43.878	ng	99
12) 1,3-Dichlorobenzene	6.73	146	855827	42.793	ng	98
13) 1,4-Dichlorobenzene	6.81	146	867296	43.586	ng	98
14) 1,2-Dichlorobenzene	6.96	146	812061	44.551	ng	99
15) Benzyl Alcohol	6.93	79	613495	44.437	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	637848	40.760	ng	96
17) 2-Methylphenol	7.05	107	637396	44.653	ng	99
18) Hexachloroethane	7.30	117	295534	40.134	ng	99
19) n-Nitroso-di-n-propylamine	7.20	70	435454	43.413	ng	99
20) 3+4-Methylphenols	7.20	107	805864	46.686	ng	# 80
22) Acetophenone	7.20	105	1062288	50.484	ng	# 98
24) Nitrobenzene	7.37	77	734370	46.981	ng	98
25) Isophorone	7.61	82	1358110	45.575	ng	99
26) 2-Nitrophenol	7.69	139	400996	48.390	ng	96
27) 2,4-Dimethylphenol	7.73	122	678605	51.410	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	906077	45.716	ng	100
29) 2,4-Dichlorophenol	7.94	162	680024	48.068	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	739148	45.583	ng	99
31) Naphthalene	8.10	128	2169470	48.244	ng	100
32) Benzoic acid	7.85	122	406508	45.611	ng	100
33) 4-Chloroaniline	8.14	127	228234	11.215	ng	100
34) Hexachlorobutadiene	8.22	225	428685	44.618	ng	98
35) Caprolactam	8.51	113	228001m	47.377	ng	
36) 4-Chloro-3-methylphenol	8.63	107	680743	47.401	ng	97
37) 2-Methylnaphthalene	8.79	142	1502826	48.887	ng	99
38) 1-Methylnaphthalene	8.89	142	1391820	48.333	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	736730	48.621	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	386606	44.432	nq	100
43) 2,4,6-Trichlorophenol	9.07	196	499608	47.651	nq	100
44) 2,4,5-Trichlorophenol	9.12	196	534328	49.769	nq	98
46) 1,1'-Biphenyl	9.25	154	1820593	49.659	nq	100
47) 2-Chloronaphthalene	9.28	162	1415898	46.040	nq	100
48) 2-Nitroaniline	9.37	65	353681	45.286	nq	94
49) Acenaphthylene	9.70	152	2351787	50.873	nq	99
50) Dimethylphthalate	9.56	163	1901870	52.673	nq	99
51) 2,6-Dinitrotoluene	9.62	165	382542	48.185	nq	90
52) Acenaphthene	9.87	154	1304350	44.711	nq	100
53) 3-Nitroaniline	9.78	138	195741	21.241	nq	97
54) 2,4-Dinitrophenol	9.89	184	147593	42.080	nq	98
55) Dibenzofuran	10.04	168	2010642	48.754	nq	100
56) 4-Nitrophenol	9.96	139	639836	93.352	nq	92
57) 2,4-Dinitrotoluene	10.02	165	500248	48.199	nq	90
58) Fluorene	10.39	166	1549281	48.638	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	437296	49.500	nq	98
60) Diethylphthalate	10.26	149	1646914	47.416	nq	99
61) 4-Chlorophenyl-phenylether	10.37	204	789505	48.285	nq	100
62) 4-Nitroaniline	10.40	138	330540	36.467	nq	98
63) Azobenzene	10.54	77	1400825	47.604	nq	99
65) 4,6-Dinitro-2-methylphenol	10.43	198	121743	26.824	nq	93
66) n-Nitrosodiphenylamine	10.50	169	1397924	48.109	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	498843	45.702	nq	98
68) Hexachlorobenzene	10.95	284	534520	44.794	nq	98
69) Atrazine	11.03	200	437877	Below Cal		99
70) Pentachlorophenol	11.14	266	582417	89.616	nq	99
71) Phenanthrene	11.36	178	2449696	50.644	nq	100
72) Anthracene	11.40	178	2440912	49.025	nq	99
73) Carbazole	11.56	167	2179433	48.606	nq	99
74) Di-n-butylphthalate	11.90	149	2623434	46.224	nq	99
75) Fluoranthene	12.56	202	2784535	53.611	nq	97
77) Benzidine	12.67	184	1753918	66.582	nq	98
78) Pyrene	12.79	202	2933700	53.163	nq	99
80) Butylbenzylphthalate	13.41	149	1158746	45.698	nq	97
81) Benzo(a)anthracene	13.99	228	2396384	51.434	nq	97
82) 3,3'-Dichlorobenzidine	13.95	252	858896	45.870	nq	99
83) Chrysene	14.02	228	2307504	50.442	nq	99
84) Bis(2-ethylhexyl)phthalate	13.98	149	1499842	49.275	nq	100
85) Di-n-octyl phthalate	14.60	149	2711236	48.059	nq	99
86) Indeno(1,2,3-cd)pyrene	16.97	276	2784194	49.931	nq	99
88) Benzo(b)fluoranthene	15.05	252	2672493	50.888	nq	98
89) Benzo(k)fluoranthene	15.08	252	2232112	48.725	nq	98
90) Benzo(a)pyrene	15.42	252	2475779	51.810	nq	99
91) Dibenzo(a,h)anthracene	16.99	278	2203614	49.461	nq	99
92) Benzo(g,h,i)perylene	17.43	276	2339728	51.091	nq	99

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

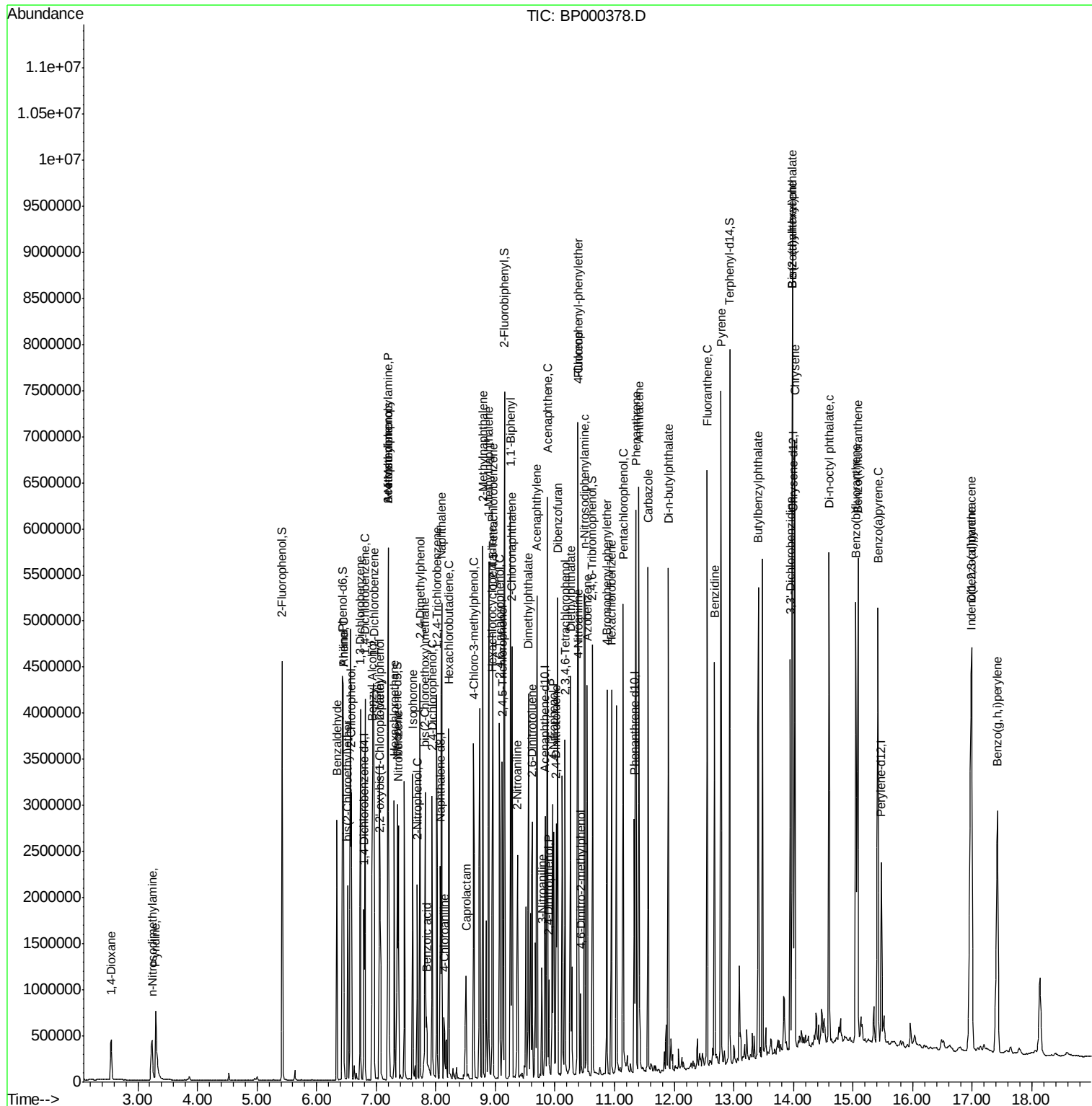
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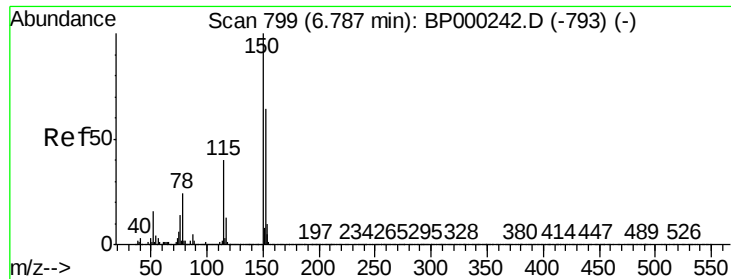
Instrument :
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#1

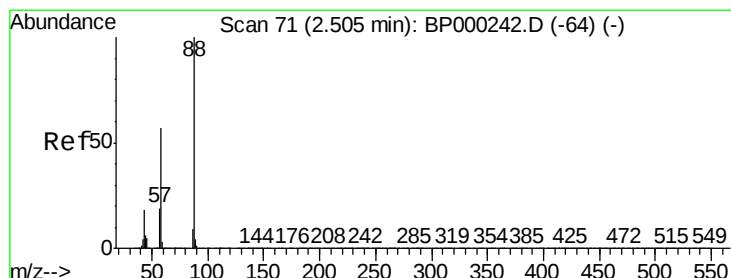
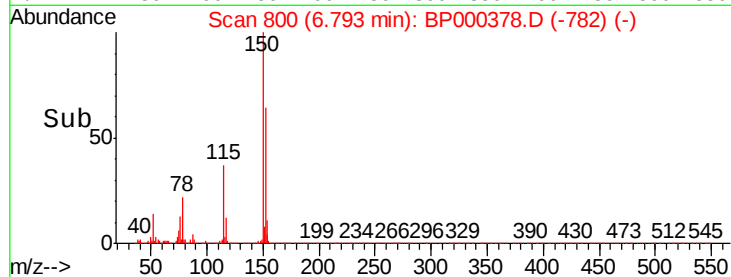
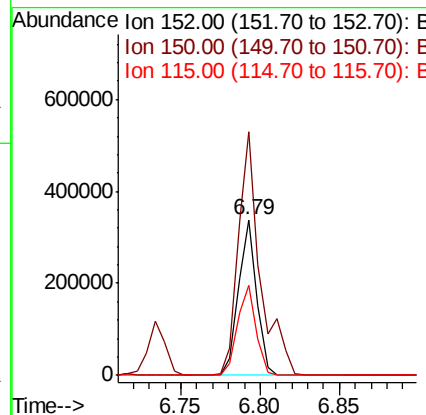
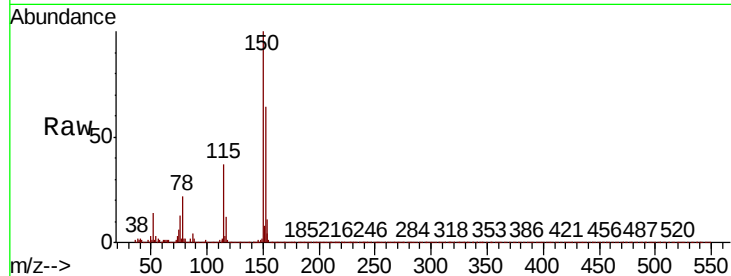
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	125.2	187.8
115	58.1	49.7	74.5

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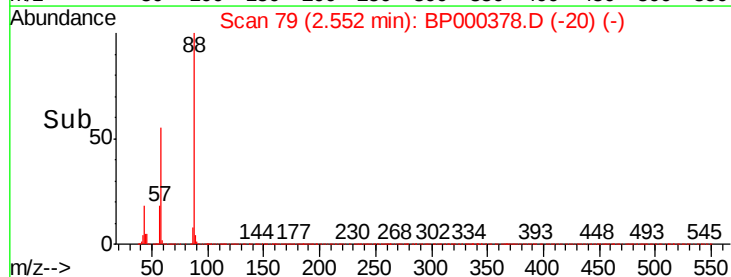
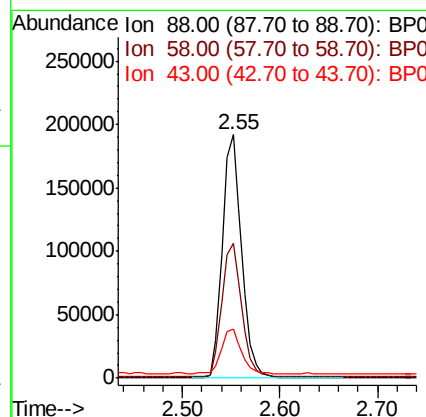
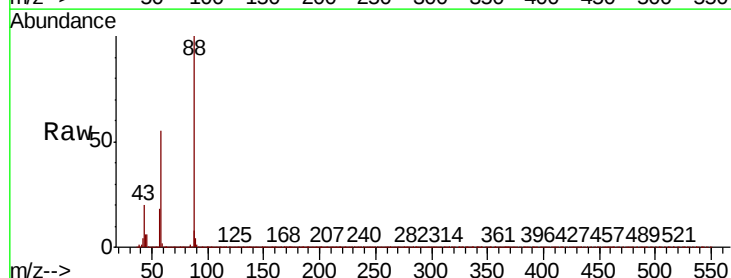
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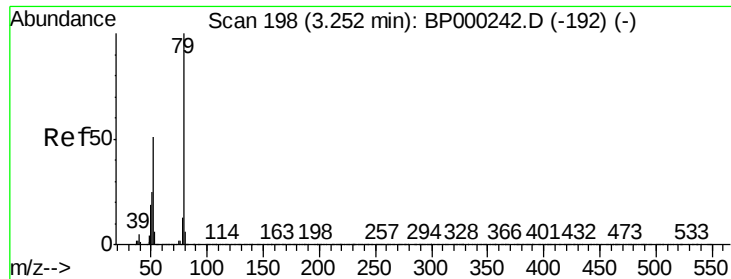


#2

1,4-Dioxane
Concen: 37.464 ng
RT: 2.55 min Scan# 79
Delta R.T. 0.05 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.1	45.4	68.2
43	19.4	15.0	22.6





#3

Pvridine

Concen: 32.452 ng

RT: 3.30 min Scan# 206

Delta R.T. 0.05 min

Lab File: BP000378.D

Acq: 23 Sep 2019 22:18

Instrument :

BNA_P

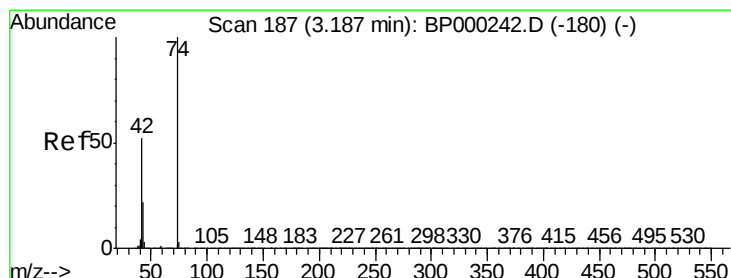
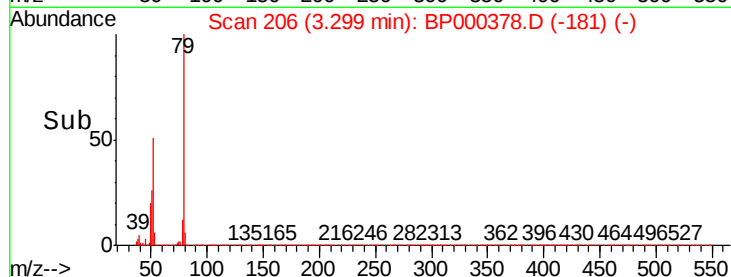
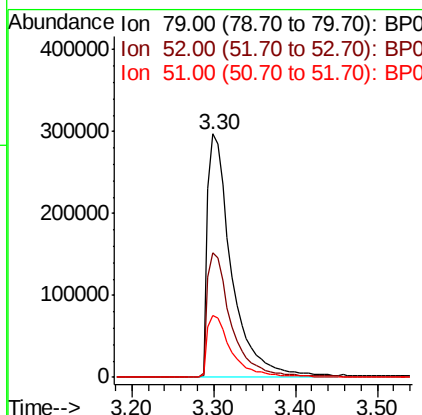
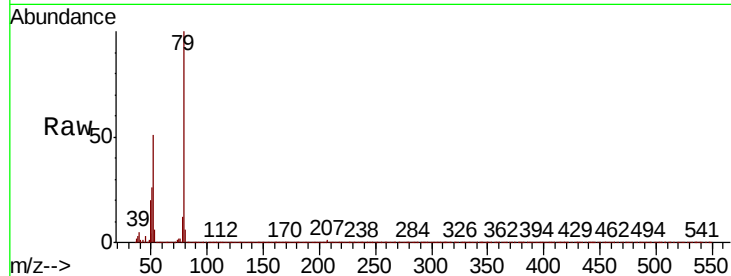
ClientSampleId :

SAND-STOCKPILE-1MS

Tot Ion:	79	Resp:	610156
Ion Ratio	Lower	Upper	
79	100		
52	51.0	40.9	61.3
51	25.6	20.2	30.2

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#4

n-Nitrosodimethylamine

Concen: 39.326 ng

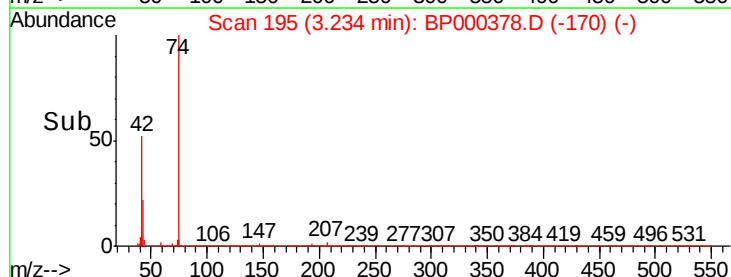
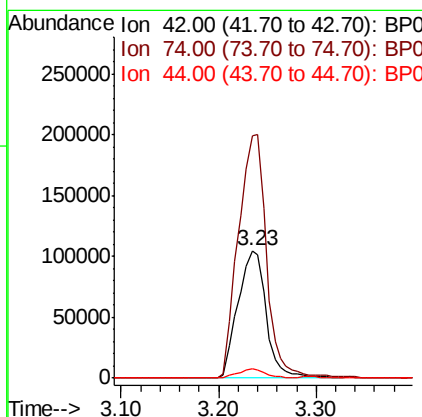
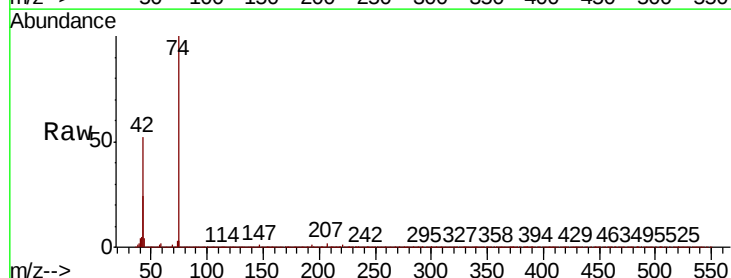
RT: 3.23 min Scan# 195

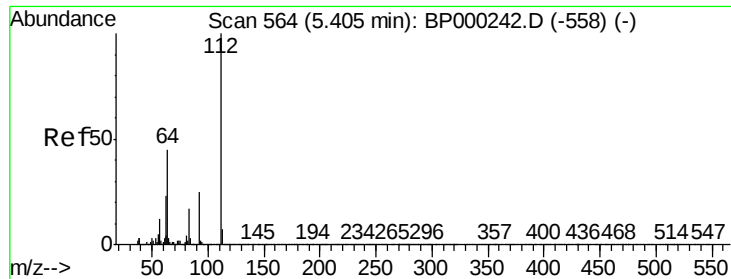
Delta R.T. 0.05 min

Lab File: BP000378.D

Acq: 23 Sep 2019 22:18

Tgt Ion:	42	Resp:	208495
Ion Ratio	Lower	Upper	
42	100		
74	190.7	154.5	231.7
44	6.9	5.9	8.9





#5

2-Fluorophenol

Concen: 90.194 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.02 min

Lab File: BP000378.D

Acq: 23 Sep 2019 22:18

Instrument :

BNA_P

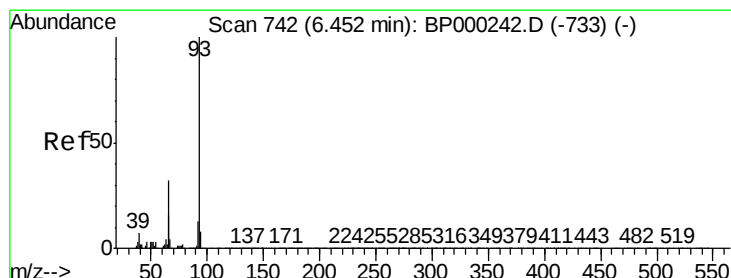
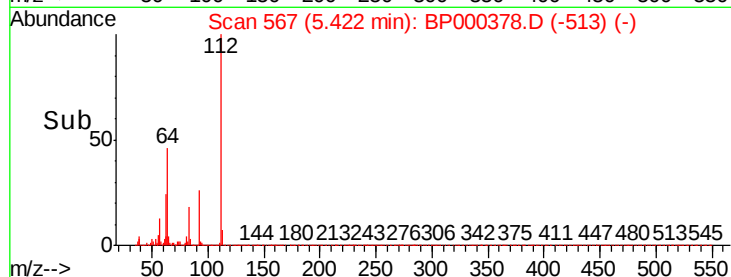
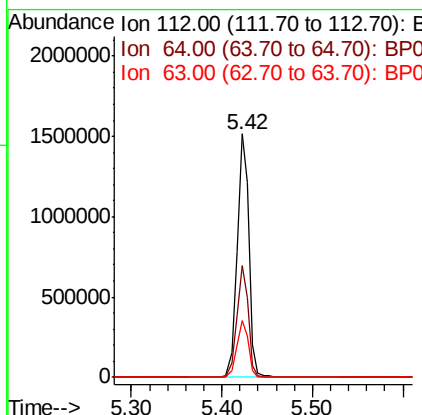
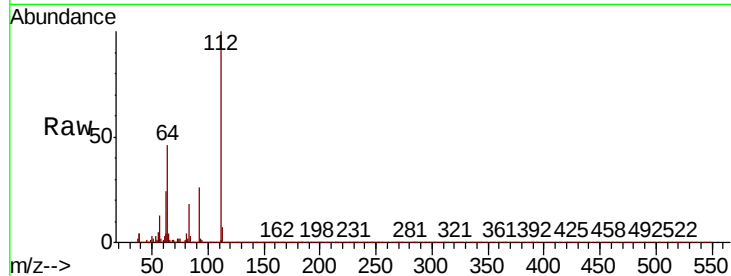
ClientSampleId :

SAND-STOCKPILE-1MS

Tot Ion:	112	Resp:	1395937
Ion Ratio	Lower	Upper	
112	100		
64	45.9	36.2	54.4
63	23.6	18.3	27.5

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#6

Aniline

Concen: 19.700 ng

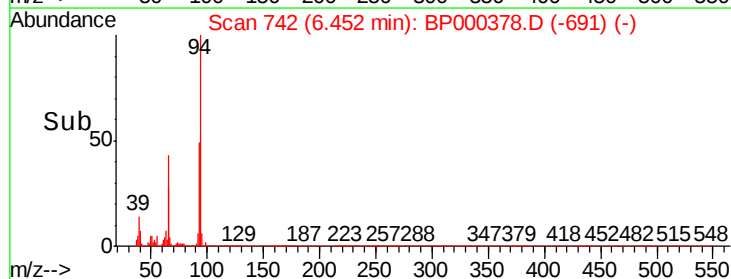
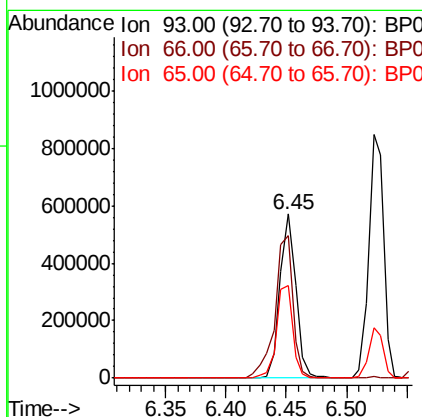
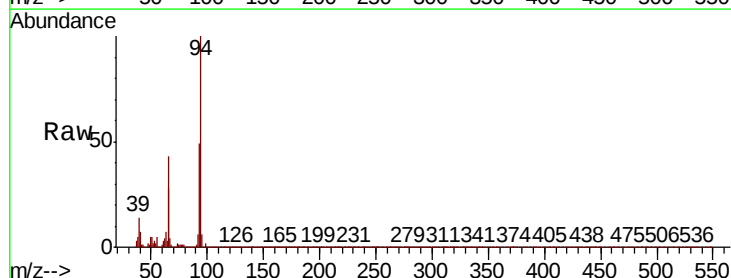
RT: 6.45 min Scan# 742

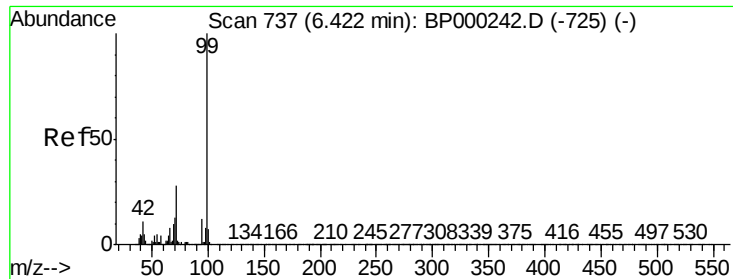
Delta R.T. -0.00 min

Lab File: BP000378.D

Acq: 23 Sep 2019 22:18

Tgt Ion:	93	Resp:	515311
Ion Ratio	Lower	Upper	
93	100		
66	86.5	26.2	39.2#
65	56.1	12.7	19.1#





#7

Phenol-d6

Concen: 95.984 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BP000378.D

Acq: 23 Sep 2019 22:18

Instrument :

BNA_P

ClientSampleId :

SAND-STOCKPILE-1MS

Tot Ion: 99 Resp: 1820960

Ion Ratio Lower Upper

99 100

42 11.3 8.5 12.7

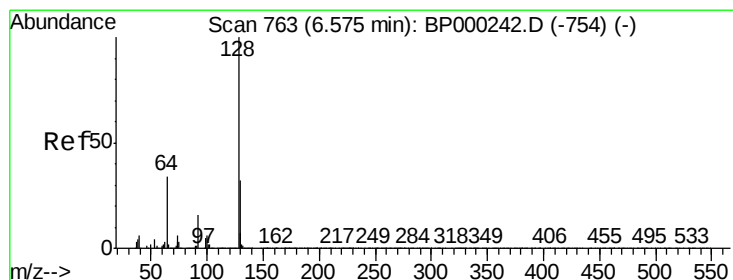
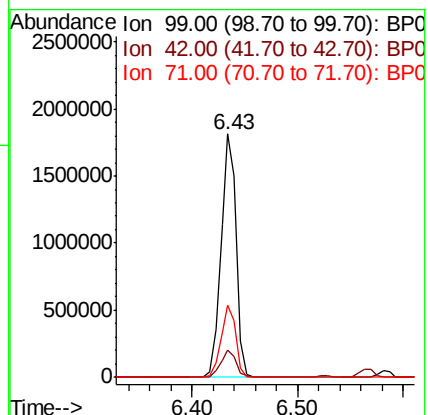
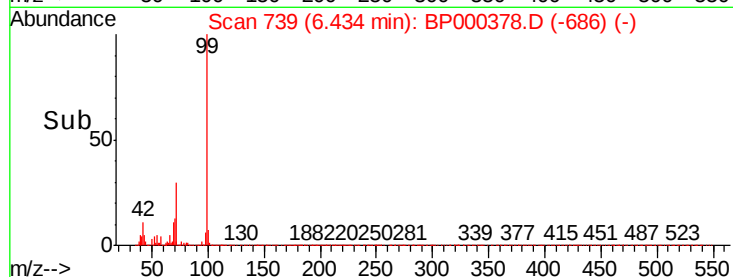
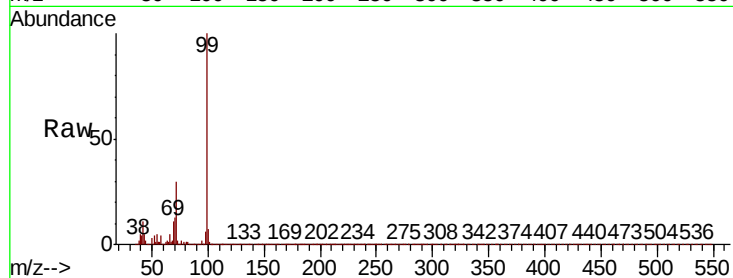
71 29.8 22.6 34.0

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#8

2-Chlorophenol

Concen: 46.357 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.01 min

Lab File: BP000378.D

Acq: 23 Sep 2019 22:18

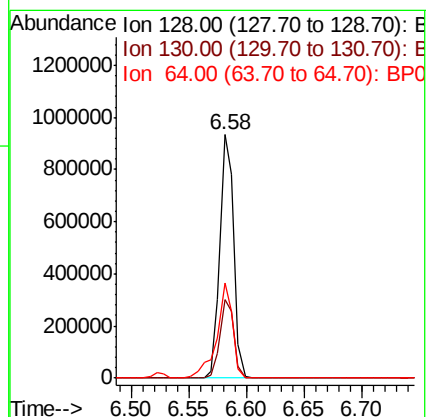
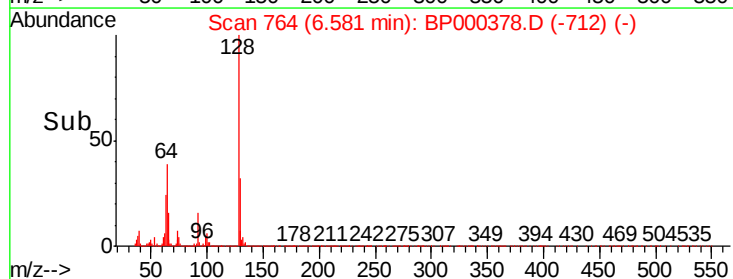
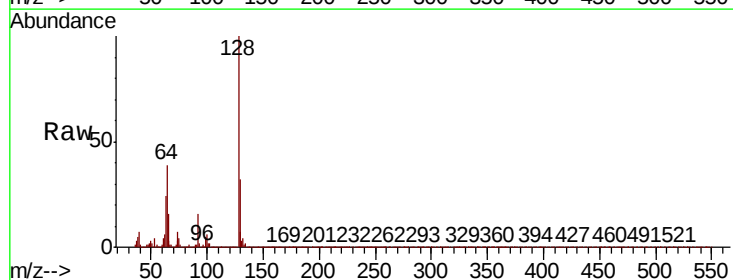
Tgt Ion: 128 Resp: 772592

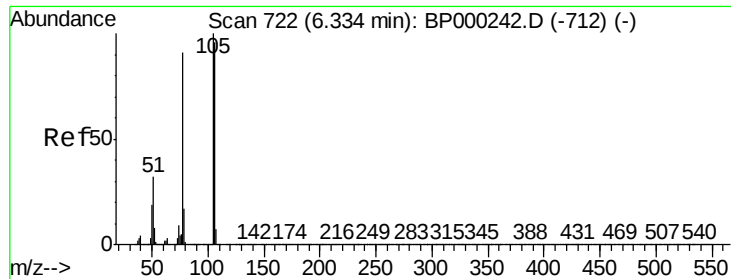
Ion Ratio Lower Upper

128 100

130 32.4 12.5 52.5

64 38.8 16.0 56.0





#9

Benzaldehyde

Concen: 50.895 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BP000378.D

Acq: 23 Sep 2019 22:18

Instrument :

BNA_P

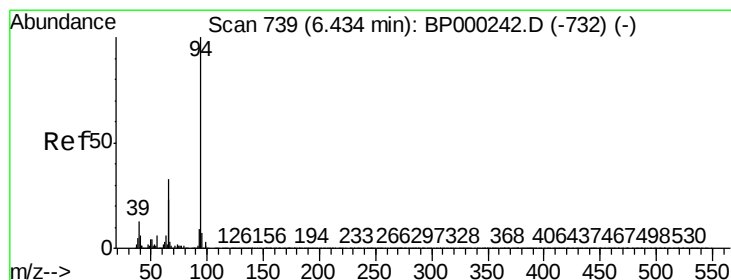
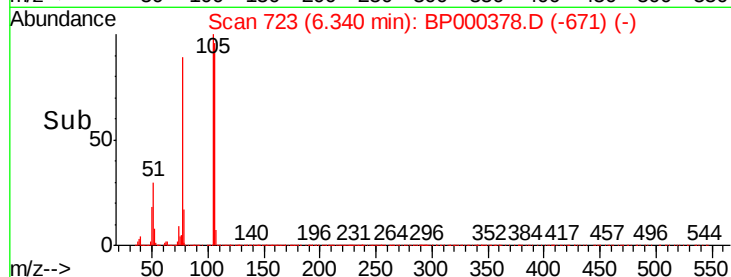
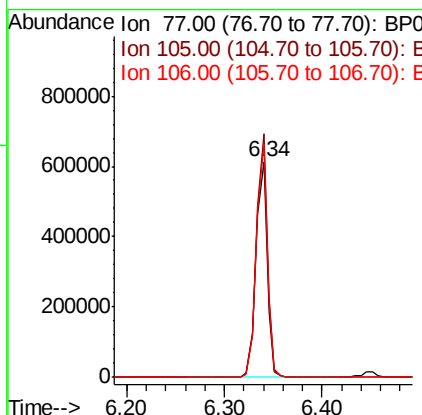
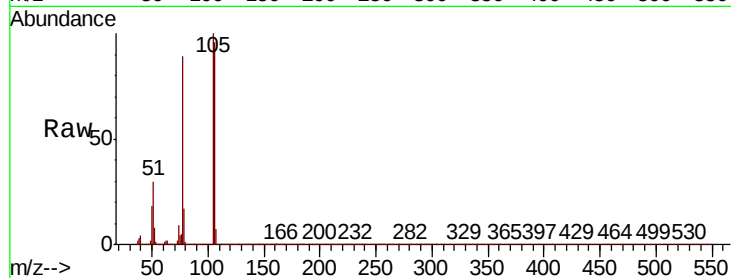
ClientSampleId :

SAND-STOCKPILE-1MS

Tot Ion:	77	Resp:	502910
Ion Ratio	Lower	Upper	
77	100		
105	112.8	89.6	129.6
106	108.1	84.6	124.6

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#10

Phenol

Concen: 44.684 ng

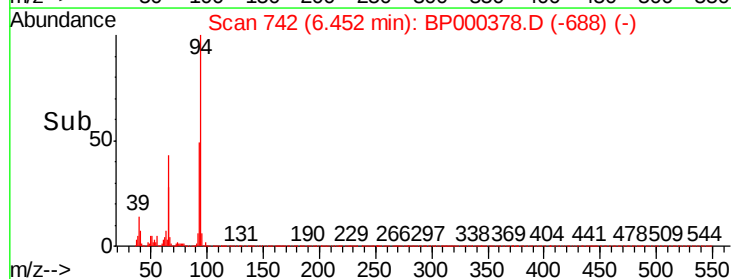
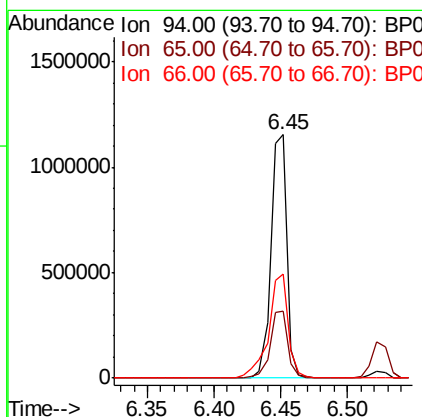
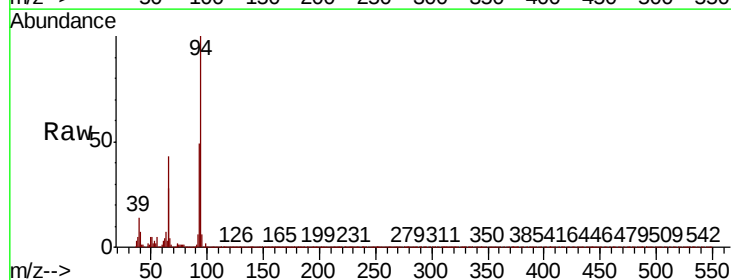
RT: 6.45 min Scan# 742

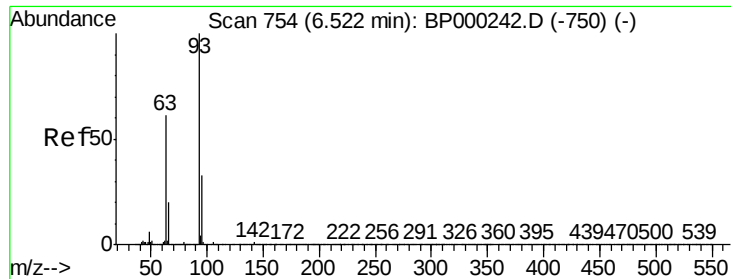
Delta R.T. 0.02 min

Lab File: BP000378.D

Acq: 23 Sep 2019 22:18

Tgt Ion:	94	Resp:	963153
Ion Ratio	Lower	Upper	
94	100		
65	27.8	3.3	43.3
66	42.8	12.7	52.7





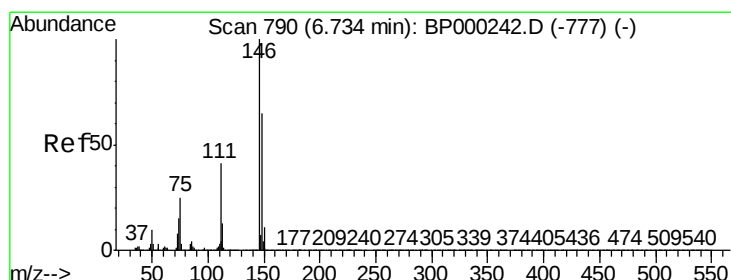
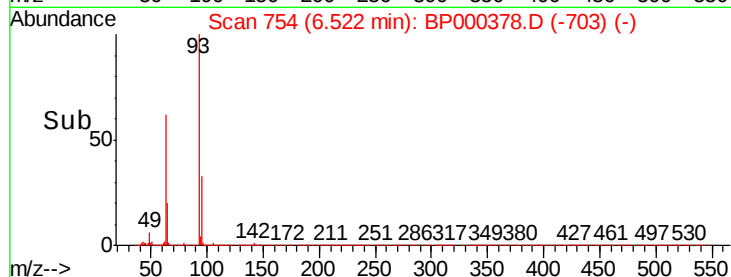
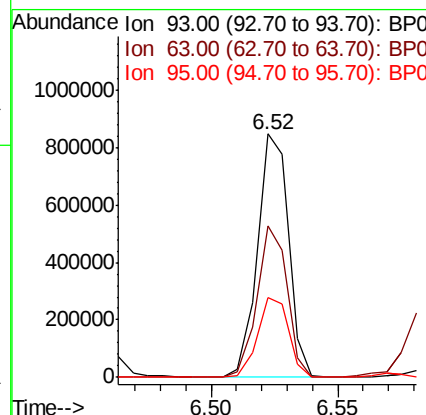
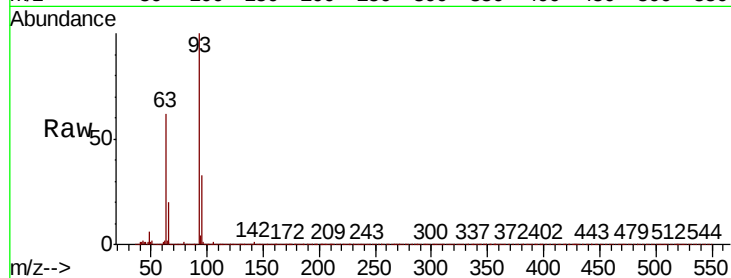
#11
bis(2-Chloroethyl)ether
Concen: 43.878 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	62.1	41.0	81.0
95	32.7	12.7	52.7

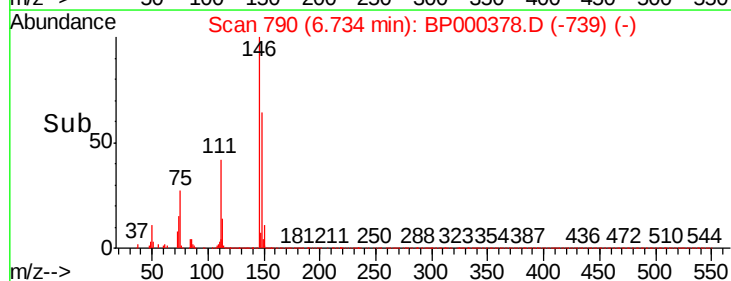
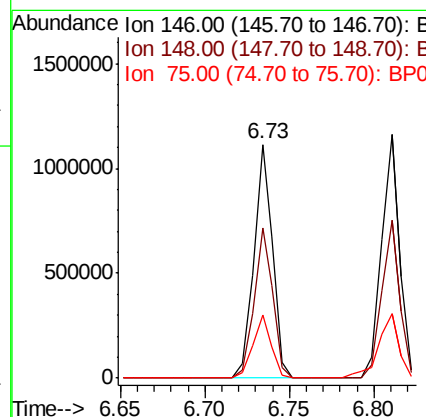
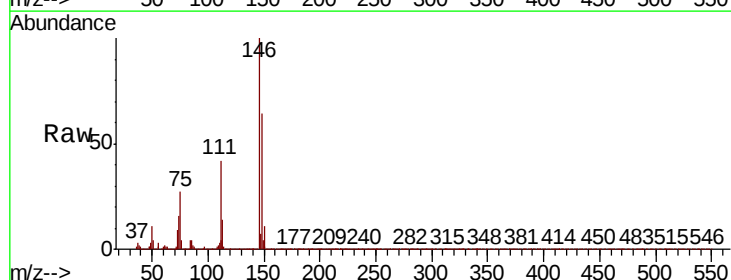
Manual Integrations
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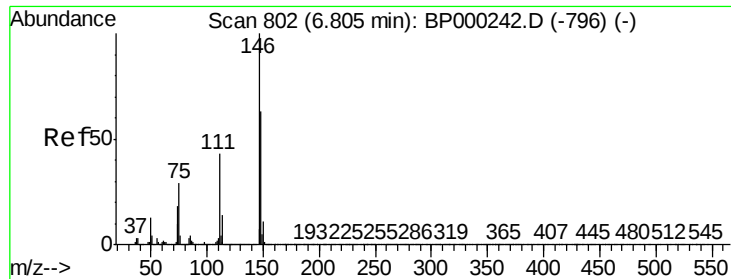
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.793 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.1	78.1
75	26.9	20.2	30.4





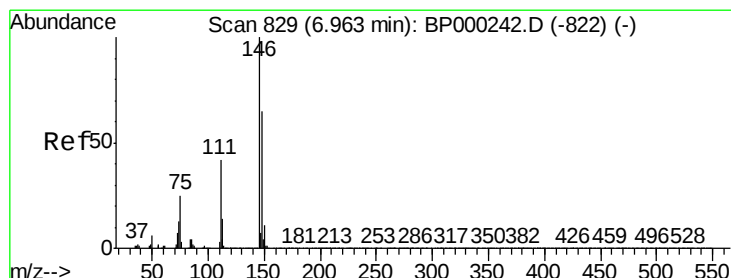
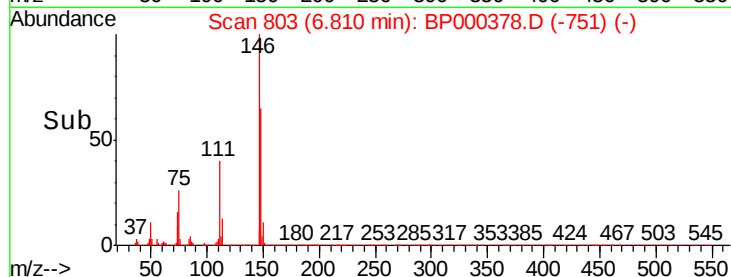
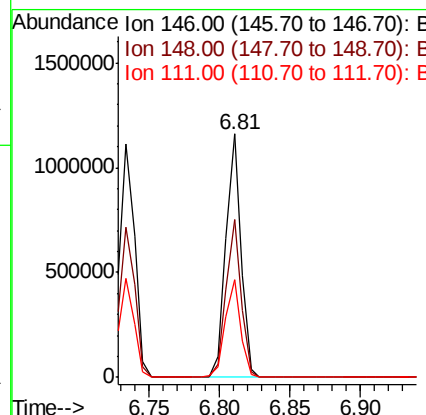
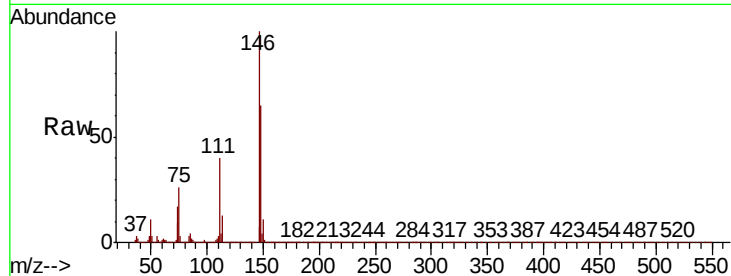
#13
1,4-Dichlorobenzene
Concen: 43.586 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.7	76.1
111	40.2	34.1	51.1

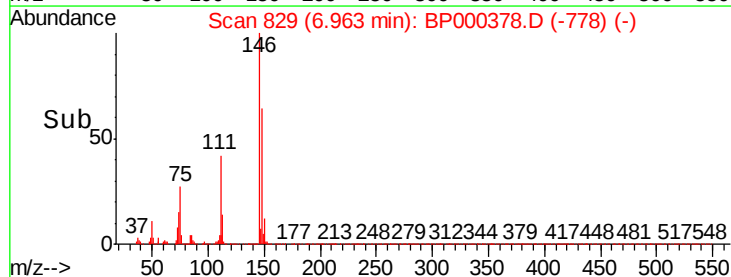
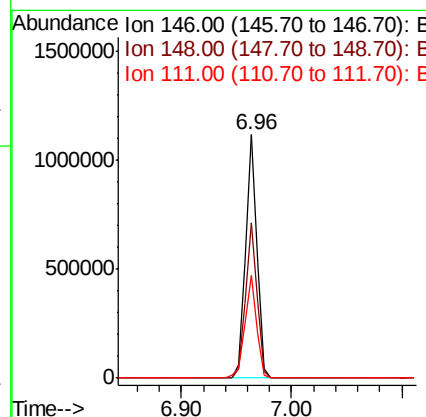
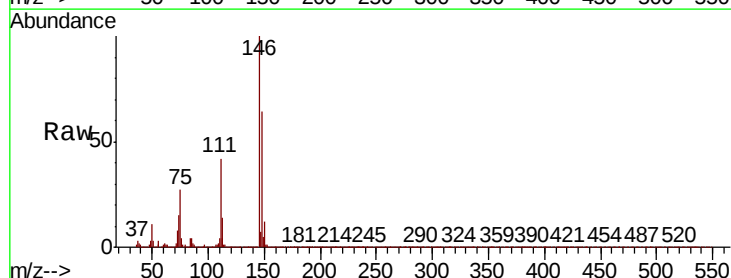
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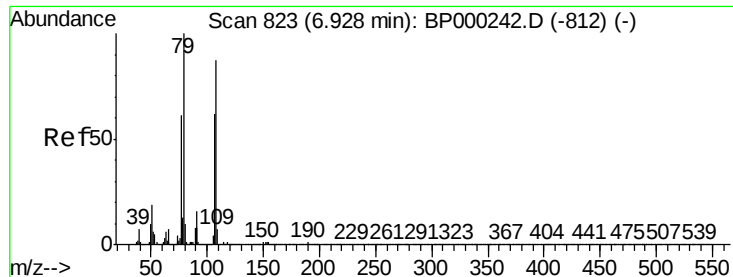
mohammad
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#14
1,2-Dichlorobenzene
Concen: 44.551 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.7	77.5
111	42.0	33.4	50.2





#15

Benzyl Alcohol

Concen: 44.437 ng

RT: 6.93 min Scan# 824

Delta R.T. 0.01 min

Lab File: BP000378.D

Acq: 23 Sep 2019 22:18

Instrument :

BNA_P

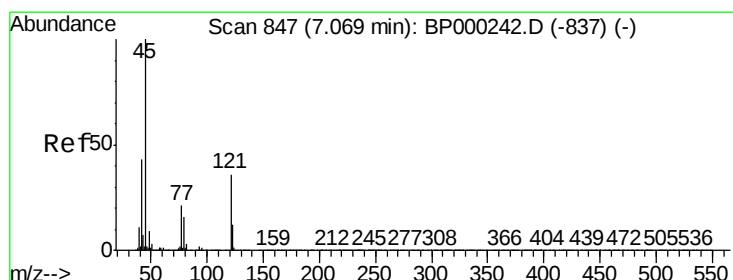
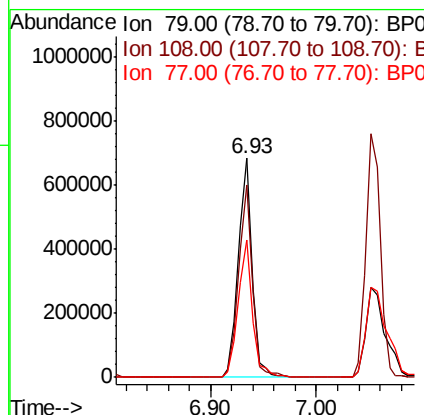
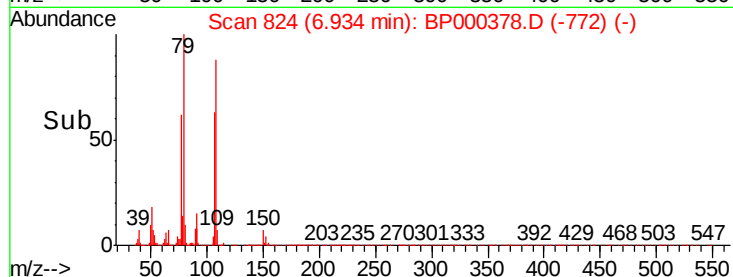
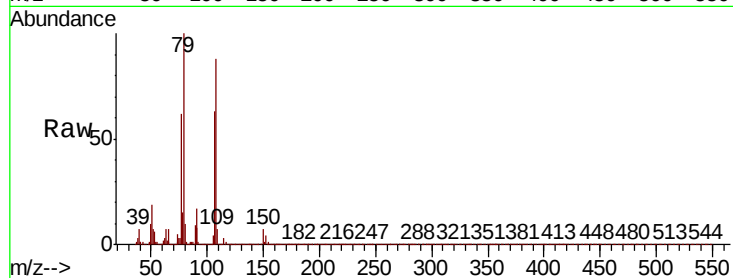
ClientSampleId :

SAND-STOCKPILE-1MS

Tot Ion:	79	Resp:	613495
Ion Ratio	Lower	Upper	
79	100		
108	88.0	69.2	103.8
77	62.4	48.7	73.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.760 ng

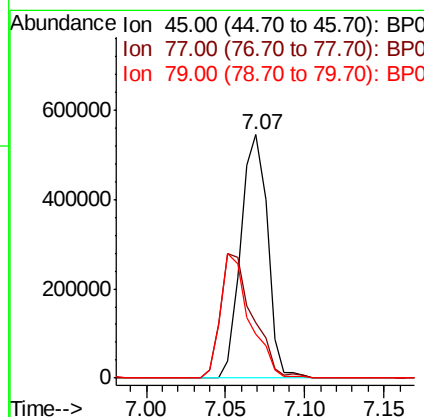
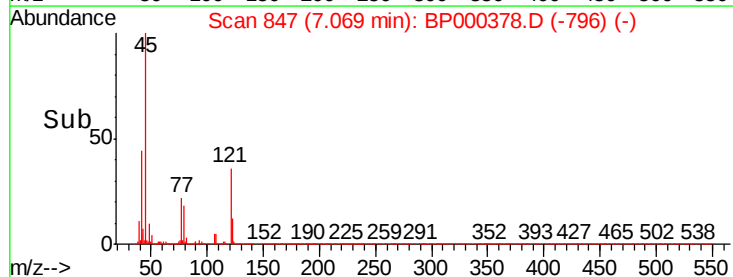
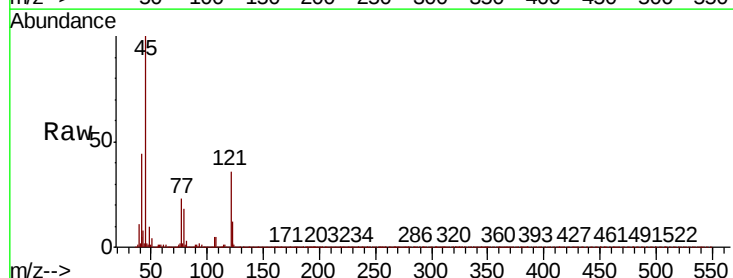
RT: 7.07 min Scan# 847

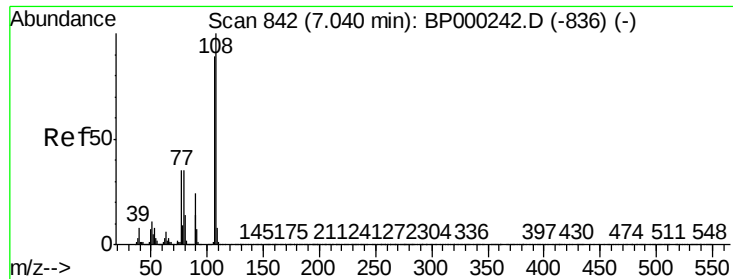
Delta R.T. -0.00 min

Lab File: BP000378.D

Acq: 23 Sep 2019 22:18

Tgt Ion:	45	Resp:	637848
Ion Ratio	Lower	Upper	
45	100		
77	22.5	0.7	40.7
79	17.8	0.0	36.4





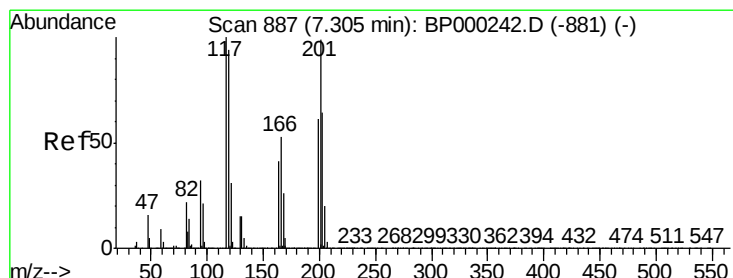
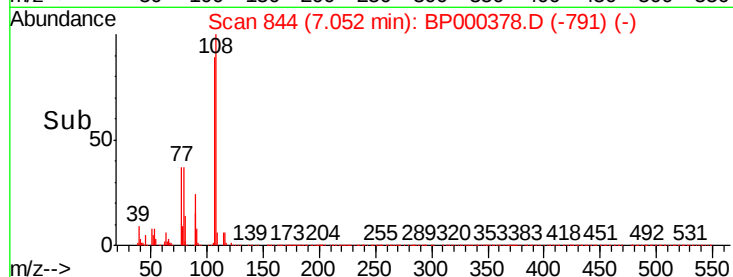
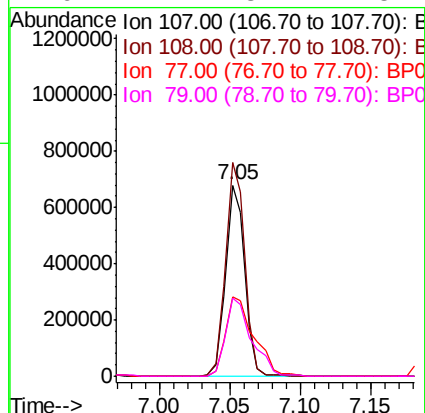
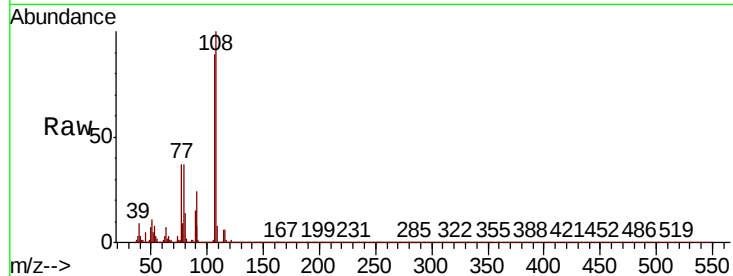
#17
2-Methylphenol
Concen: 44.653 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.01 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	637396		
108	111.9	90.1	135.1	
77	41.3	31.5	47.3	
79	41.2	32.2	48.2	

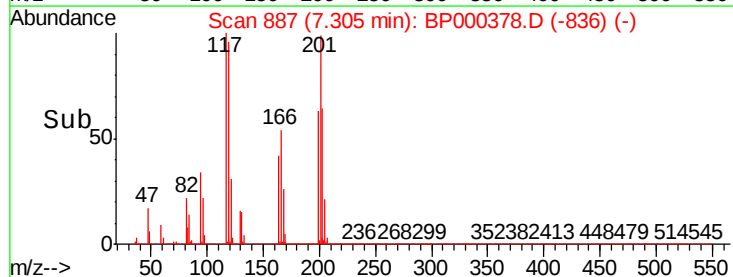
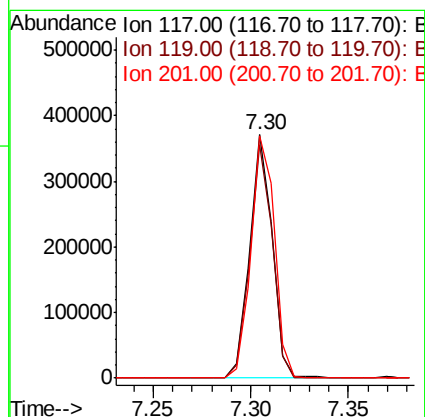
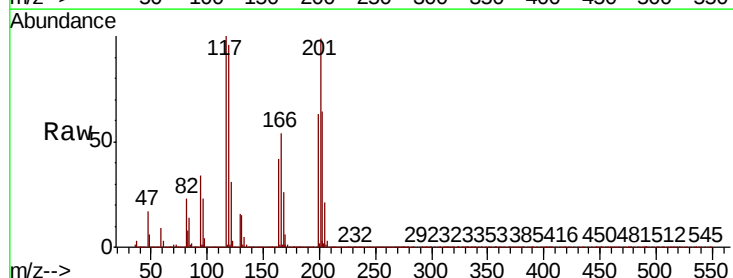
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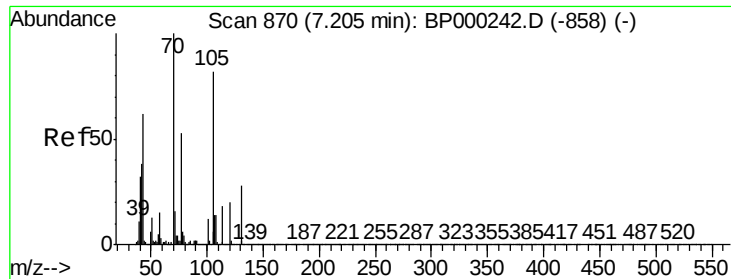
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#18
Hexachloroethane
Concen: 40.134 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	295534		
119	95.9	75.6	113.4	
201	99.3	79.4	119.2	





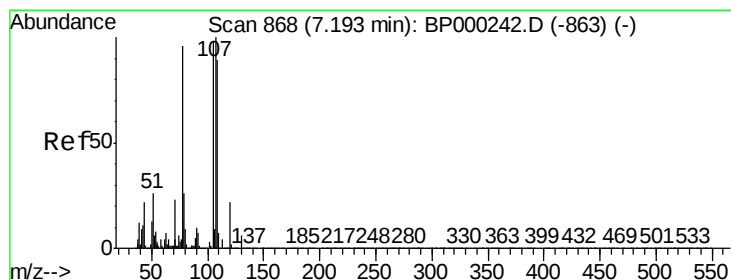
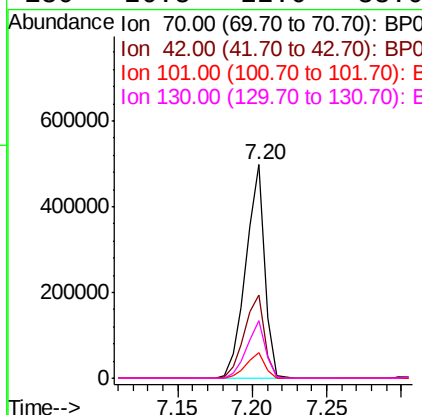
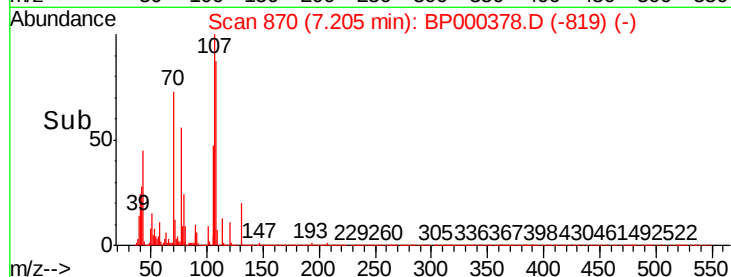
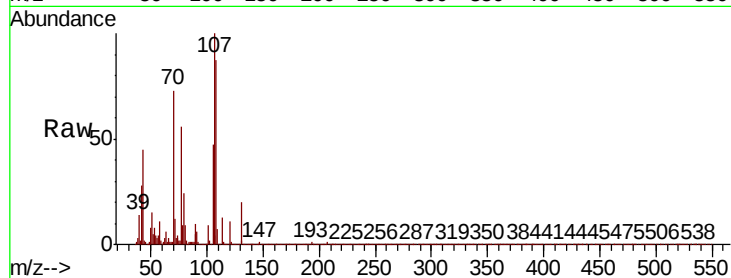
#19
n-Nitroso-di-n-propylamine
Concen: 43.413 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	38.9	30.7	46.1
101	11.8	9.6	14.4
130	26.8	22.0	33.0

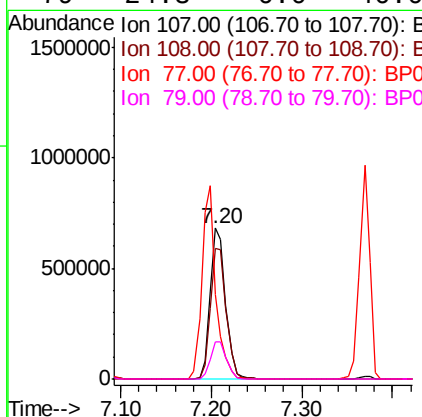
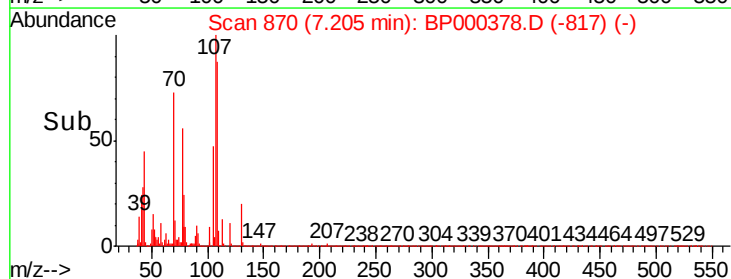
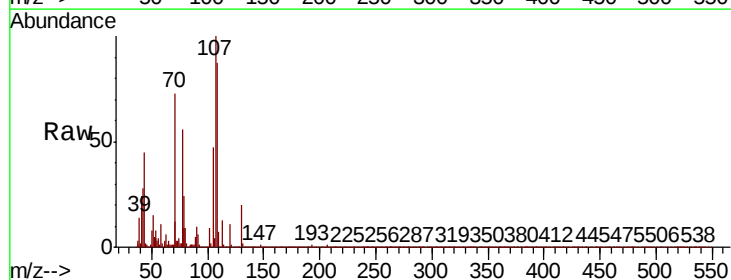
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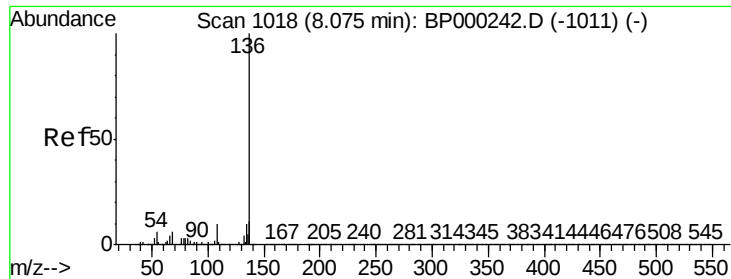
mohammad
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#20
3+4-Methylphenols
Concen: 46.686 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.01 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.0	68.8	108.8
77	55.8	75.7	115.7
79	24.3	6.0	46.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BP000378.D

Acq: 23 Sep 2019 22:18

Instrument :

BNA_P

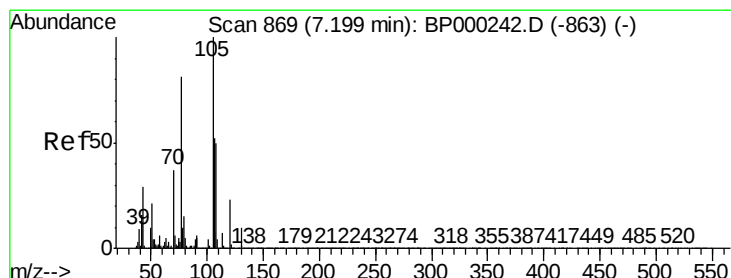
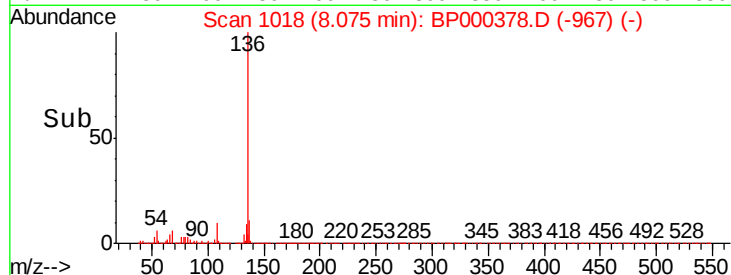
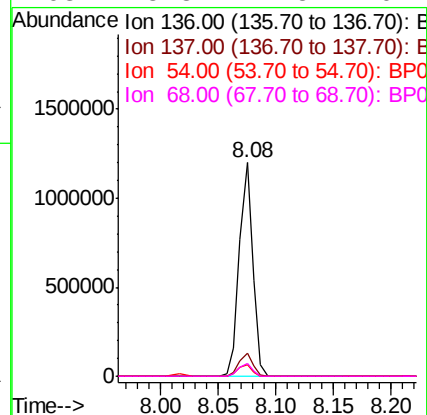
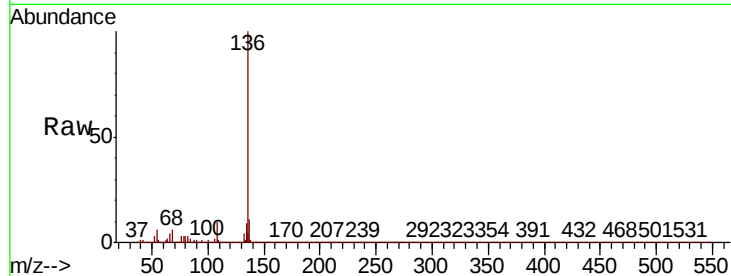
ClientSampleId :

SAND-STOCKPILE-1MS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	8.6	13.0
54	5.7	4.5	6.7
68	5.8	4.5	6.7

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#22

Acetophenone

Concen: 50.484 ng

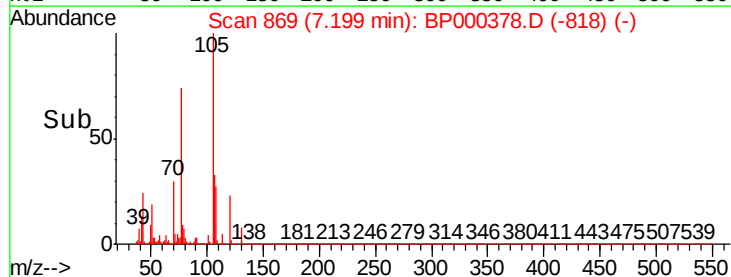
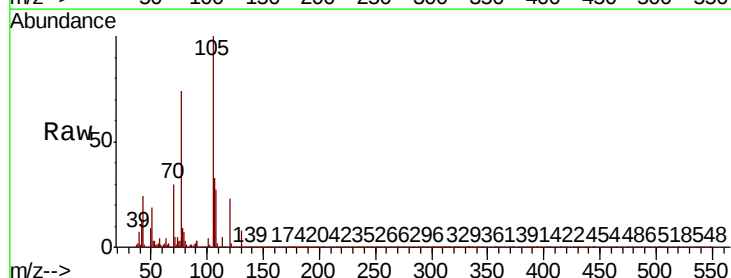
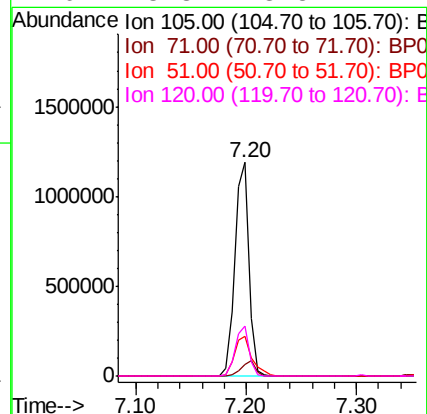
RT: 7.20 min Scan# 869

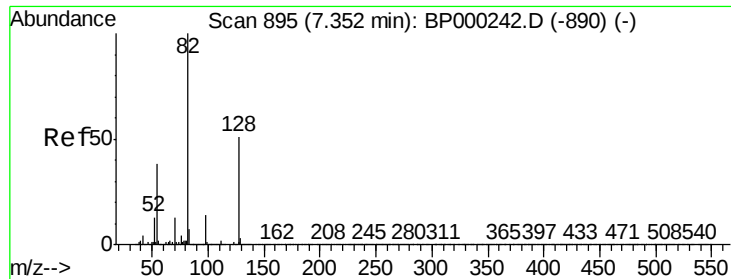
Delta R.T. -0.00 min

Lab File: BP000378.D

Acq: 23 Sep 2019 22:18

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	5.2	5.2	7.8#
51	18.8	16.6	24.8
120	23.3	18.5	27.7





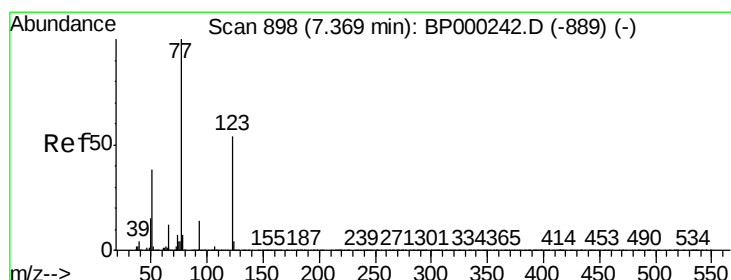
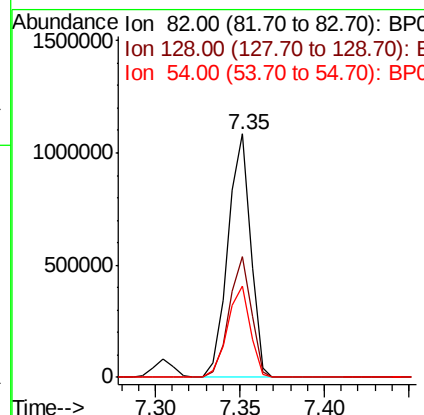
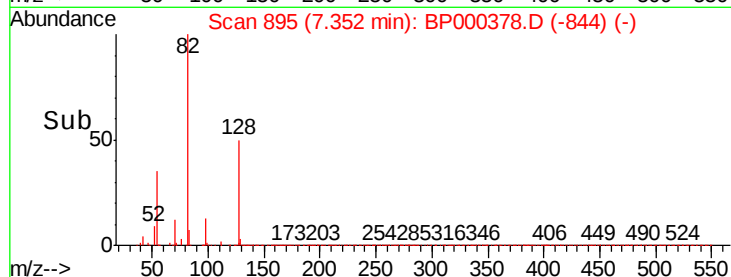
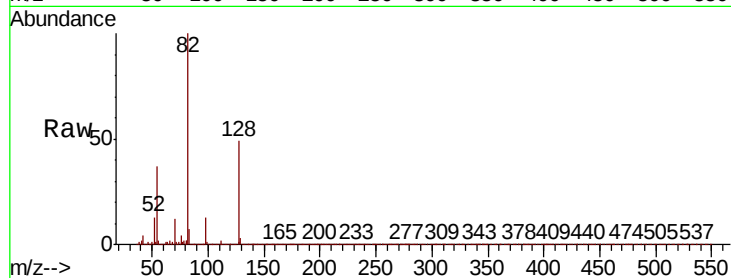
#23
Nitrobenzene-d5
Concen: 67.217 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.5	40.7	61.1
54	37.4	30.1	45.1

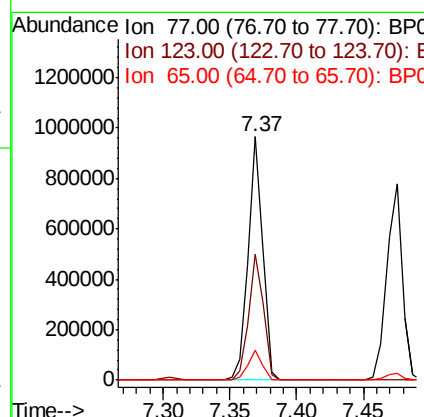
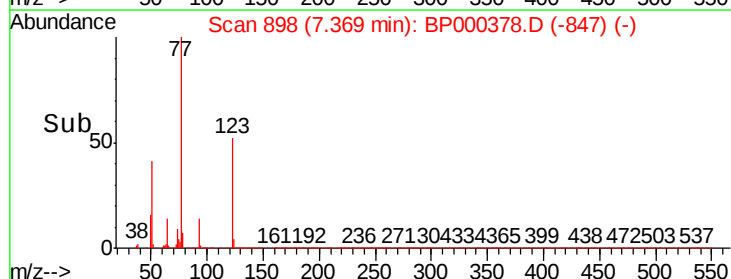
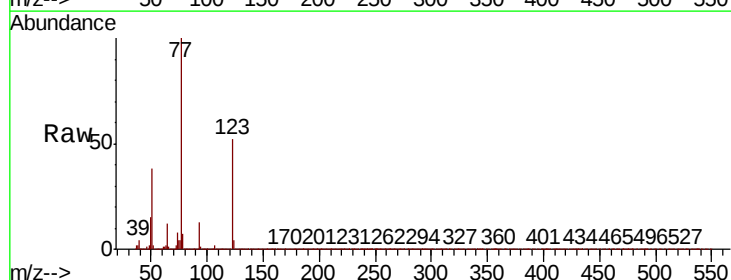
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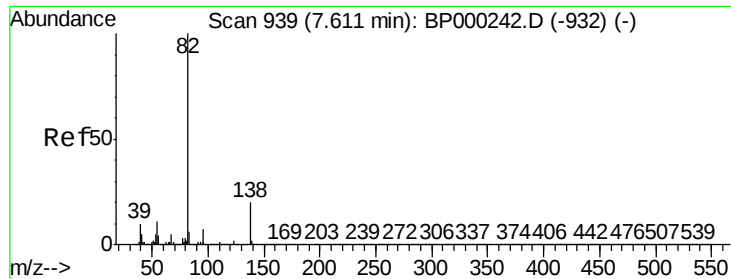
mohammad
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#24
Nitrobenzene
Concen: 46.981 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.9	43.1	64.7
65	12.1	9.4	14.2





#25

Isophorone

Concen: 45.575 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.00 min

Lab File: BP000378.D

Acq: 23 Sep 2019 22:18

Instrument :

BNA_P

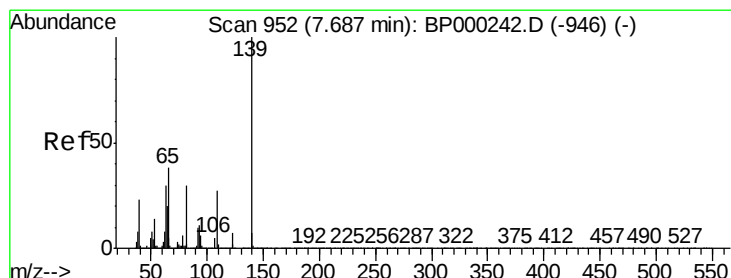
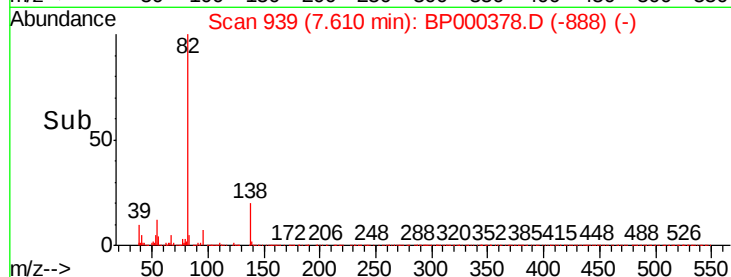
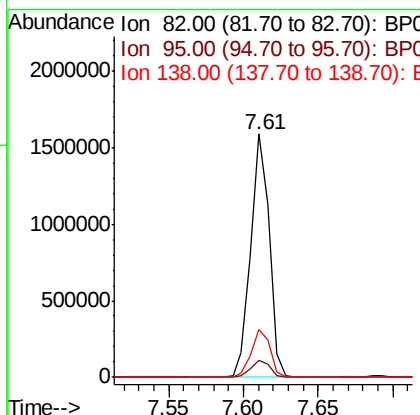
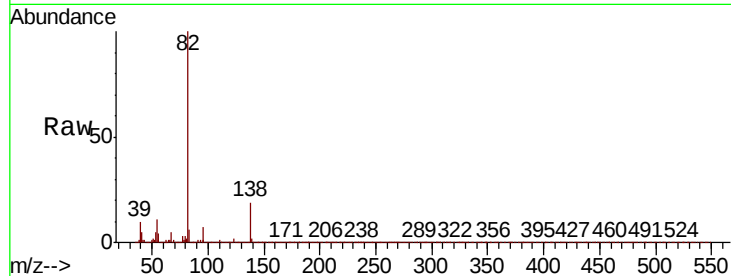
ClientSampleId :

SAND-STOCKPILE-1MS

Tot Ion:	82	Resp:	1358110
Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.9	8.9
138	19.4	15.9	23.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.390 ng

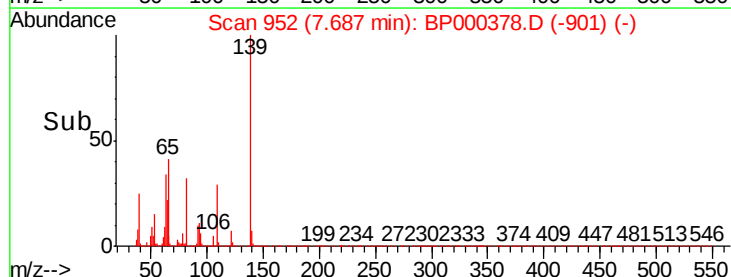
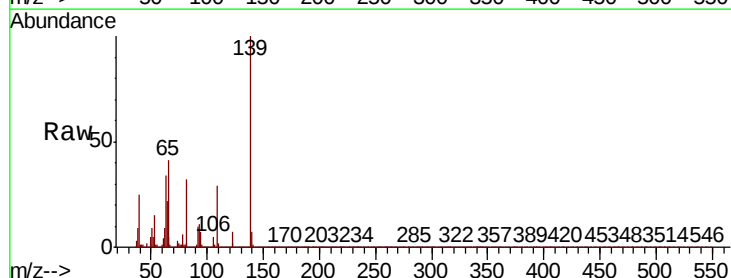
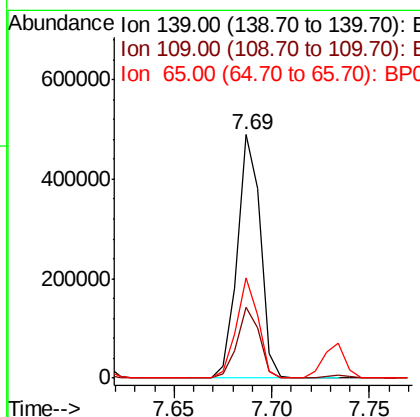
RT: 7.69 min Scan# 952

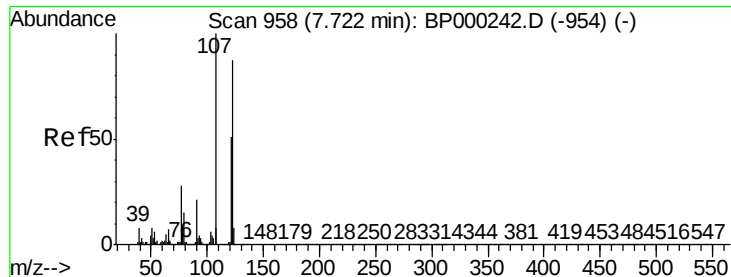
Delta R.T. -0.00 min

Lab File: BP000378.D

Acq: 23 Sep 2019 22:18

Tgt Ion:	139	Resp:	400996
Ion	Ratio	Lower	Upper
139	100		
109	28.8	21.8	32.6
65	41.0	30.5	45.7





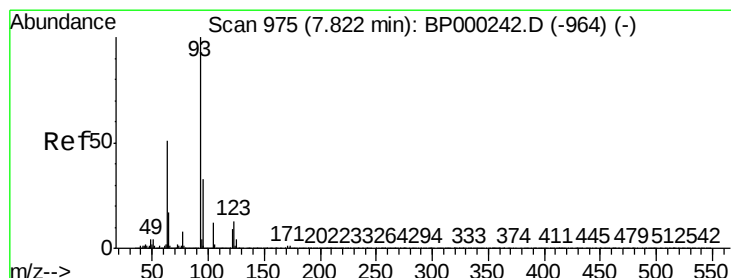
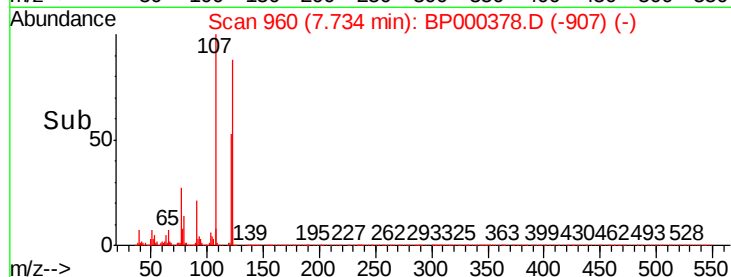
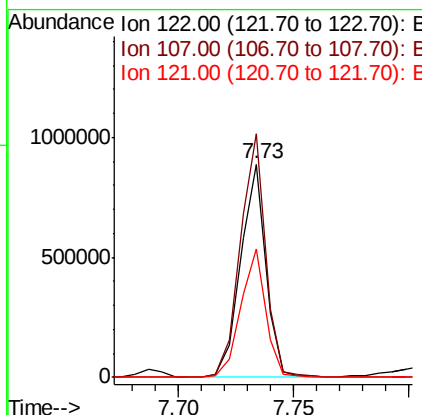
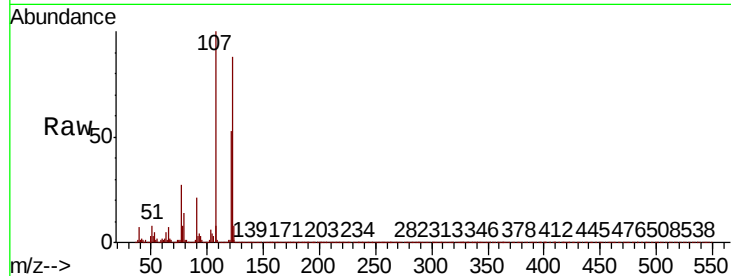
#27
2,4-Dimethylphenol
Concen: 51.410 ng
RT: 7.73 min Scan# 960
Delta R.T. 0.01 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MS

Tot Ion	Ratio	Resp Lower	Upper
122	100		
107	114.1	91.5	137.3
121	60.1	46.9	70.3

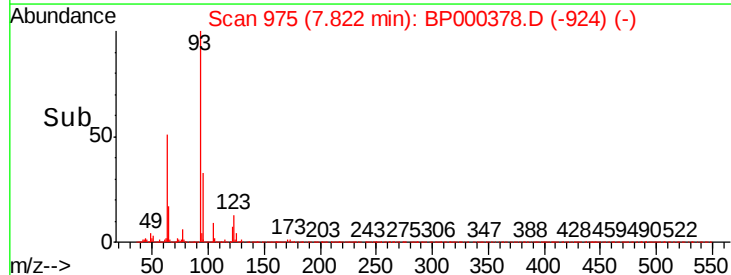
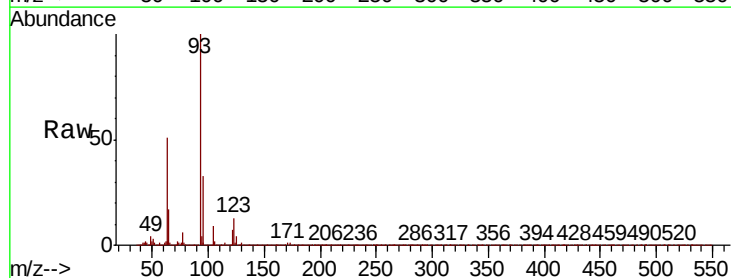
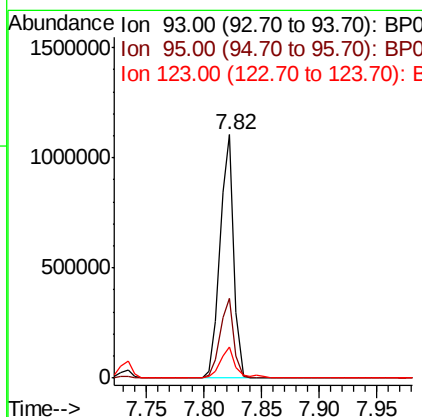
Manual Integrations
APPROVED

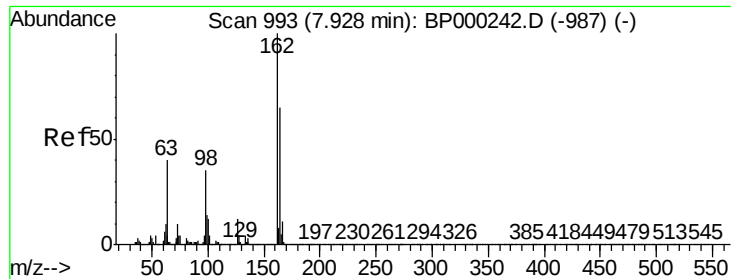
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 45.716 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
95	33.0	26.2	39.4
123	12.8	10.2	15.2





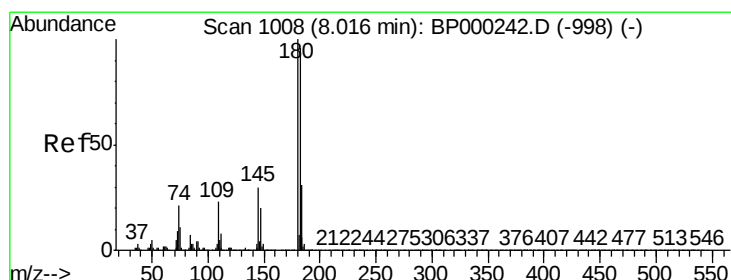
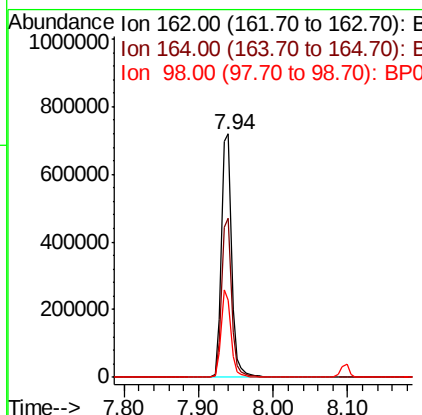
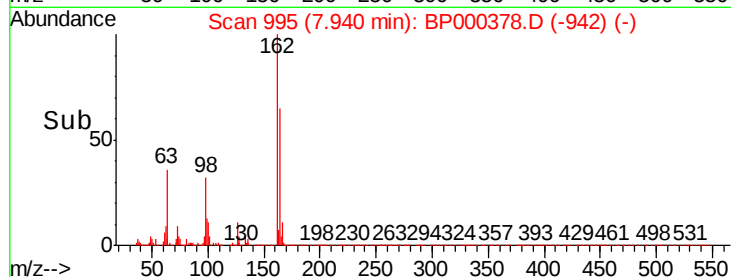
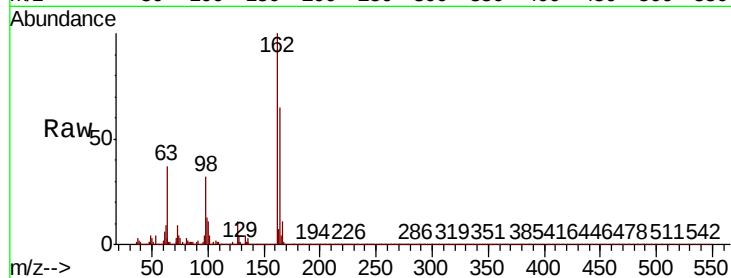
#29
2,4-Dichlorophenol
Concen: 48.068 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.01 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MS

Tot Ion:	162	Resp:	680024
Ion Ratio	Lower	Upper	
162	100		
164	65.2	44.5	84.5
98	31.9	15.2	55.2

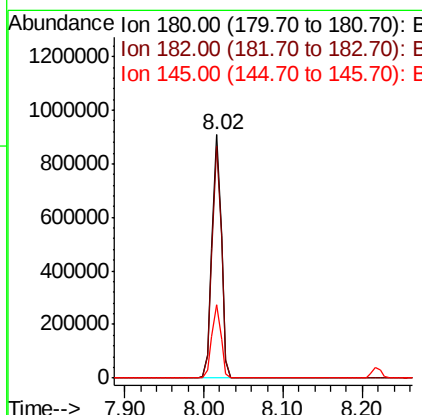
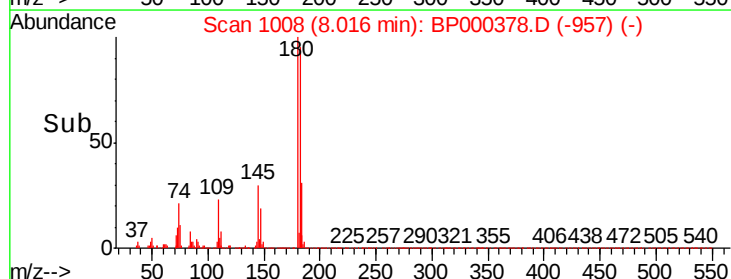
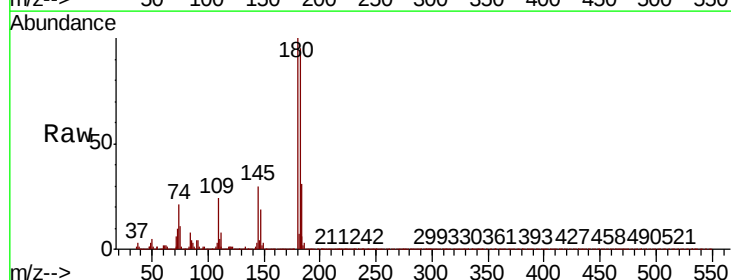
Manual Integrations
APPROVED

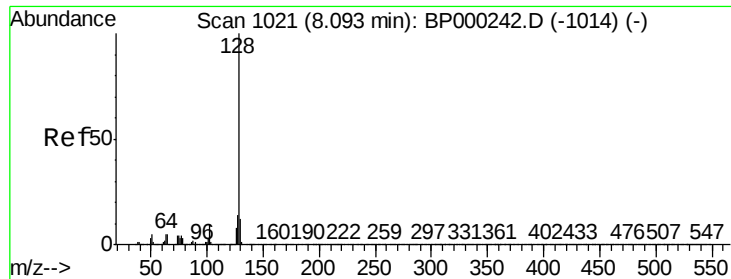
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 45.583 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Tgt Ion:	180	Resp:	739148
Ion Ratio	Lower	Upper	
180	100		
182	95.1	77.2	115.8
145	30.2	24.3	36.5





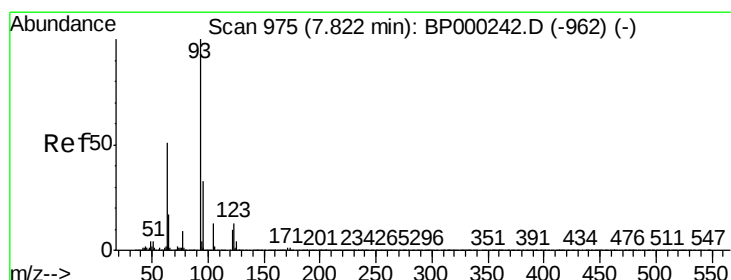
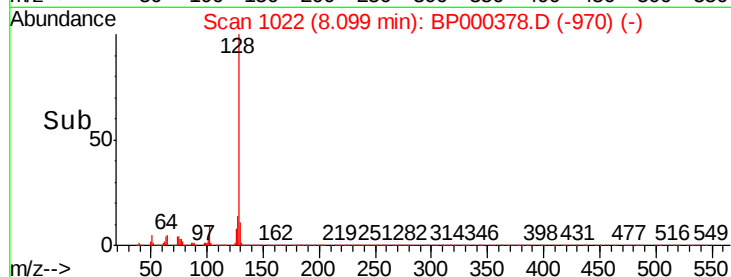
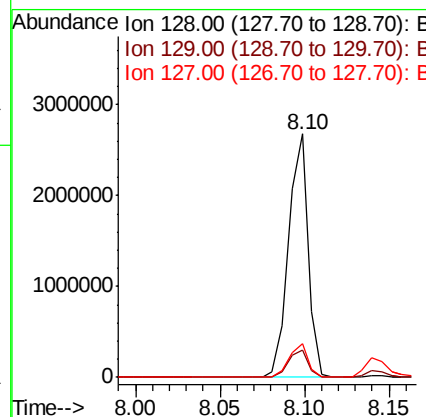
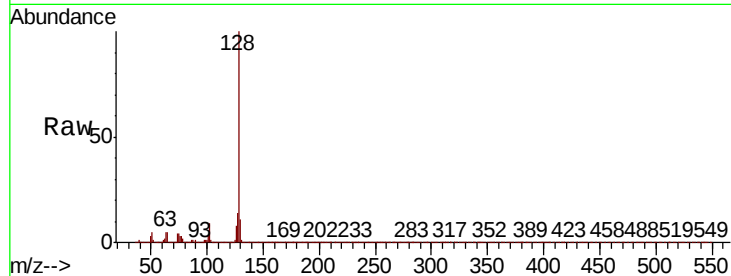
#31
Naphthalene
Concen: 48.244 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.2	13.8
127	13.8	11.0	16.6

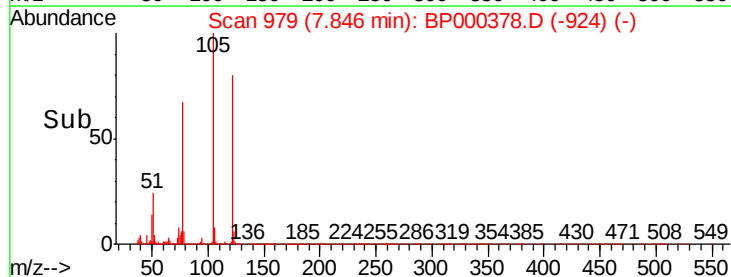
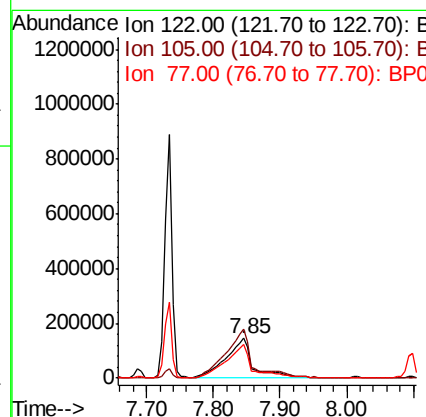
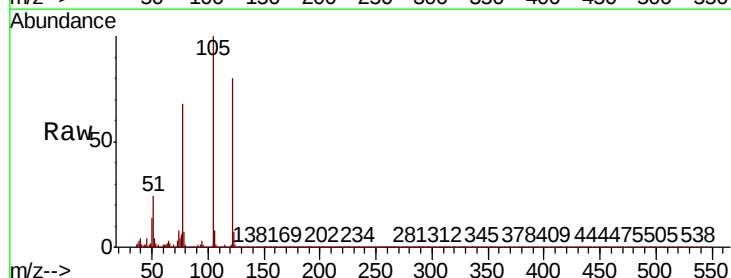
Manual Integrations
APPROVED

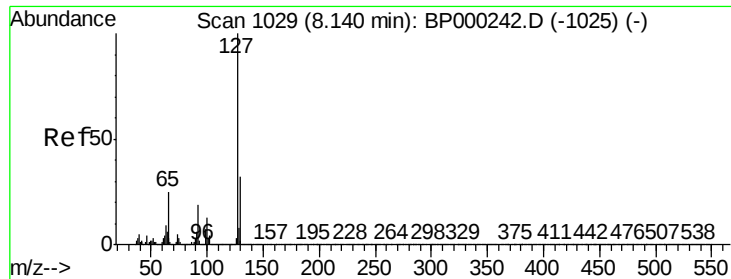
mohammad
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#32
Benzoic acid
Concen: 45.611 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.02 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.0	105.4	145.4
77	85.1	65.3	105.3





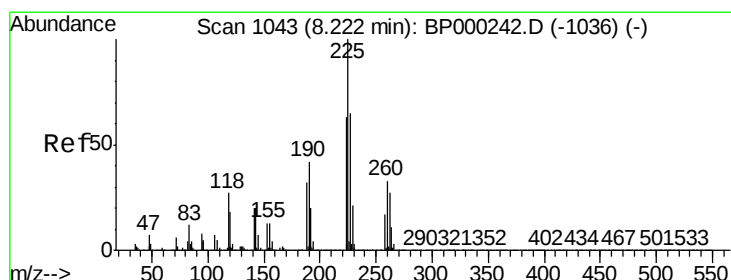
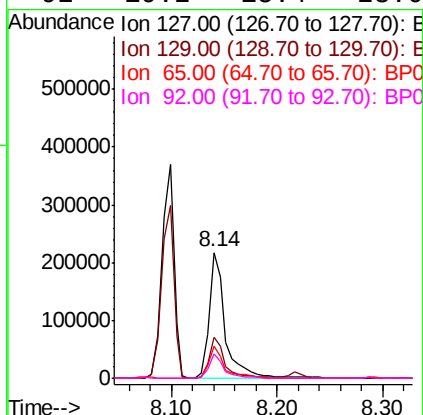
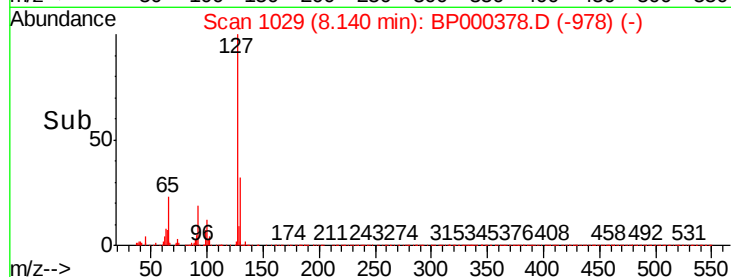
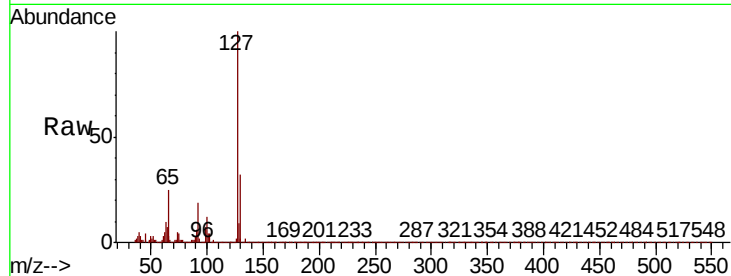
#33
4-Chloroaniline
Concen: 11.215 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		228234		
129	32.1	25.7	38.5		
65	25.2	19.9	29.9		
92	19.2	15.4	23.0		

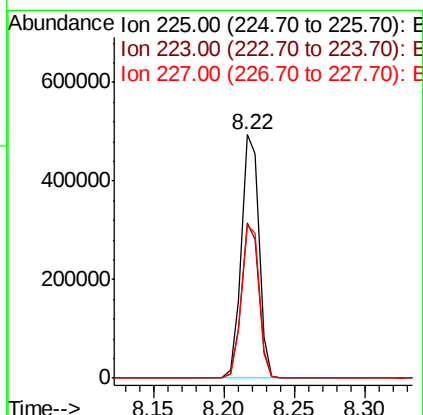
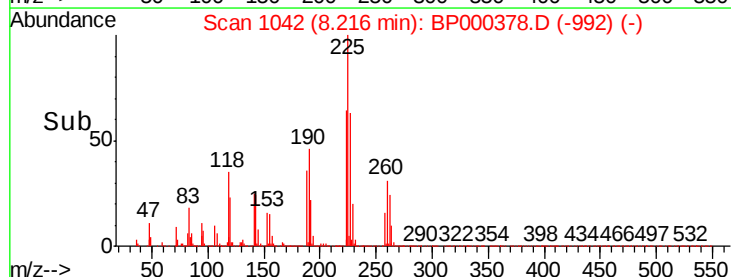
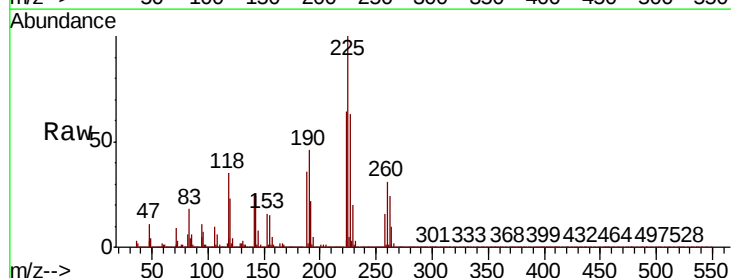
Manual Integrations
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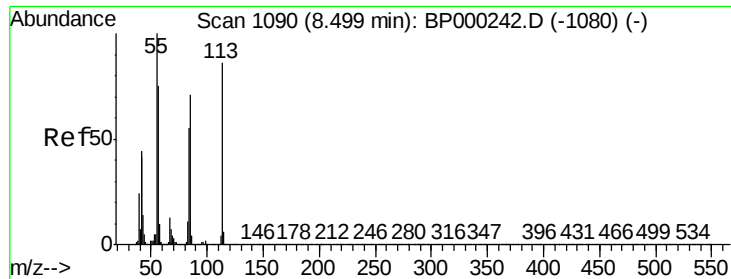
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#34
Hexachlorobutadiene
Concen: 44.618 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		428685		
223	63.9	50.2	75.2		
227	63.0	51.8	77.6		





#35

Caprolactam

Concen: 47.377 ng m

RT: 8.51 min Scan# 1092

Delta R.T. 0.01 min

Lab File: BP000378.D

Acq: 23 Sep 2019 22:18

Instrument :

BNA_P

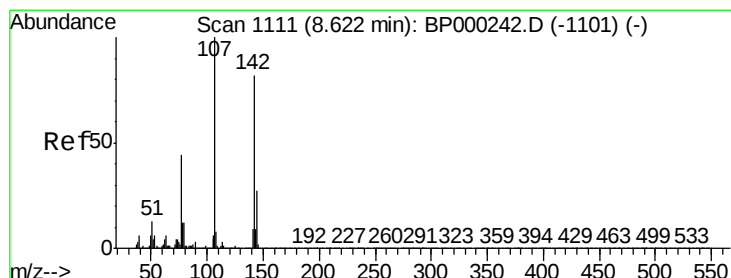
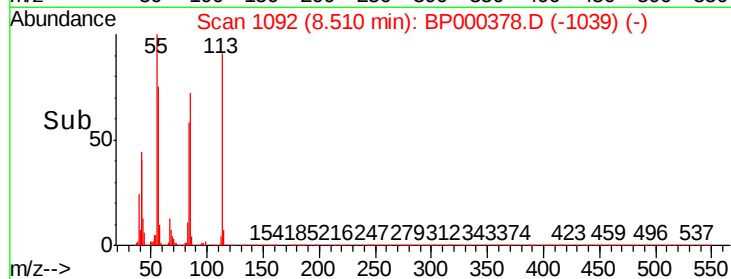
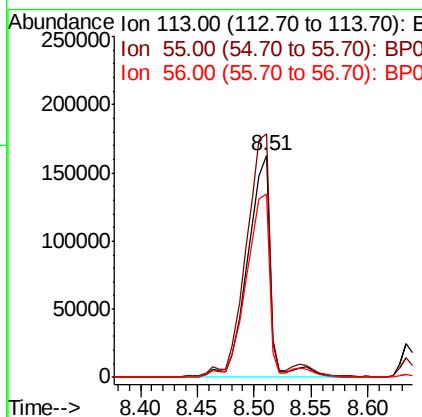
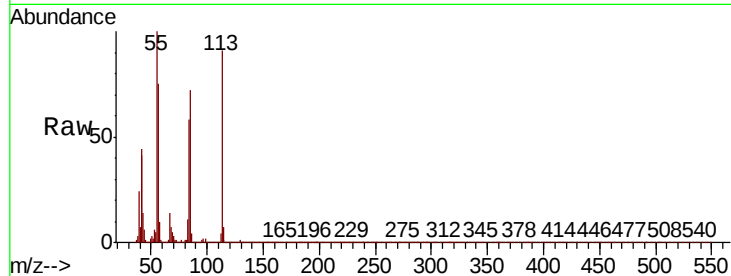
ClientSampleId :

SAND-STOCKPILE-1MS

Tot Ion:	113	Resp:	228001
Ion Ratio	Lower	Upper	
113	100		
55	109.9	96.8	136.8
56	82.8	67.5	107.5

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 47.401 ng

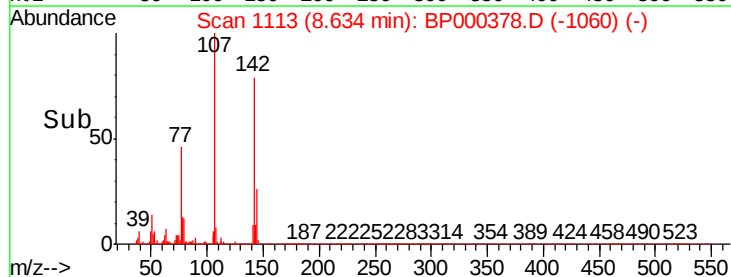
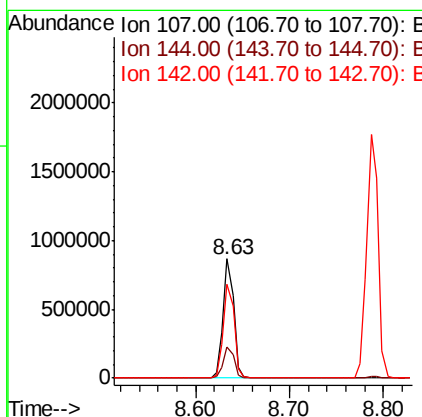
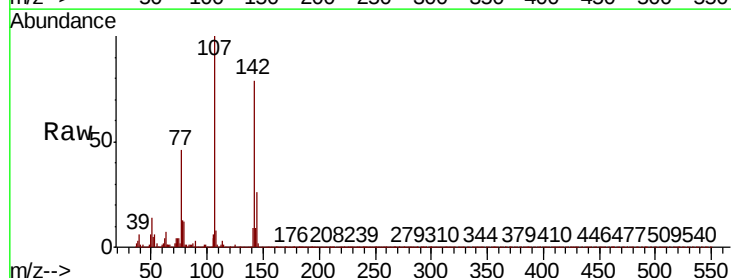
RT: 8.63 min Scan# 1113

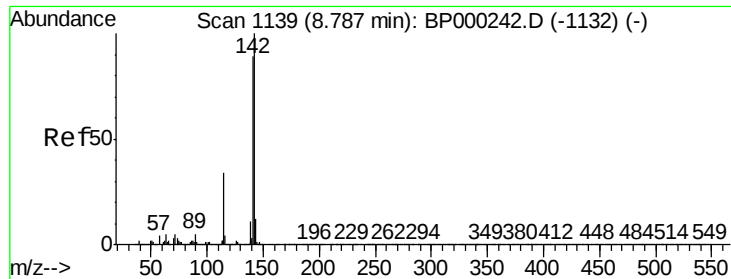
Delta R.T. 0.01 min

Lab File: BP000378.D

Acq: 23 Sep 2019 22:18

Tgt Ion:	107	Resp:	680743
Ion Ratio	Lower	Upper	
107	100		
144	25.8	21.5	32.3
142	79.2	65.7	98.5





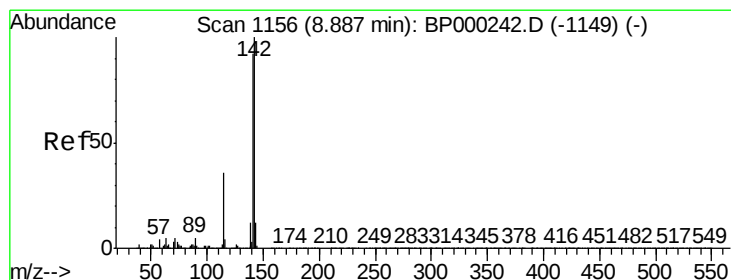
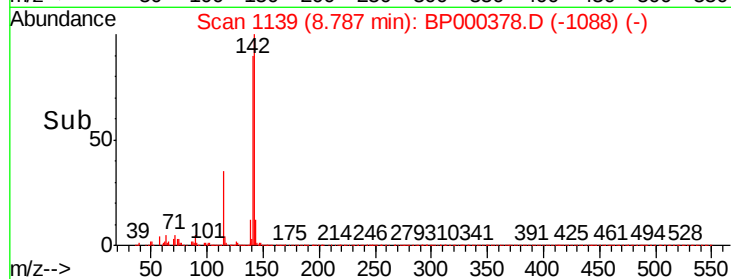
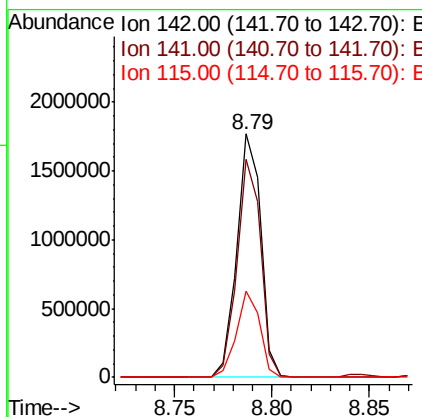
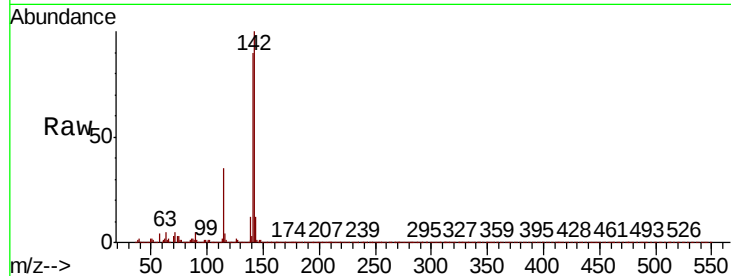
#37
 2-Methylnaphthalene
 Concen: 48.887 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BP000378.D
 Acq: 23 Sep 2019 22:18

Instrument :
 BNA_P
 ClientSampleId :
 SAND-STOCKPILE-1MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.3	106.9
115	35.2	27.2	40.8

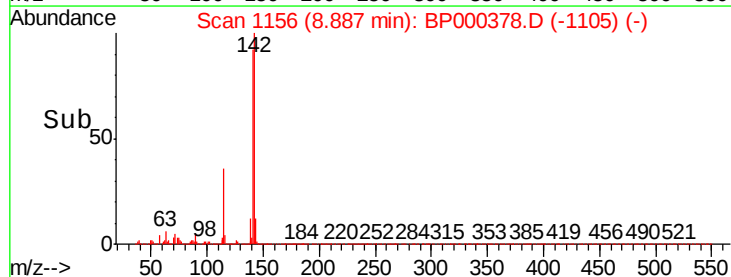
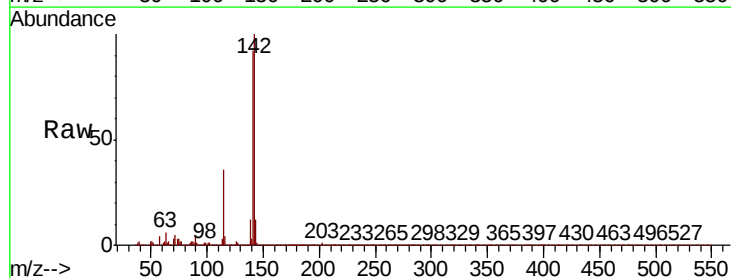
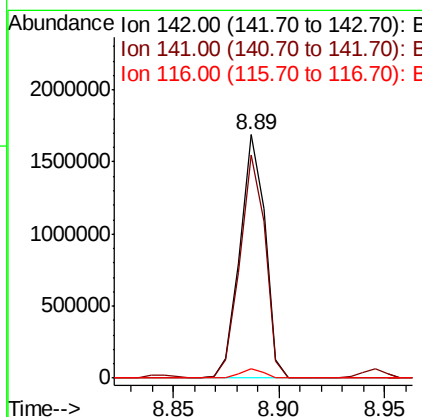
Manual Integrations
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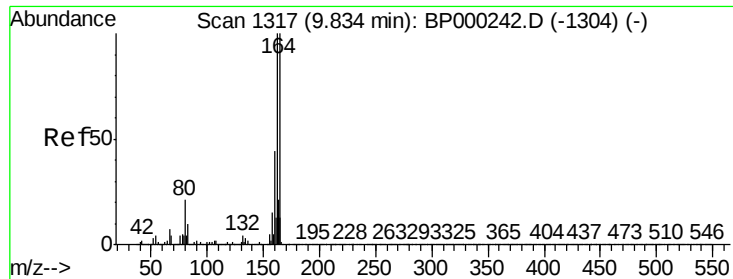
mohammad
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#38
 1-Methylnaphthalene
 Concen: 48.333 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BP000378.D
 Acq: 23 Sep 2019 22:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.9	110.9
116	3.9	3.0	4.6





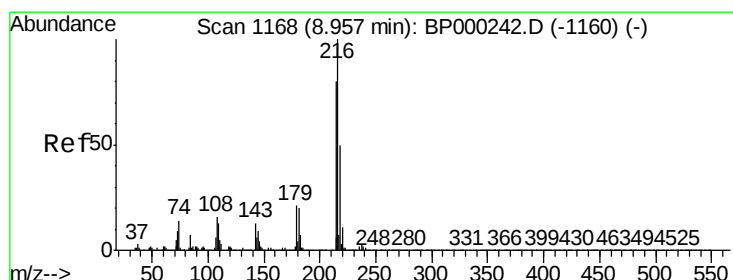
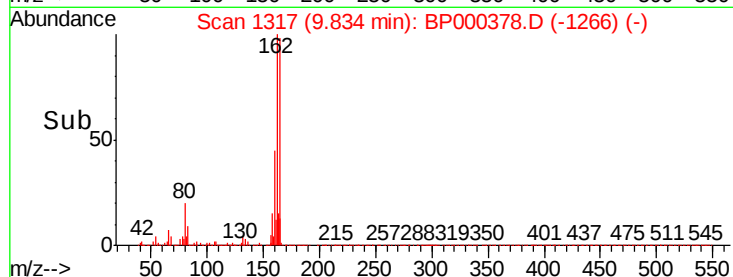
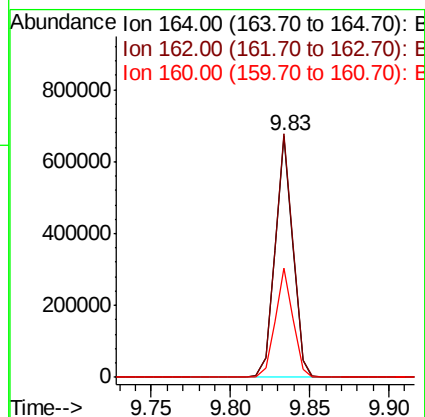
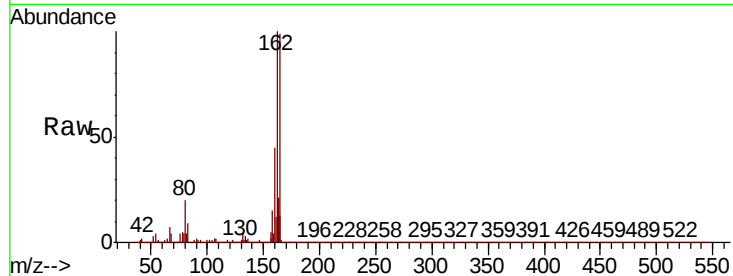
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MS

Tot Ion:	164	Resp:	529960
Ion Ratio	Lower	Upper	
164	100		
162	100.9	79.9	119.9
160	45.1	35.6	53.4

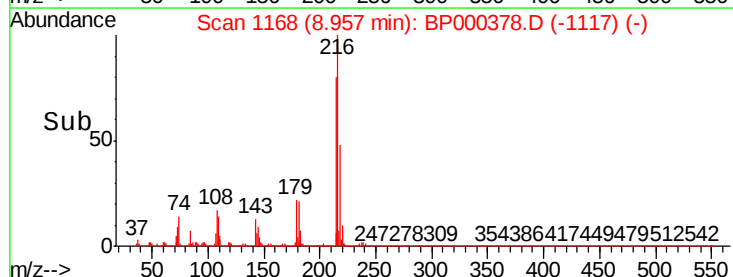
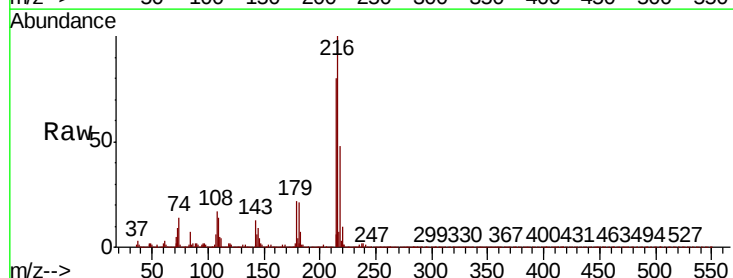
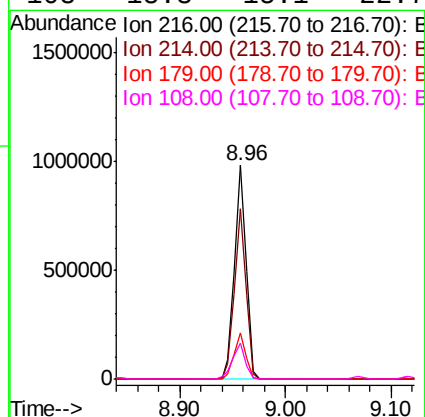
Manual Integrations
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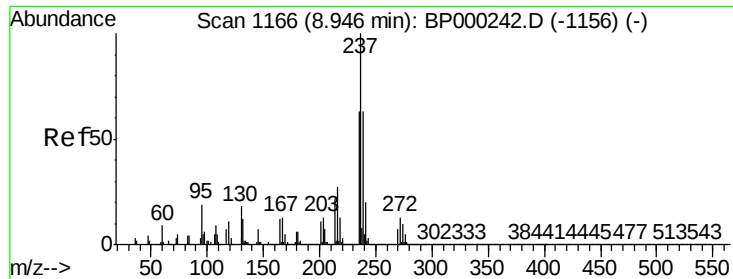
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.621 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Tgt Ion:	216	Resp:	736730
Ion Ratio	Lower	Upper	
216	100		
214	79.4	63.6	95.4
179	21.2	17.0	25.4
108	18.3	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 44.432 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BP000378.D

Acq: 23 Sep 2019 22:18

Instrument :

BNA_P

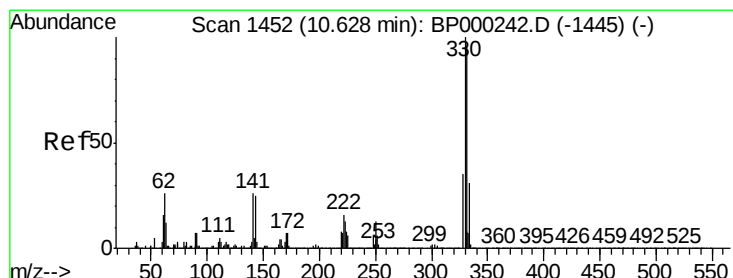
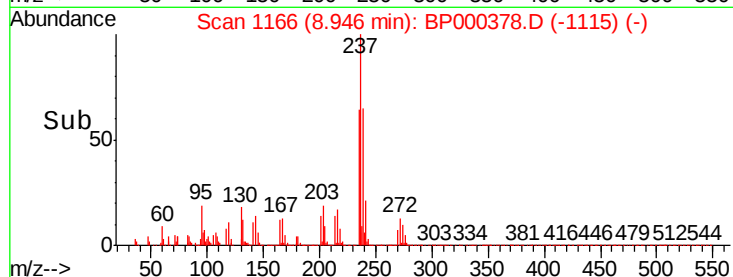
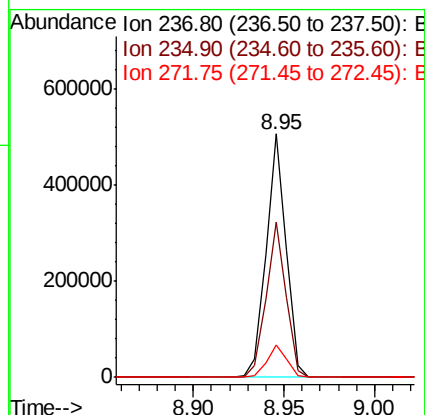
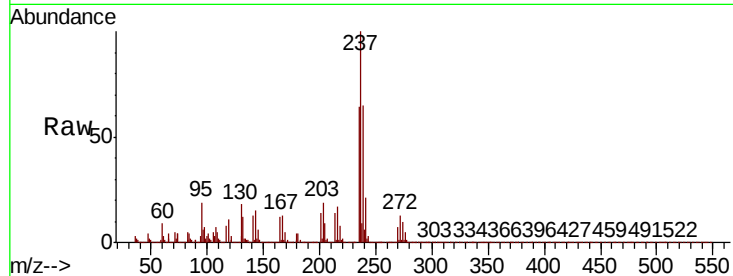
ClientSampleId :

SAND-STOCKPILE-1MS

Tot Ion:	237	Resp:	386606
Ion Ratio	Lower	Upper	
237	100		
235	63.6	43.5	83.5
272	13.2	0.0	33.0

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 98.275 ng

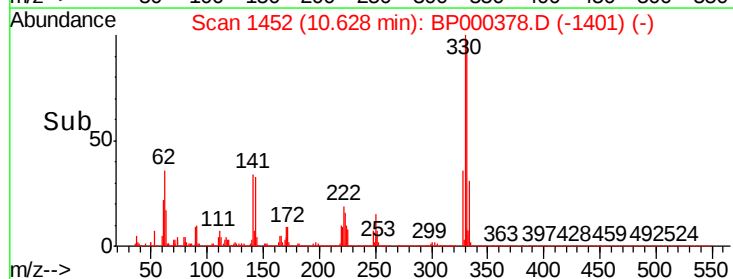
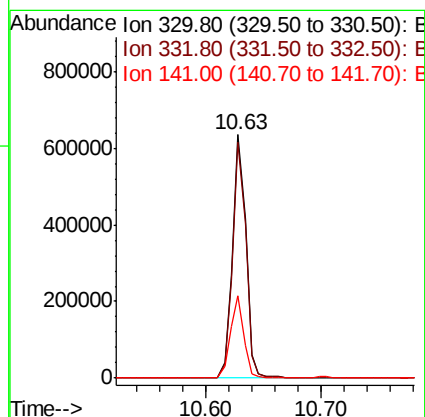
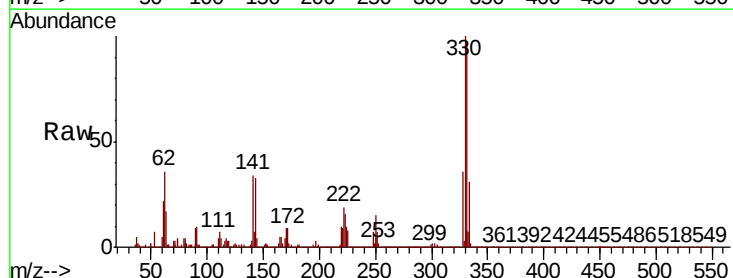
RT: 10.63 min Scan# 1452

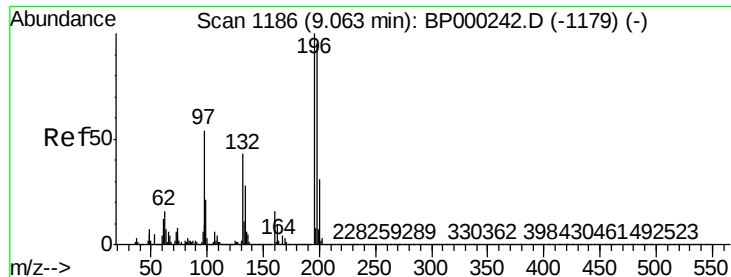
Delta R.T. -0.00 min

Lab File: BP000378.D

Acq: 23 Sep 2019 22:18

Tgt Ion:	330	Resp:	516579
Ion Ratio	Lower	Upper	
330	100		
332	96.5	76.6	115.0
141	33.3	26.5	39.7





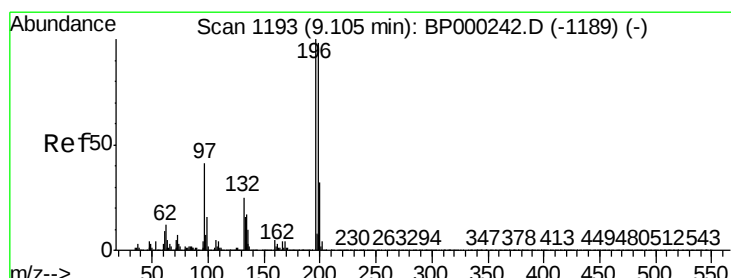
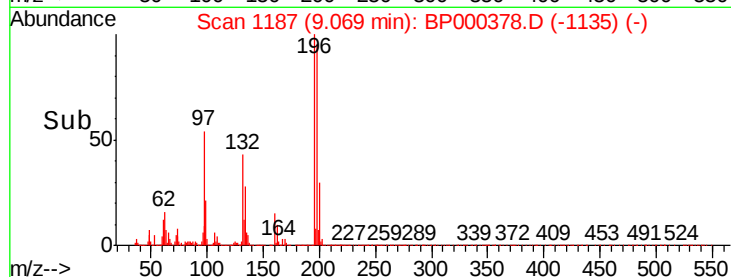
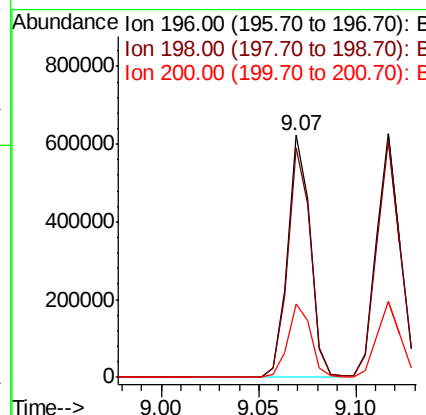
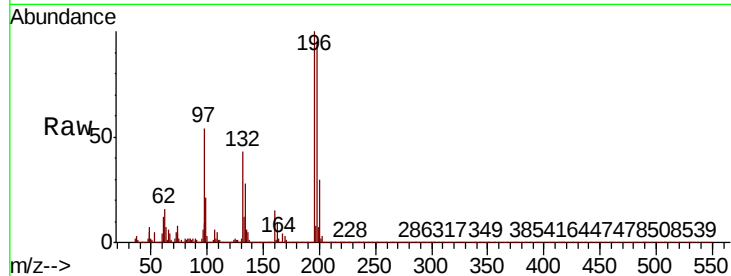
#43
2,4,6-Trichlorophenol
Concen: 47.651 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	499608		
198	94.9	76.0	114.0	
200	30.4	24.6	37.0	

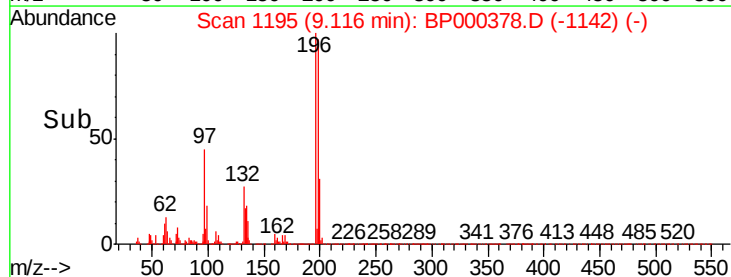
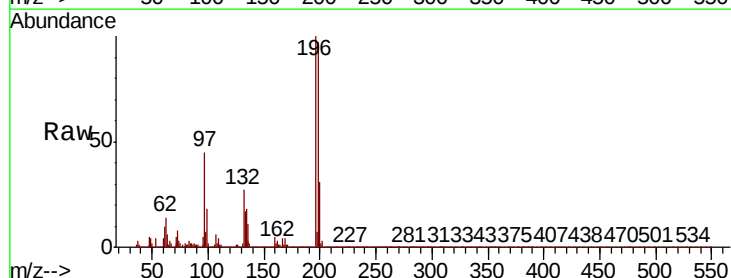
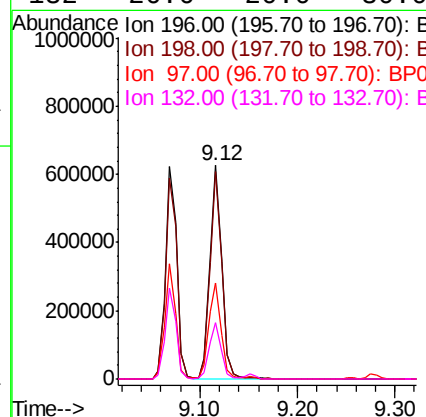
Manual Integrations
APPROVED

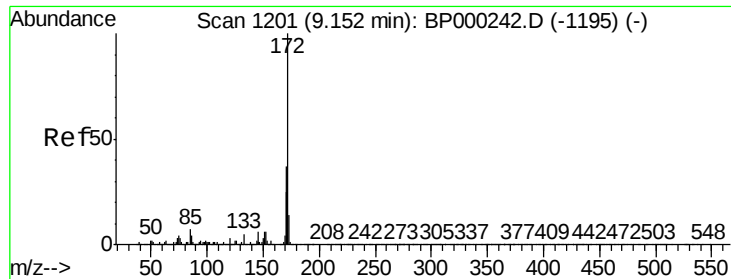
mohammad
9/24/2019 2:38:59 PM



#44
2,4,5-Trichlorophenol
Concen: 49.769 ng
RT: 9.12 min Scan# 1195
Delta R.T. 0.01 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	534328		
198	97.3	78.1	117.1	
97	44.8	33.3	49.9	
132	26.6	20.0	30.0	





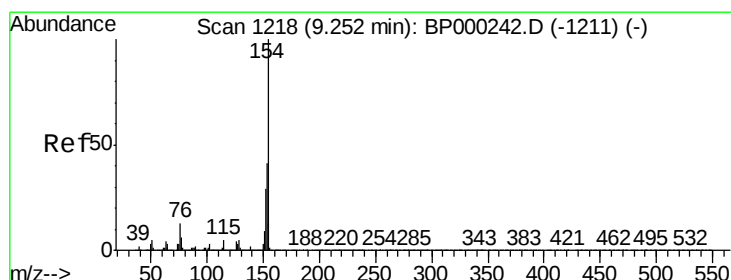
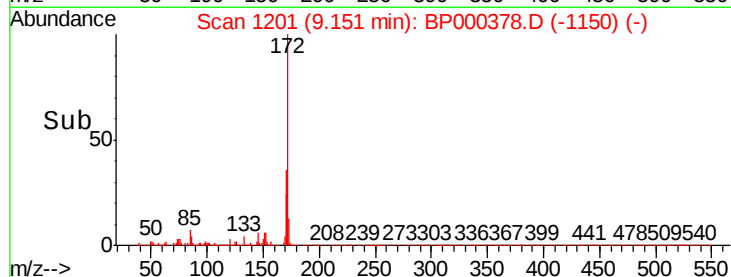
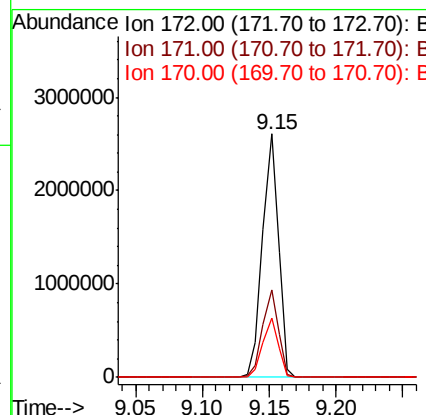
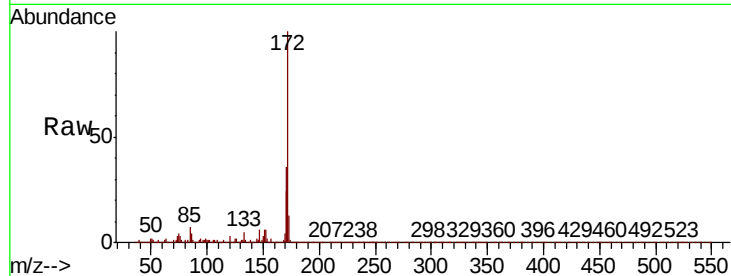
#45
2-Fluorobiphenyl
Concen: 72.401 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.8	44.6
170	24.3	19.8	29.6

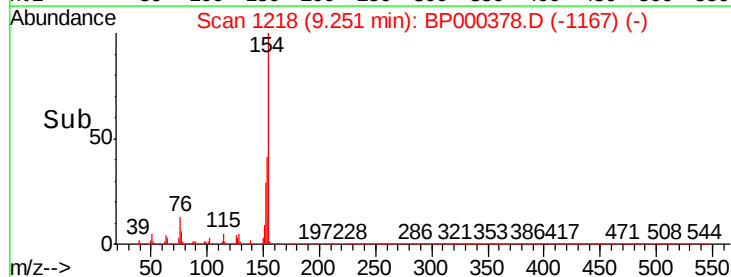
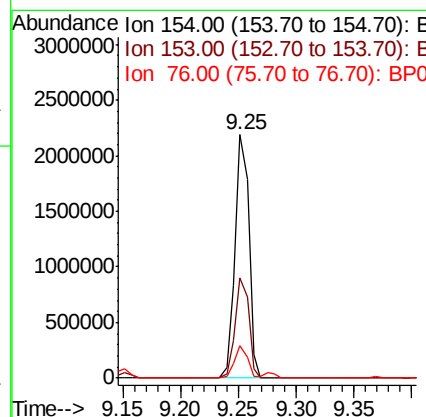
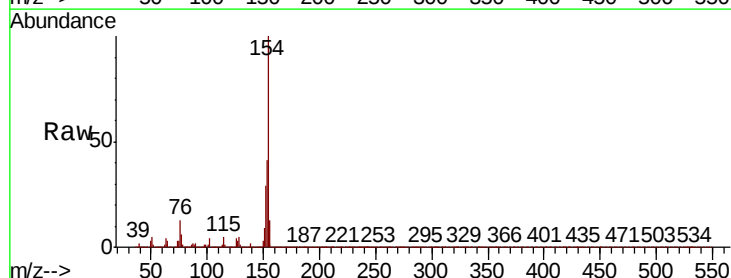
Manual Integrations
APPROVED

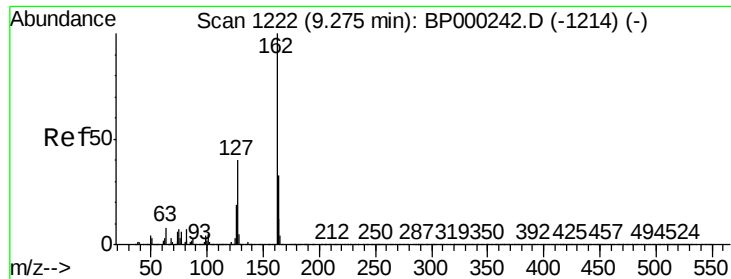
mohammad
9/24/2019 2:38:59 PM



#46
1,1'-Biphenyl
Concen: 49.659 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.4	61.4
76	13.1	0.0	33.4





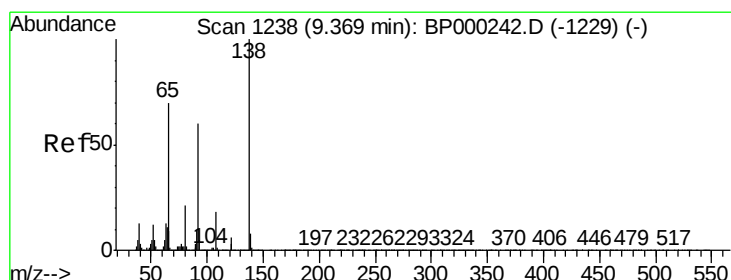
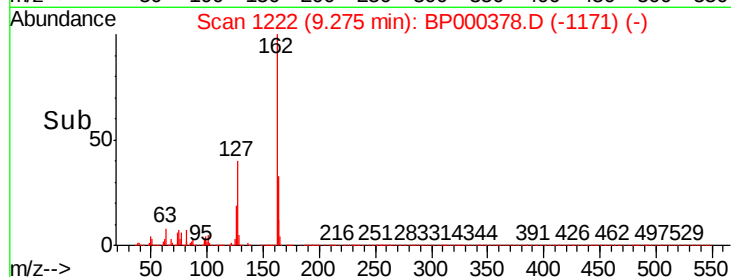
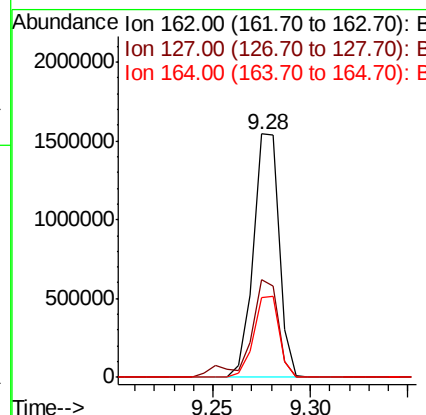
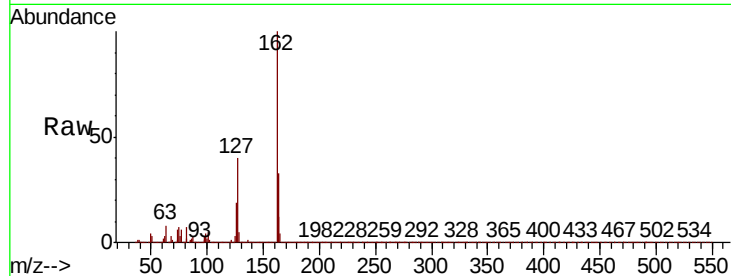
#47
2-Chloronaphthalene
Concen: 46.040 ng
RT: 9.28 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.1	32.4	48.6
164	33.0	26.3	39.5

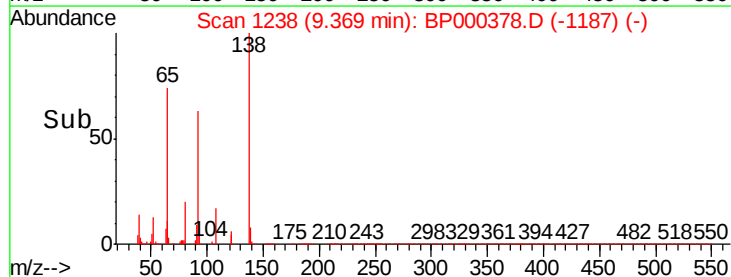
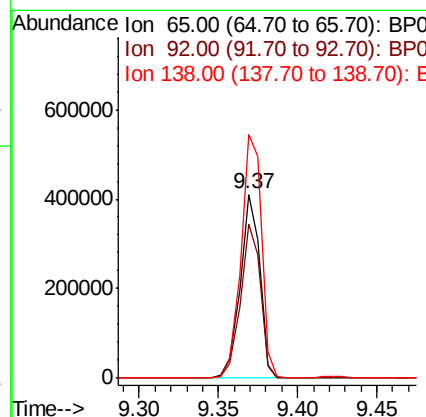
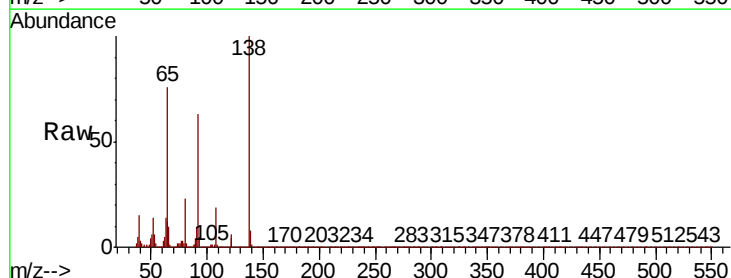
Manual Integrations
APPROVED

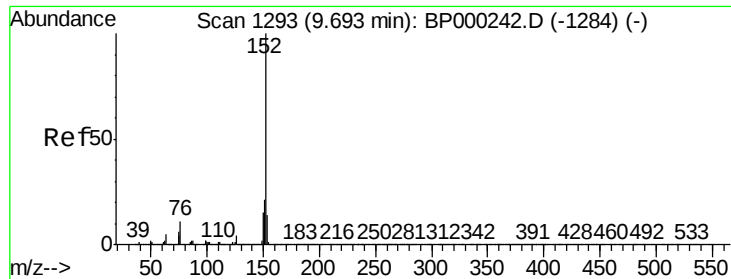
mohammad
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#48
2-Nitroaniline
Concen: 45.286 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.00 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Tgt Ion	Ratio	Lower	Upper
65	100		
92	84.0	68.7	103.1
138	132.4	114.4	171.6





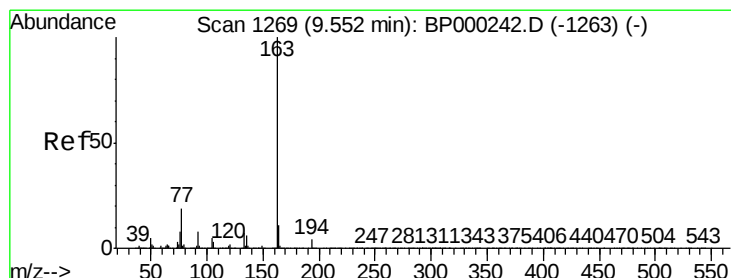
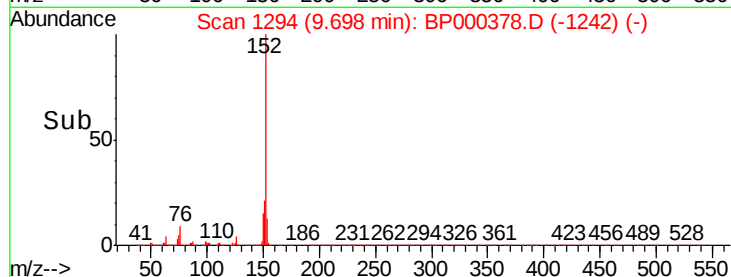
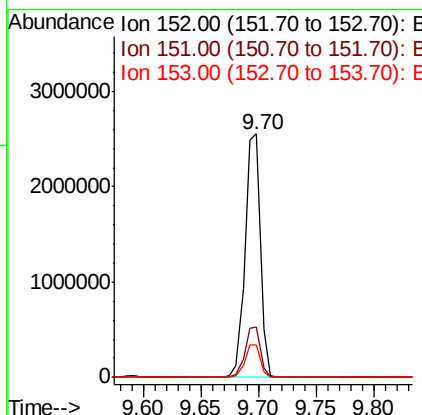
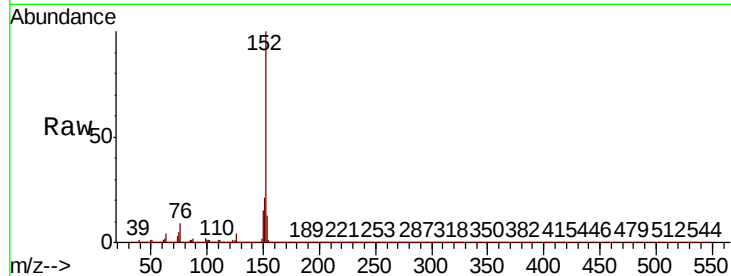
#49
Acenaphthylene
Concen: 50.873 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MS

Tot Ion:	152	Resp:	2351787
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.4	24.6
153	13.4	11.0	16.4

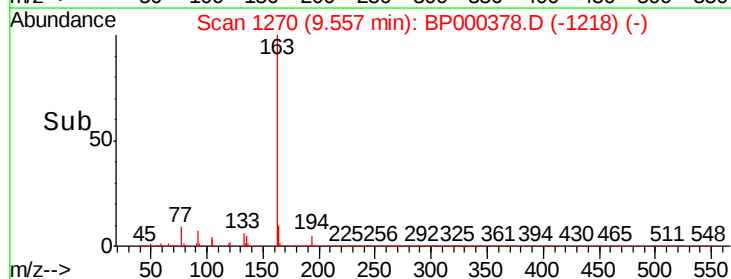
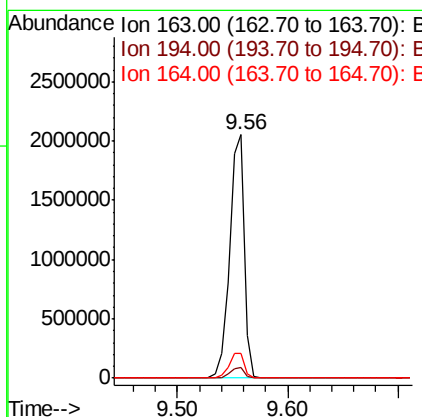
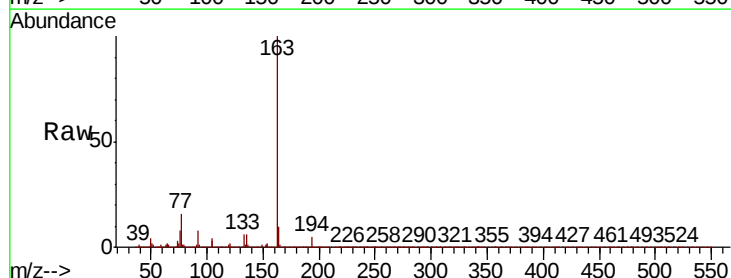
Manual Integrations
APPROVED

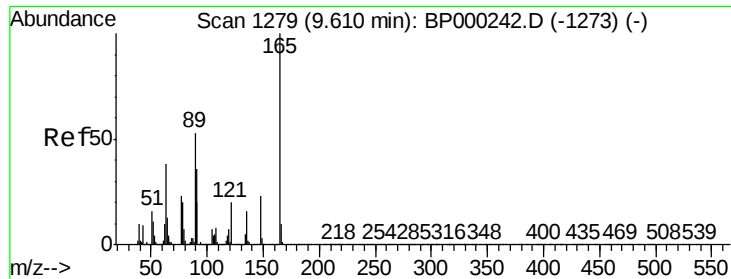
mohammad
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#50
Dimethylphthalate
Concen: 52.673 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Tgt Ion:	163	Resp:	1901870
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.4	5.0
164	10.0	8.5	12.7





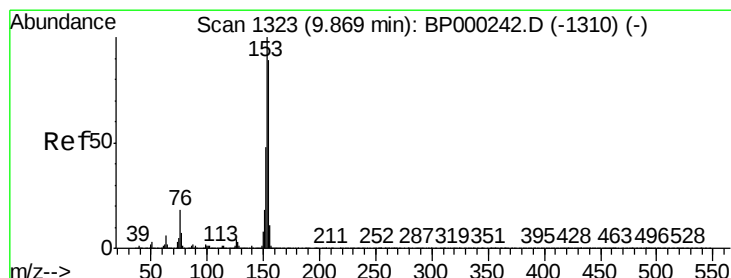
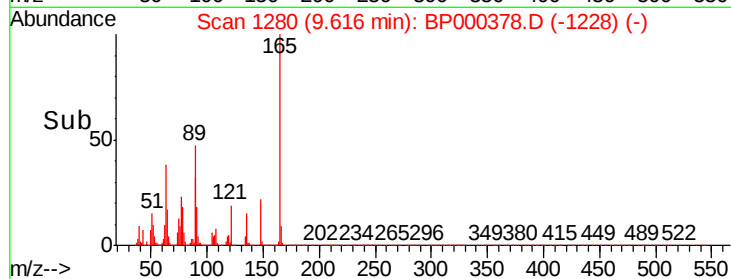
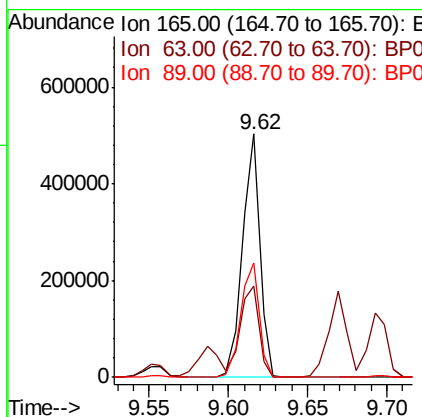
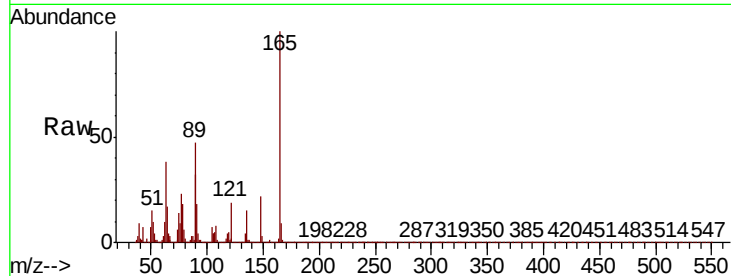
#51
2,6-Dinitrotoluene
Concen: 48.185 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	382542		
63	37.7		35.8	53.8
89	46.8		42.6	63.8

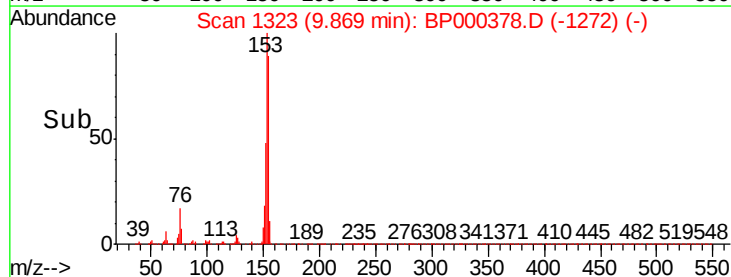
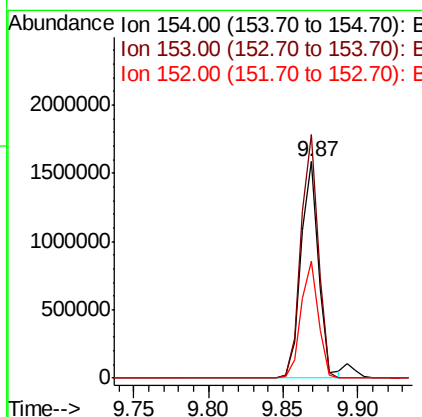
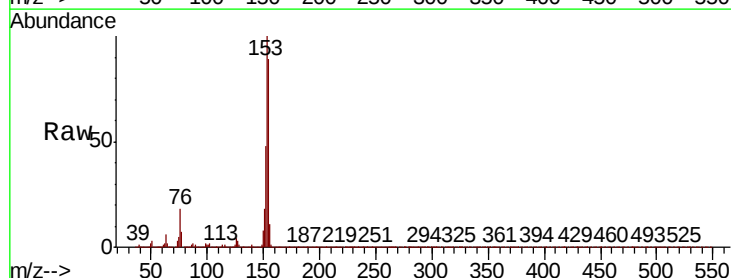
Manual Integrations
APPROVED

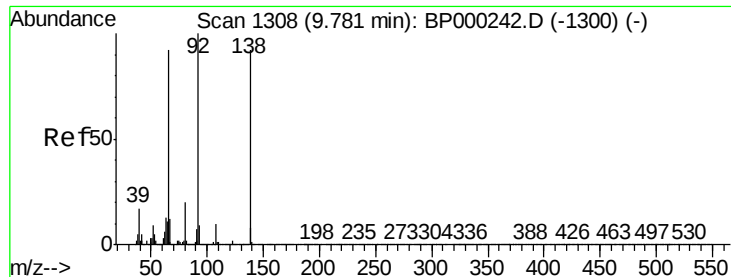
mohammad
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#52
Acenaphthene
Concen: 44.711 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1304350		
153	112.5		89.8	134.6
152	54.1		43.4	65.0





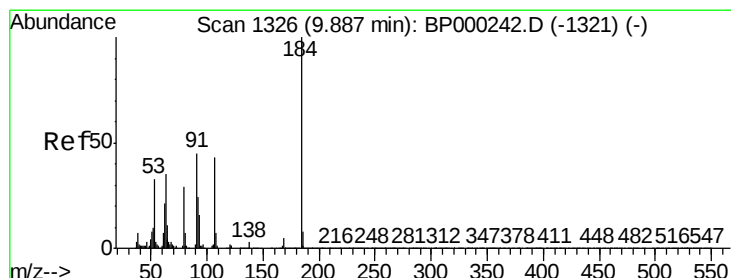
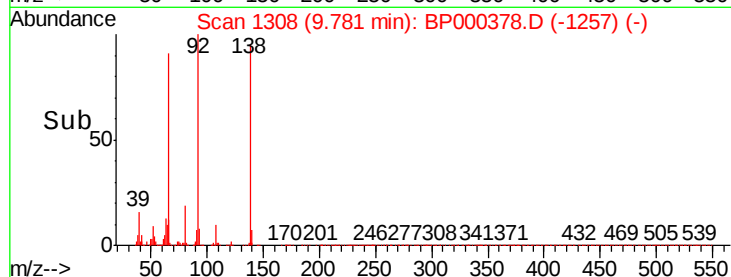
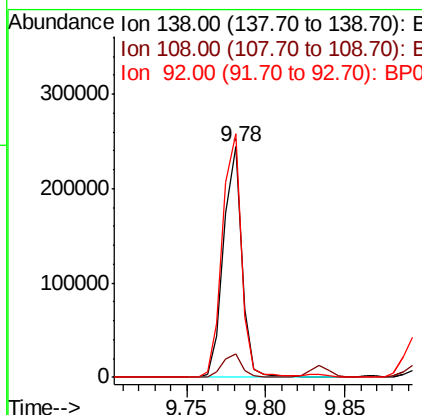
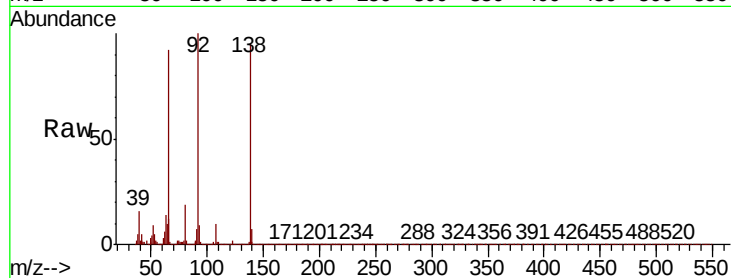
#53
3-Nitroaniline
Concen: 21.241 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	9.1	13.7
92	105.7	86.7	130.1

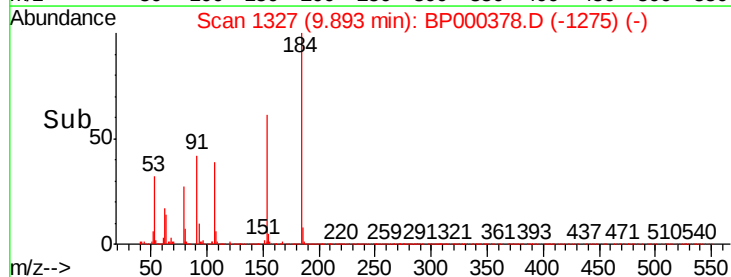
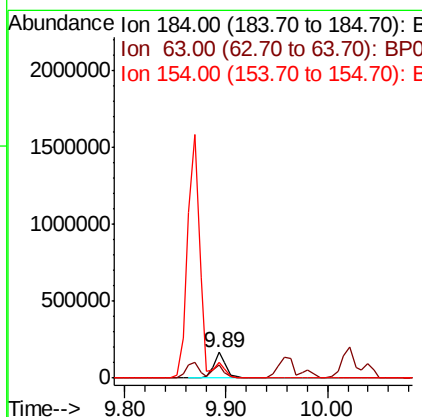
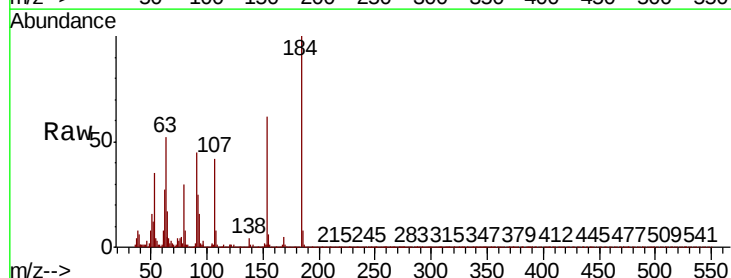
Manual Integrations
APPROVED

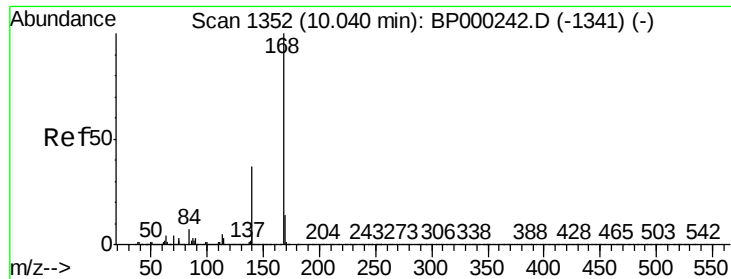
mohammad
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#54
2,4-Dinitrophenol
Concen: 42.080 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Tgt Ion	Ratio	Lower	Upper
184	100		
63	51.6	39.5	59.3
154	62.1	48.8	73.2





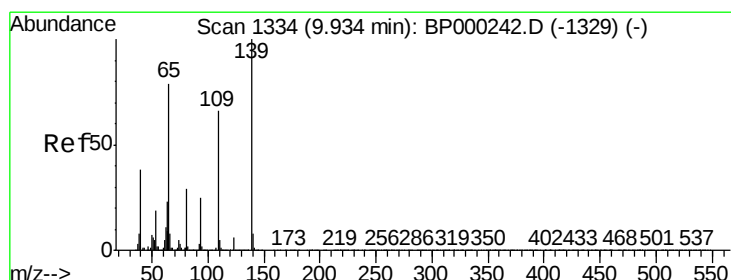
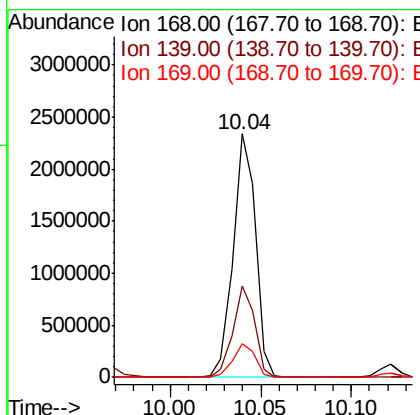
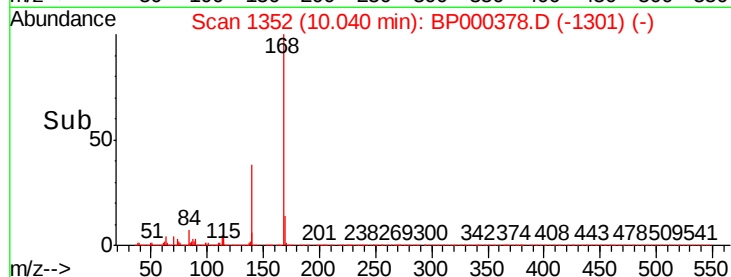
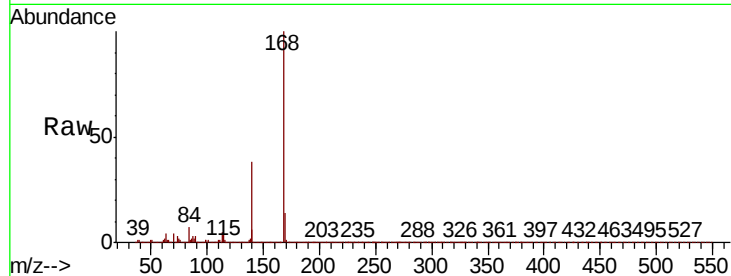
#55
Dibenzofuran
Concen: 48.754 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.0	45.0
169	13.9	11.0	16.6

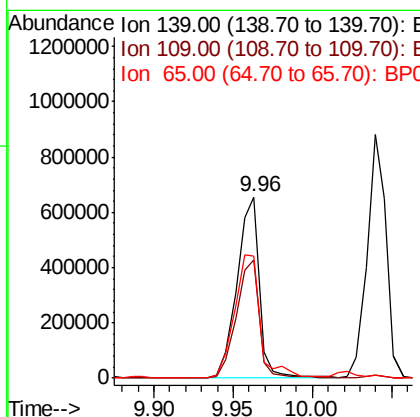
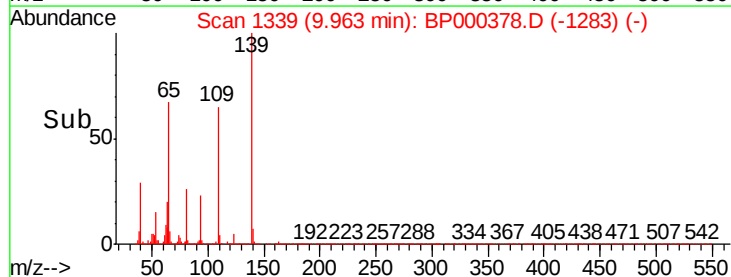
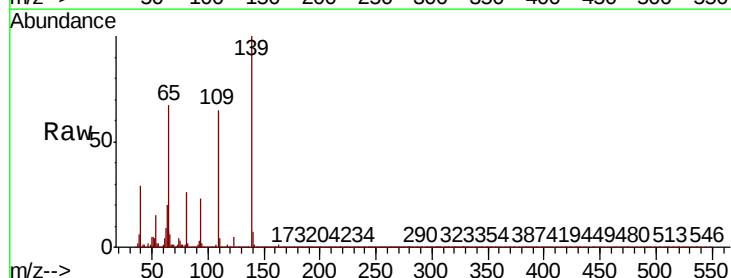
Manual Integrations
APPROVED

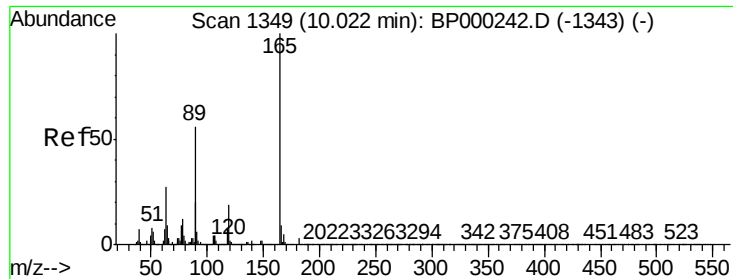
mohammad
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#56
4-Nitrophenol
Concen: 93.352 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.03 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.4	46.2	86.2
65	67.0	59.4	99.4





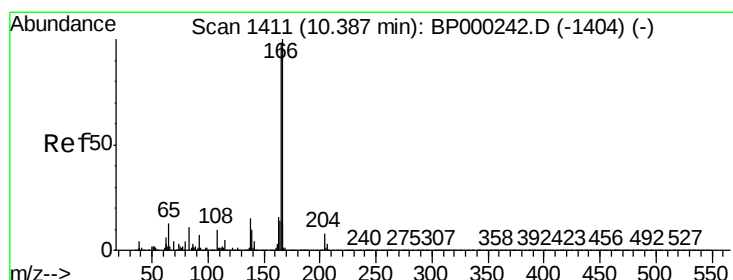
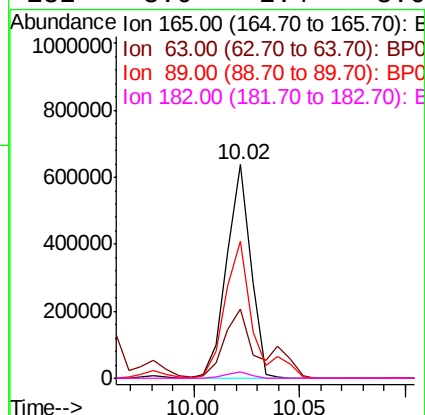
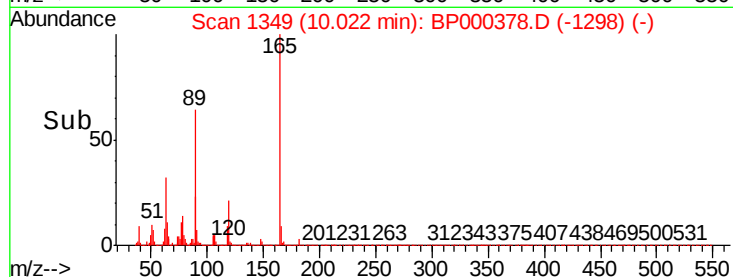
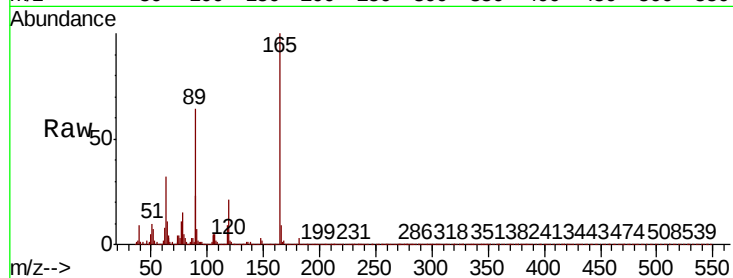
#57
2,4-Dinitrotoluene
Concen: 48.199 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		500248		
63	32.2	21.7	32.5		
89	64.2	45.0	67.6		
182	3.0	2.4	3.6		

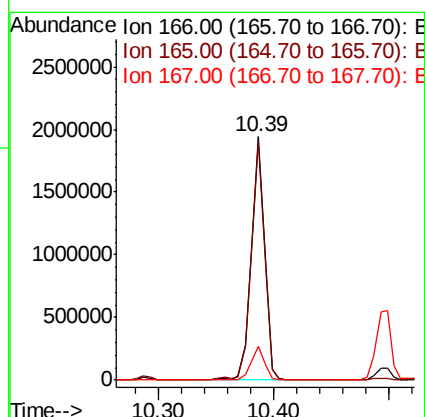
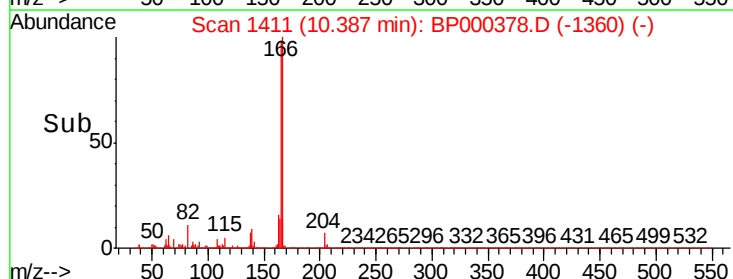
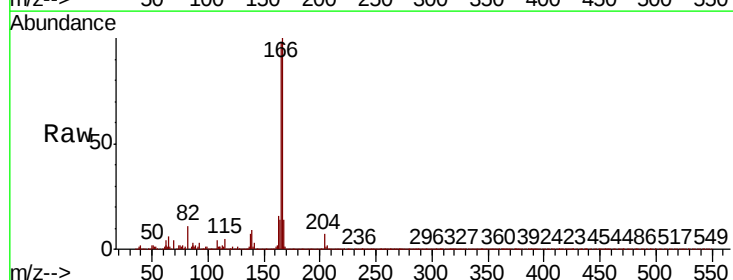
Manual Integrations
APPROVED

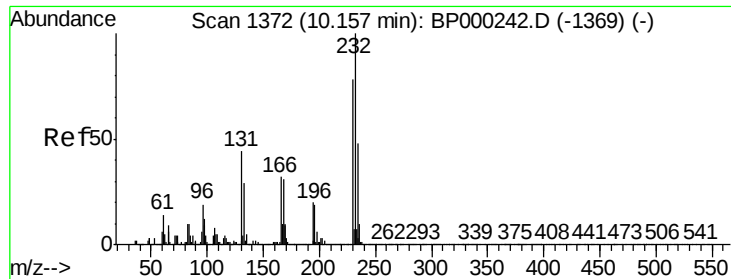
mohammad
9/24/2019 2:38:59 PM



#58
Fluorene
Concen: 48.638 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1549281		
165	98.0	78.2	117.2		
167	13.7	10.7	16.1		





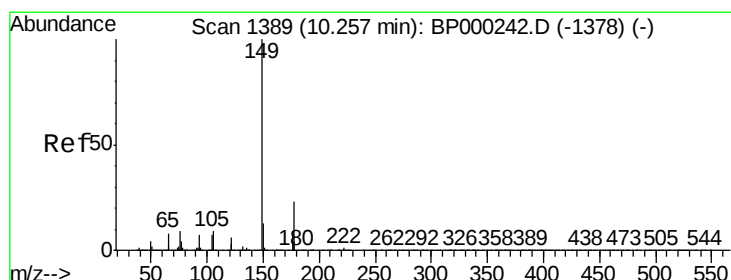
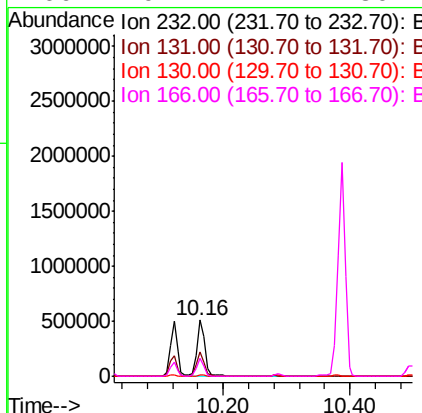
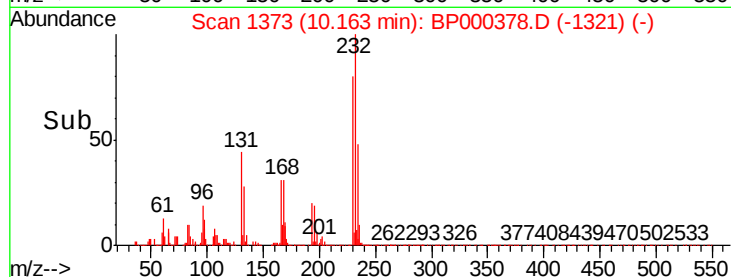
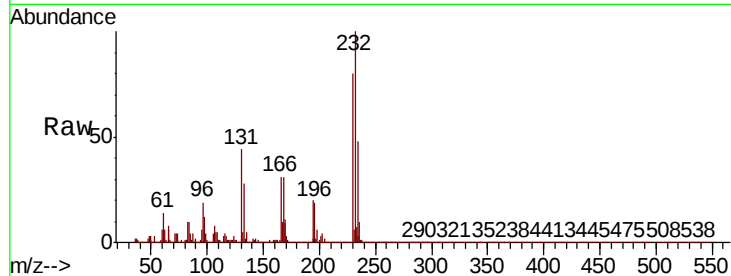
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.500 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.01 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	437296		
131	41.1	33.6	50.4	
130	2.1	1.8	2.6	
166	29.1	24.2	36.2	

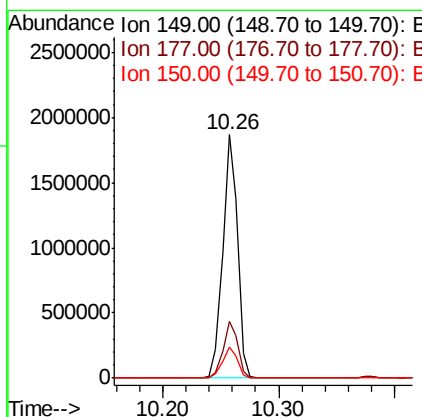
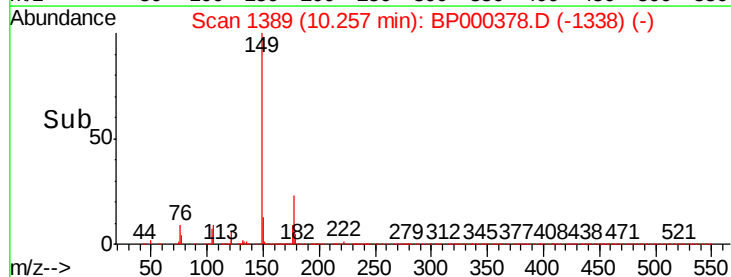
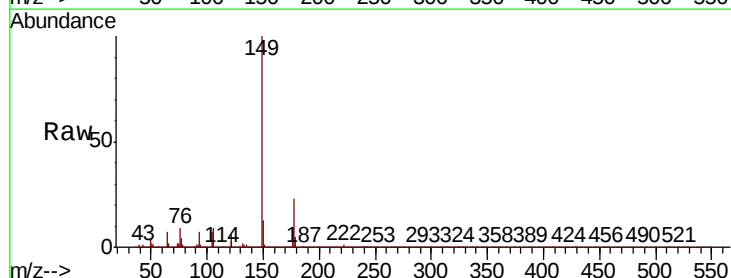
Manual Integrations
APPROVED

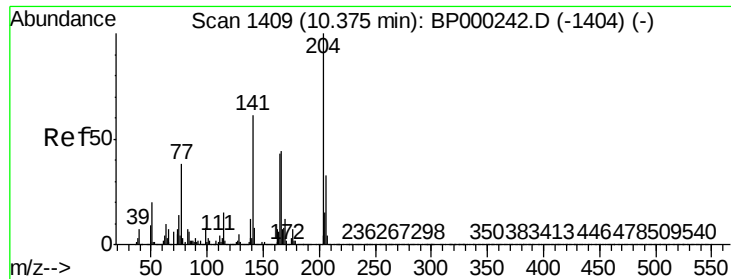
mohammad
9/24/2019 2:38:59 PM



#60
Diethylphthalate
Concen: 47.416 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1646914		
177	23.2	18.1	27.1	
150	12.8	10.3	15.5	





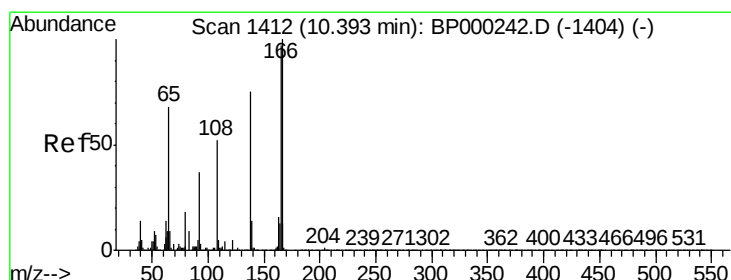
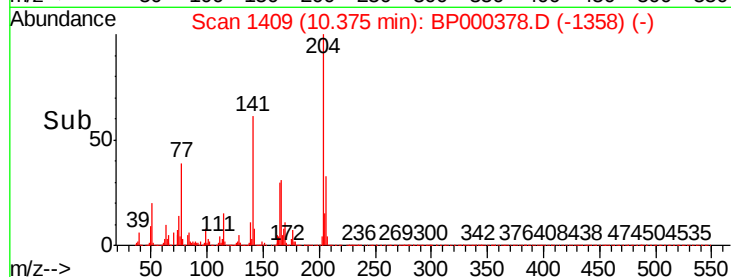
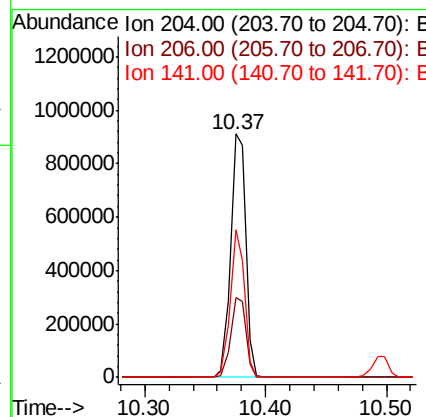
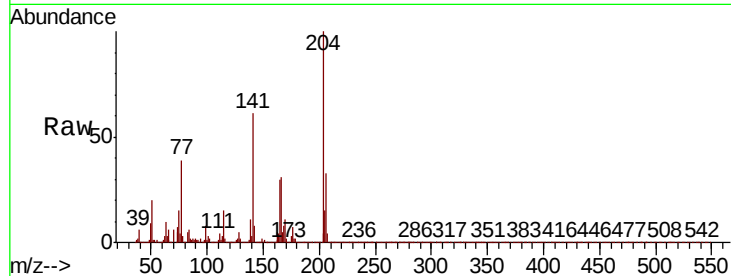
#61
4-Chlorophenyl-phenylether
Concen: 48.285 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	789505		
206	32.8	26.3	39.5	
141	60.7	48.6	72.8	

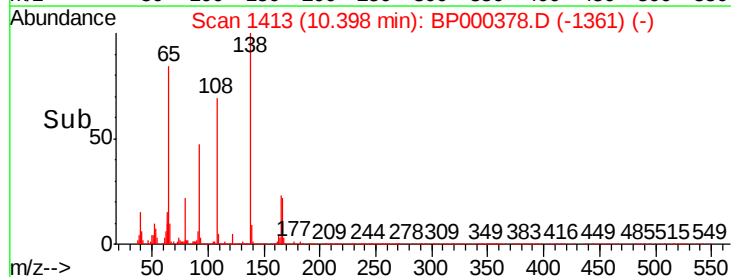
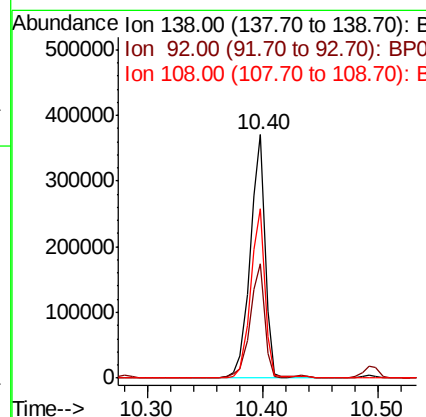
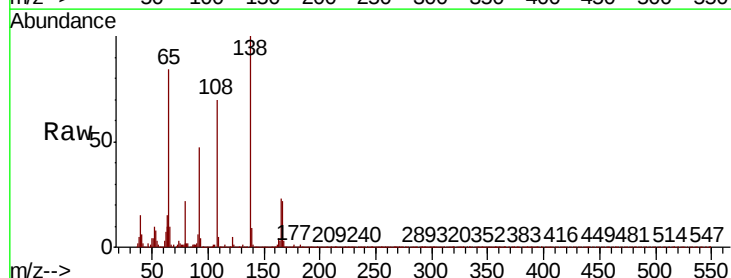
Manual Integrations
APPROVED

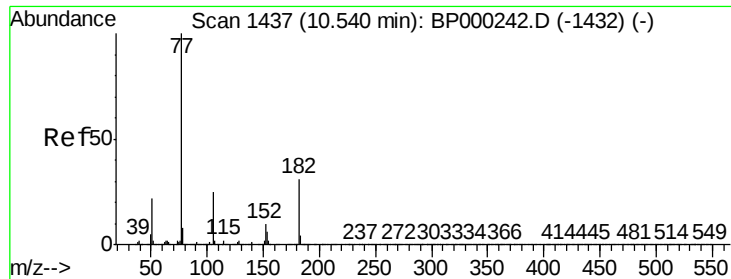
mohammad
9/24/2019 2:38:59 PM



#62
4-Nitroaniline
Concen: 36.467 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	330540		
92	47.0	30.1	70.1	
108	69.5	49.5	89.5	





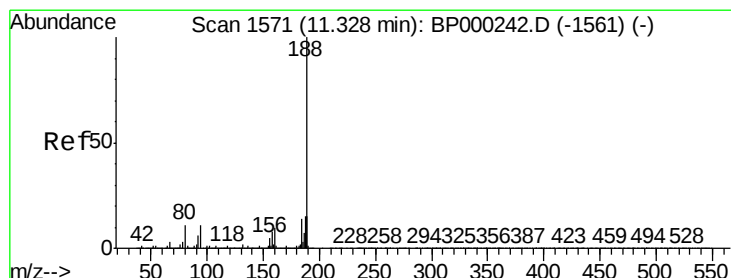
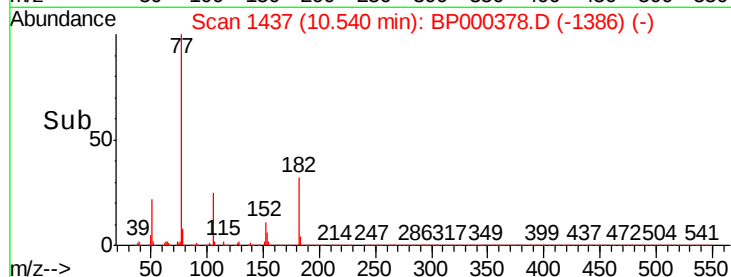
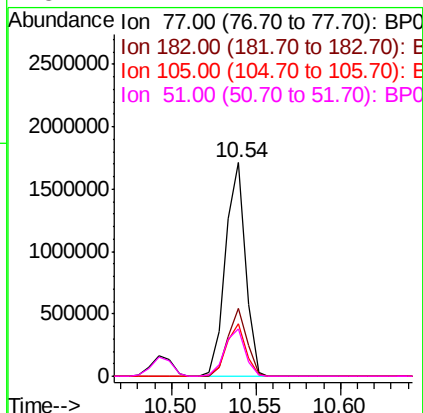
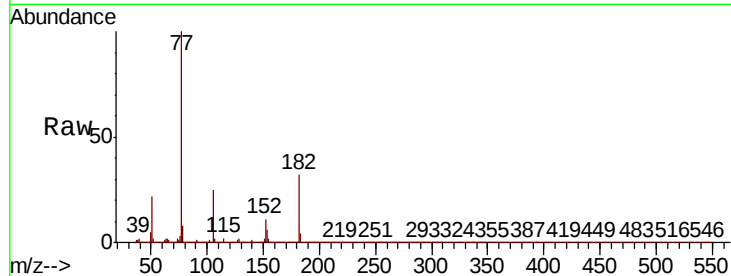
#63
Azobenzene
Concen: 47.604 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MS

Tot Ion	77	Resp	1400825
Ion	Ratio	Lower	Upper
77	100		
182	31.9	11.1	51.1
105	24.7	4.7	44.7
51	22.2	2.2	42.2

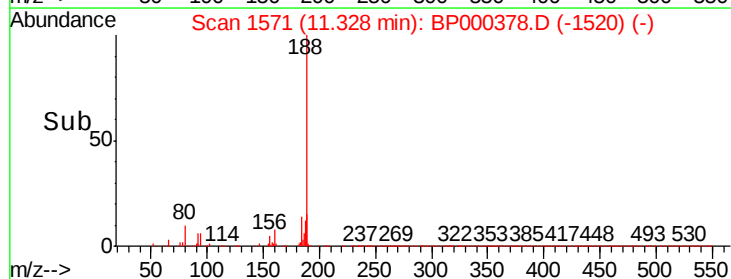
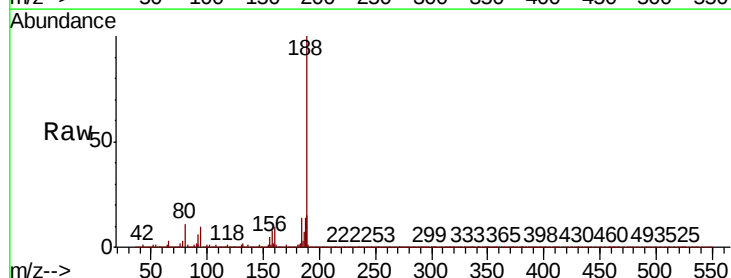
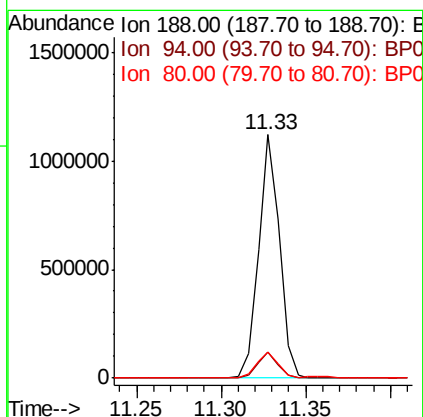
Manual Integrations
APPROVED

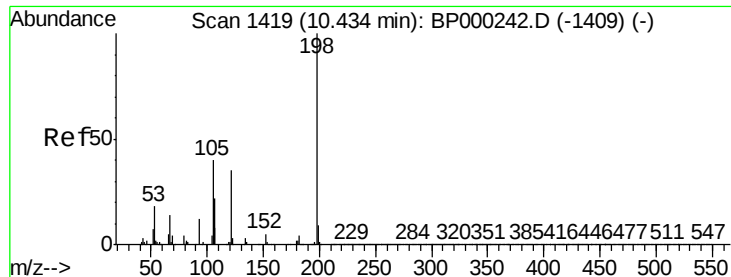
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Tgt Ion	188	Resp	965241
Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	10.7	8.6	13.0





#65

4,6-Dinitro-2-methylphenol

Concen: 26.824 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BP000378.D

Acq: 23 Sep 2019 22:18

Instrument :

BNA_P

ClientSampleId :

SAND-STOCKPILE-1MS

Tot Ion:198 Resp: 121743

Ion Ratio Lower Upper

198 100

51 31.7 7.4 47.4

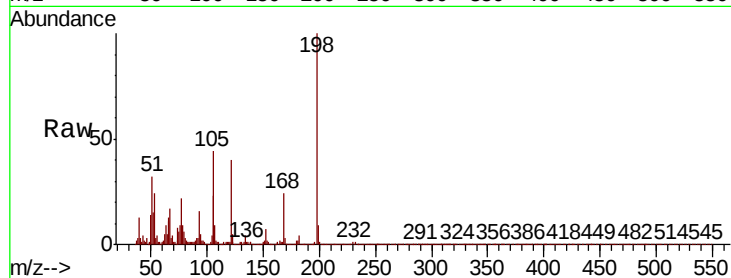
105 43.8 20.2 60.2

Manual Integrations

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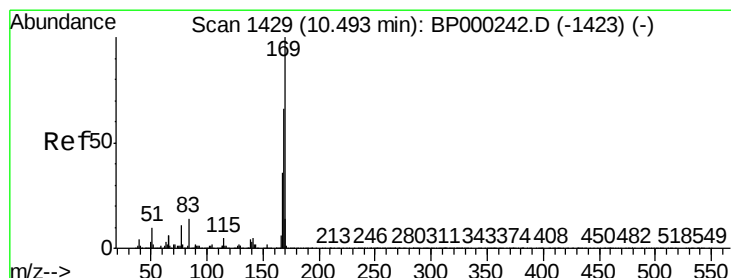
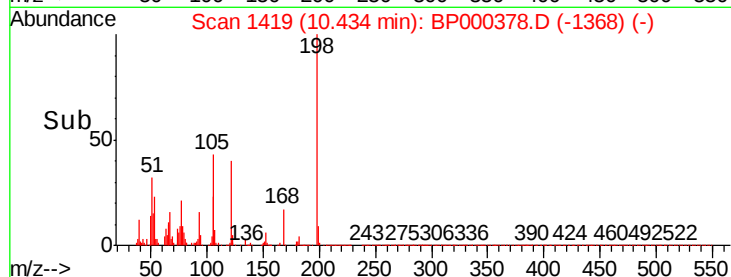
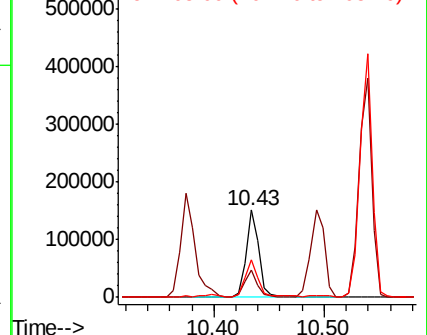
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 48.109 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BP000378.D

Acq: 23 Sep 2019 22:18

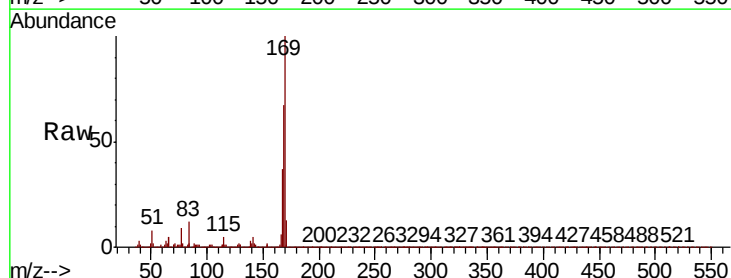
Tgt Ion:169 Resp: 1397924

Ion Ratio Lower Upper

169 100

168 66.9 52.9 79.3

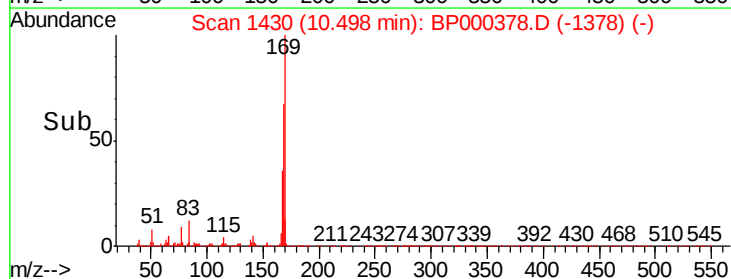
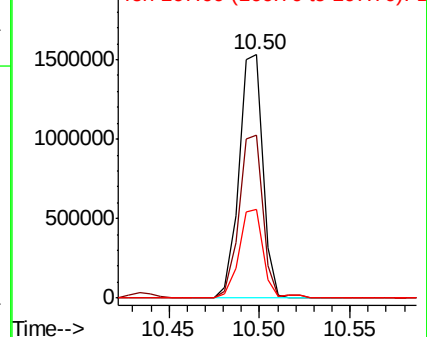
167 36.5 29.0 43.6

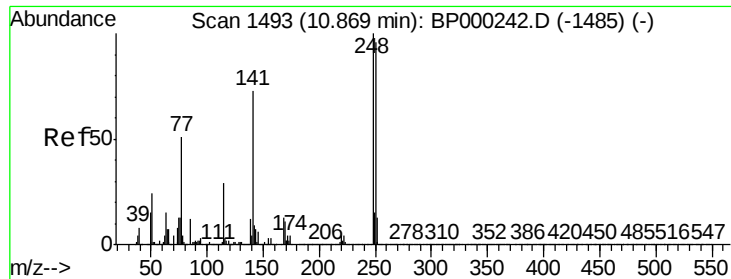


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





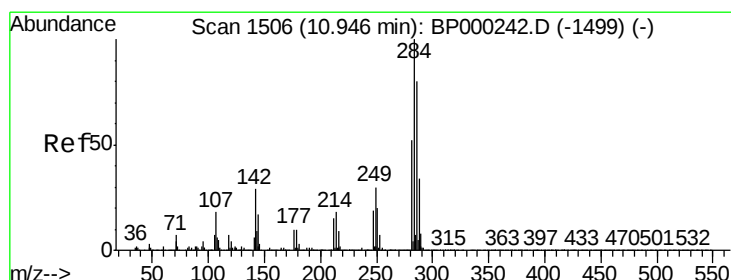
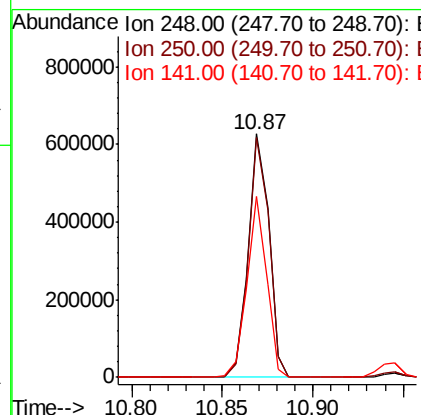
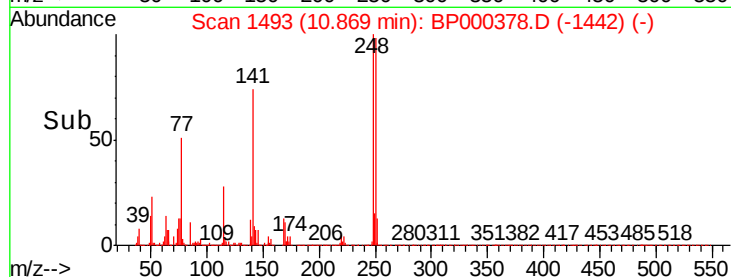
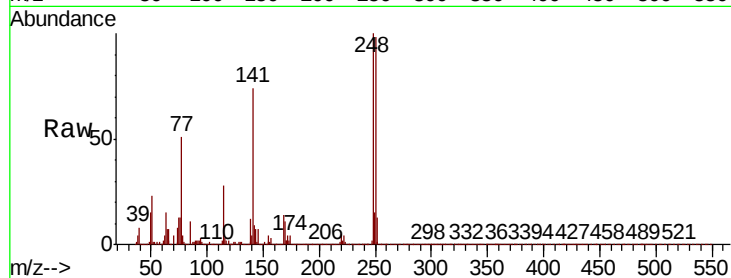
#67
4-Bromophenyl-phenylether
Concen: 45.702 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MS

Tot Ion:	248	Resp:	498843
Ion Ratio	Lower	Upper	
248	100		
250	98.4	77.0	115.4
141	74.4	58.5	87.7

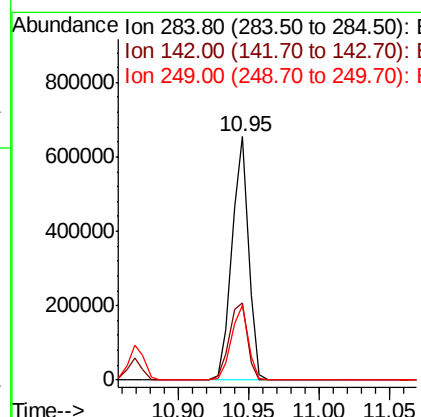
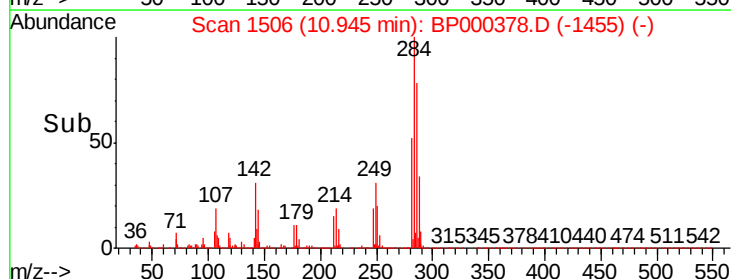
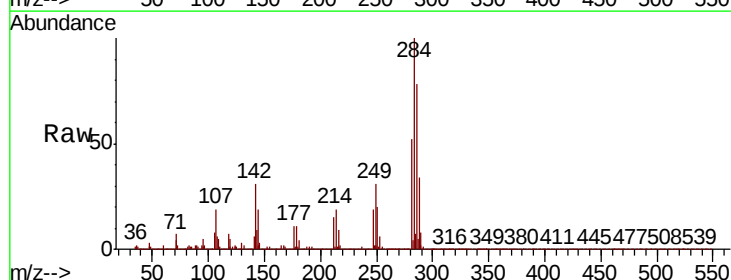
Manual Integrations
APPROVED

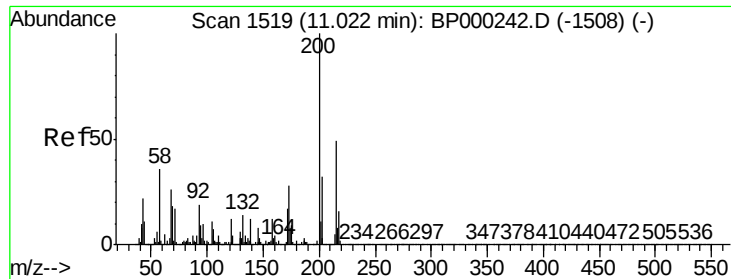
mohammad
9/24/2019 2:38:59 PM



#68
Hexachlorobenzene
Concen: 44.794 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Tgt Ion:	284	Resp:	534520
Ion Ratio	Lower	Upper	
284	100		
142	31.5	23.6	35.4
249	30.7	24.3	36.5





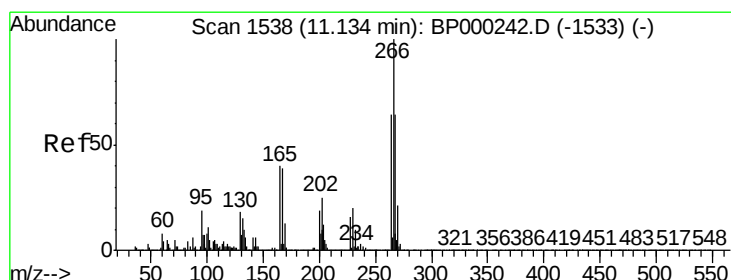
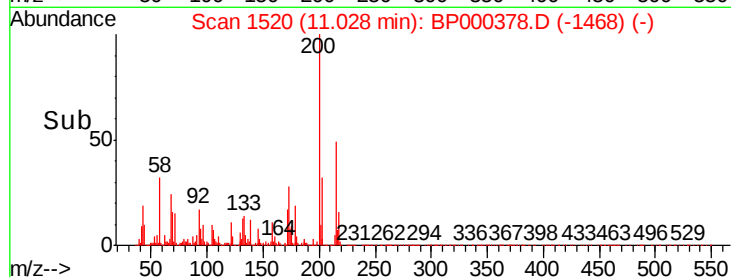
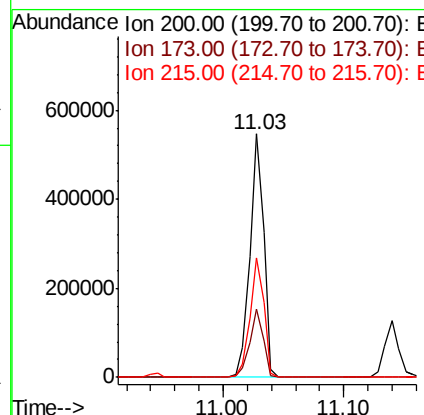
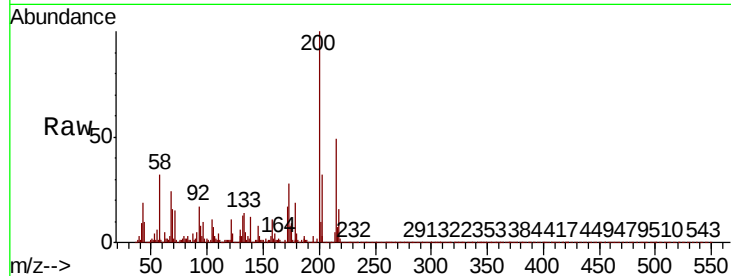
#69
Atrazine
Concen: Below Cal
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.8	7.6	47.6
215	49.2	28.6	68.6

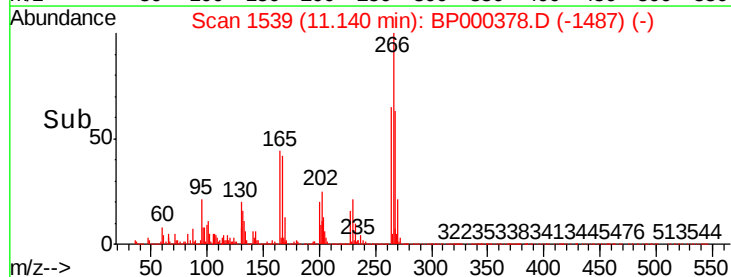
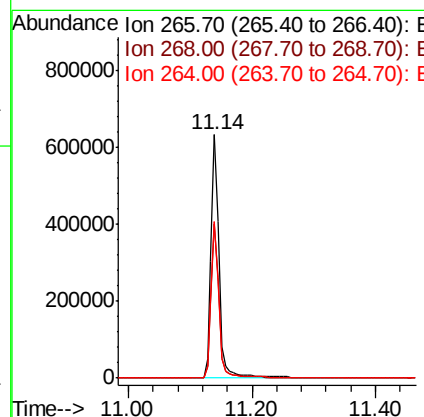
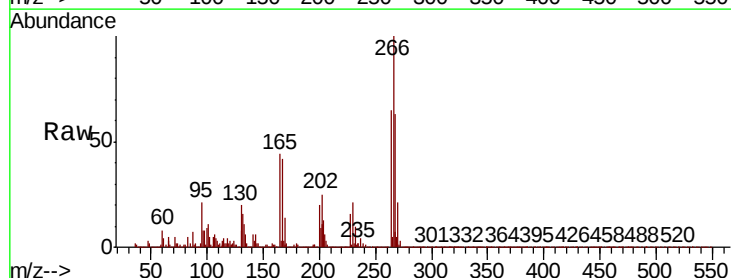
Manual Integrations
APPROVED

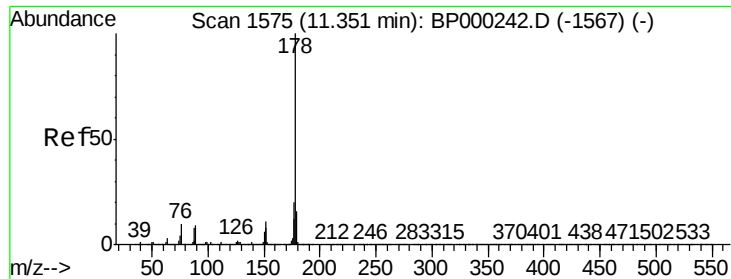
mohammad
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#70
Pentachlorophenol
Concen: 89.616 ng
RT: 11.14 min Scan# 1539
Delta R.T. 0.01 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.6	77.4
264	64.5	50.8	76.2





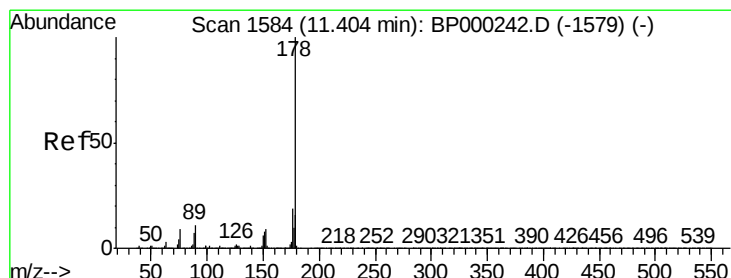
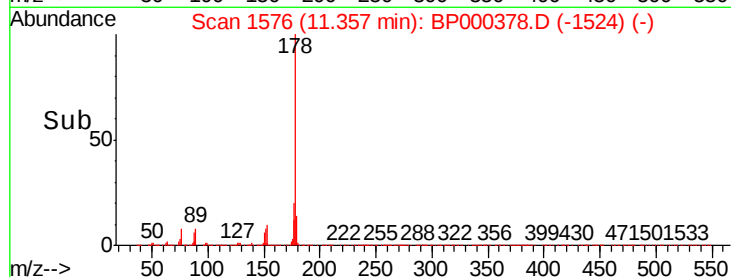
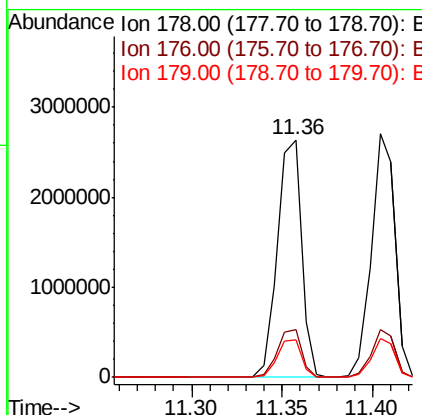
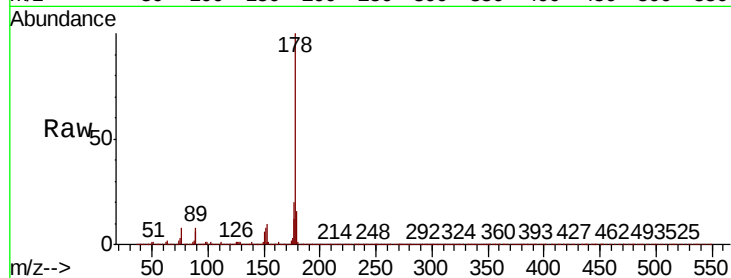
#71
Phenanthrene
Concen: 50.644 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.01 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.6	12.7	19.1

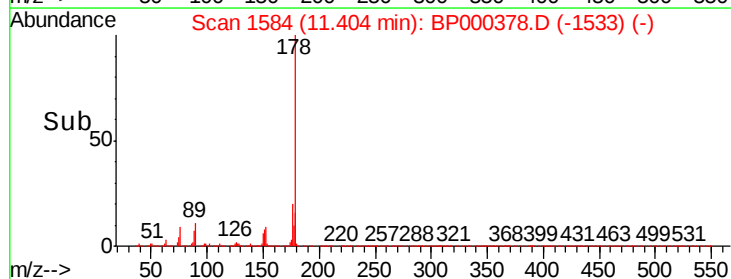
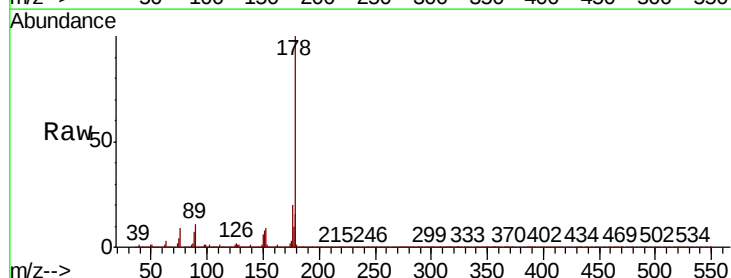
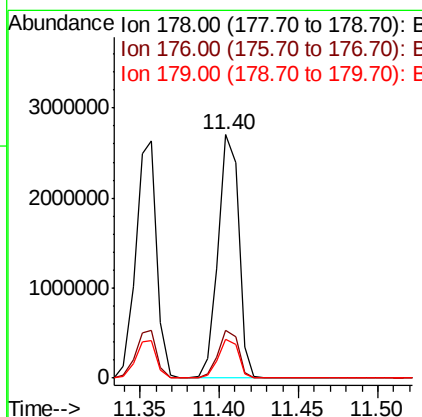
Manual Integrations
APPROVED

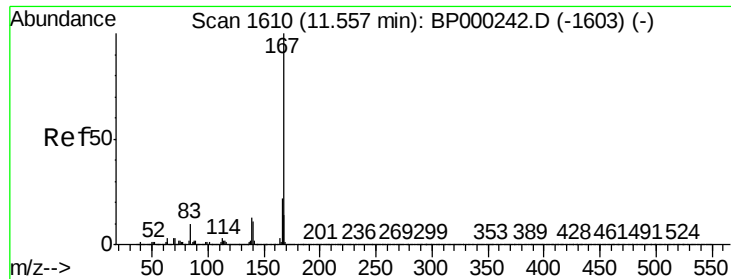
mohammad
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#72
Anthracene
Concen: 49.025 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.0
179	16.1	12.7	19.1





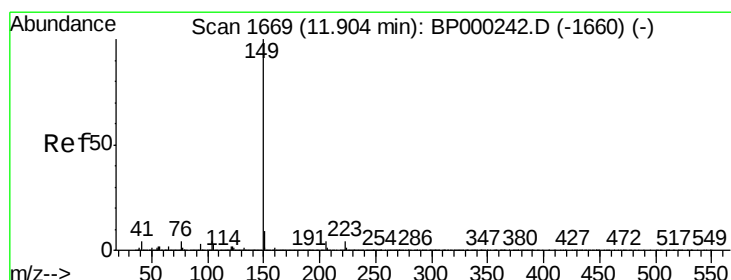
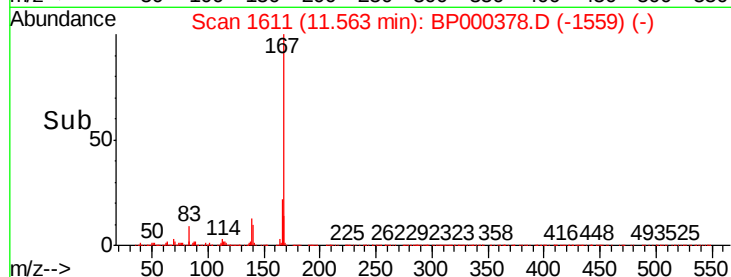
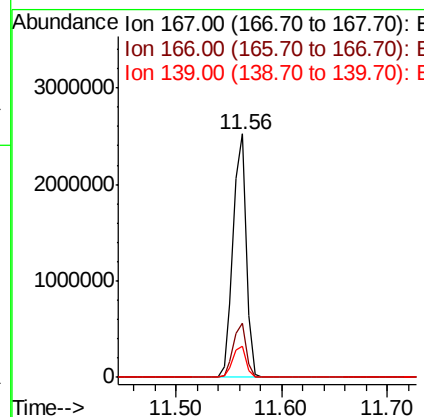
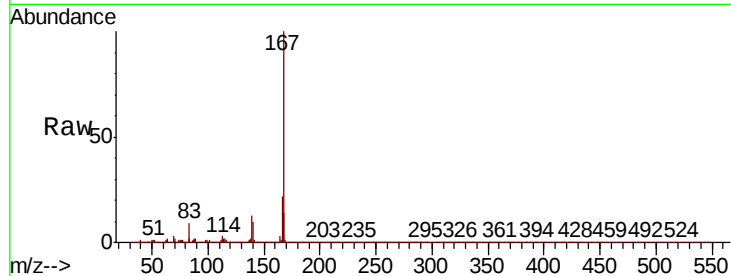
#73
 Carbazole
 Concen: 48.606 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.01 min
 Lab File: BP000378.D
 Acq: 23 Sep 2019 22:18

Instrument :
 BNA_P
 ClientSampleId :
 SAND-STOCKPILE-1MS

Tot Ion:167 Resp: 2179433
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.8
 139 12.9 10.8 16.2

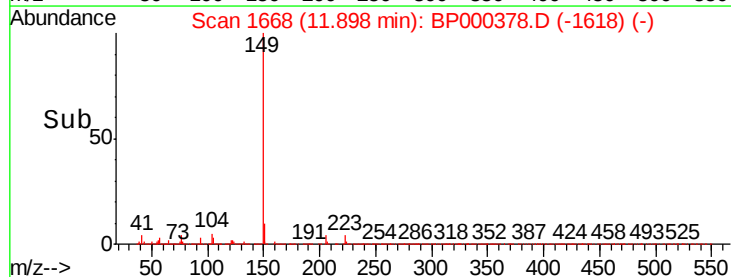
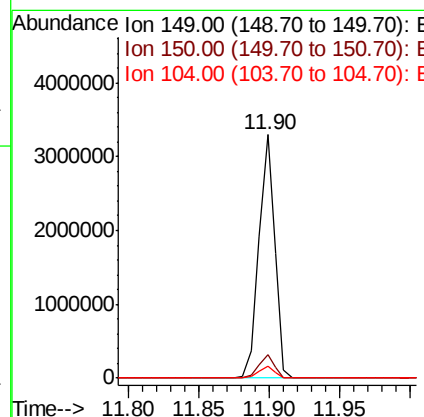
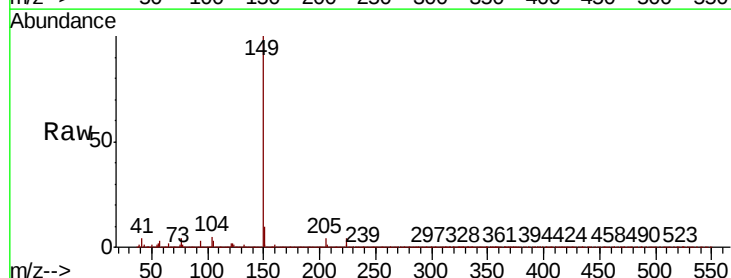
Manual Integrations
 APPROVED

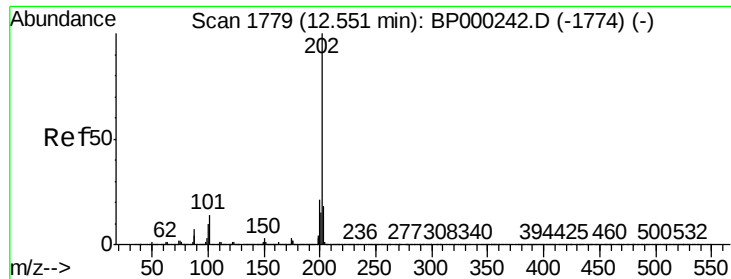
mohammad
 9/24/2019 2:38:59 PM



#74
 Di-n-butylphthalate
 Concen: 46.224 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BP000378.D
 Acq: 23 Sep 2019 22:18

Tgt Ion:149 Resp: 2623434
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.4 11.2
 104 4.9 3.5 5.3





#75

Fluoranthene

Concen: 53.611 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.01 min

Lab File: BP000378.D

Acq: 23 Sep 2019 22:18

Instrument :

BNA_P

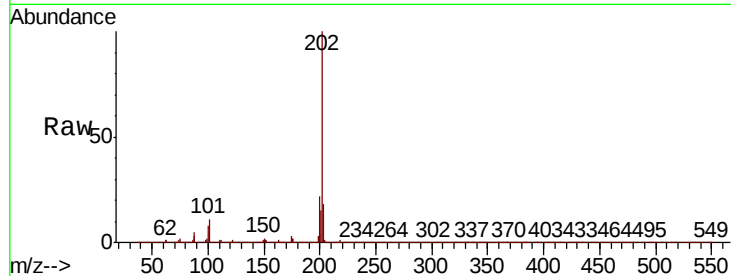
ClientSampleId :

SAND-STOCKPILE-1MS

Tot Ion:	202	Resp:	2784535
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	33.9
203	18.3	0.0	38.0

Manual Integrations
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9/24/2019 2:38:59 PM

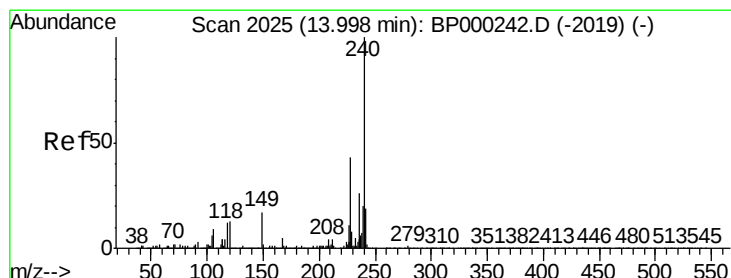
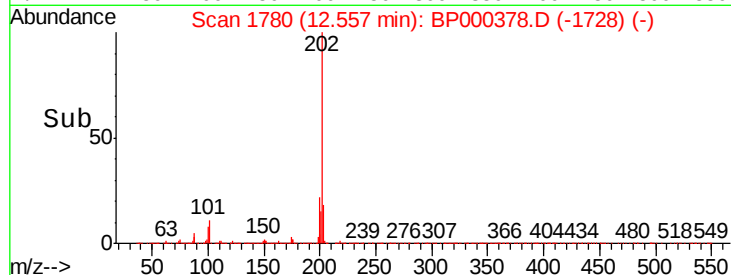
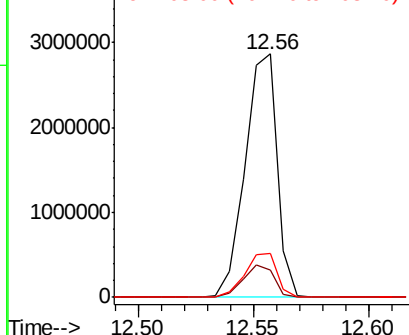


Abundance

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

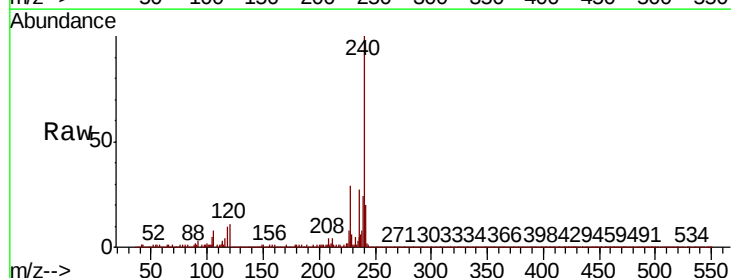
RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BP000378.D

Acq: 23 Sep 2019 22:18

Tgt Ion:	240	Resp:	737579
Ion Ratio	Lower	Upper	
240	100		
120	11.4	10.4	15.6
236	26.5	21.0	31.6

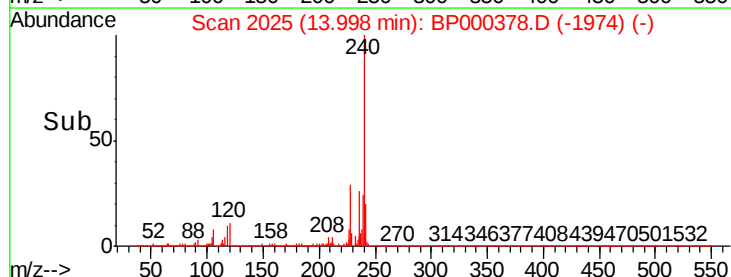
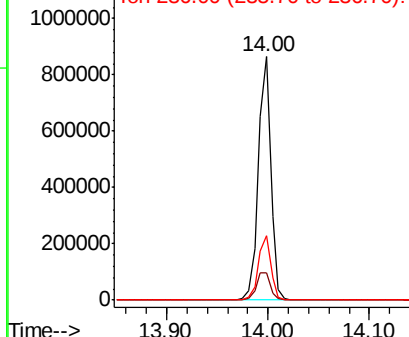


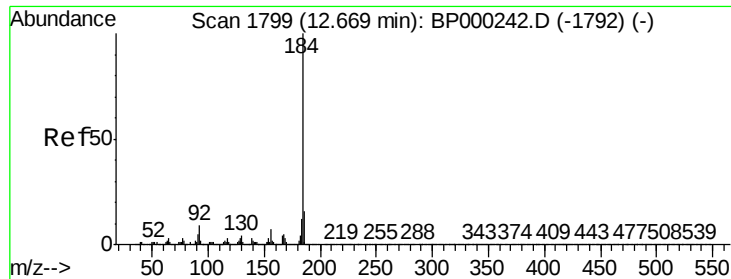
Abundance

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





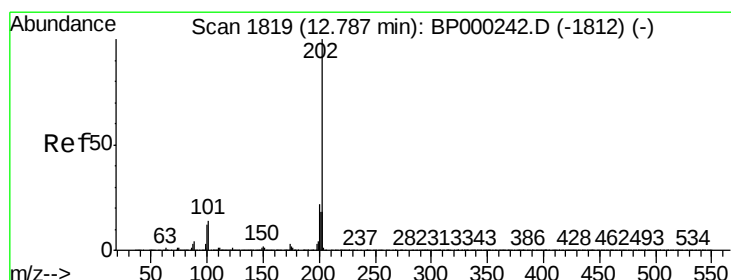
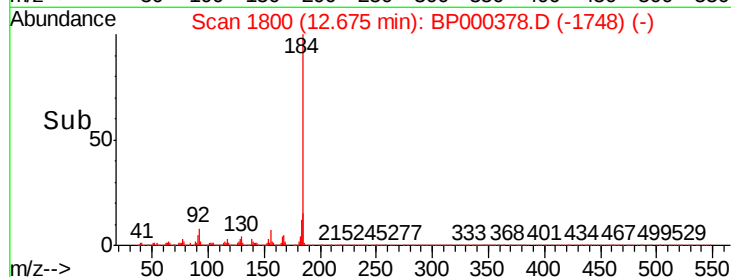
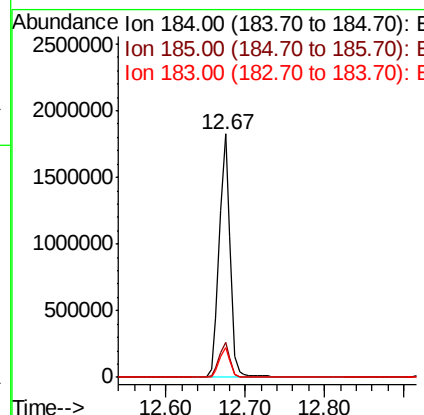
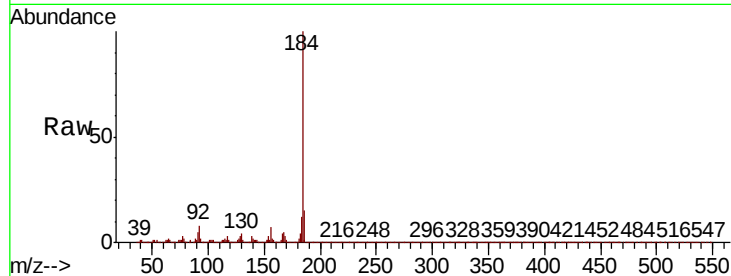
#77
Benzidine
Concen: 66.582 ng
RT: 12.67 min Scan# 1800
Delta R.T. 0.01 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.7	19.1
183	12.1	9.5	14.3

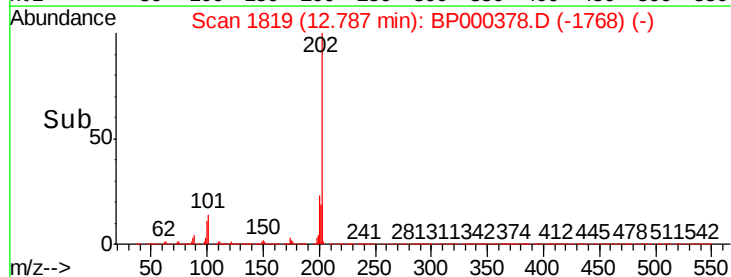
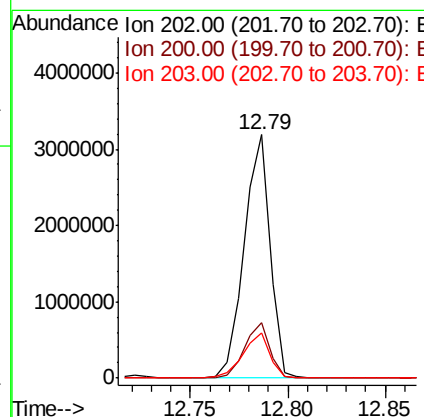
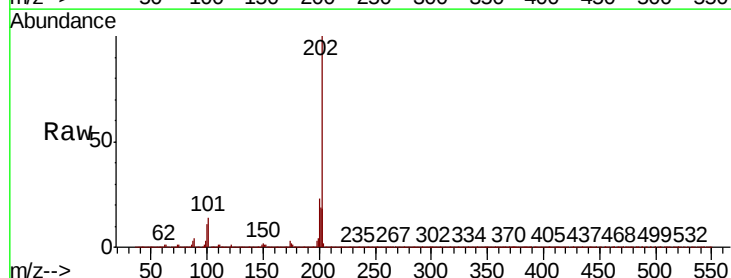
Manual Integrations
APPROVED

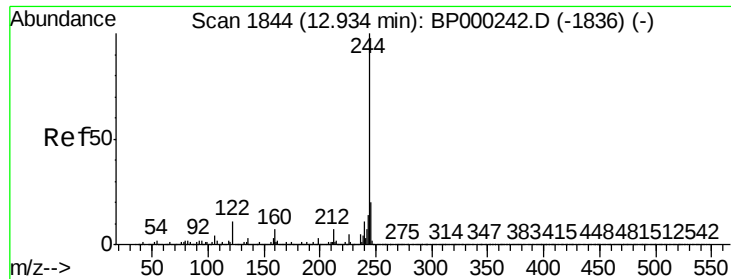
mohammad
9/24/2019 2:38:59 PM



#78
Pyrene
Concen: 53.163 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.00 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.5	26.3
203	18.3	14.3	21.5





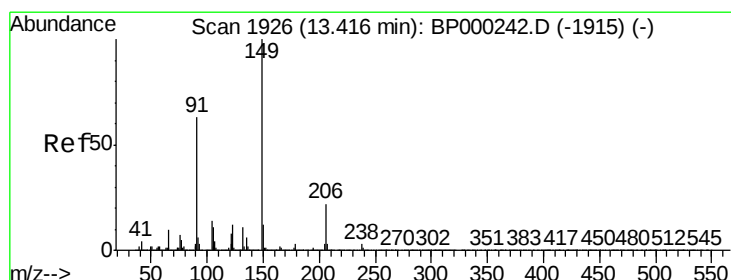
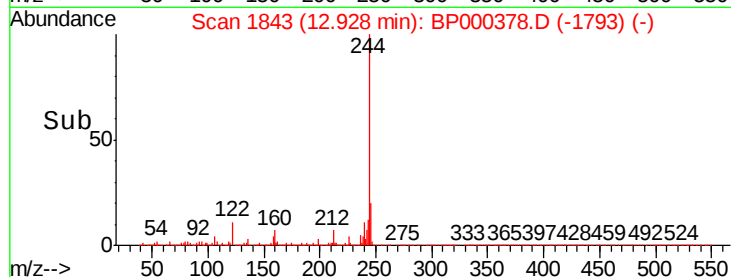
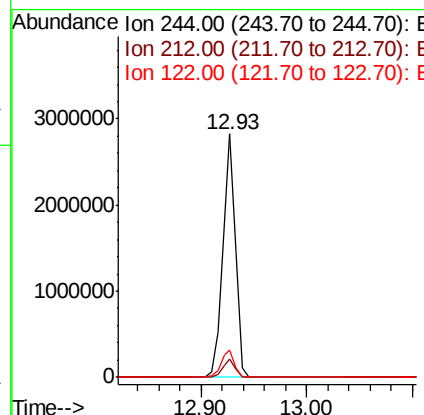
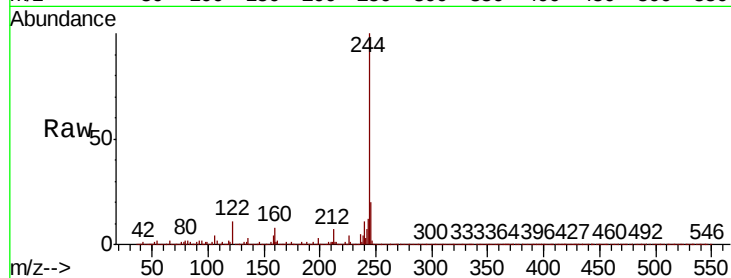
#79
 Terphenyl-d14
 Concen: 68.345 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BP000378.D
 Acq: 23 Sep 2019 22:18

Instrument :
 BNA_P
 ClientSampleId :
 SAND-STOCKPILE-1MS

Tot Ion:244 Resp: 2402940
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 11.4 9.0 13.4

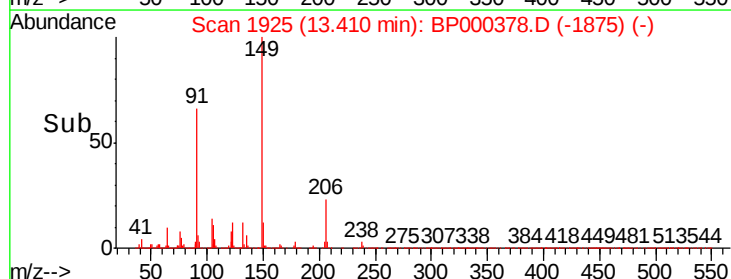
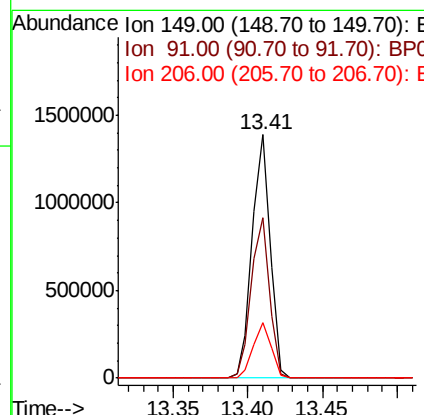
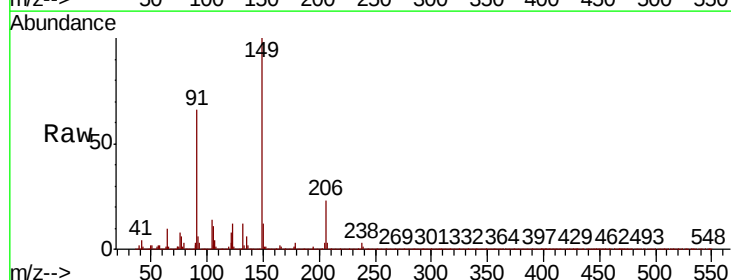
Manual Integrations
 APPROVED

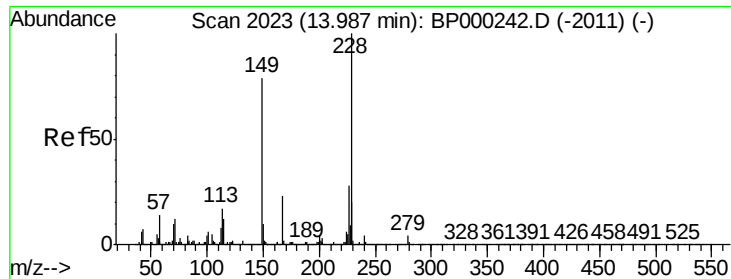
mohammad
 9/24/2019 2:38:59 PM



#80
 Butylbenzylphthalate
 Concen: 45.698 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BP000378.D
 Acq: 23 Sep 2019 22:18

Tgt Ion:149 Resp: 1158746
 Ion Ratio Lower Upper
 149 100
 91 65.9 50.6 76.0
 206 22.7 17.8 26.6





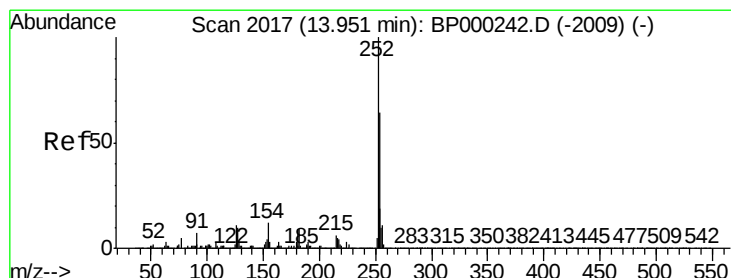
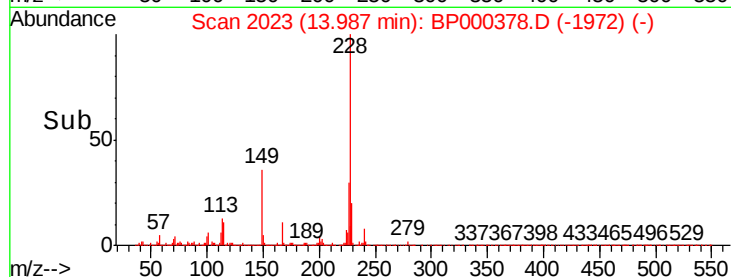
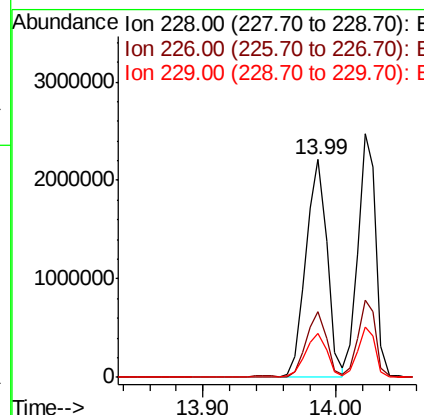
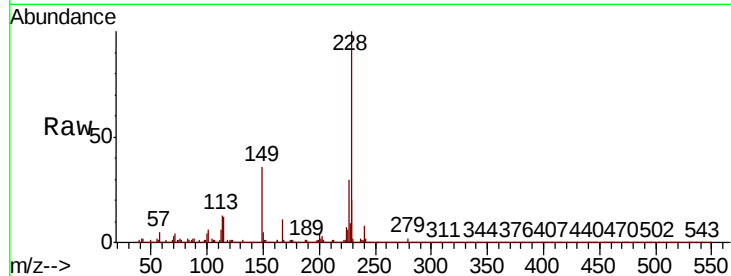
#81
Benzo(a)anthracene
Concen: 51.434 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.2	33.4
229	20.5	16.0	24.0

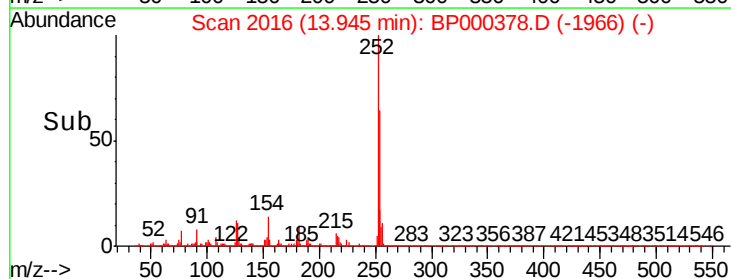
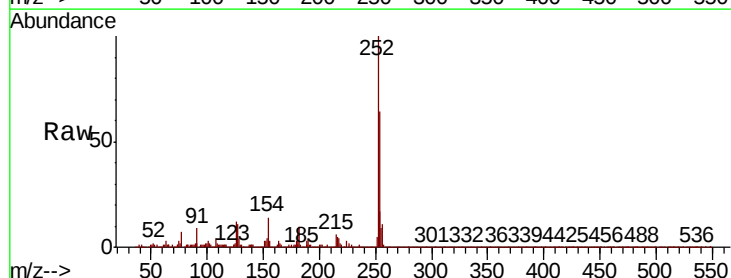
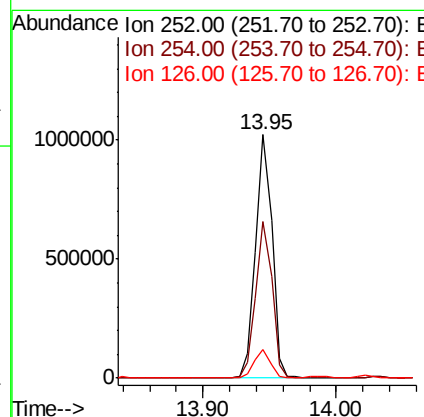
Manual Integrations
APPROVED

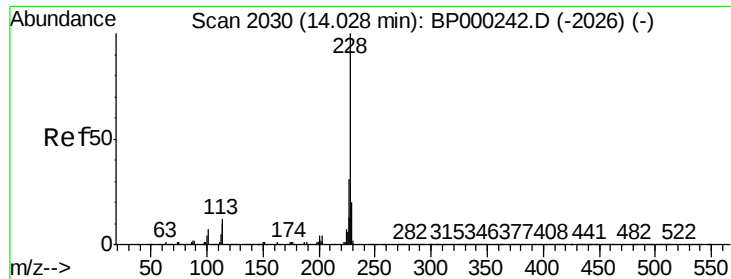
mohammad
9/24/2019 2:38:59 PM



#82
3,3'-Dichlorobenzidine
Concen: 45.870 ng
RT: 13.95 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.5	77.3
126	11.9	8.4	12.6





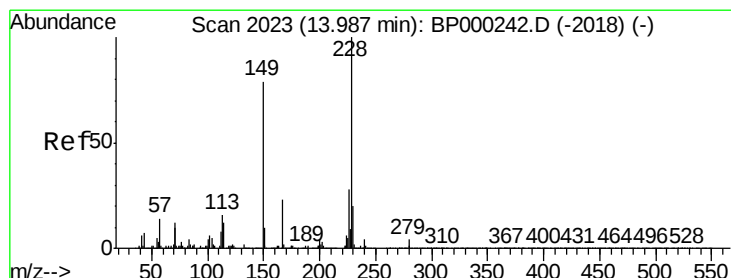
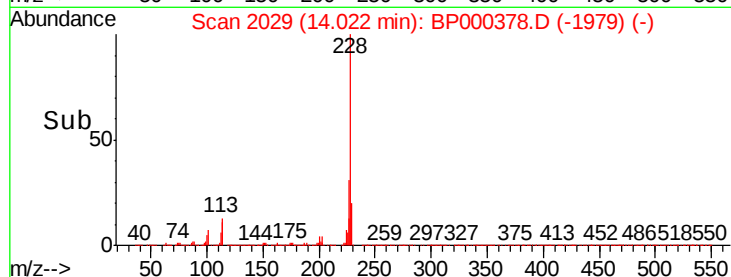
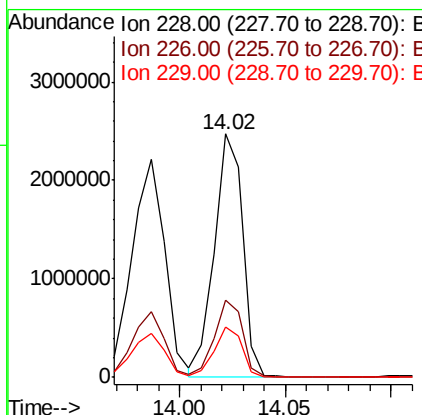
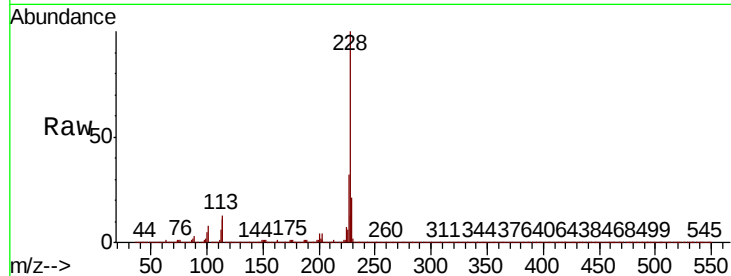
#83
Chrysene
Concen: 50.442 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.9	37.3
229	20.6	16.2	24.2

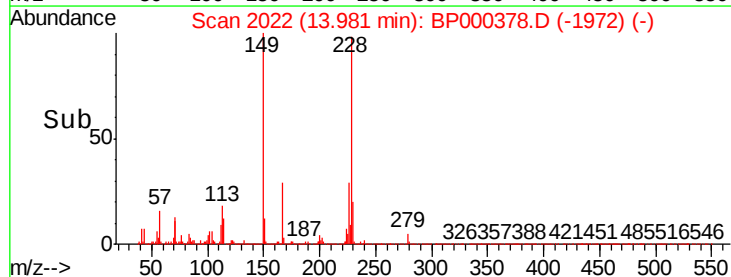
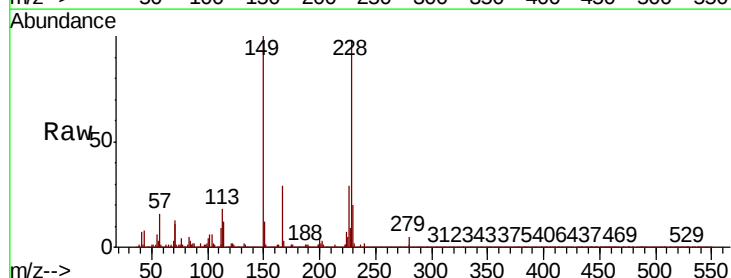
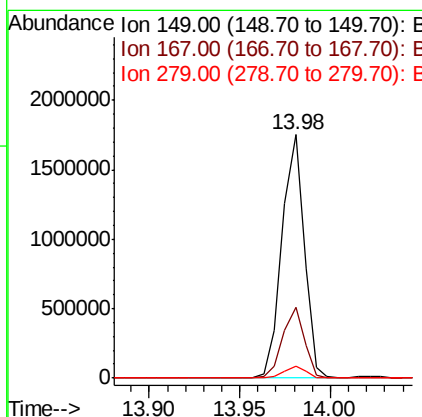
Manual Integrations
APPROVED

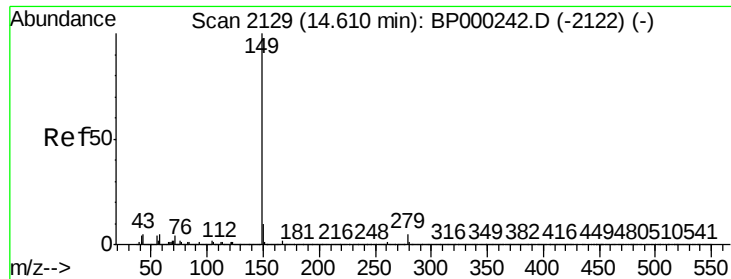
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 49.275 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.0	34.4
279	5.0	3.7	5.5





#85

Di-n-octyl phthalate

Concen: 48.059 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BP000378.D

Acq: 23 Sep 2019 22:18

Instrument :

BNA_P

ClientSampleId :

SAND-STOCKPILE-1MS

Tot Ion:149 Resp: 2711236

Ion Ratio Lower Upper

149 100

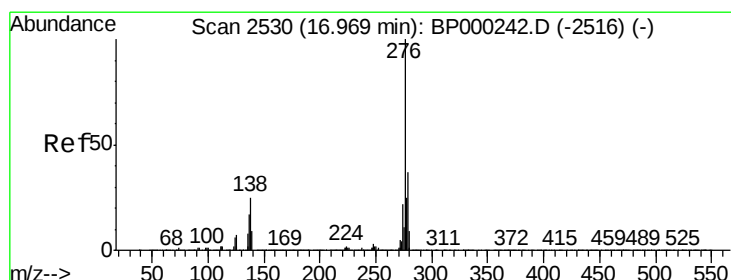
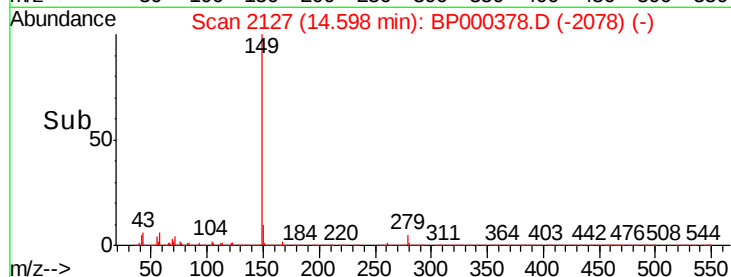
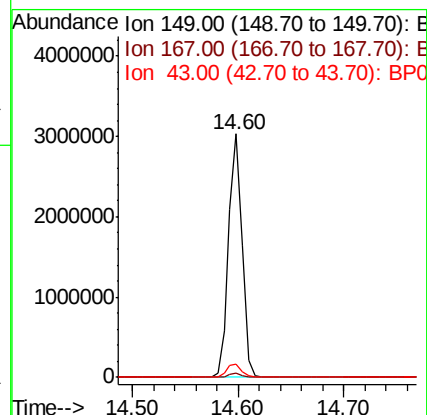
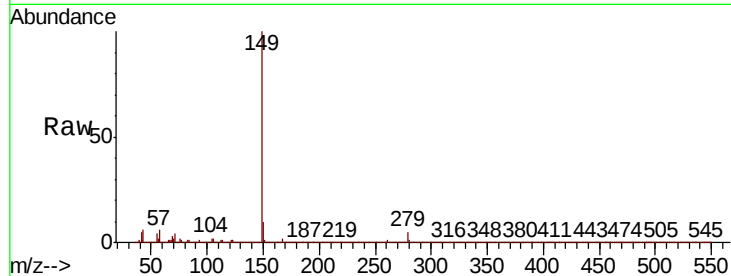
167 1.6 1.4 2.0

43 5.7 5.0 7.6

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 49.931 ng

RT: 16.97 min Scan# 2531

Delta R.T. 0.01 min

Lab File: BP000378.D

Acq: 23 Sep 2019 22:18

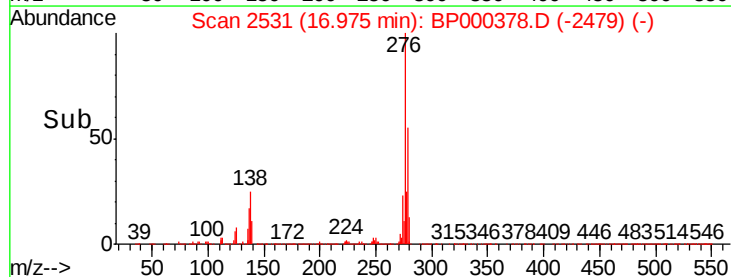
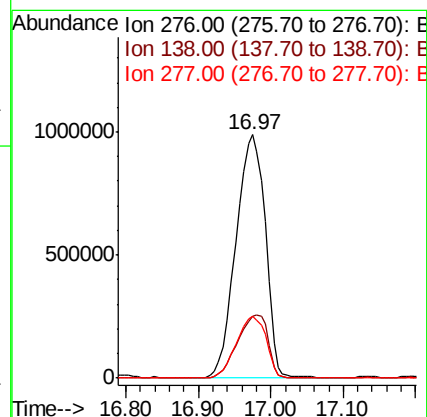
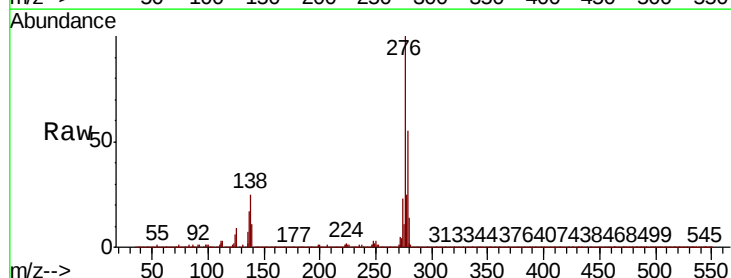
Tgt Ion:276 Resp: 2784194

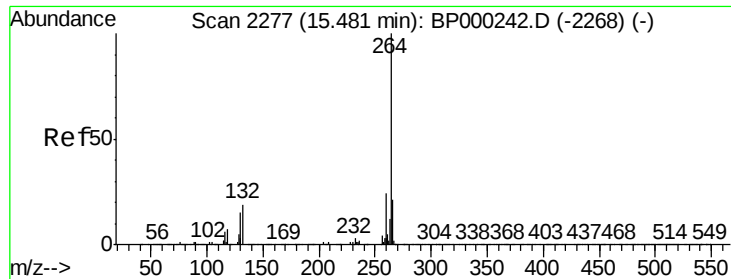
Ion Ratio Lower Upper

276 100

138 26.9 22.6 33.8

277 25.6 20.4 30.6





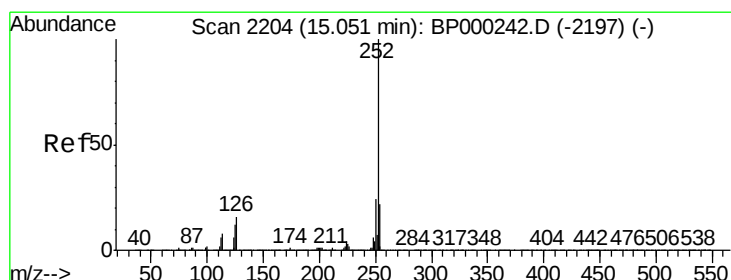
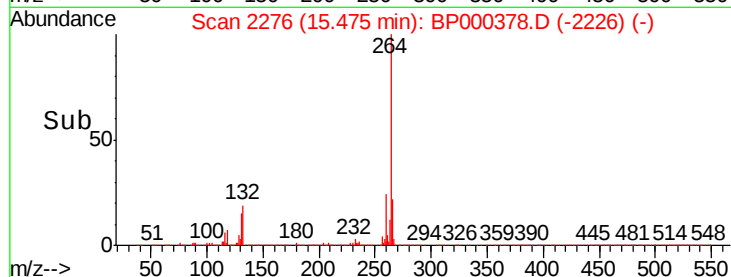
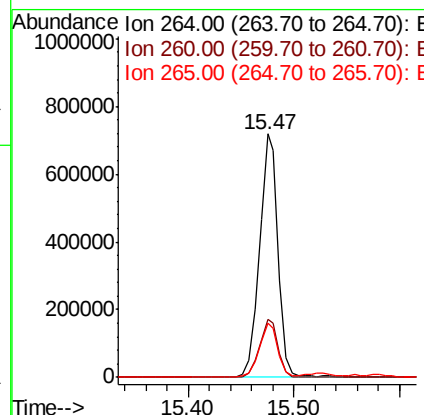
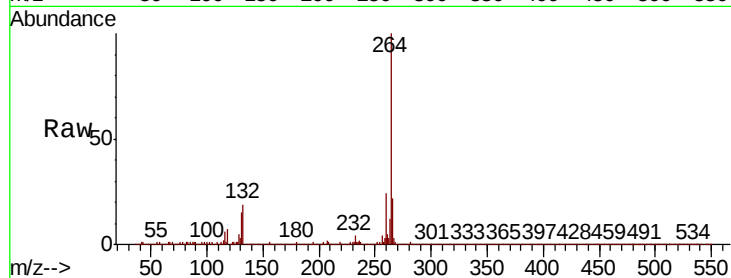
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MS

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	24.0	18.9	28.3
265	22.2	17.2	25.8

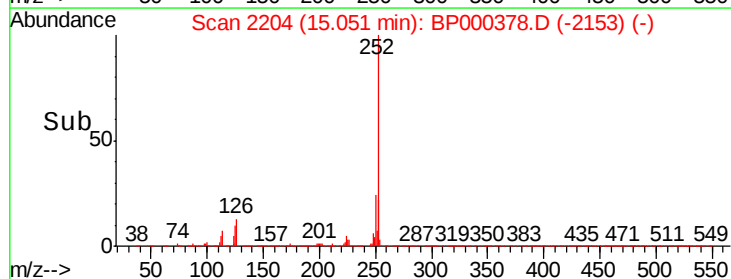
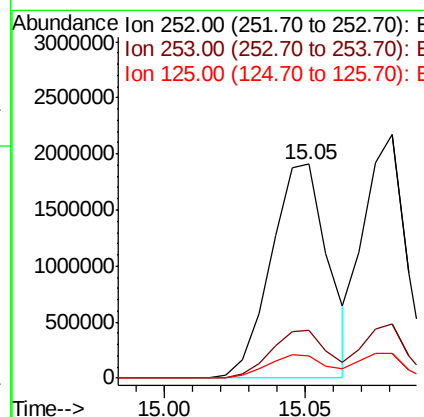
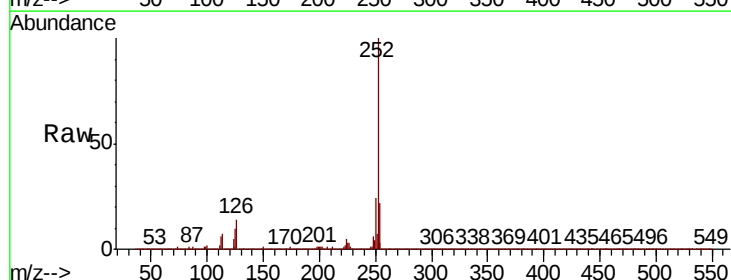
Manual Integrations
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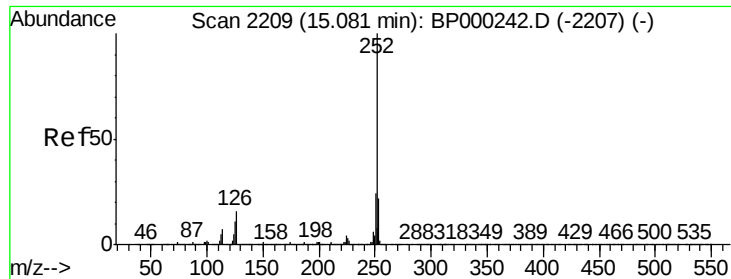
mohammad
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#88
Benzo(b)fluoranthene
Concen: 50.888 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.1	17.8	26.6
125	10.3	9.5	14.3





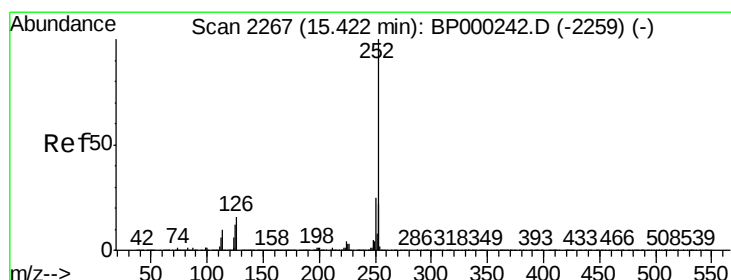
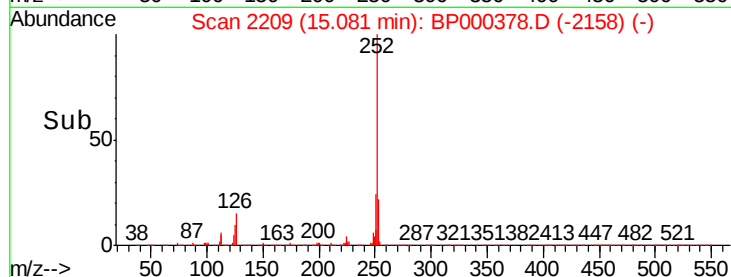
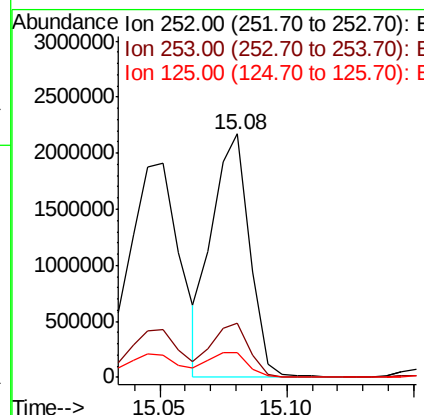
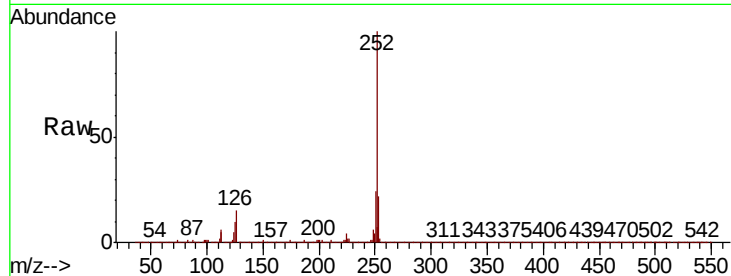
#89
Benzo(k)fluoranthene
Concen: 48.725 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	10.0	9.6	14.4

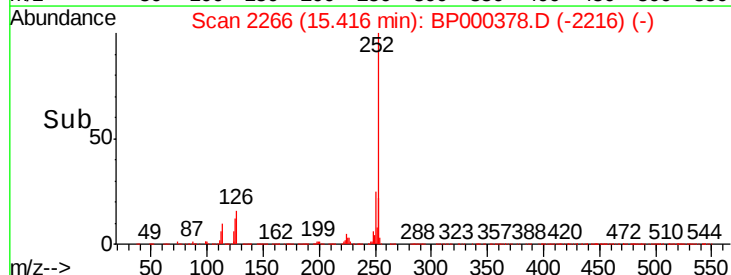
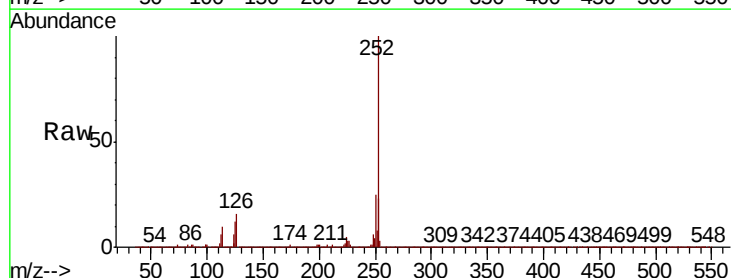
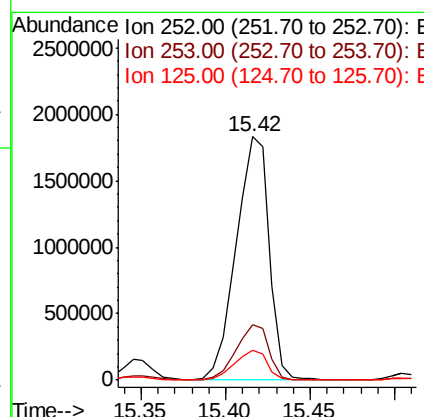
Manual Integrations
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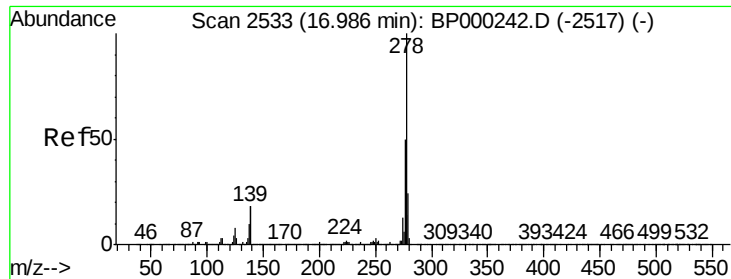
mohammad
9/24/2019 2:38:59 PM



#90
Benzo(a)pyrene
Concen: 51.810 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	12.3	10.0	15.0





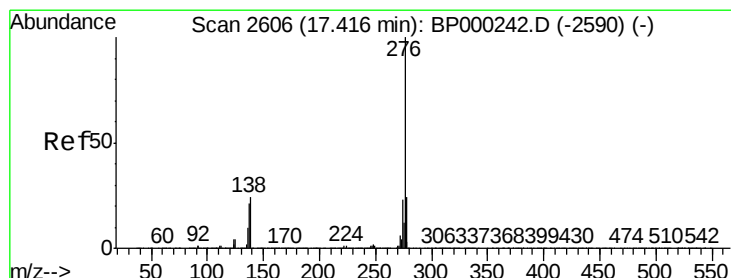
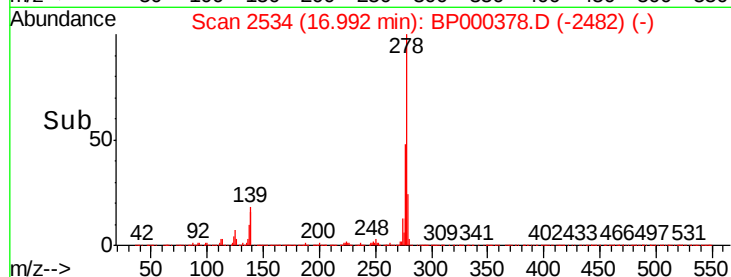
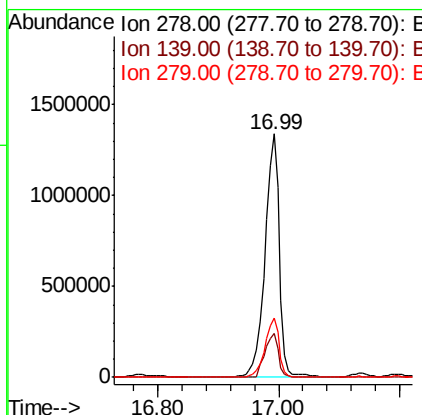
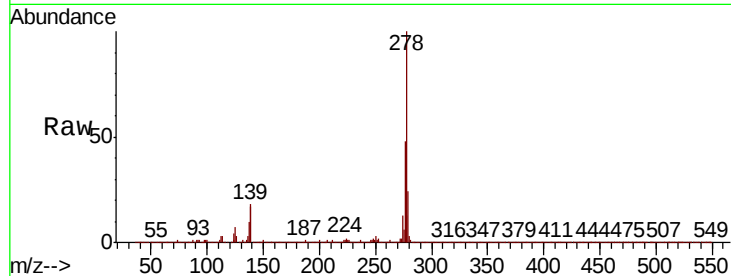
#91
Dibenzo(a,h)anthracene
Concen: 49.461 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.01 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.8	14.5	21.7
279	24.2	19.0	28.6

Manual Integrations
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mohammad
9/24/2019 2:38:59 PM



#92
Benzo(g,h,i)perylene
Concen: 51.091 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.01 min
Lab File: BP000378.D
Acq: 23 Sep 2019 22:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	23.4	19.5	29.3

