

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092319\
 Data File : BP000379.D
 Acq On : 23 Sep 2019 22:42
 Operator : HP/JU
 Sample : K4980-04MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SAND-STOCKPILE-1MSD

Quant Time: Sep 24 04:24:15 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	256099	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	931905	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	501734	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	931526	20.00	ng	0.00
76) Chrysene-d12	14.00	240	745731	20.00	ng	0.00
87) Perylene-d12	15.47	264	881268	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1501818	101.24	ng	0.02
7) Phenol-d6	6.43	99	1920414	105.61	ng	0.01
23) Nitrobenzene-d5	7.35	82	1074764	74.41	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	555802	111.68	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2228738	79.95	ng	0.00
79) Terphenyl-d14	12.93	244	2586386	72.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	182806	27.307	ng	99
3) Pyridine	3.29	79	445893	24.742	ng	99
4) n-Nitrosodimethylamine	3.22	42	161228	31.727	ng	99
6) Aniline	6.45	93	533772	21.289	ng	# 35
8) 2-Chlorophenol	6.58	128	573635	35.910	ng	97
9) Benzaldehyde	6.34	77	373475	37.698	ng	96
10) Phenol	6.45	94	728646	35.268	ng	82
11) bis(2-Chloroethyl)ether	6.53	93	540137	34.140	ng	97
12) 1,3-Dichlorobenzene	6.73	146	636556	33.207	ng	98
13) 1,4-Dichlorobenzene	6.81	146	650893	34.127	ng	97
14) 1,2-Dichlorobenzene	6.96	146	607952	34.797	ng	99
15) Benzyl Alcohol	6.93	79	468558	35.408	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	484485	32.300	ng	98
17) 2-Methylphenol	7.05	107	477019	34.865	ng	99
18) Hexachloroethane	7.30	117	219920	31.159	ng	99
19) n-Nitroso-di-n-propylamine	7.20	70	330890	34.416	ng	99
20) 3+4-Methylphenols	7.20	107	606484	36.657	ng	# 77
22) Acetophenone	7.20	105	803267	39.775	ng	98
24) Nitrobenzene	7.37	77	549928	36.656	ng	97
25) Isophorone	7.61	82	1015934	35.521	ng	100
26) 2-Nitrophenol	7.69	139	298550	37.538	ng	95
27) 2,4-Dimethylphenol	7.73	122	511665	40.388	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	677704	35.627	ng	100
29) 2,4-Dichlorophenol	7.93	162	512449	37.741	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	558064	35.858	ng	100
31) Naphthalene	8.10	128	1680454	38.936	ng	99
32) Benzoic acid	7.83	122	210455	24.603	ng	98
33) 4-Chloroaniline	8.14	127	332296	17.012	ng	99
34) Hexachlorobutadiene	8.22	225	326980	35.459	ng	99
35) Caprolactam	8.49	113	166133	35.968	ng	98
36) 4-Chloro-3-methylphenol	8.63	107	514463	37.324	ng	99
37) 2-Methylnaphthalene	8.79	142	1162540	39.403	ng	100
38) 1-Methylnaphthalene	8.89	142	1081158	39.119	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	561807	39.163	ng	99

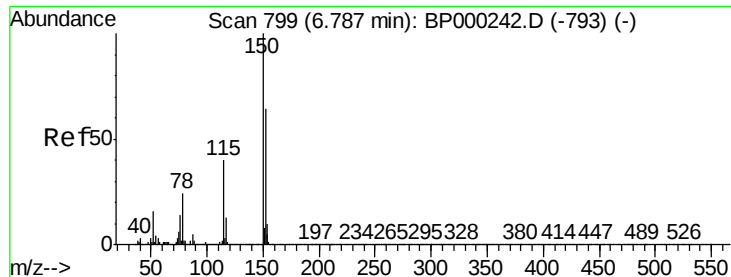
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	260579	31.633	nq	99
43) 2,4,6-Trichlorophenol	9.07	196	372135	37.489	nq	100
44) 2,4,5-Trichlorophenol	9.12	196	397664	39.124	nq	99
46) 1,1'-Biphenyl	9.25	154	1401852	40.389	nq	99
47) 2-Chloronaphthalene	9.28	162	1083588	37.216	nq	99
48) 2-Nitroaniline	9.37	65	262455	35.496	nq	96
49) Acenaphthylene	9.69	152	1835556	41.940	nq	100
50) Dimethylphthalate	9.55	163	1533612	44.864	nq	100
51) 2,6-Dinitrotoluene	9.61	165	287828	38.294	nq	99
52) Acenaphthene	9.87	154	1010119	36.573	nq	100
53) 3-Nitroaniline	9.78	138	195043	22.356	nq	97
54) 2,4-Dinitrophenol	9.89	184	91459	27.542	nq	97
55) Dibenzofuran	10.04	168	1538510	39.405	nq	100
56) 4-Nitrophenol	9.96	139	462246	71.236	nq	95
57) 2,4-Dinitrotoluene	10.02	165	375881	38.254	nq	98
58) Fluorene	10.39	166	1219695	40.445	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	325441	38.911	nq	98
60) Diethylphthalate	10.26	149	1232562	37.482	nq	99
61) 4-Chlorophenyl-phenylether	10.37	204	601880	38.881	nq	98
62) 4-Nitroaniline	10.39	138	265046	30.887	nq	98
63) Azobenzene	10.53	77	1055745	37.895	nq	95
65) 4,6-Dinitro-2-methylphenol	10.43	198	83080	18.968	nq	99
66) n-Nitrosodiphenylamine	10.49	169	1065000	37.978	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	380913	36.161	nq	97
68) Hexachlorobenzene	10.95	284	398912	34.640	nq	98
69) Atrazine	11.03	200	327127	55.415	nq	98
70) Pentachlorophenol	11.14	266	410365	65.428	nq	99
71) Phenanthrene	11.35	178	2001220	42.870	nq	100
72) Anthracene	11.40	178	1909057	39.731	nq	100
73) Carbazole	11.56	167	1671181	38.620	nq	99
74) Di-n-butylphthalate	11.90	149	1994400	36.413	nq	100
75) Fluoranthene	12.55	202	2191325	43.717	nq	98
77) Benzidine	12.67	184	1397036	52.455	nq	97
78) Pyrene	12.79	202	2418733	43.352	nq	100
80) Butylbenzylphthalate	13.41	149	872073	34.017	nq	99
81) Benzo(a)anthracene	13.99	228	1947286	41.338	nq	98
82) 3,3'-Dichlorobenzidine	13.95	252	699755	36.963	nq	99
83) Chrysene	14.02	228	1842516	39.837	nq	100
84) Bis(2-ethylhexyl)phthalate	13.98	149	1174740	38.172	nq	99
85) Di-n-octyl phthalate	14.60	149	2070565	36.302	nq	99
86) Indeno(1,2,3-cd)pyrene	16.97	276	2249236	39.897	nq	98
88) Benzo(b)fluoranthene	15.05	252	2171125	41.297	nq	99
89) Benzo(k)fluoranthene	15.07	252	1732022	37.768	nq	99
90) Benzo(a)pyrene	15.42	252	2008154	41.979	nq	99
91) Dibenzo(a,h)anthracene	16.99	278	1758205	39.421	nq	98
92) Benzo(g,h,i)perylene	17.42	276	1886071	41.141	nq	98

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

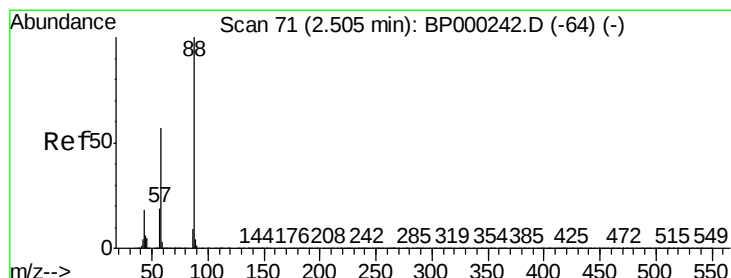
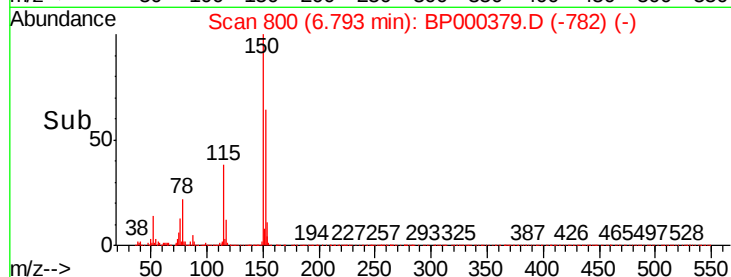
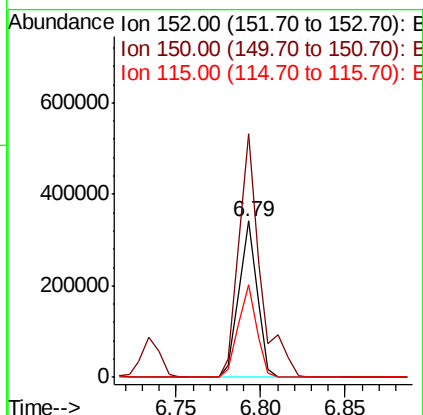
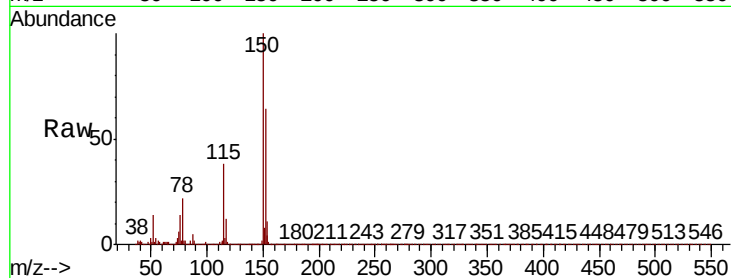


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000379.D
Acq: 23 Sep 2019 22:42

Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MSD

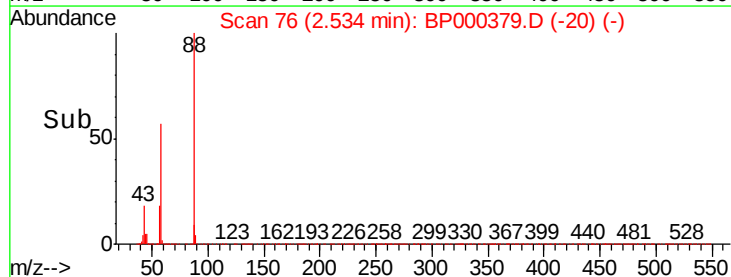
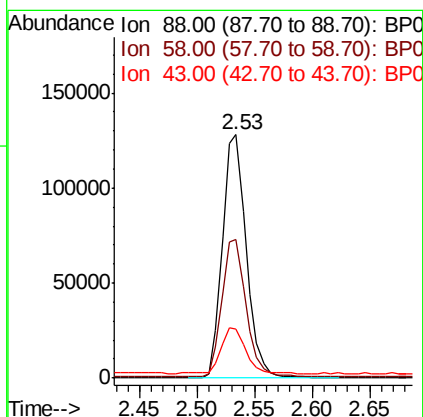
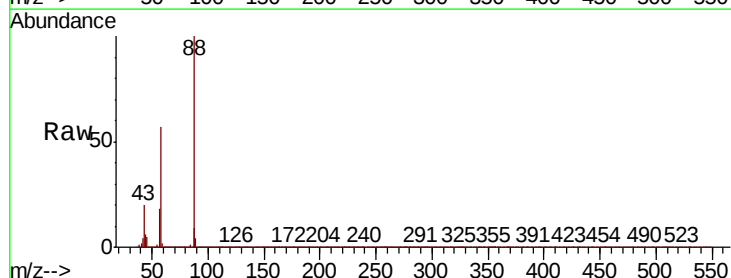
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	125.2	187.8
115	58.8	49.7	74.5

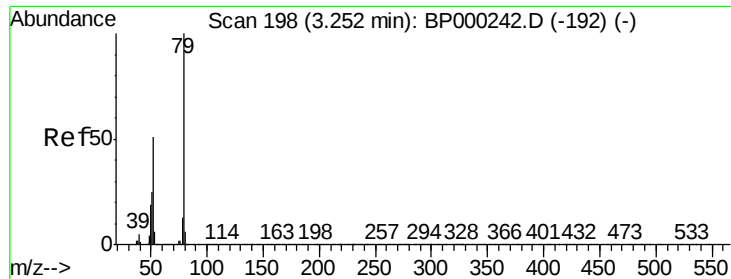


#2

1,4-Dioxane
Concen: 27.307 ng
RT: 2.53 min Scan# 76
Delta R.T. 0.03 min
Lab File: BP000379.D
Acq: 23 Sep 2019 22:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	57.1	45.4	68.2
43	19.2	15.0	22.6





#3

Pvridine

Concen: 24.742 ng

RT: 3.29 min Scan# 204

Delta R.T. 0.04 min

Lab File: BP000379.D

Acq: 23 Sep 2019 22:42

Instrument :

BNA_P

ClientSampleId :

SAND-STOCKPILE-1MSD

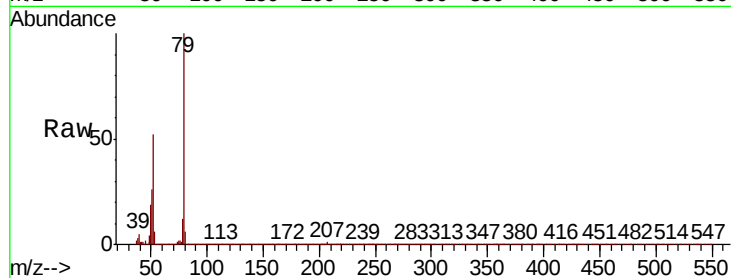
Tot Ion: 79 Resp: 445893

Ion Ratio Lower Upper

79 100

52 51.7 40.9 61.3

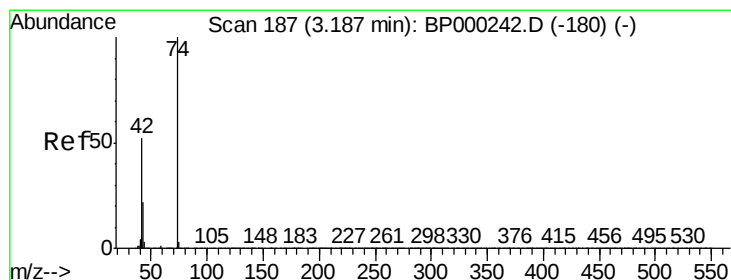
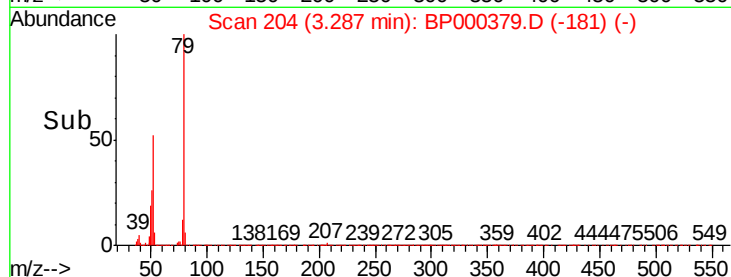
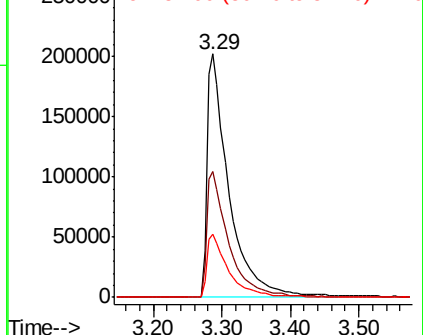
51 26.1 20.2 30.2



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 52.00 (51.70 to 52.70): BP0

Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 31.727 ng

RT: 3.22 min Scan# 192

Delta R.T. 0.03 min

Lab File: BP000379.D

Acq: 23 Sep 2019 22:42

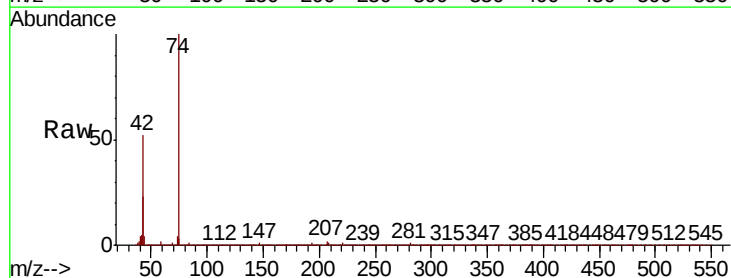
Tgt Ion: 42 Resp: 161228

Ion Ratio Lower Upper

42 100

74 194.1 154.5 231.7

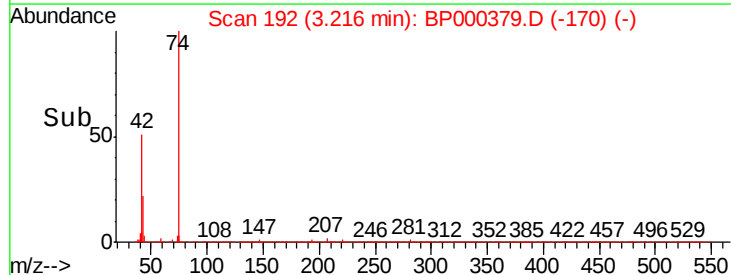
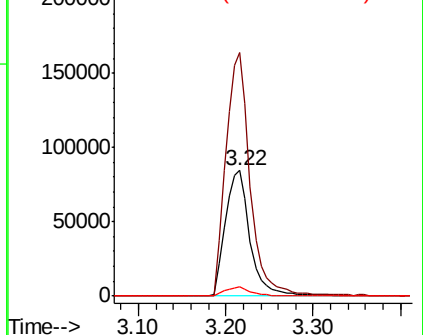
44 7.1 5.9 8.9

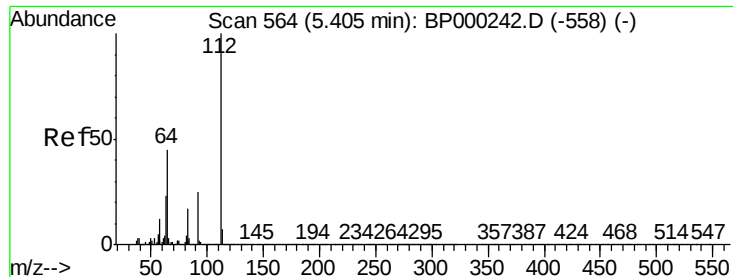


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 101.237 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.02 min

Lab File: BP000379.D

Acq: 23 Sep 2019 22:42

Instrument :

BNA_P

ClientSampleId :

SAND-STOCKPILE-1MSD

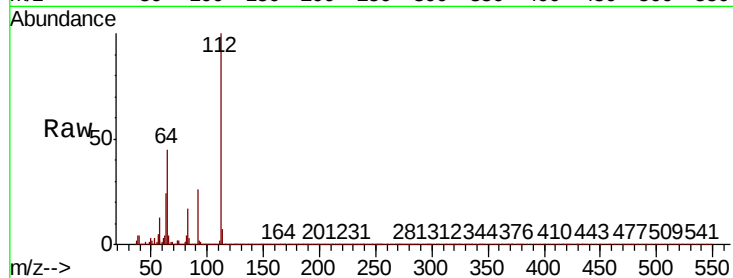
Tot Ion: 112 Resp: 1501818

Ion Ratio Lower Upper

112 100

64 45.4 36.2 54.4

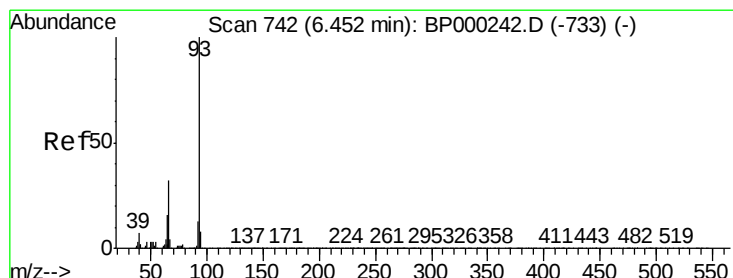
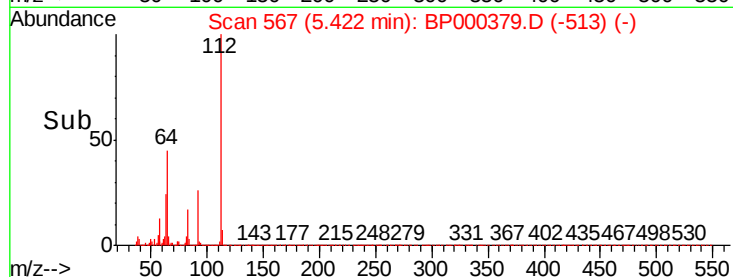
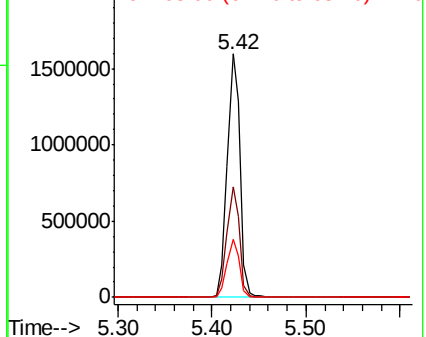
63 23.6 18.3 27.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 21.289 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BP000379.D

Acq: 23 Sep 2019 22:42

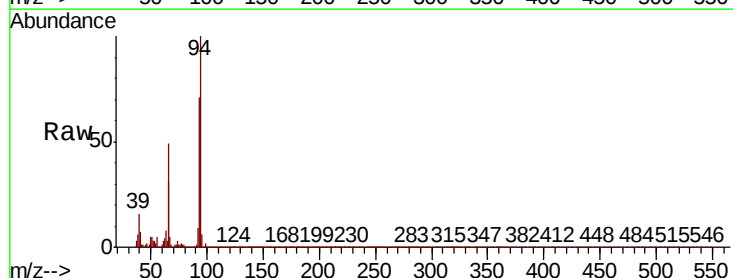
Tgt Ion: 93 Resp: 533772

Ion Ratio Lower Upper

93 100

66 69.3 26.2 39.2#

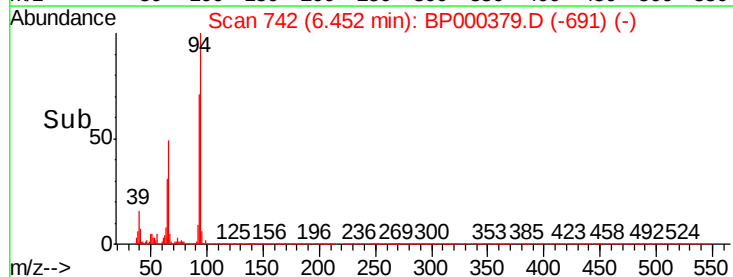
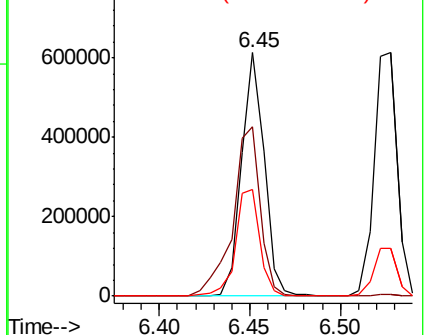
65 43.9 12.7 19.1#

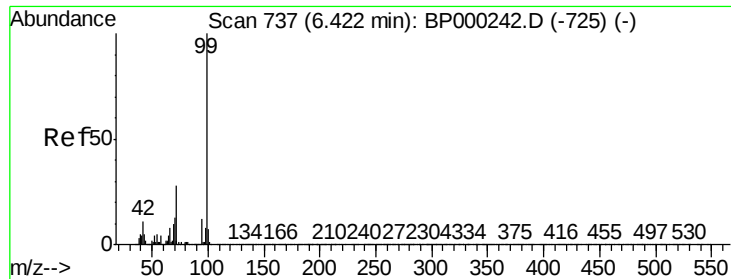


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 105.609 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BP000379.D

Acq: 23 Sep 2019 22:42

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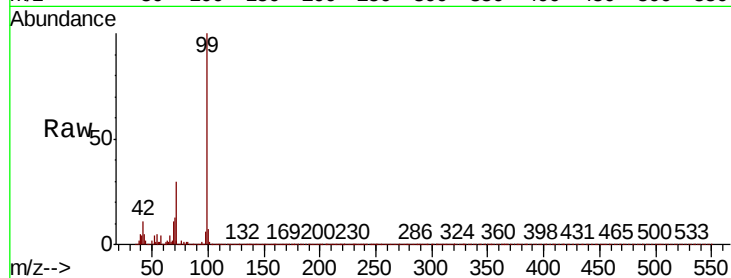
Tot Ion: 99 Resp: 1920414

Ion Ratio Lower Upper

99 100

42 11.1 8.5 12.7

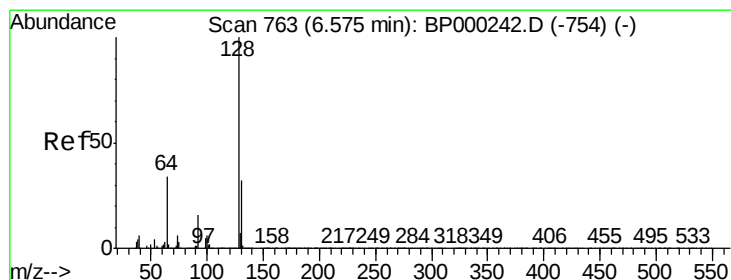
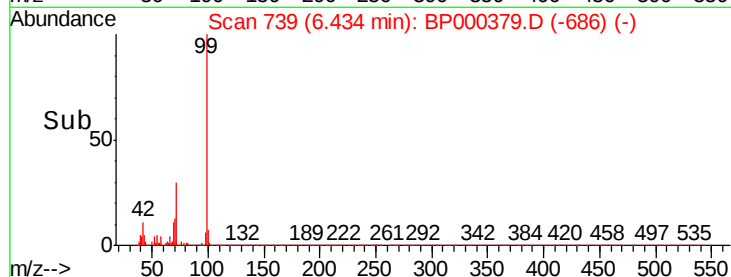
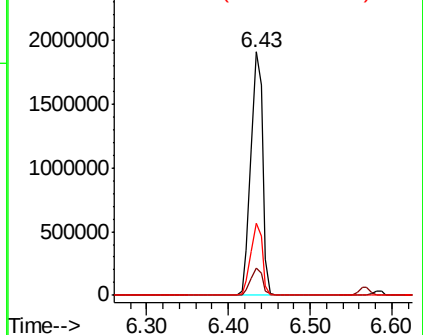
71 29.9 22.6 34.0



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 35.910 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.01 min

Lab File: BP000379.D

Acq: 23 Sep 2019 22:42

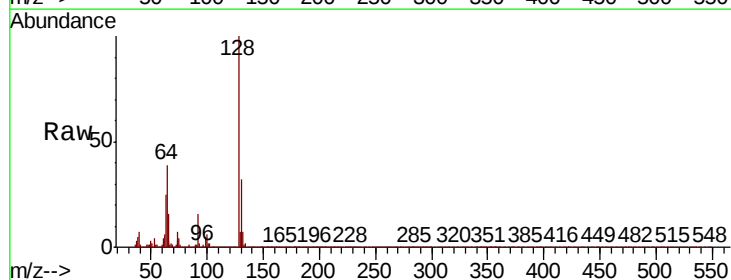
Tgt Ion: 128 Resp: 573635

Ion Ratio Lower Upper

128 100

130 31.9 12.5 52.5

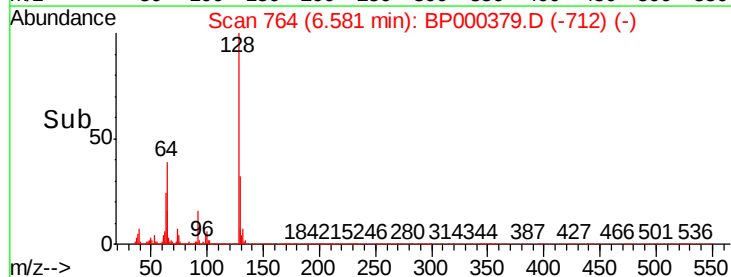
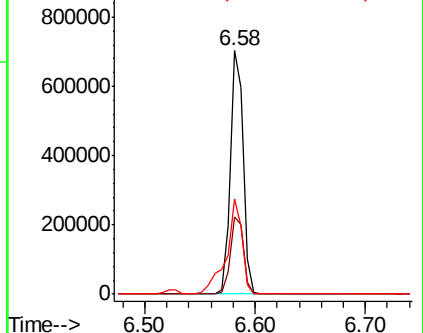
64 38.8 16.0 56.0

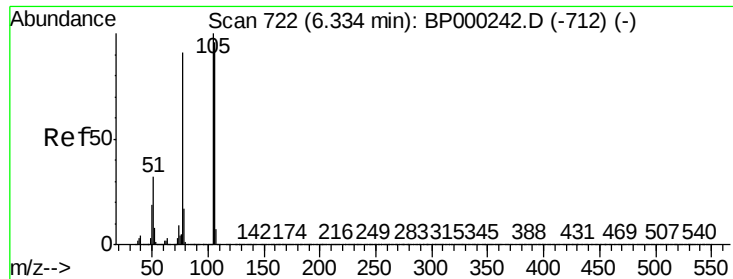


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 37.698 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BP000379.D

Acq: 23 Sep 2019 22:42

Instrument :

BNA_P

ClientSampleId :

SAND-STOCKPILE-1MSD

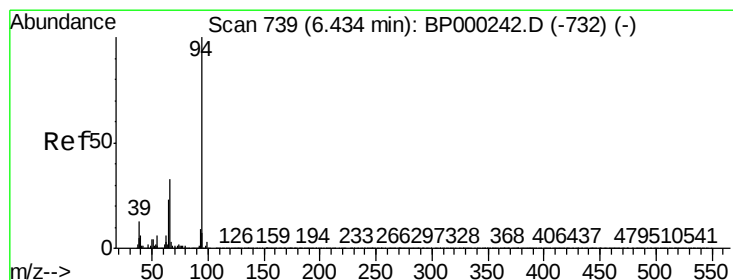
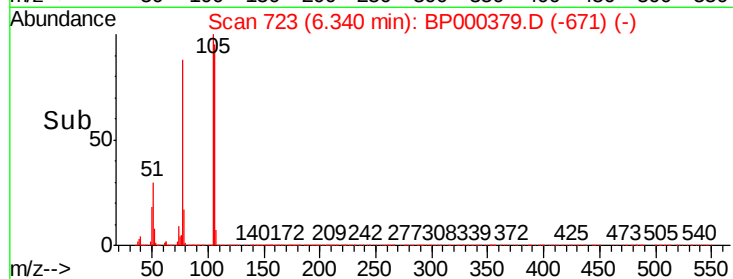
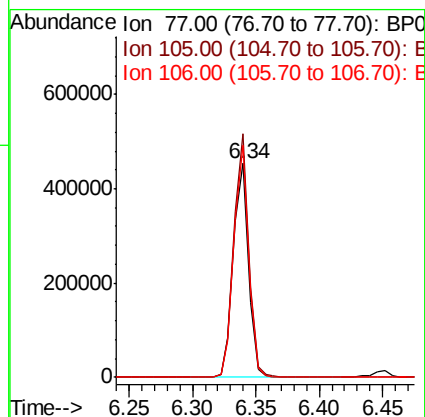
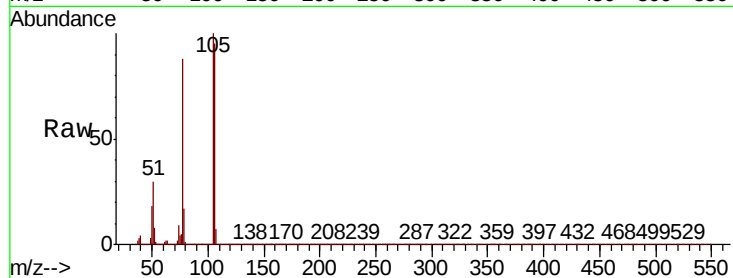
Tot Ion: 77 Resp: 373475

Ion Ratio Lower Upper

77 100

105 114.0 89.6 129.6

106 108.7 84.6 124.6



#10

Phenol

Concen: 35.268 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BP000379.D

Acq: 23 Sep 2019 22:42

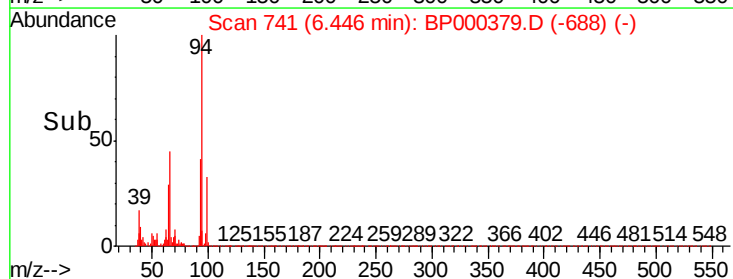
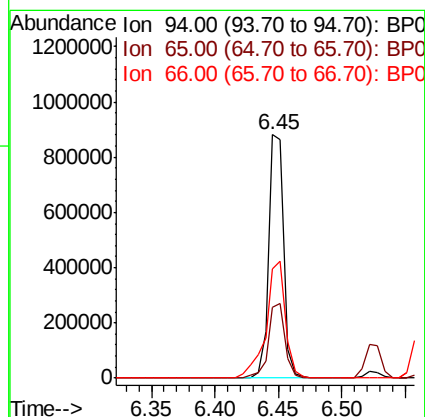
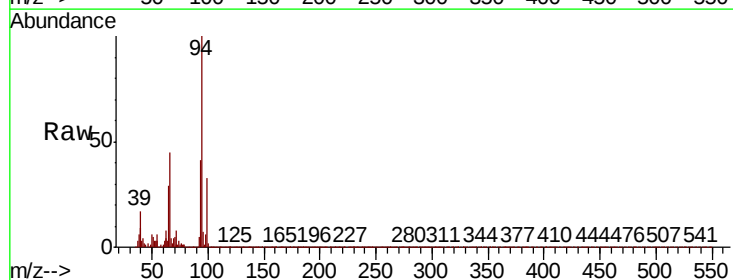
Tgt Ion: 94 Resp: 728646

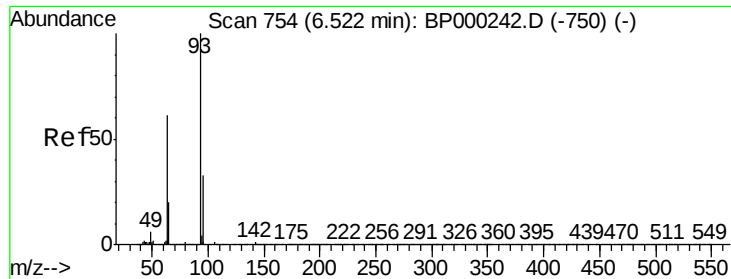
Ion Ratio Lower Upper

94 100

65 29.2 3.3 43.3

66 44.9 12.7 52.7

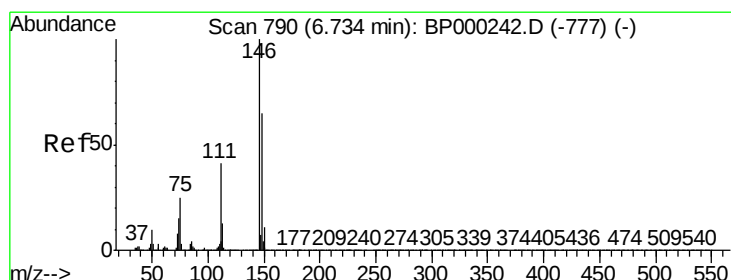
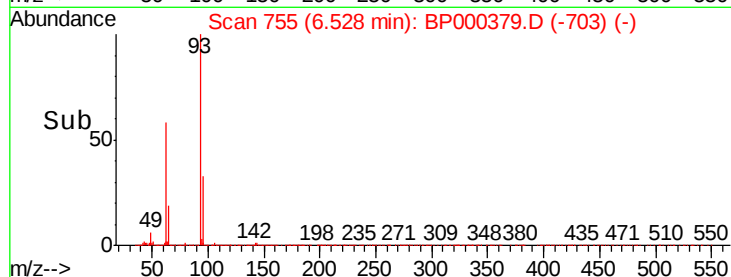
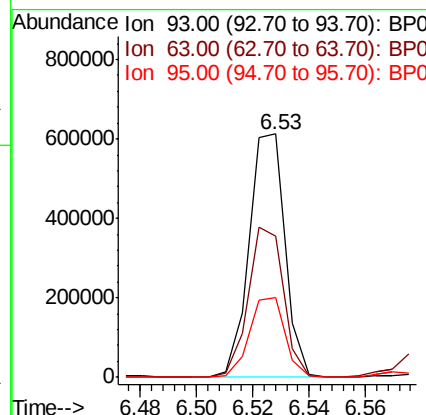
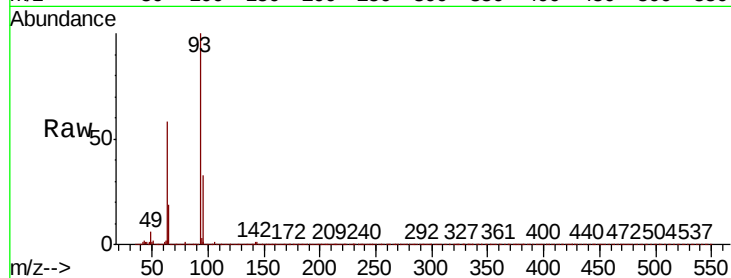




#11
bis(2-Chloroethyl)ether
Concen: 34.140 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BP000379.D
Acq: 23 Sep 2019 22:42

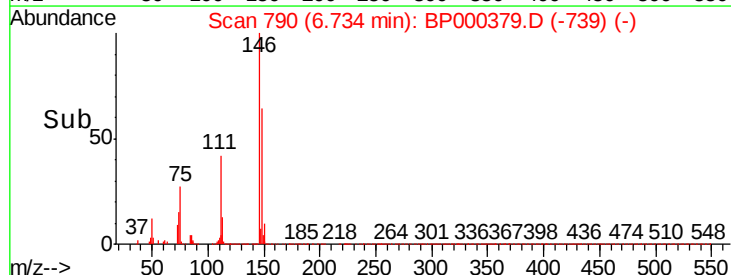
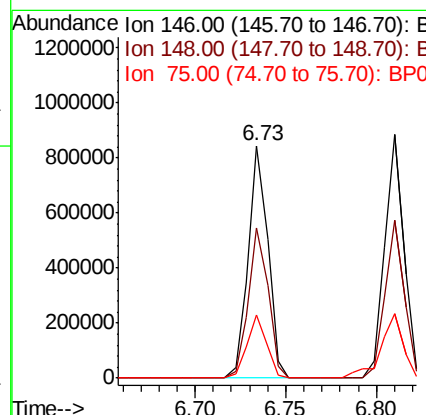
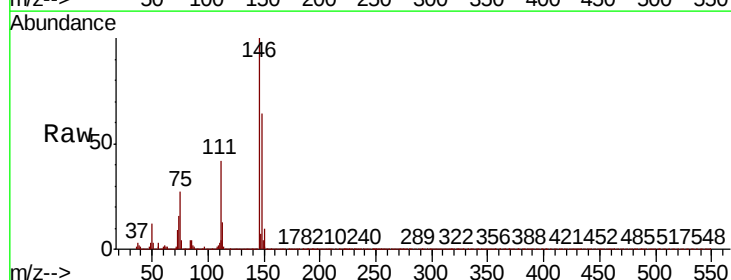
Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MSD

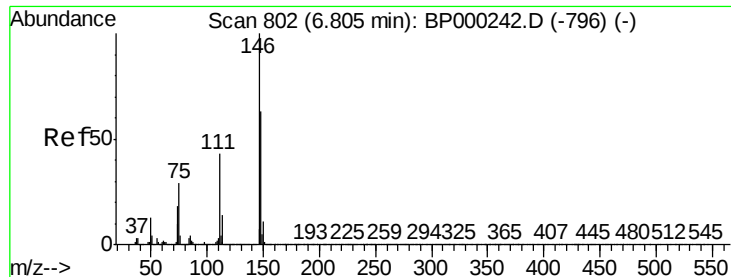
Tot Ion:	93	Resp:	540137
Ion	Ratio	Lower	Upper
93	100		
63	58.1	41.0	81.0
95	32.6	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 33.207 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BP000379.D
Acq: 23 Sep 2019 22:42

Tgt Ion:	146	Resp:	636556
Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.1	78.1
75	27.2	20.2	30.4





#13

1,4-Dichlorobenzene

Concen: 34.127 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.01 min

Lab File: BP000379.D

Acq: 23 Sep 2019 22:42

Instrument :

BNA_P

ClientSampleId :

SAND-STOCKPILE-1MSD

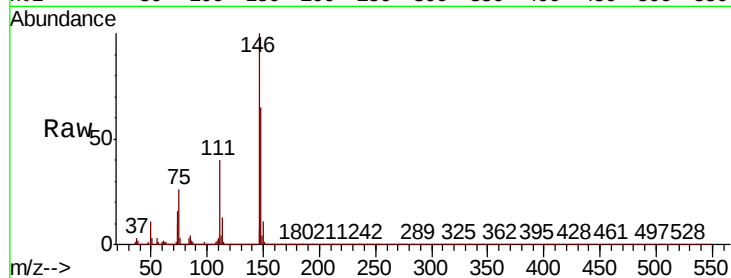
Tot Ion:146 Resp: 650893

Ion Ratio Lower Upper

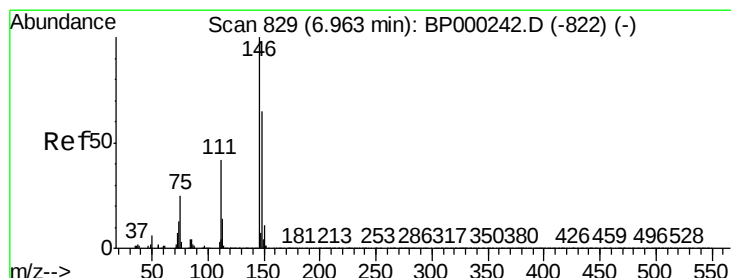
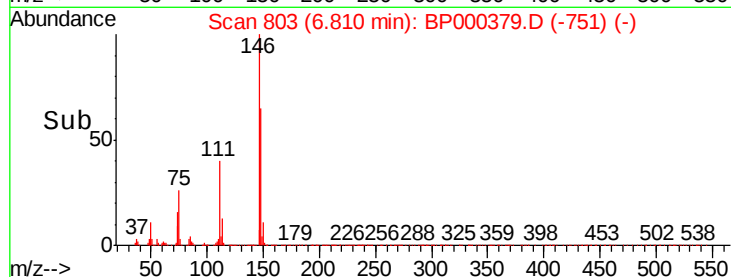
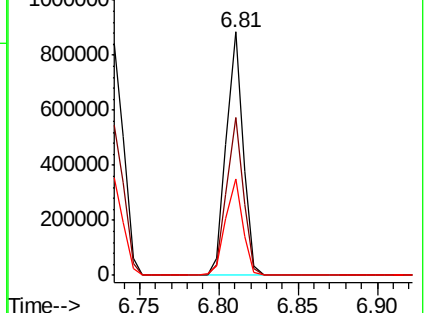
146 100

148 64.7 50.7 76.1

111 39.7 34.1 51.1



Abundance Ion 146.00 (145.70 to 146.70): E
1200000
Ion 148.00 (147.70 to 148.70): E
1000000
Ion 111.00 (110.70 to 111.70): E
800000
600000
400000
200000
0



#14

1,2-Dichlorobenzene

Concen: 34.797 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.00 min

Lab File: BP000379.D

Acq: 23 Sep 2019 22:42

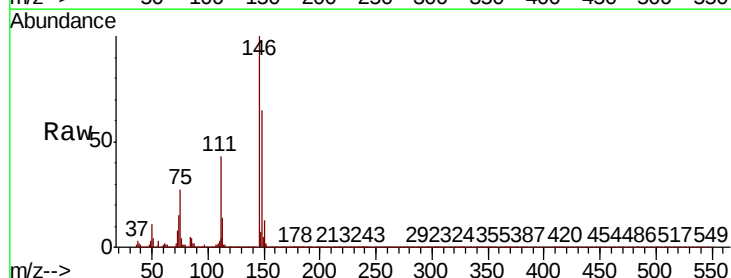
Tgt Ion:146 Resp: 607952

Ion Ratio Lower Upper

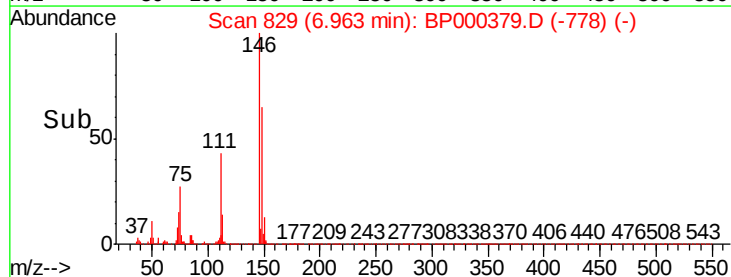
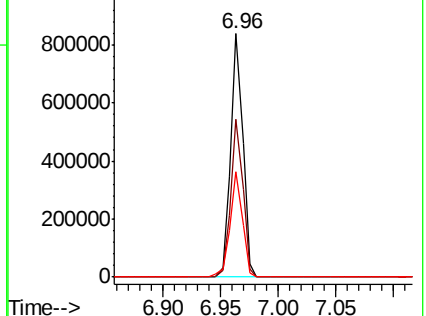
146 100

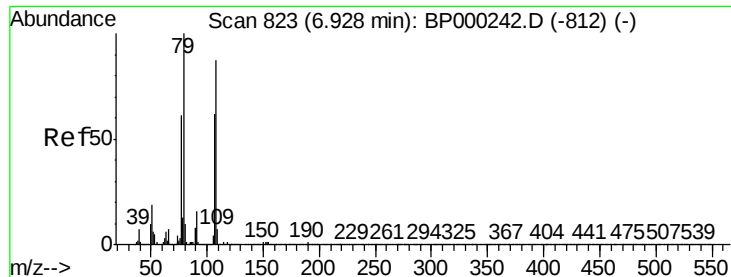
148 64.7 51.7 77.5

111 43.1 33.4 50.2



Abundance Ion 146.00 (145.70 to 146.70): E
1000000
Ion 148.00 (147.70 to 148.70): E
800000
Ion 111.00 (110.70 to 111.70): E
600000
400000
200000
0





#15

Benzyl Alcohol

Concen: 35.408 ng

RT: 6.93 min Scan# 824

Delta R.T. 0.01 min

Lab File: BP000379.D

Acq: 23 Sep 2019 22:42

Instrument :

BNA_P

ClientSampleId :

SAND-STOCKPILE-1MSD

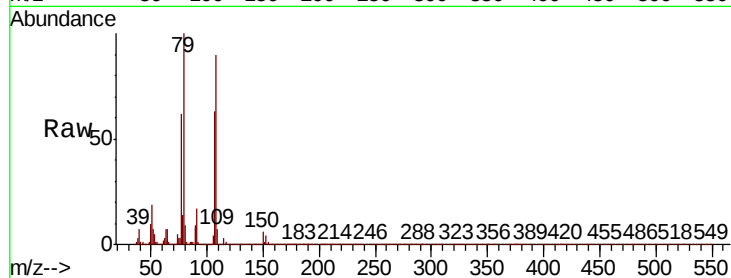
Tot Ion: 79 Resp: 468558

Ion Ratio Lower Upper

79 100

108 89.5 69.2 103.8

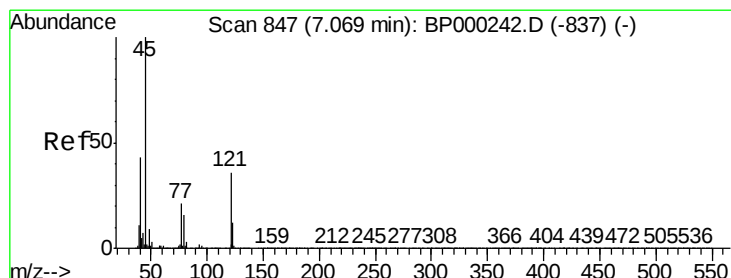
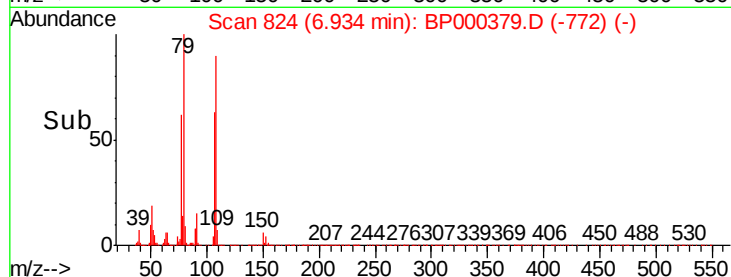
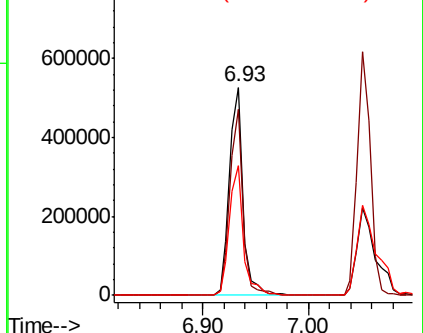
77 62.1 48.7 73.1



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 108.00 (107.70 to 108.70): BP0

Ion 77.00 (76.70 to 77.70): BP0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.300 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.00 min

Lab File: BP000379.D

Acq: 23 Sep 2019 22:42

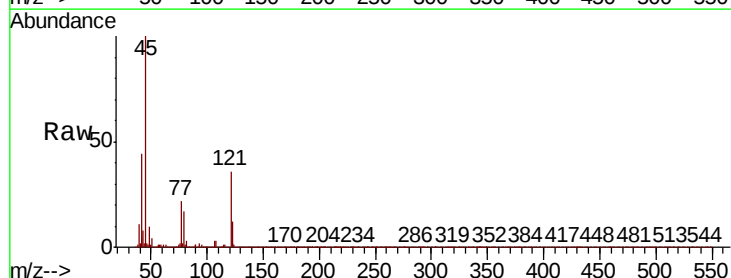
Tgt Ion: 45 Resp: 484485

Ion Ratio Lower Upper

45 100

77 21.9 0.7 40.7

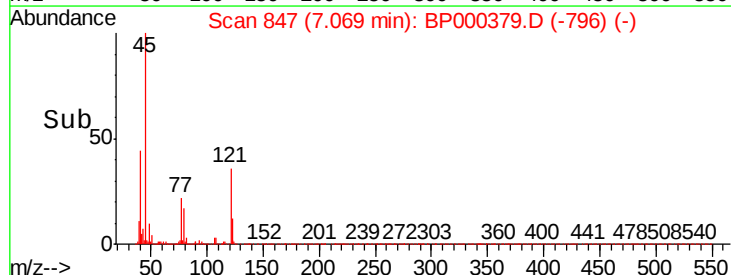
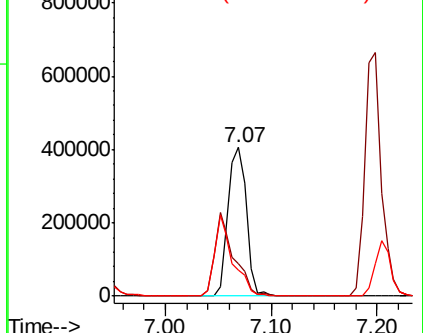
79 17.1 0.0 36.4

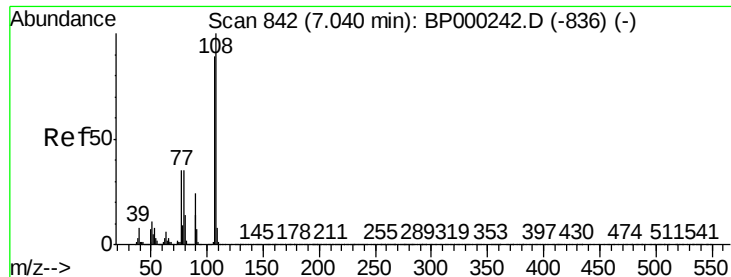


Abundance Ion 45.00 (44.70 to 45.70): BP0

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0





#17

2-Methylphenol

Concen: 34.865 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.01 min

Lab File: BP000379.D

Acq: 23 Sep 2019 22:42

Instrument :

BNA_P

ClientSampleId :

SAND-STOCKPILE-1MSD

Tot Ion:107 Resp: 477019

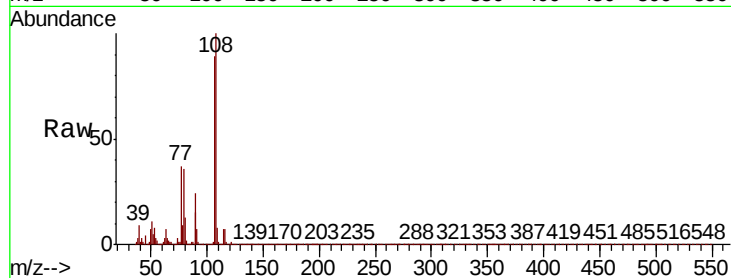
Ion Ratio Lower Upper

107 100

108 112.6 90.1 135.1

77 41.3 31.5 47.3

79 40.6 32.2 48.2

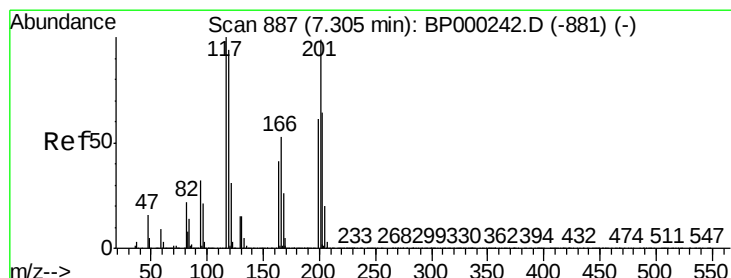
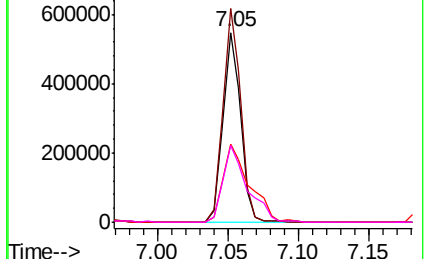
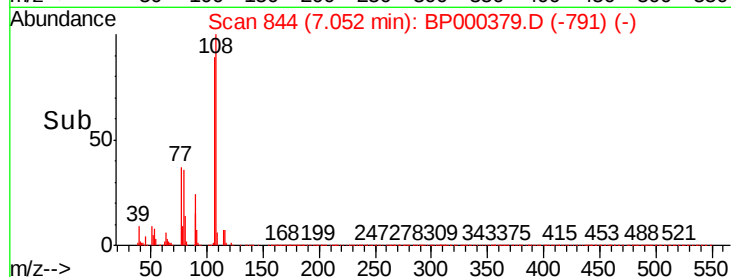


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18

Hexachloroethane

Concen: 31.159 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BP000379.D

Acq: 23 Sep 2019 22:42

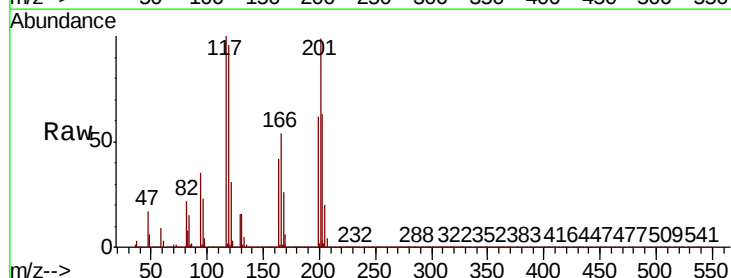
Tgt Ion:117 Resp: 219920

Ion Ratio Lower Upper

117 100

119 95.5 75.6 113.4

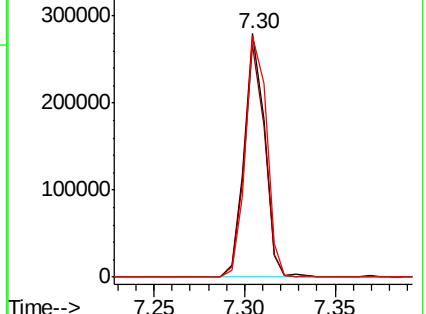
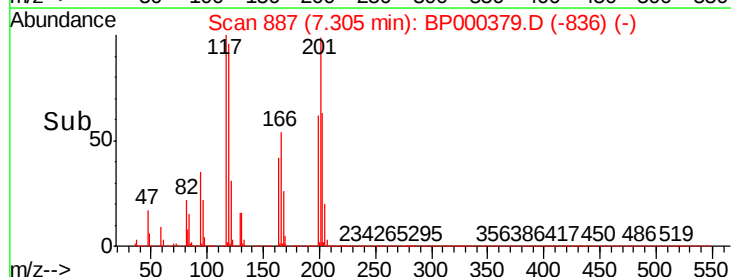
201 98.8 79.4 119.2

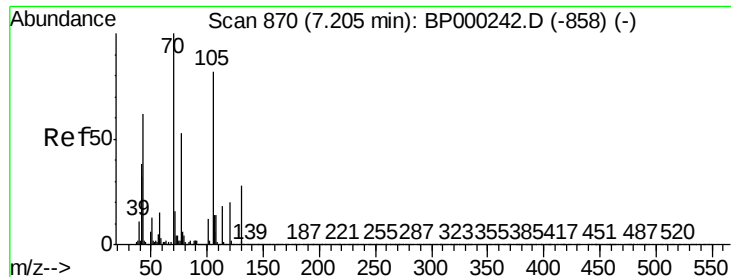


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

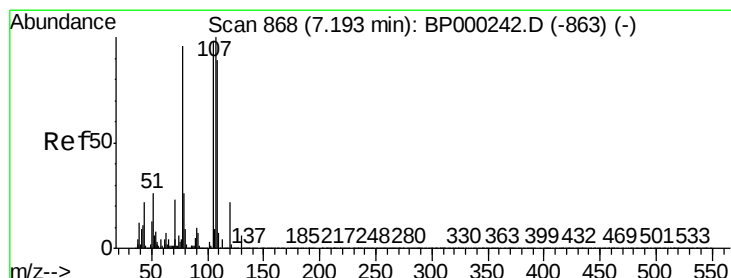
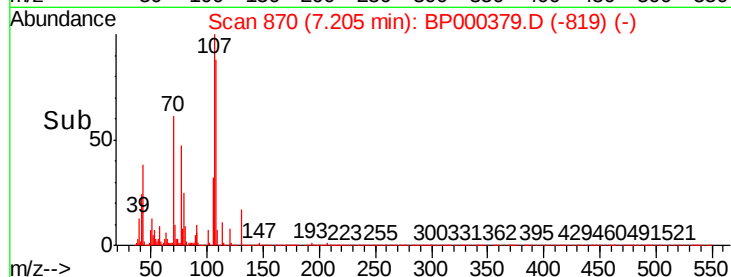
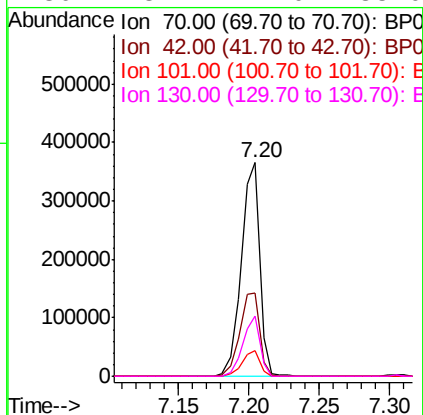
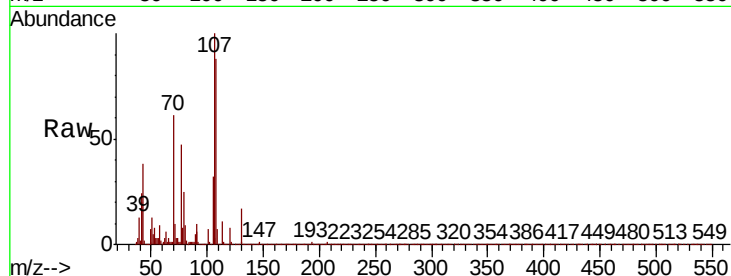




#19
n-Nitroso-di-n-propylamine
Concen: 34.416 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BP000379.D
Acq: 23 Sep 2019 22:42

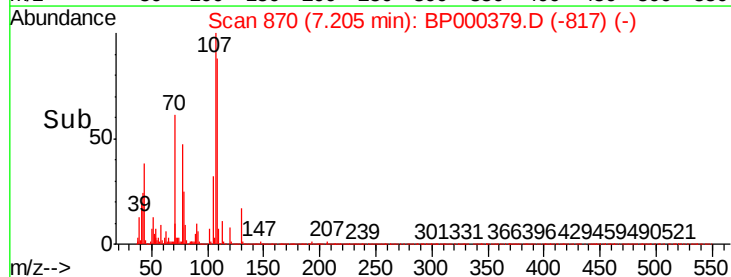
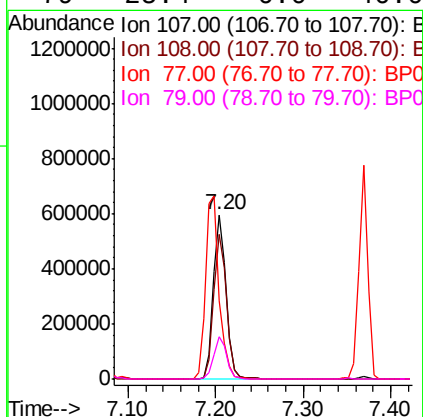
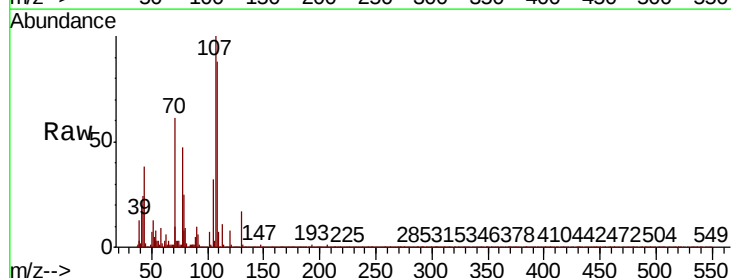
Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MSD

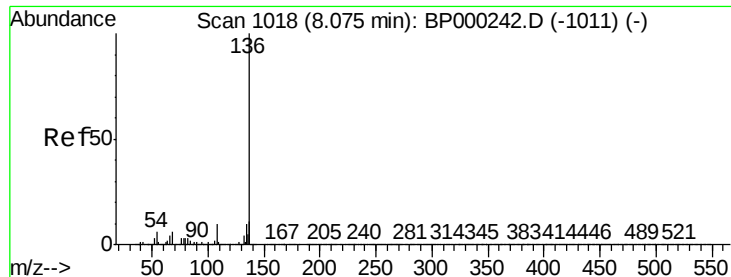
Tot Ion:	70	Resp:	330890
Ion	Ratio	Lower	Upper
70	100		
42	39.3	30.7	46.1
101	12.1	9.6	14.4
130	28.1	22.0	33.0



#20
3+4-Methylphenols
Concen: 36.657 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.01 min
Lab File: BP000379.D
Acq: 23 Sep 2019 22:42

Tgt Ion:	107	Resp:	606484
Ion	Ratio	Lower	Upper
107	100		
108	88.4	68.8	108.8
77	47.2	75.7	115.7#
79	25.4	6.0	46.0

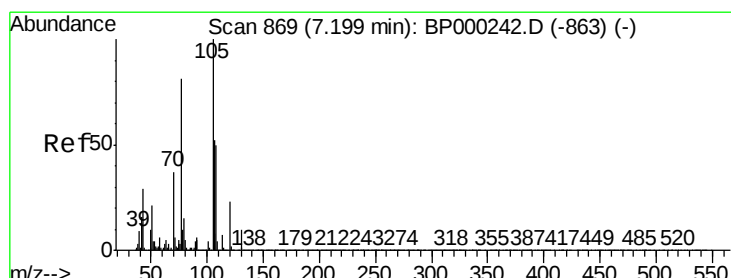
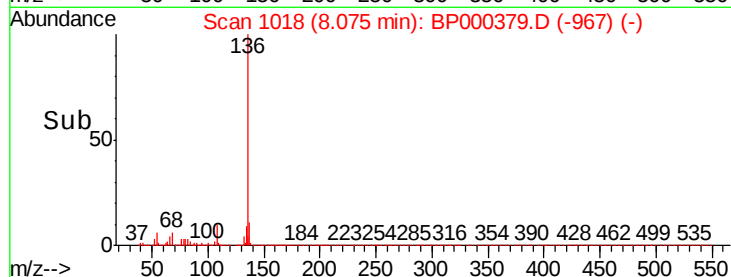
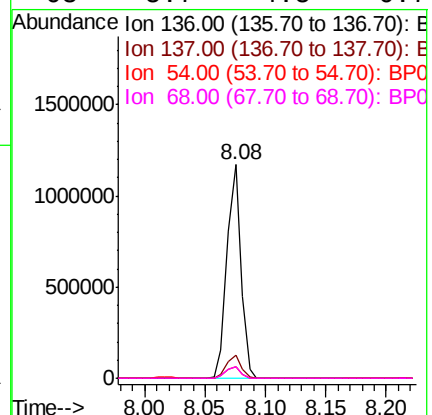
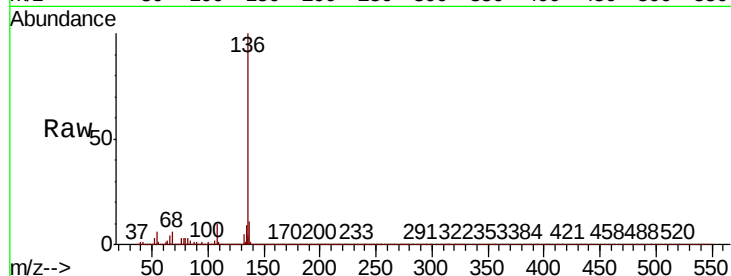




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000379.D
Acq: 23 Sep 2019 22:42

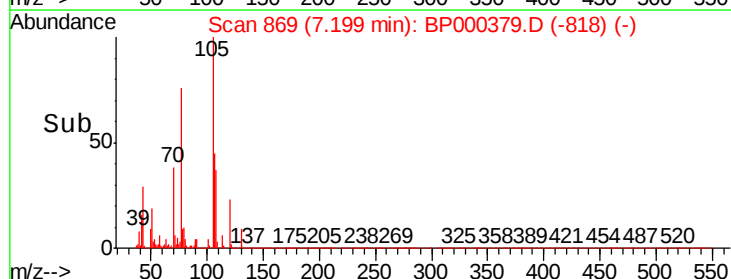
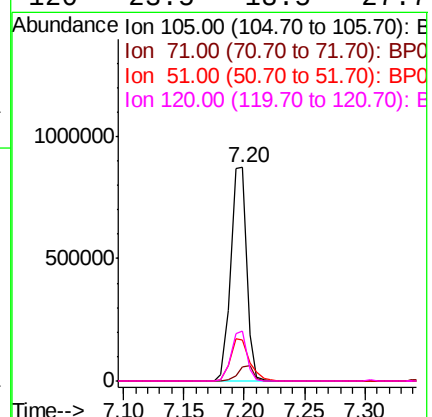
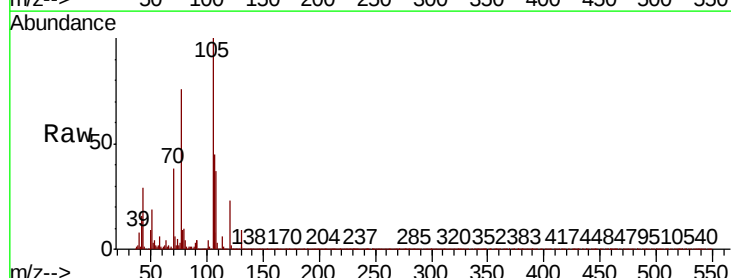
Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MSD

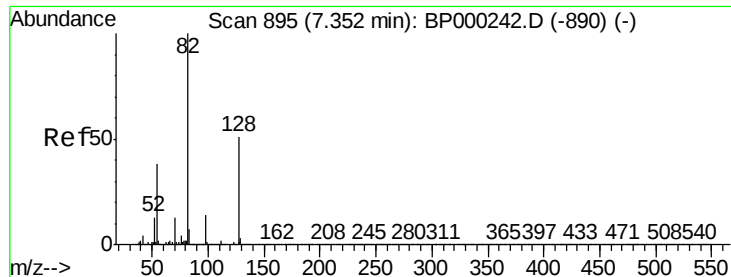
Tot Ion:136	Resp:	931905	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	8.6	13.0	
54 5.6	4.5	6.7	
68 5.7	4.5	6.7	



#22
Acetophenone
Concen: 39.775 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.00 min
Lab File: BP000379.D
Acq: 23 Sep 2019 22:42

Tgt	Ion:105	Resp:	803267
Ion	Ratio	Lower	Upper
105	100		
71	6.5	5.2	7.8
51	19.4	16.6	24.8
120	23.5	18.5	27.7

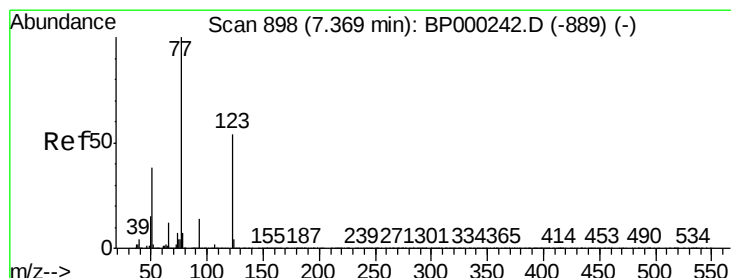
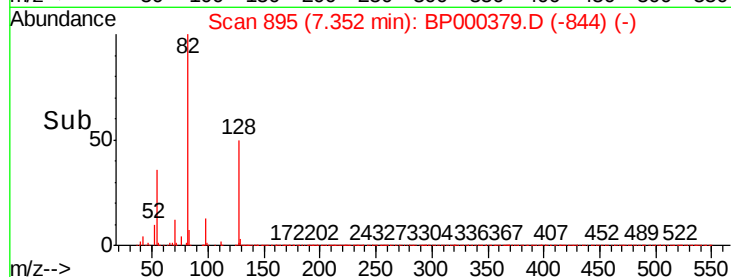
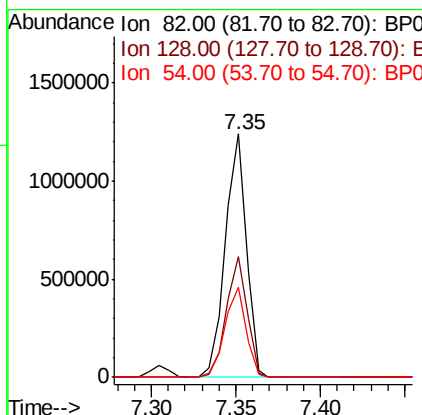
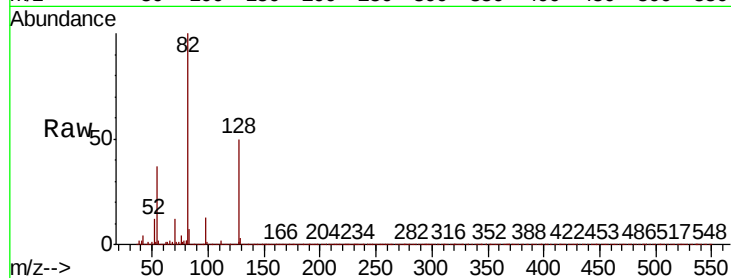




#23
Nitrobenzene-d5
Concen: 74.410 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BP000379.D
Acq: 23 Sep 2019 22:42

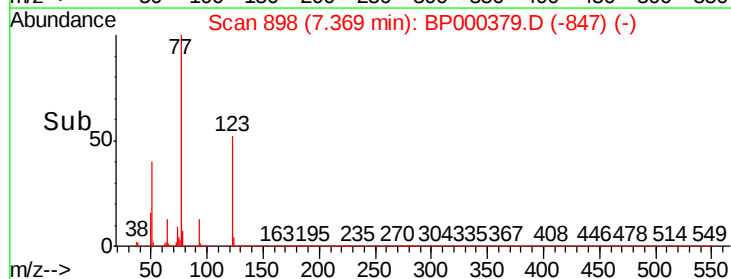
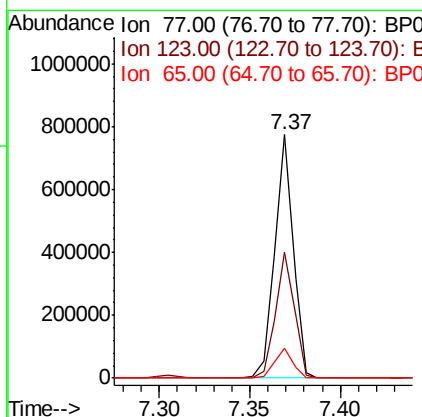
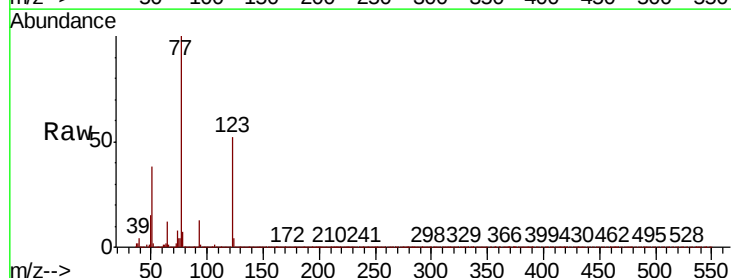
Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion: 82 Resp: 1074764
Ion Ratio Lower Upper
82 100
128 49.5 40.7 61.1
54 37.2 30.1 45.1



#24
Nitrobenzene
Concen: 36.656 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BP000379.D
Acq: 23 Sep 2019 22:42

Tgt Ion: 77 Resp: 549928
Ion Ratio Lower Upper
77 100
123 51.8 43.1 64.7
65 12.0 9.4 14.2





#25

Isophorone

Concen: 35.521 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.00 min

Lab File: BP000379.D

Acq: 23 Sep 2019 22:42

Instrument :

BNA_P

ClientSampleId :

SAND-STOCKPILE-1MSD

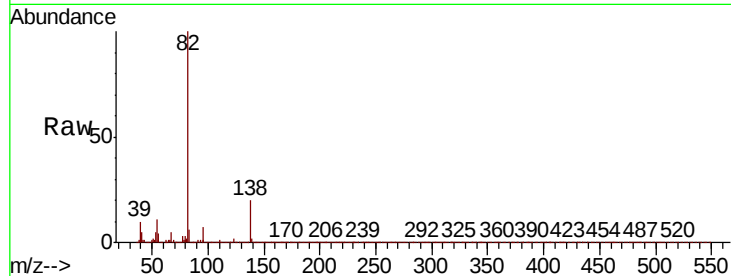
Tot Ion: 82 Resp: 1015934

Ion Ratio Lower Upper

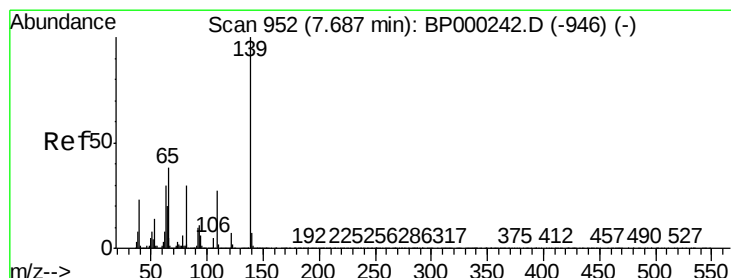
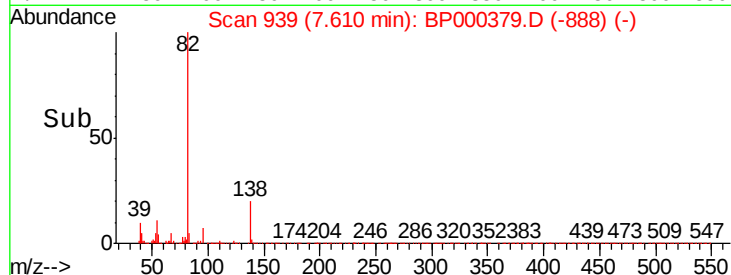
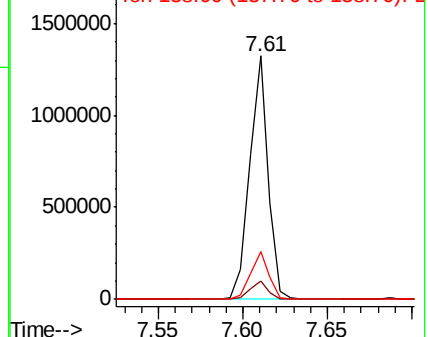
82 100

95 7.3 5.9 8.9

138 19.8 15.9 23.9



Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 95.00 (94.70 to 95.70): BP0
Ion 138.00 (137.70 to 138.70): E



#26

2-Nitrophenol

Concen: 37.538 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.00 min

Lab File: BP000379.D

Acq: 23 Sep 2019 22:42

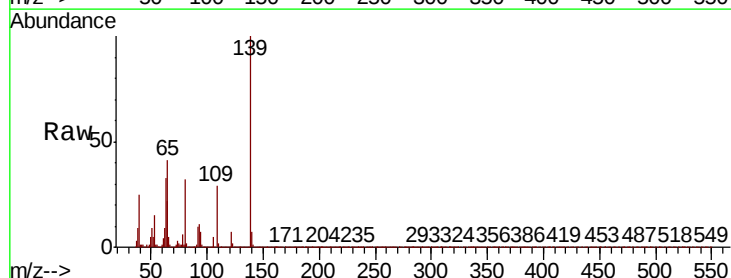
Tgt Ion: 139 Resp: 298550

Ion Ratio Lower Upper

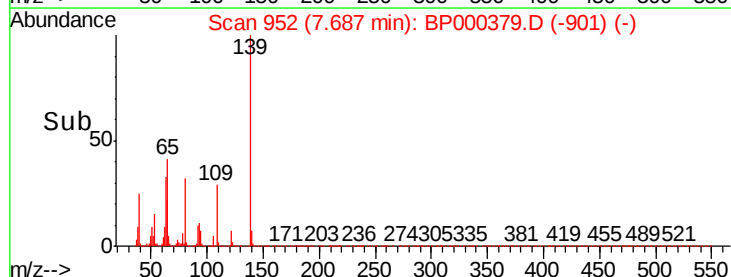
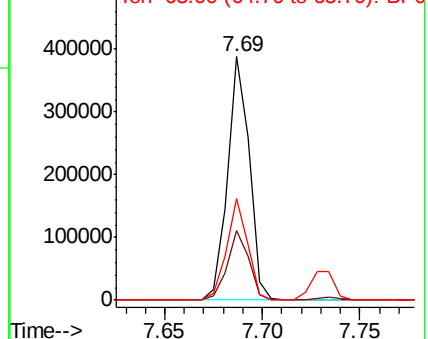
139 100

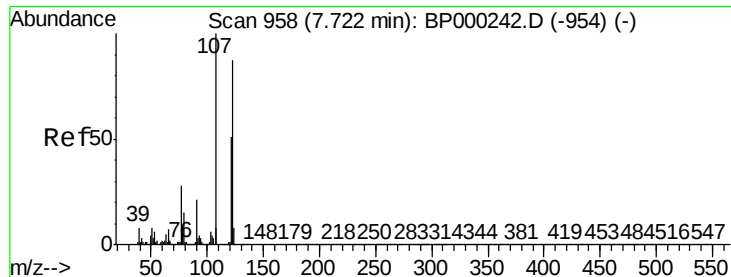
109 28.7 21.8 32.6

65 41.5 30.5 45.7



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BP0

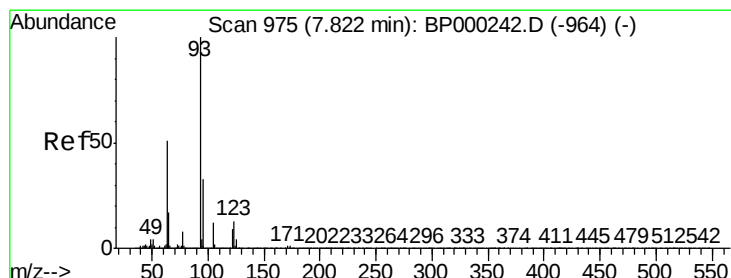
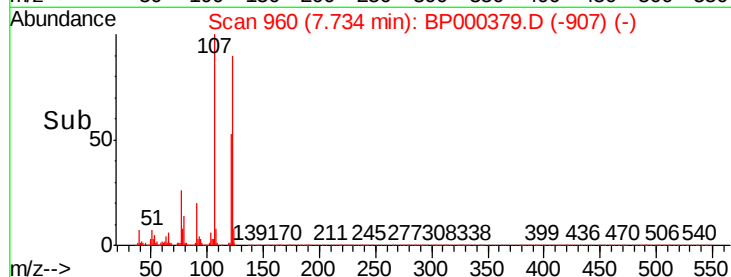
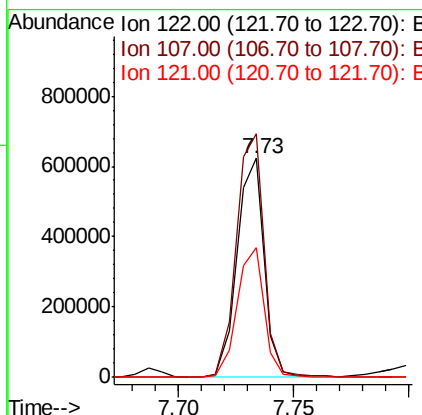
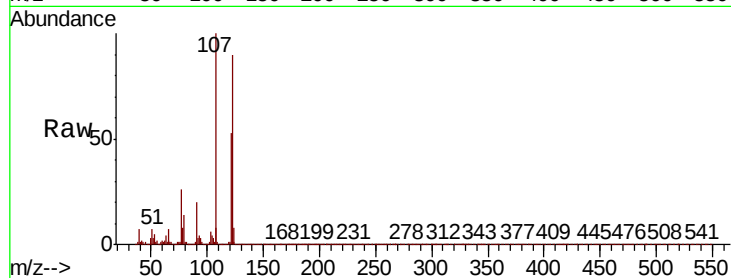




#27
 2,4-Dimethylphenol
 Concen: 40.388 ng
 RT: 7.73 min Scan# 960
 Delta R.T. 0.01 min
 Lab File: BP000379.D
 Acq: 23 Sep 2019 22:42

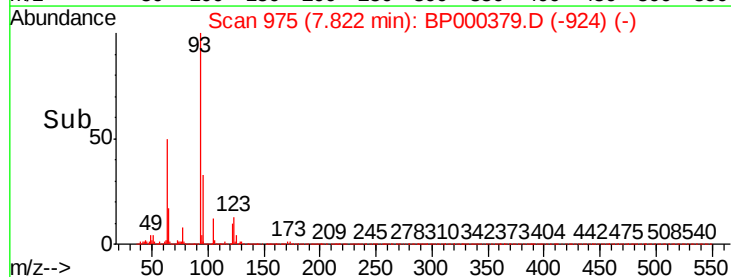
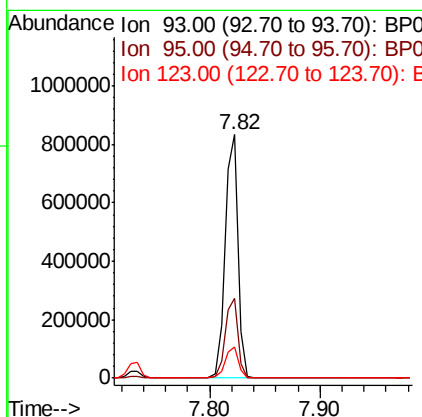
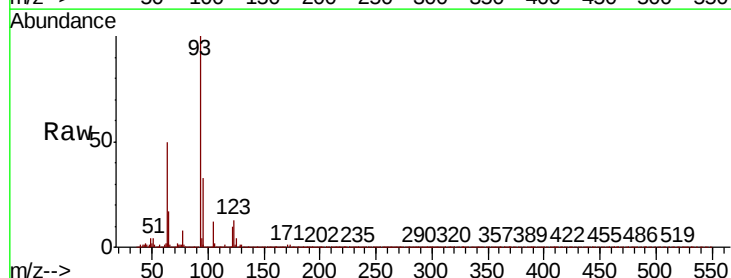
Instrument :
 BNA_P
 ClientSampleId :
 SAND-STOCKPILE-1MSD

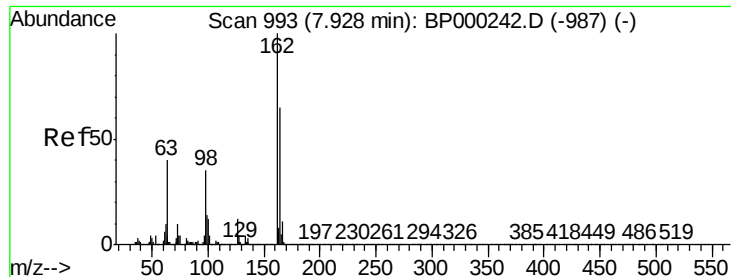
Tot Ion	Ratio	Lower	Upper
122	100		
107	111.2	91.5	137.3
121	59.1	46.9	70.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.627 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: BP000379.D
 Acq: 23 Sep 2019 22:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.2	39.4
123	12.9	10.2	15.2

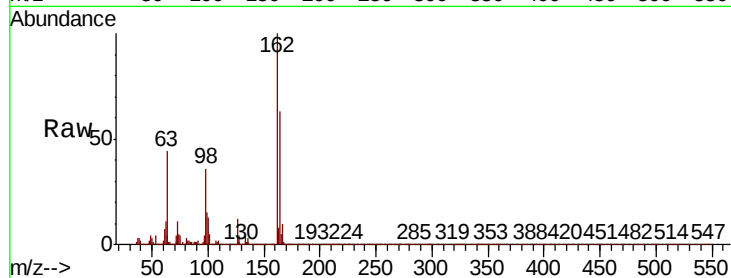




#29
2,4-Dichlorophenol
Concen: 37.741 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BP000379.D
Acq: 23 Sep 2019 22:42

Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.5	84.5
98	36.0	15.2	55.2

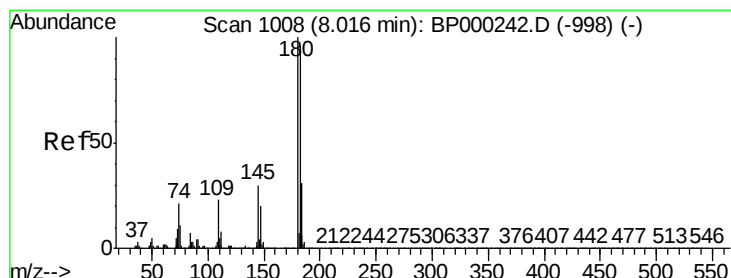
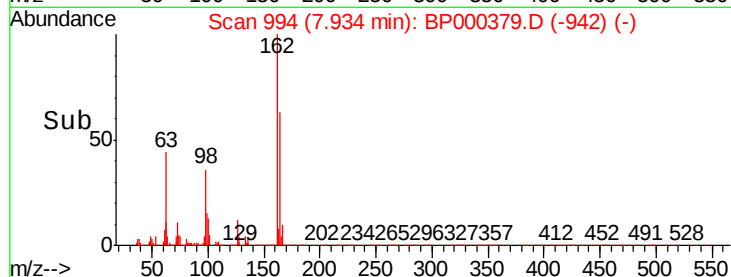
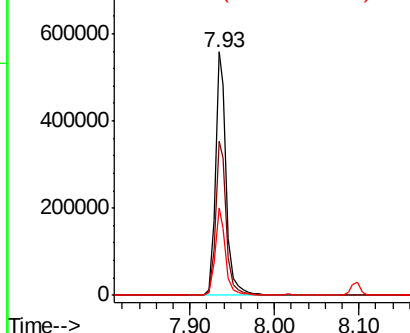


Abundance

Ion 162.00 (161.70 to 162.70): E

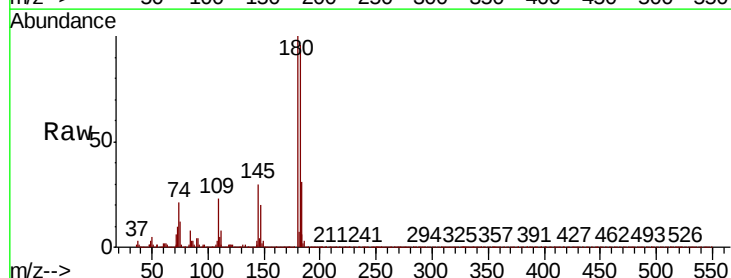
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BP0



#30
1,2,4-Trichlorobenzene
Concen: 35.858 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BP000379.D
Acq: 23 Sep 2019 22:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	77.2	115.8
145	30.1	24.3	36.5

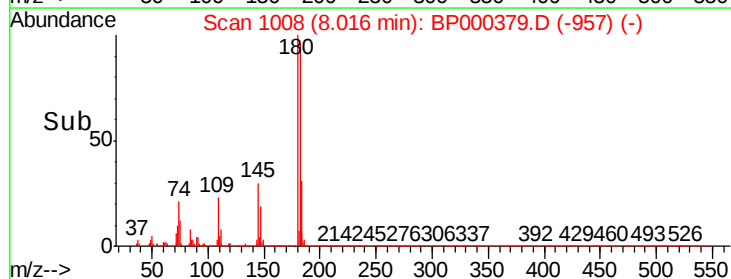
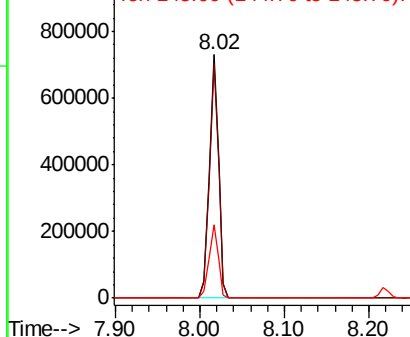


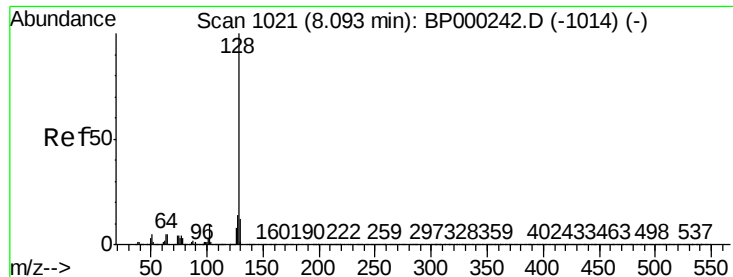
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

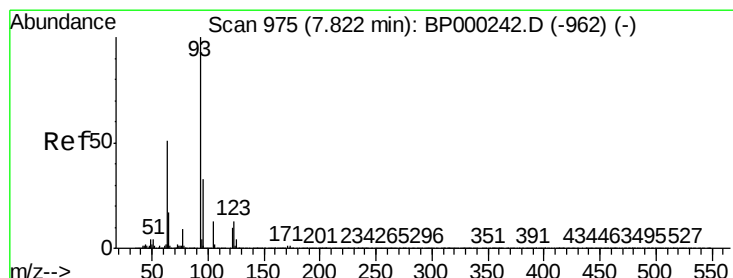
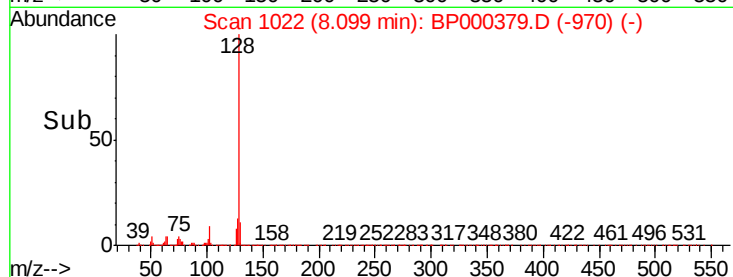
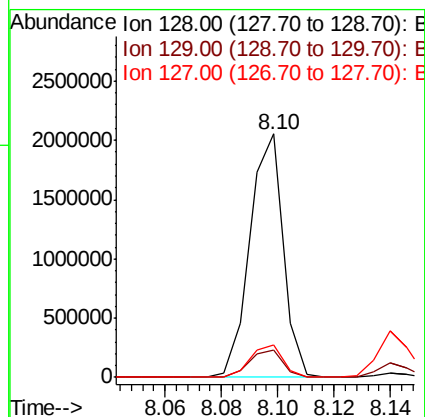
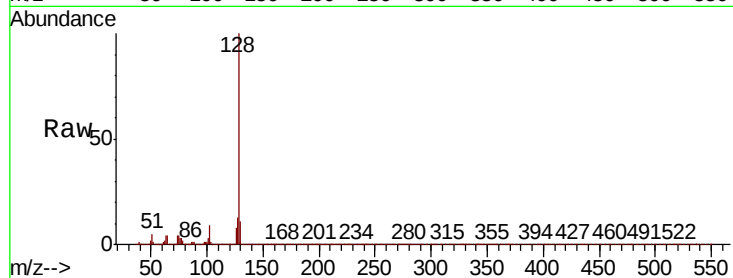




#31
Naphthalene
Concen: 38.936 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BP000379.D
Acq: 23 Sep 2019 22:42

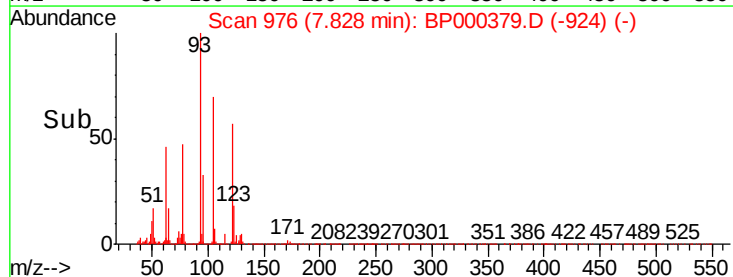
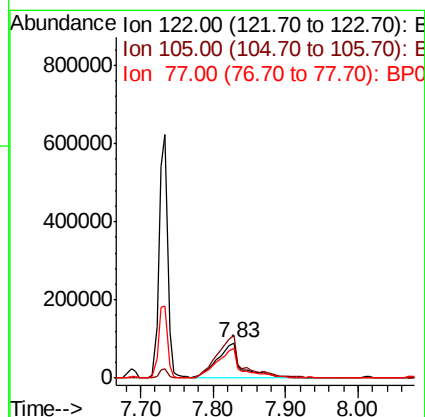
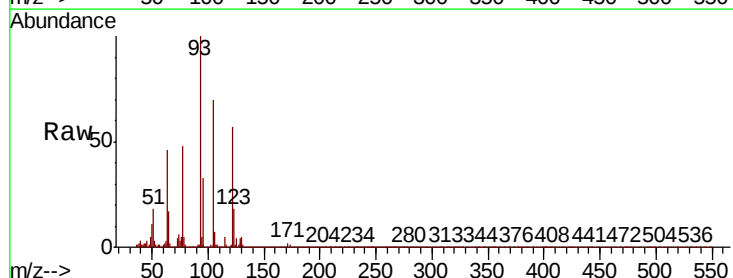
Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MSD

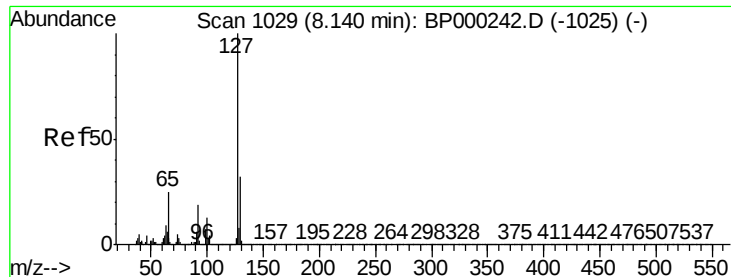
Tot Ion:128 Resp: 1680454
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 13.4 11.0 16.6



#32
Benzoic acid
Concen: 24.603 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.01 min
Lab File: BP000379.D
Acq: 23 Sep 2019 22:42

Tgt Ion:122 Resp: 210455
Ion Ratio Lower Upper
122 100
105 122.3 105.4 145.4
77 83.9 65.3 105.3

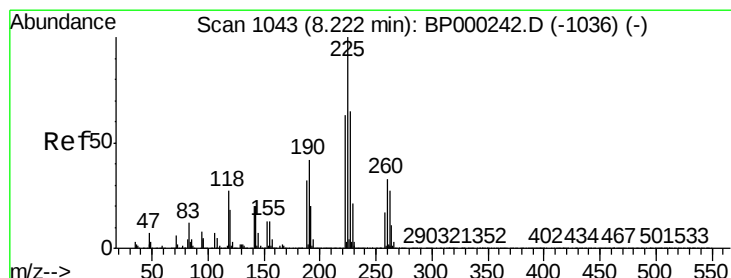
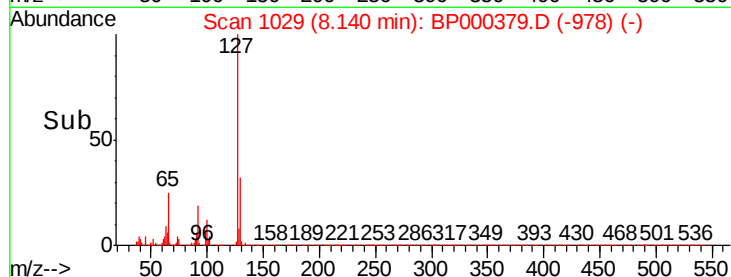
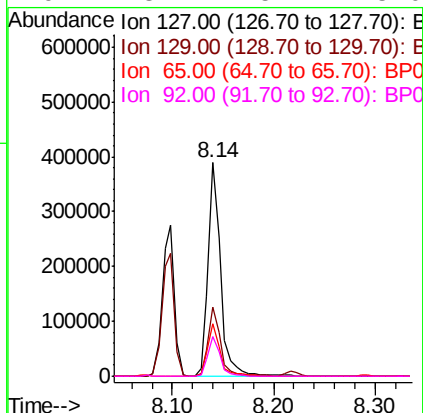
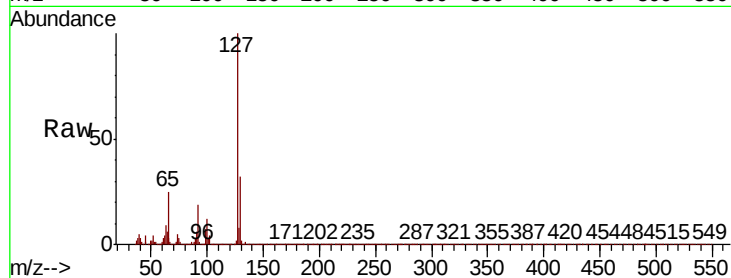




#33
4-Chloroaniline
Concen: 17.012 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BP000379.D
Acq: 23 Sep 2019 22:42

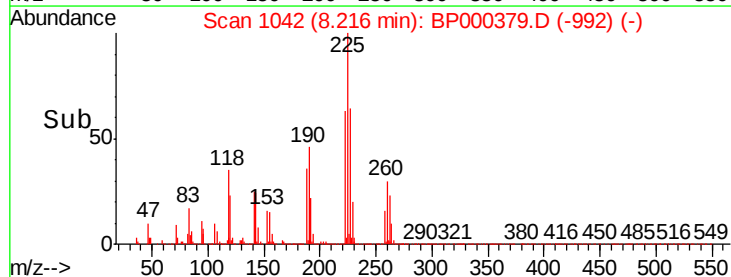
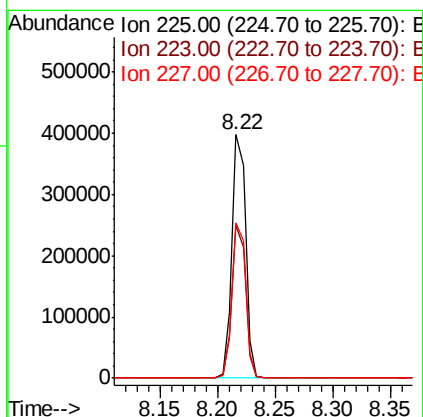
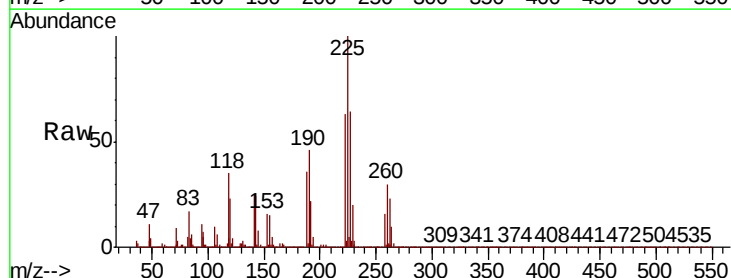
Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MSD

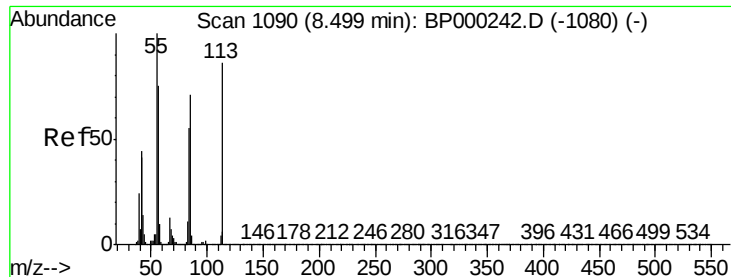
Tot Ion:	127	Resp:	332296
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.7	38.5
65	24.8	19.9	29.9
92	18.7	15.4	23.0



#34
Hexachlorobutadiene
Concen: 35.459 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BP000379.D
Acq: 23 Sep 2019 22:42

Tgt Ion:	225	Resp:	326980
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.2	75.2
227	63.8	51.8	77.6

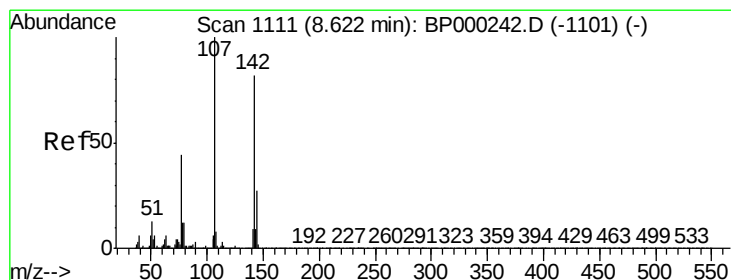
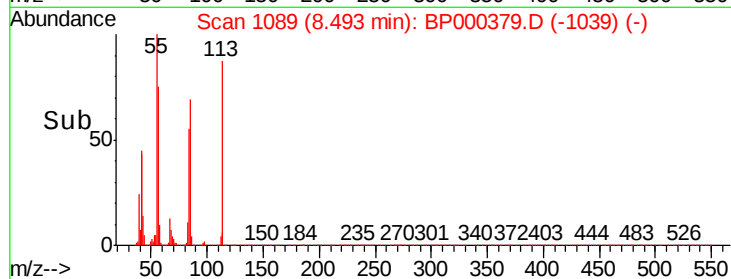
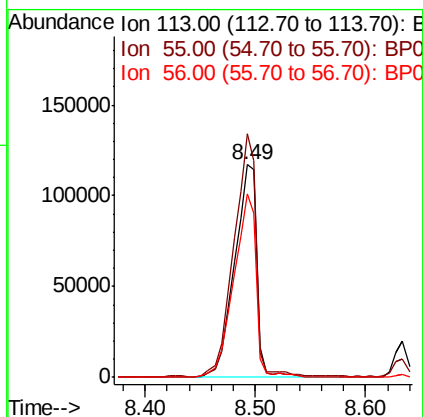
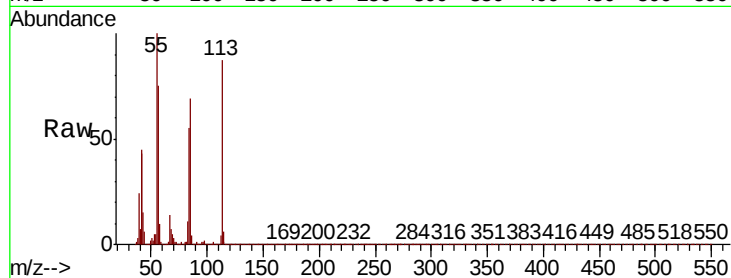




#35
 Caprolactam
 Concen: 35.968 ng
 RT: 8.49 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: BP000379.D
 Acq: 23 Sep 2019 22:42

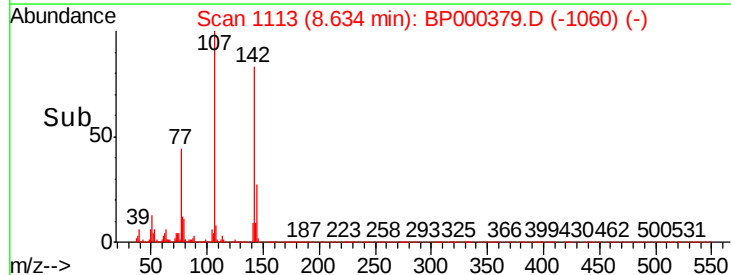
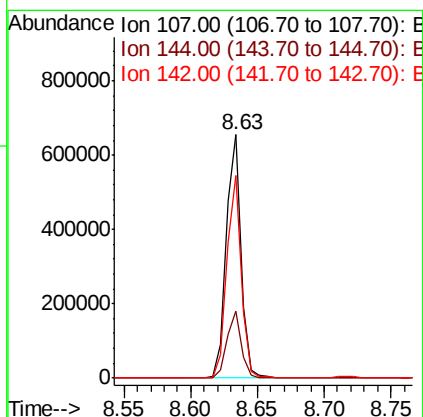
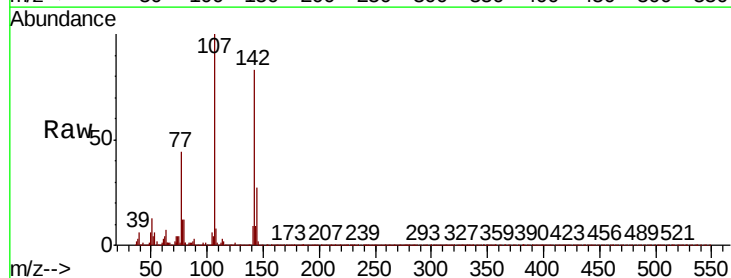
Instrument :
 BNA_P
 ClientSampleId :
 SAND-STOCKPILE-1MSD

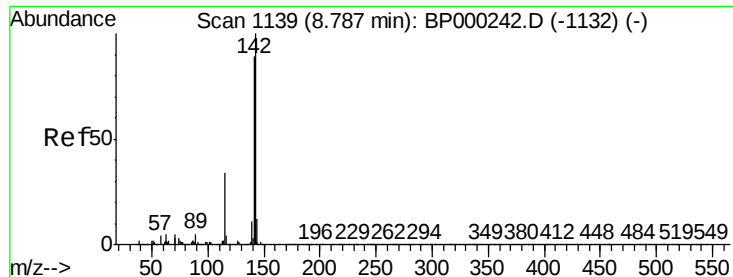
Tot Ion	Ratio	Lower	Upper
113	100		
55	114.7	96.8	136.8
56	86.3	67.5	107.5



#36
 4-Chloro-3-methylphenol
 Concen: 37.324 ng
 RT: 8.63 min Scan# 1113
 Delta R.T. 0.01 min
 Lab File: BP000379.D
 Acq: 23 Sep 2019 22:42

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.3	21.5	32.3
142	83.4	65.7	98.5

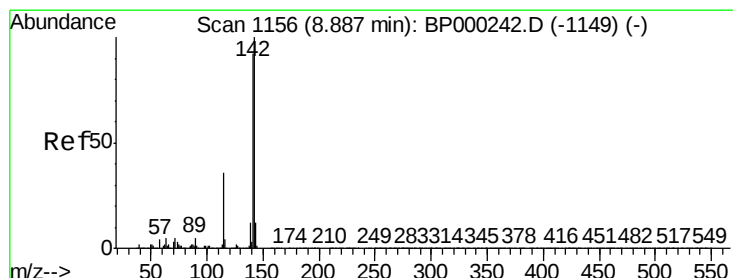
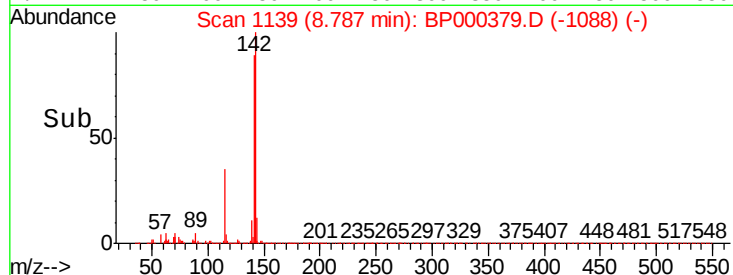
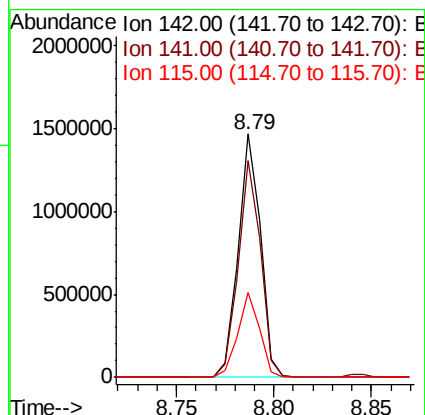
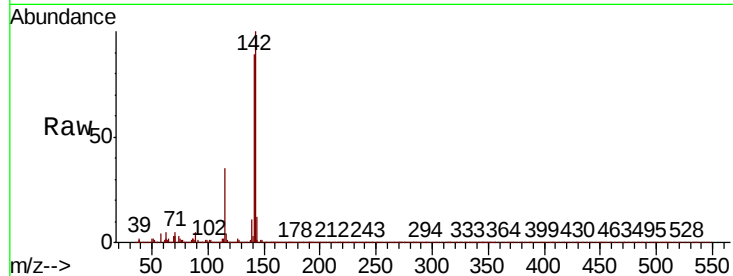




#37
2-Methylnaphthalene
Concen: 39.403 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BP000379.D
Acq: 23 Sep 2019 22:42

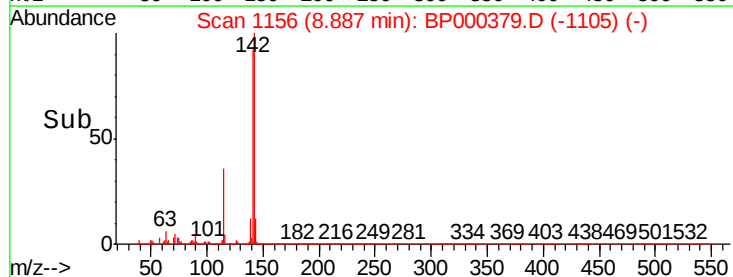
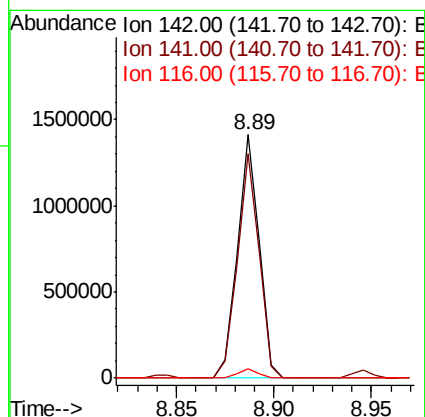
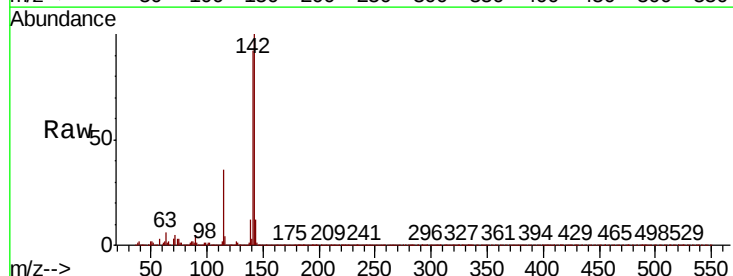
Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MSD

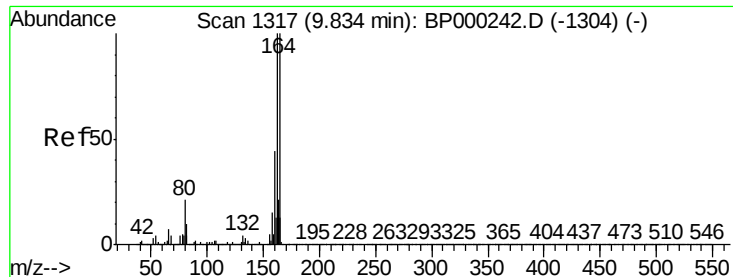
Tot Ion:142 Resp: 1162540
Ion Ratio Lower Upper
142 100
141 89.1 71.3 106.9
115 34.8 27.2 40.8



#38
1-Methylnaphthalene
Concen: 39.119 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BP000379.D
Acq: 23 Sep 2019 22:42

Tgt Ion:142 Resp: 1081158
Ion Ratio Lower Upper
142 100
141 92.1 73.9 110.9
116 3.7 3.0 4.6

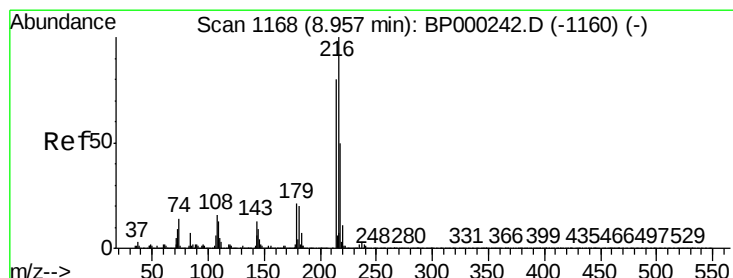
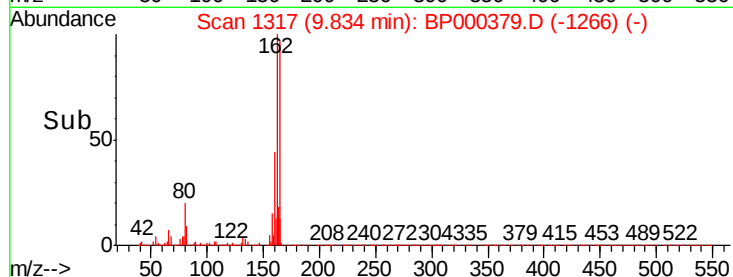
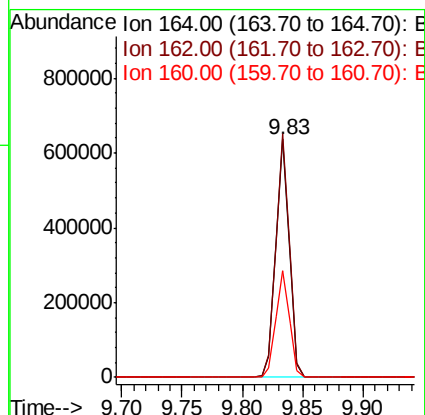
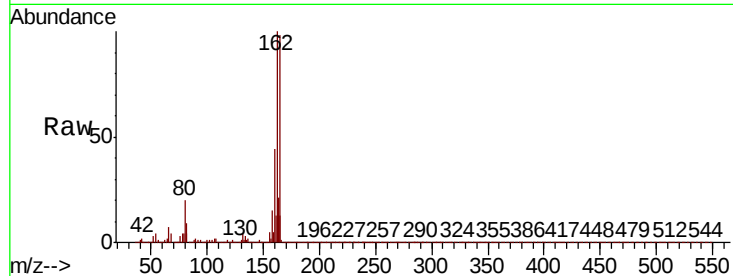




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000379.D
Acq: 23 Sep 2019 22:42

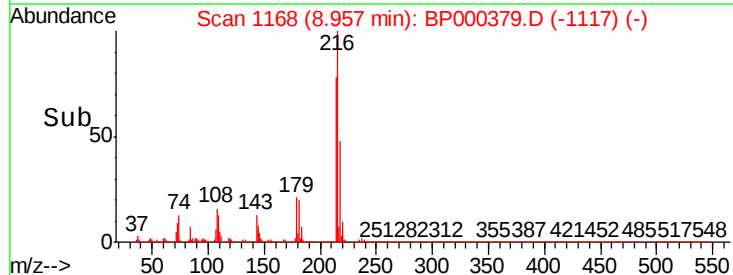
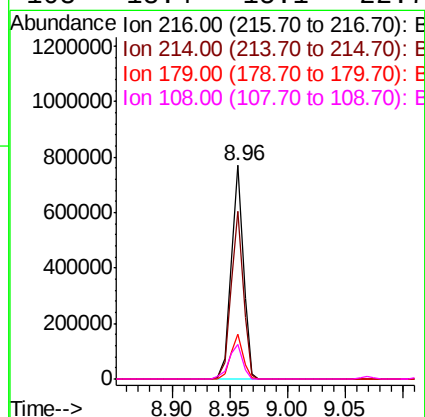
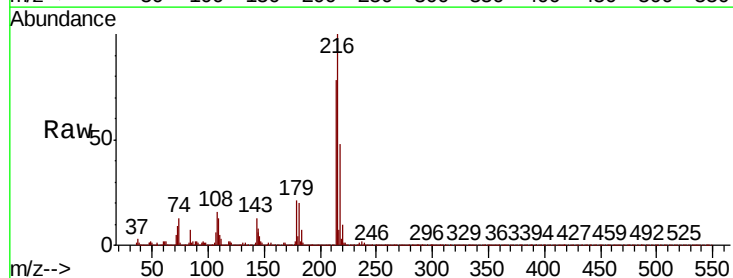
Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MSD

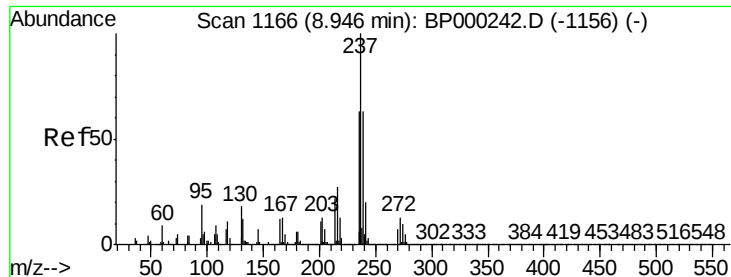
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	79.9	119.9
160	44.8	35.6	53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.163 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BP000379.D
Acq: 23 Sep 2019 22:42

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.6	95.4
179	21.0	17.0	25.4
108	18.4	15.1	22.7

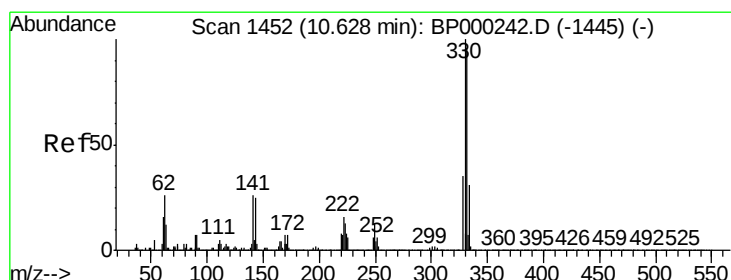
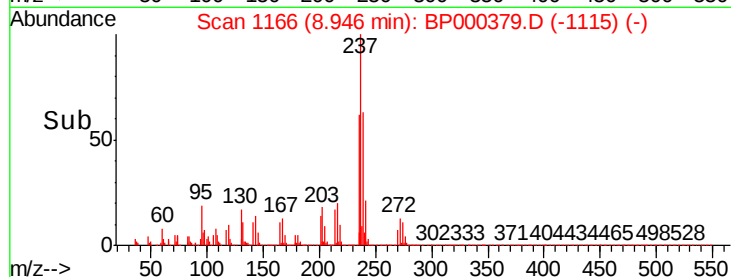
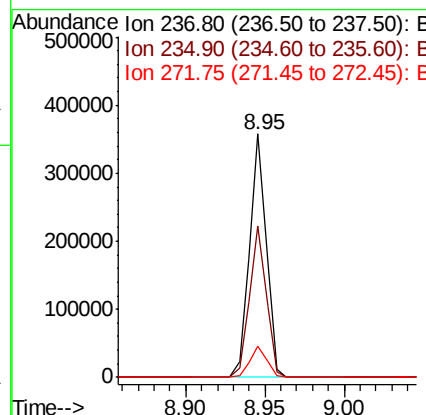
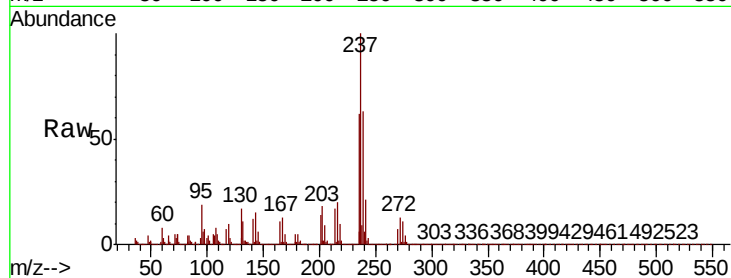




#41
Hexachlorocyclopentadiene
Concen: 31.633 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BP000379.D
Acq: 23 Sep 2019 22:42

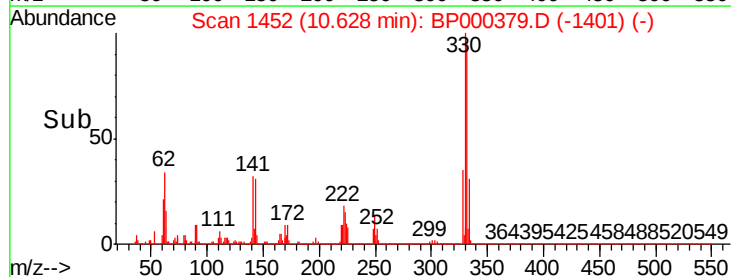
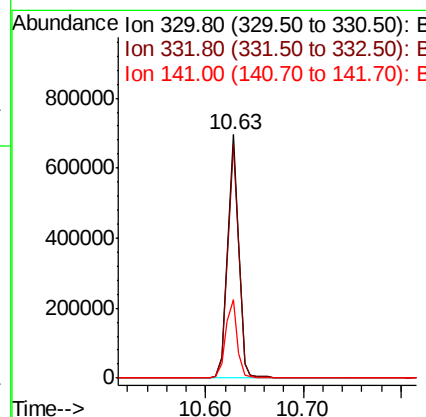
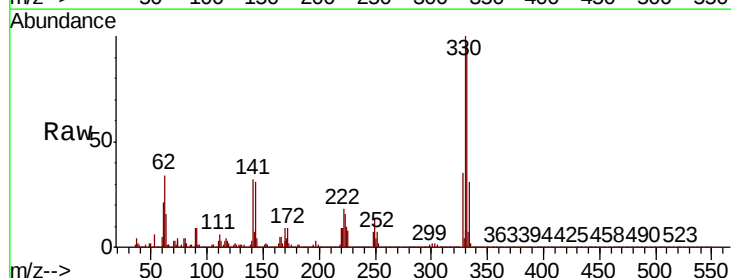
Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MSD

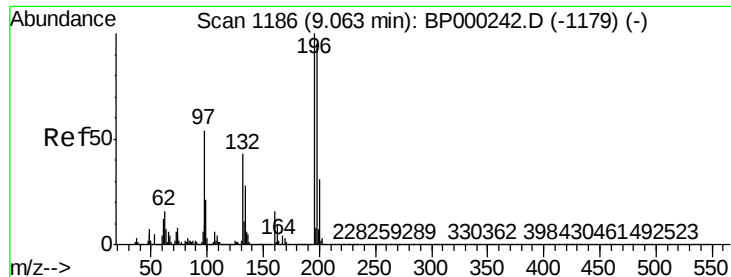
Tot Ion:	237	Resp:	260579
Ion	Ratio	Lower	Upper
237	100		
235	62.3	43.5	83.5
272	13.0	0.0	33.0



#42
2,4,6-Tribromophenol
Concen: 111.685 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BP000379.D
Acq: 23 Sep 2019 22:42

Tgt Ion:	330	Resp:	555802
Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	115.0
141	32.8	26.5	39.7

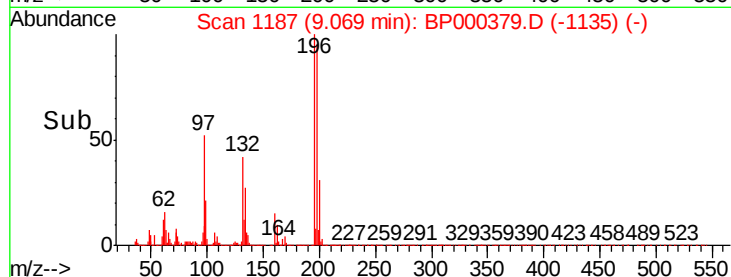
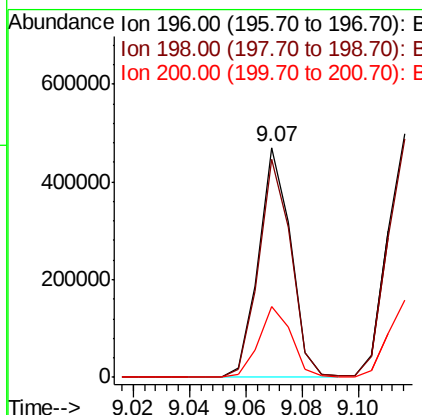
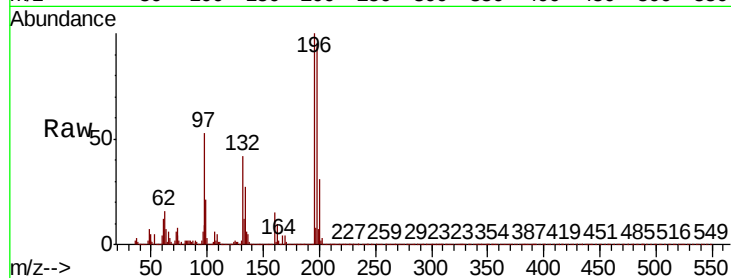




#43
2,4,6-Trichlorophenol
Concen: 37.489 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BP000379.D
Acq: 23 Sep 2019 22:42

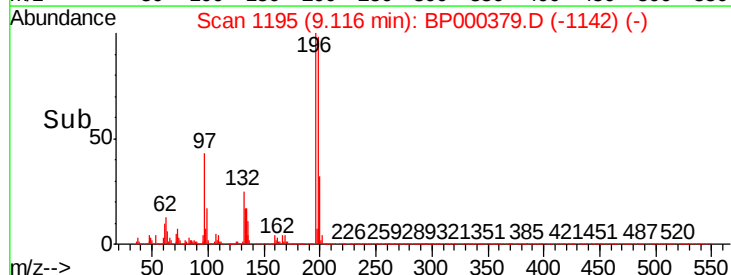
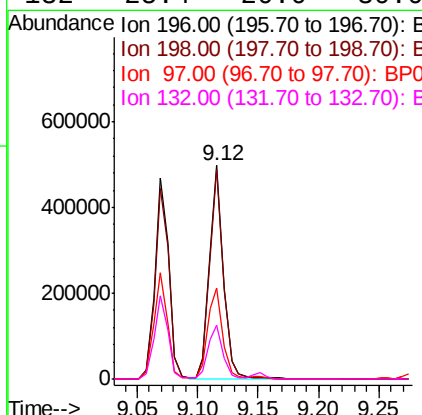
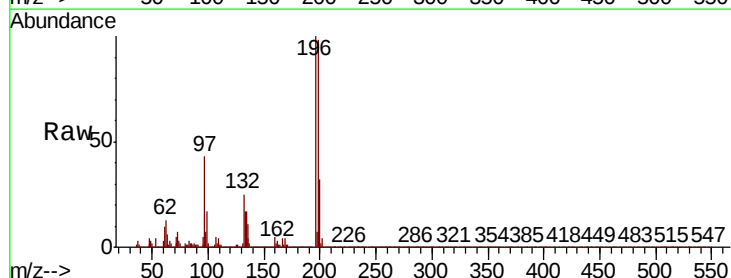
Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MSD

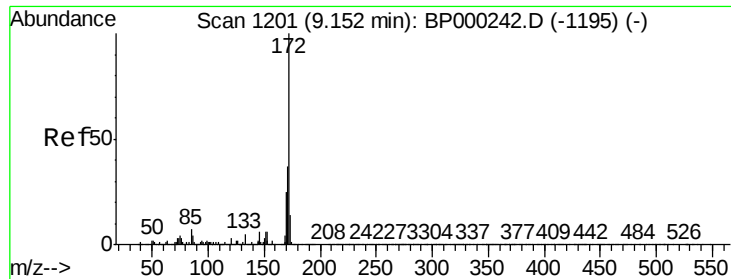
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.8	76.0	114.0
200	31.0	24.6	37.0



#44
2,4,5-Trichlorophenol
Concen: 39.124 ng
RT: 9.12 min Scan# 1195
Delta R.T. 0.01 min
Lab File: BP000379.D
Acq: 23 Sep 2019 22:42

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.1	78.1	117.1
97	42.8	33.3	49.9
132	25.4	20.0	30.0

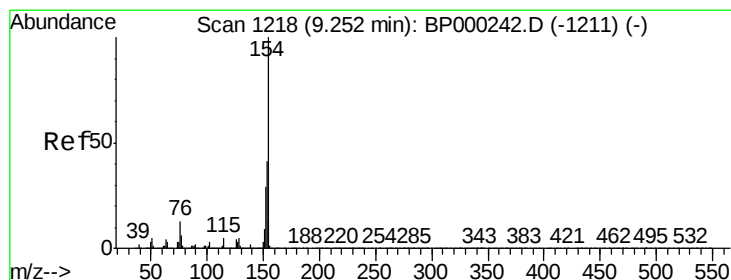
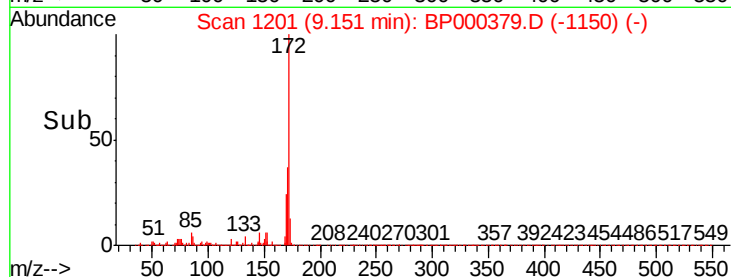
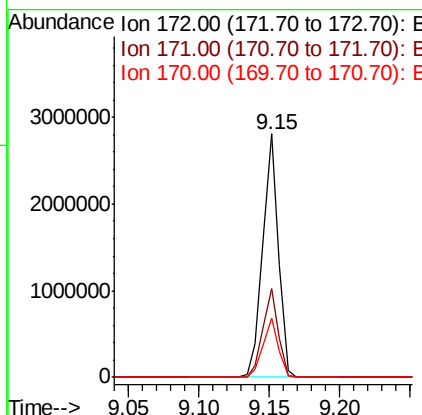
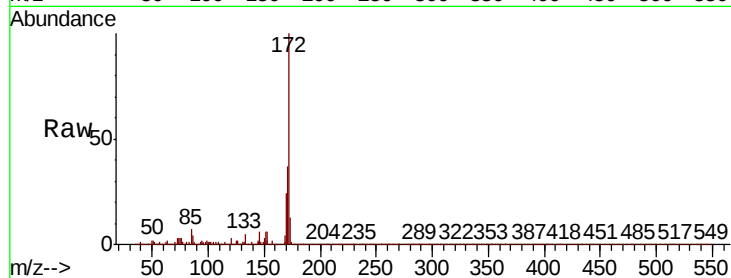




#45
2-Fluorobiphenyl
Concen: 79.949 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000379.D
Acq: 23 Sep 2019 22:42

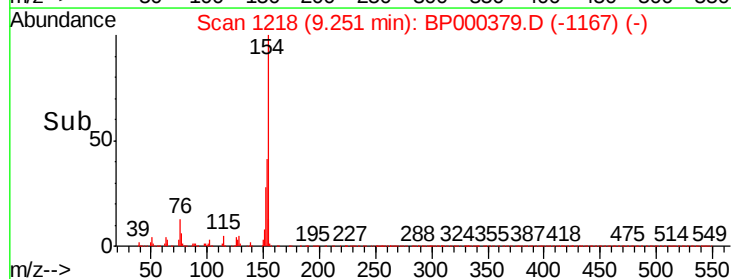
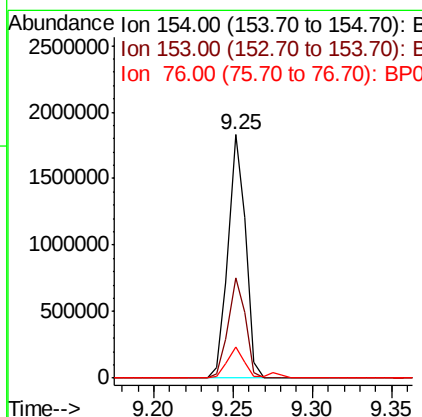
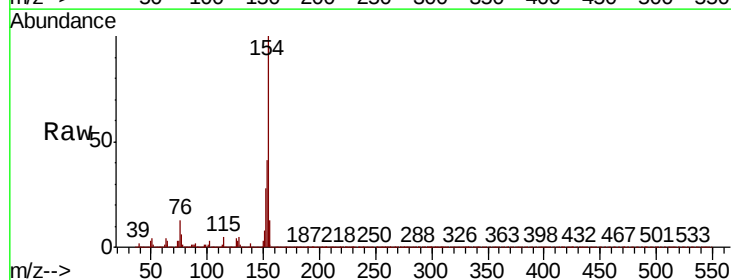
Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MSD

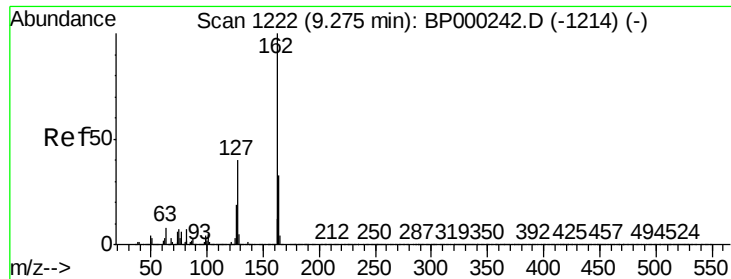
Tot Ion:172 Resp: 2228738
Ion Ratio Lower Upper
172 100
171 36.6 29.8 44.6
170 24.4 19.8 29.6



#46
1,1'-Biphenyl
Concen: 40.389 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BP000379.D
Acq: 23 Sep 2019 22:42

Tgt Ion:154 Resp: 1401852
Ion Ratio Lower Upper
154 100
153 41.1 21.4 61.4
76 12.7 0.0 33.4





#47

2-Chloronaphthalene

Concen: 37.216 ng

RT: 9.28 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BP000379.D

Acq: 23 Sep 2019 22:42

Instrument :

BNA_P

ClientSampleId :

SAND-STOCKPILE-1MSD

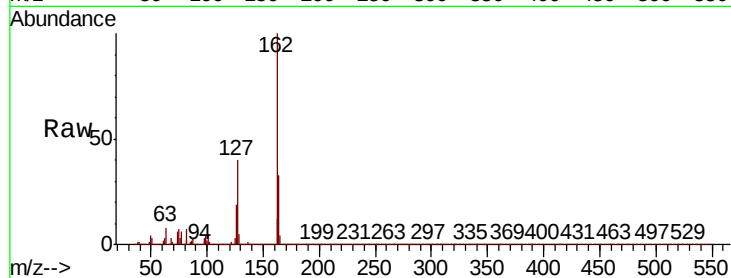
Tot Ion:162 Resp: 1083588

Ion Ratio Lower Upper

162 100

127 39.9 32.4 48.6

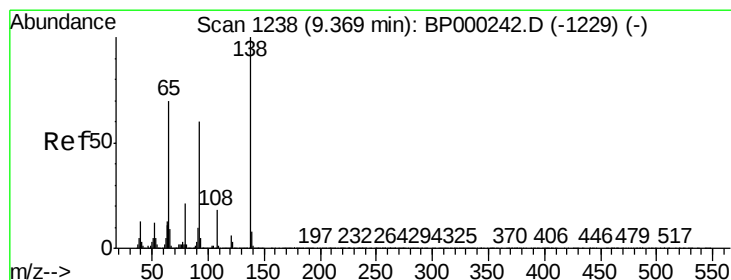
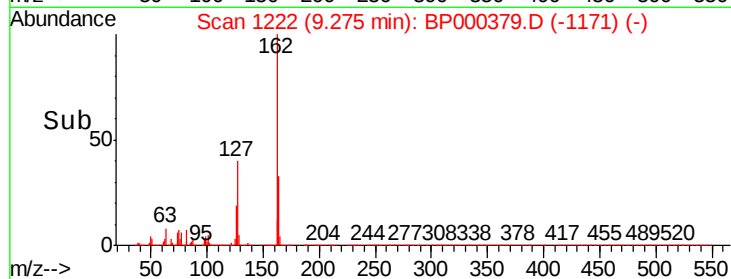
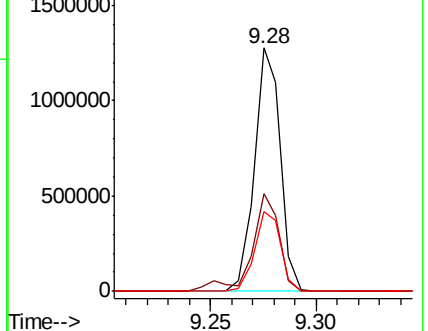
164 33.0 26.3 39.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 35.496 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BP000379.D

Acq: 23 Sep 2019 22:42

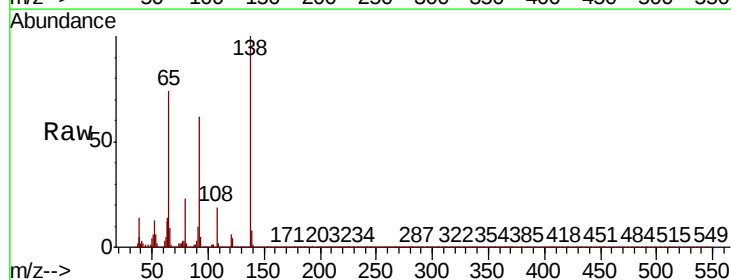
Tgt Ion: 65 Resp: 262455

Ion Ratio Lower Upper

65 100

92 84.3 68.7 103.1

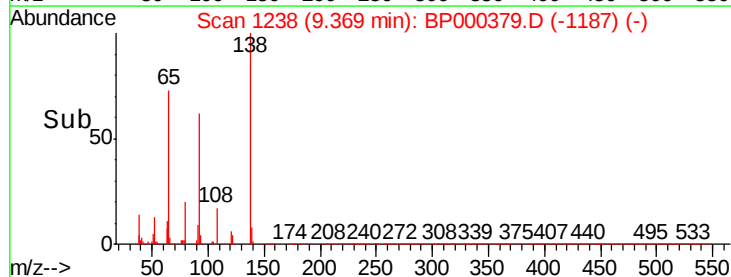
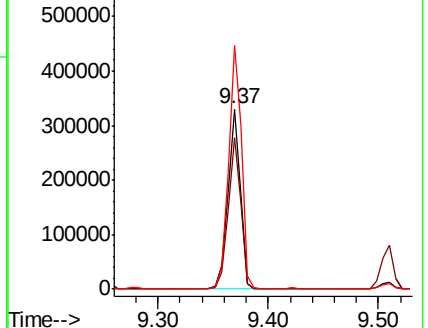
138 135.5 114.4 171.6

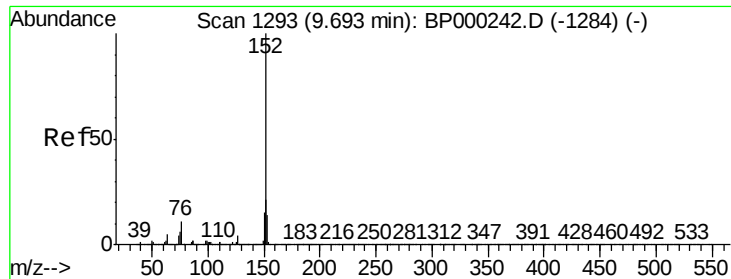


Abundance Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.940 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BP000379.D

Acq: 23 Sep 2019 22:42

Instrument :

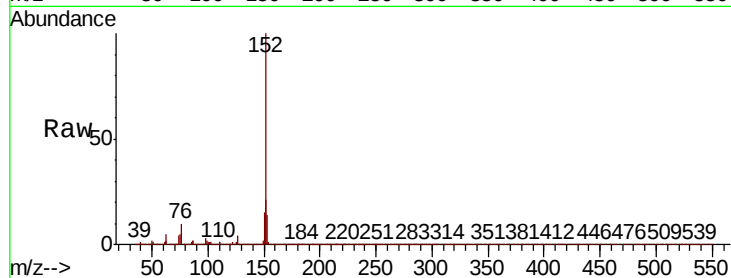
BNA_P

ClientSampleId :

SAND-STOCKPILE-1MSD

Tot Ion:152 Resp: 1835556

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.4	24.6
153	13.8	11.0	16.4

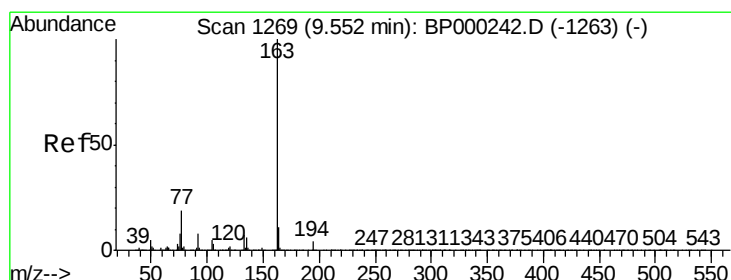
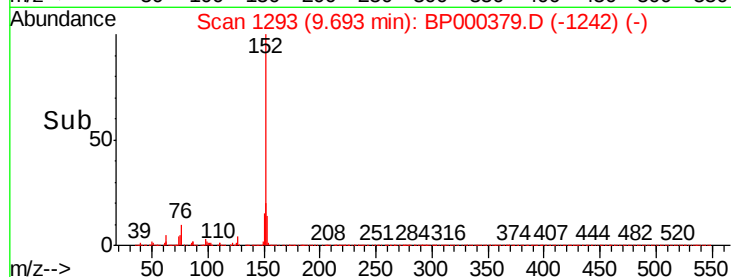
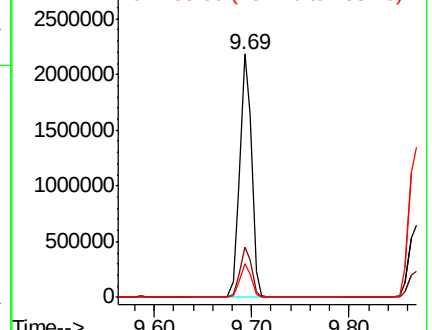


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.864 ng

RT: 9.55 min Scan# 1269

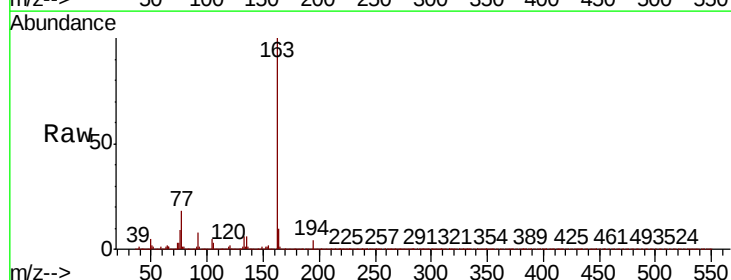
Delta R.T. -0.00 min

Lab File: BP000379.D

Acq: 23 Sep 2019 22:42

Tgt Ion:163 Resp: 1533612

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	10.5	8.5	12.7

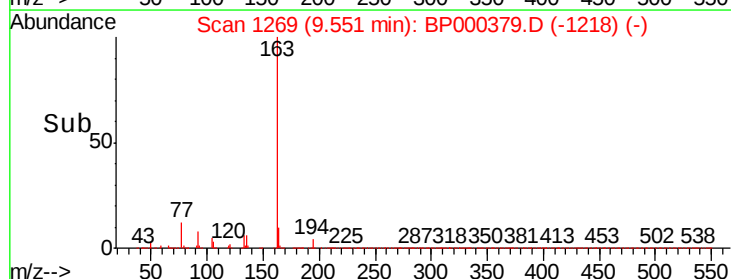
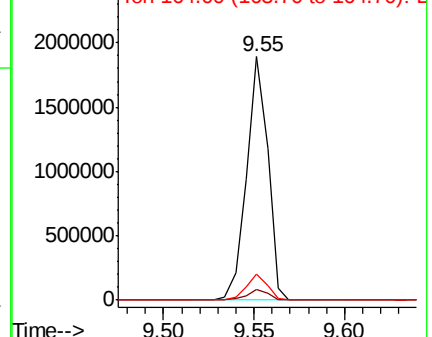


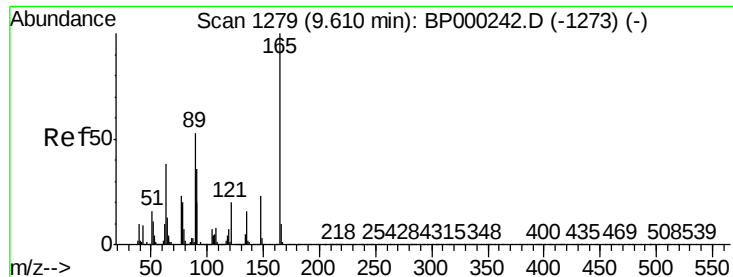
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

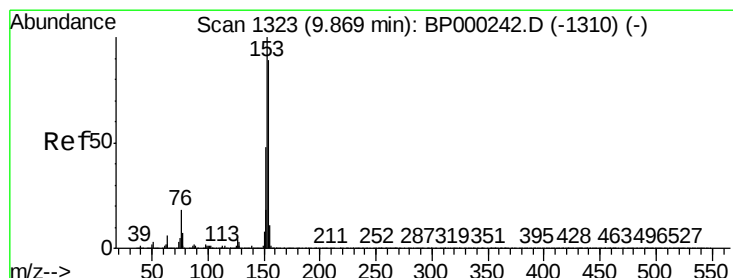
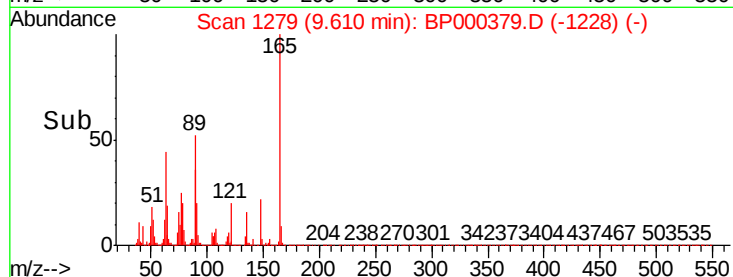
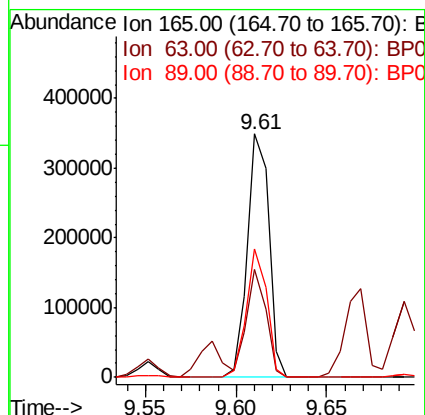
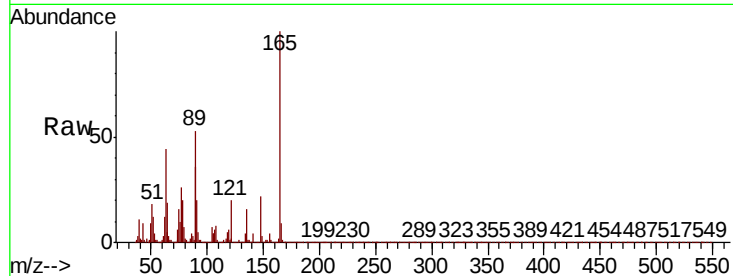




#51
2,6-Dinitrotoluene
Concen: 38.294 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BP000379.D
Acq: 23 Sep 2019 22:42

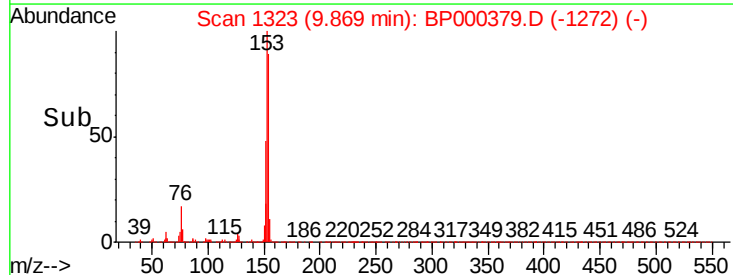
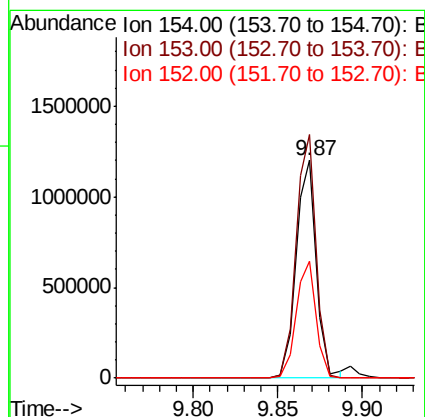
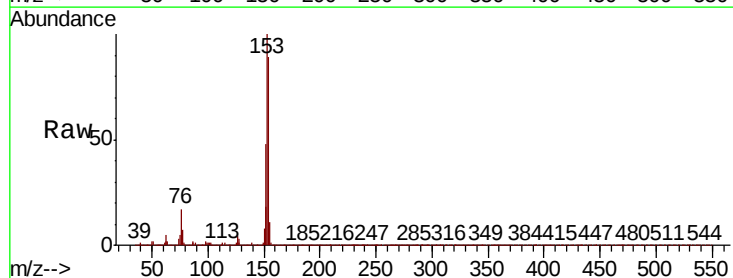
Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MSD

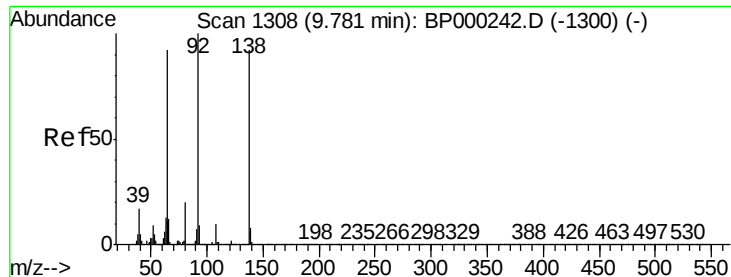
Tot Ion	Ratio	Lower	Upper
165	100		
63	44.1	35.8	53.8
89	52.5	42.6	63.8



#52
Acenaphthene
Concen: 36.573 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BP000379.D
Acq: 23 Sep 2019 22:42

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.0	89.8	134.6
152	53.9	43.4	65.0

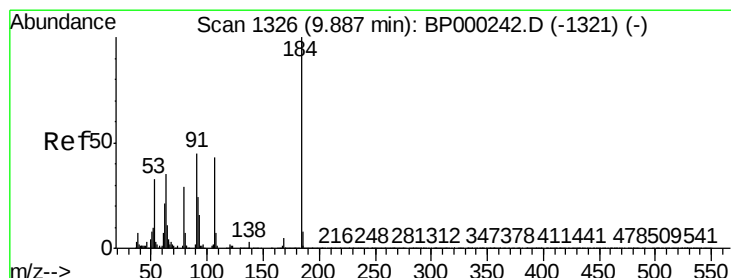
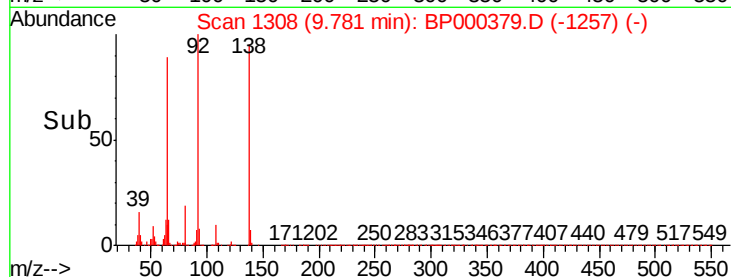
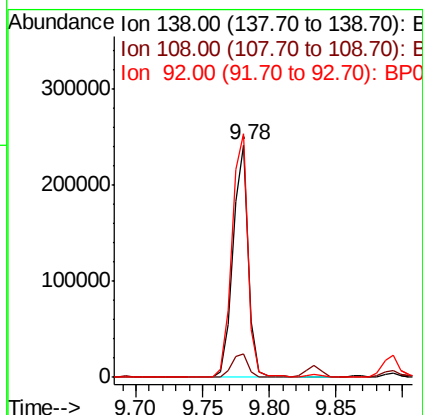
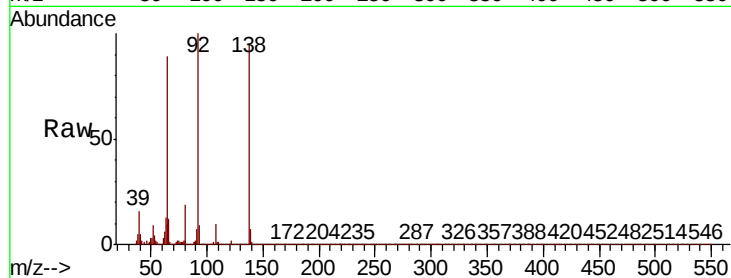




#53
3-Nitroaniline
Concen: 22.356 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BP000379.D
Acq: 23 Sep 2019 22:42

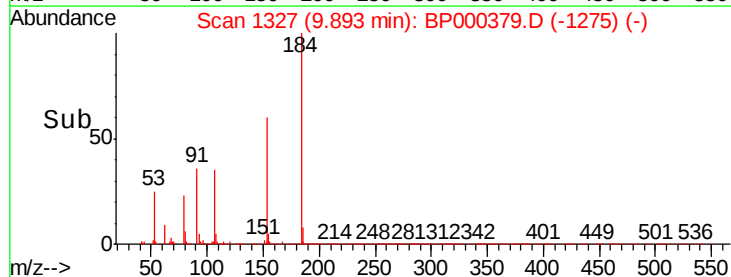
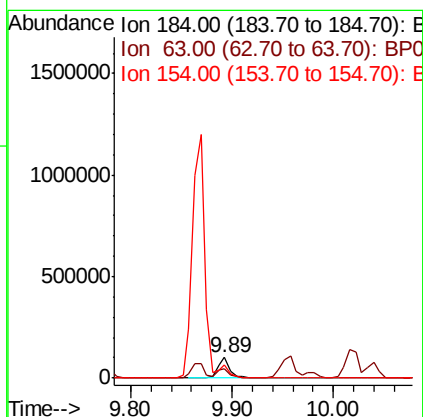
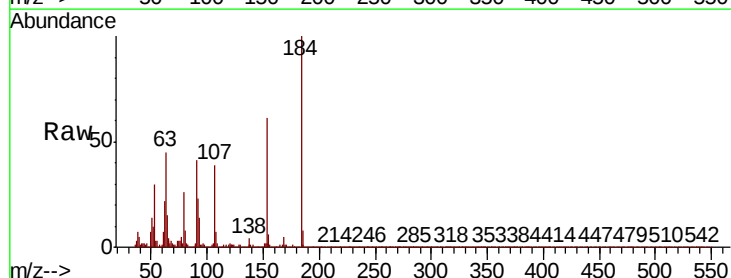
Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MSD

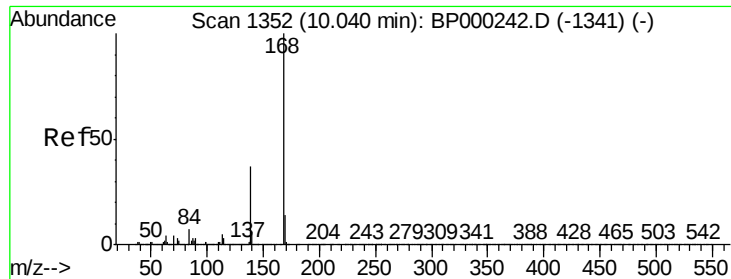
Tot Ion:138 Resp: 195043
Ion Ratio Lower Upper
138 100
108 10.3 9.1 13.7
92 104.8 86.7 130.1



#54
2,4-Dinitrophenol
Concen: 27.542 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BP000379.D
Acq: 23 Sep 2019 22:42

Tgt Ion:184 Resp: 91459
Ion Ratio Lower Upper
184 100
63 45.2 39.5 59.3
154 61.3 48.8 73.2

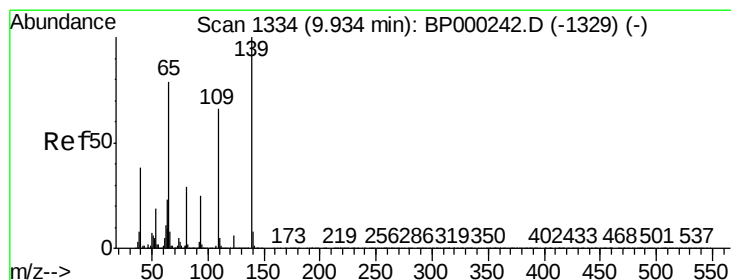
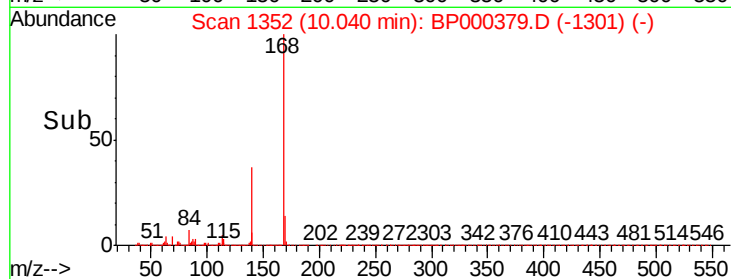
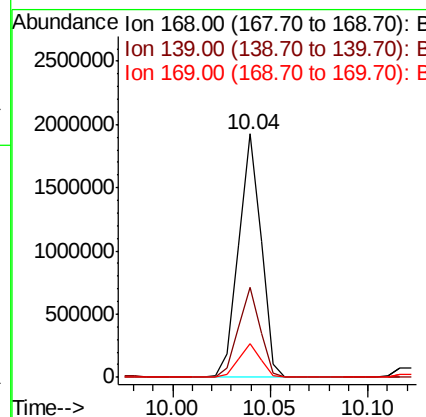
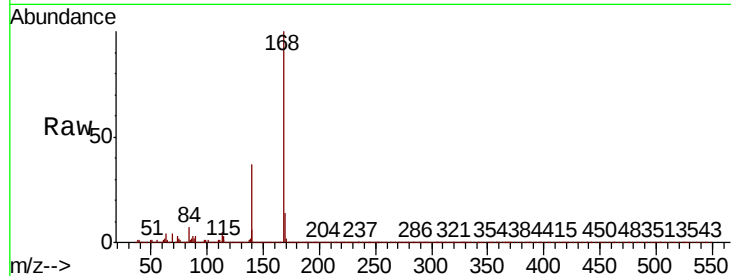




#55
Dibenzofuran
Concen: 39.405 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BP000379.D
Acq: 23 Sep 2019 22:42

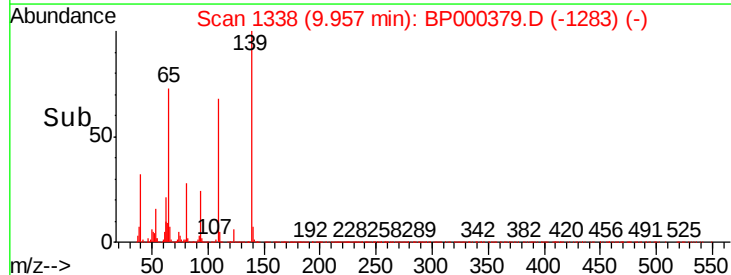
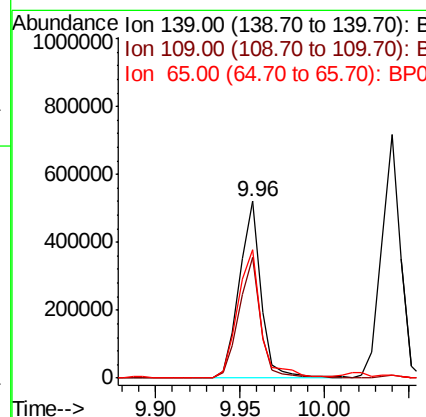
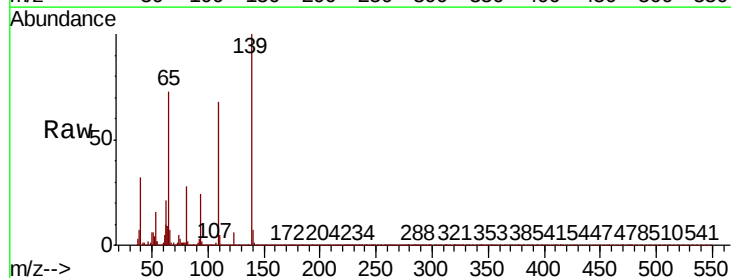
Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MSD

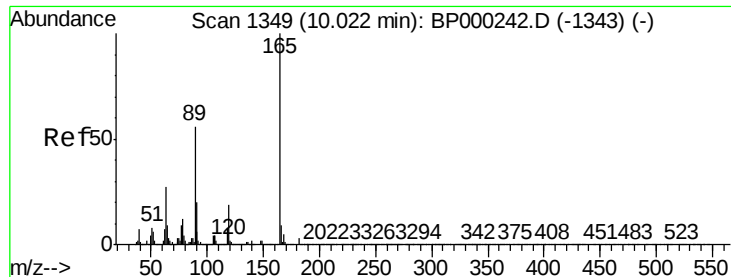
Tot Ion:168 Resp: 1538510
Ion Ratio Lower Upper
168 100
139 37.2 30.0 45.0
169 13.6 11.0 16.6



#56
4-Nitrophenol
Concen: 71.236 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.02 min
Lab File: BP000379.D
Acq: 23 Sep 2019 22:42

Tgt Ion:139 Resp: 462246
Ion Ratio Lower Upper
139 100
109 68.0 46.2 86.2
65 73.0 59.4 99.4





#57

2,4-Dinitrotoluene

Concen: 38.254 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.00 min

Lab File: BP000379.D

Acq: 23 Sep 2019 22:42

Instrument :

BNA_P

ClientSampleId :

SAND-STOCKPILE-1MSD

Tot Ion:165 Resp: 375881

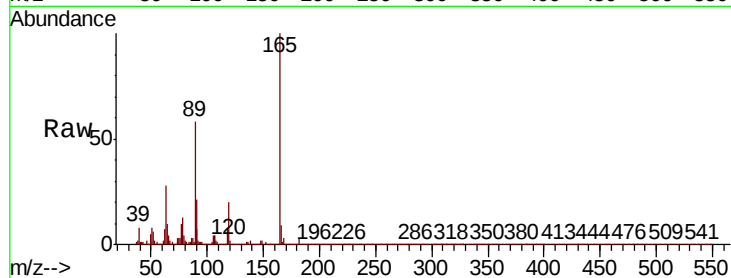
Ion Ratio Lower Upper

165 100

63 27.9 21.7 32.5

89 58.0 45.0 67.6

182 3.1 2.4 3.6

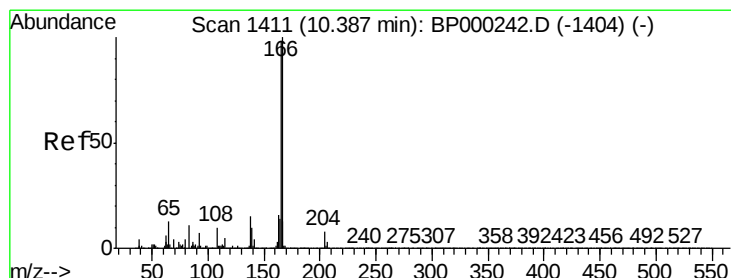
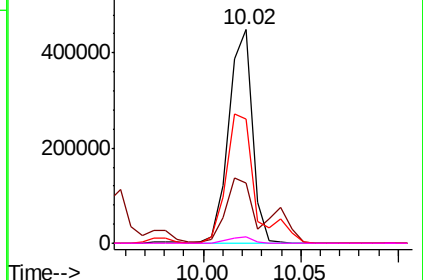
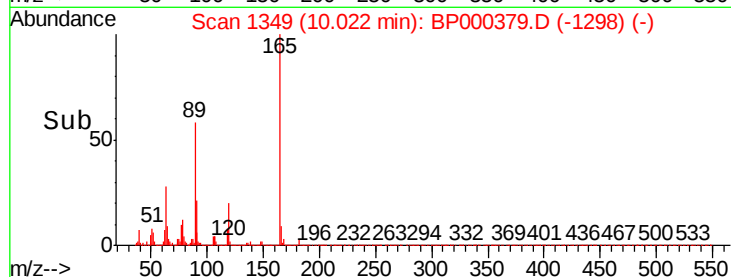


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 40.445 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.00 min

Lab File: BP000379.D

Acq: 23 Sep 2019 22:42

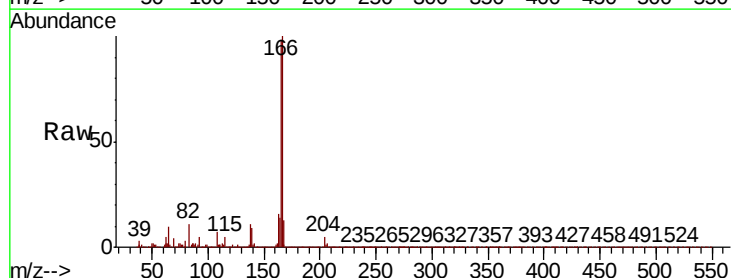
Tgt Ion:166 Resp: 1219695

Ion Ratio Lower Upper

166 100

165 98.3 78.2 117.2

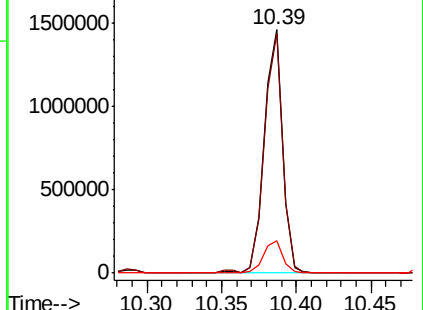
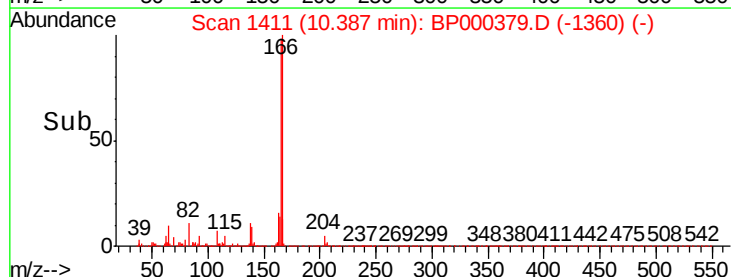
167 13.2 10.7 16.1

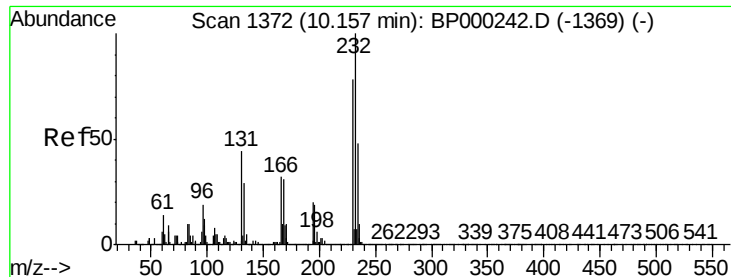


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.911 ng

RT: 10.16 min Scan# 1373

Delta R.T. 0.01 min

Lab File: BP000379.D

Acq: 23 Sep 2019 22:42

Instrument :

BNA_P

ClientSampleId :

SAND-STOCKPILE-1MSD

Tot Ion:232 Resp: 325441

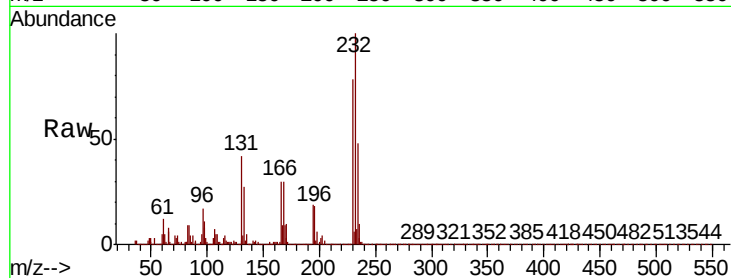
Ion Ratio Lower Upper

232 100

131 40.8 33.6 50.4

130 2.1 1.8 2.6

166 29.0 24.2 36.2

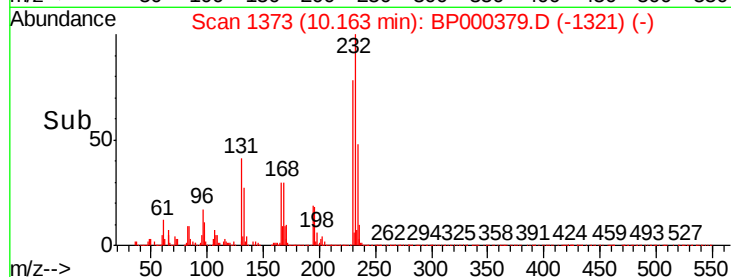


Abundance Ion 232.00 (231.70 to 232.70): E

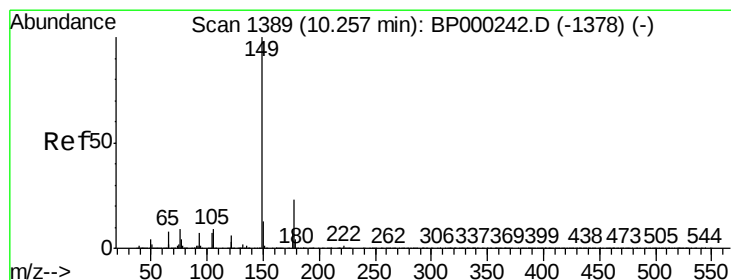
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#60

Diethylphthalate

Concen: 37.482 ng

RT: 10.26 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BP000379.D

Acq: 23 Sep 2019 22:42

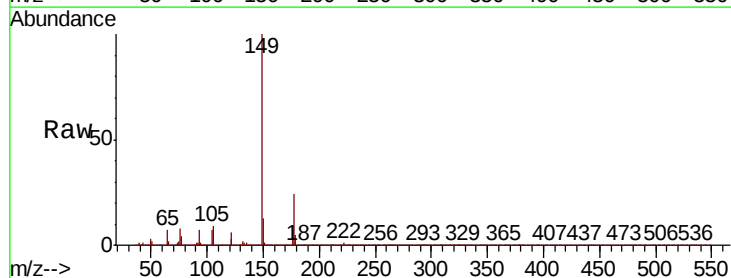
Tgt Ion:149 Resp: 1232562

Ion Ratio Lower Upper

149 100

177 23.5 18.1 27.1

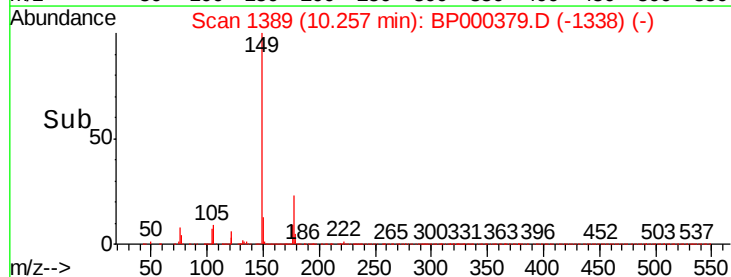
150 12.6 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



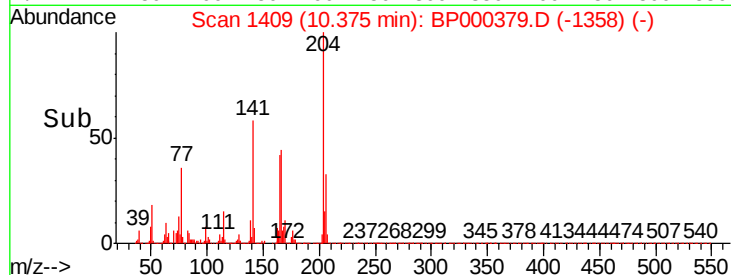
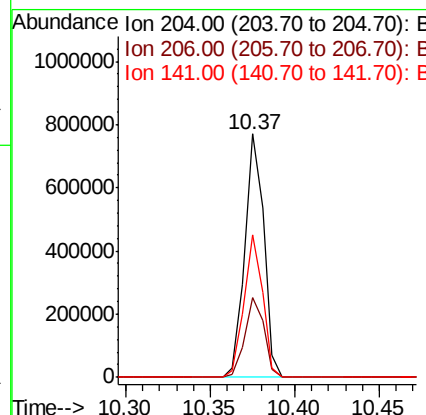
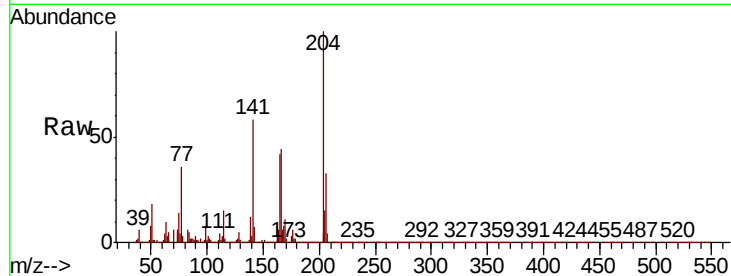
Time-->



#61
4-Chlorophenyl-phenylether
Concen: 38.881 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BP000379.D
Acq: 23 Sep 2019 22:42

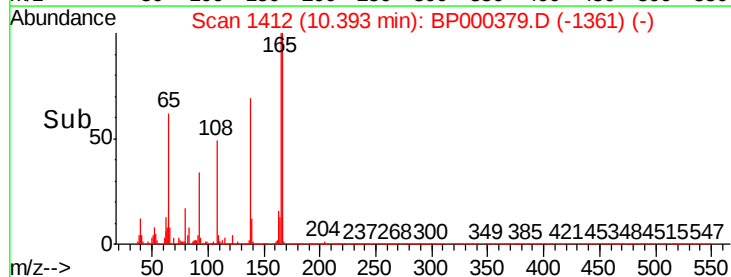
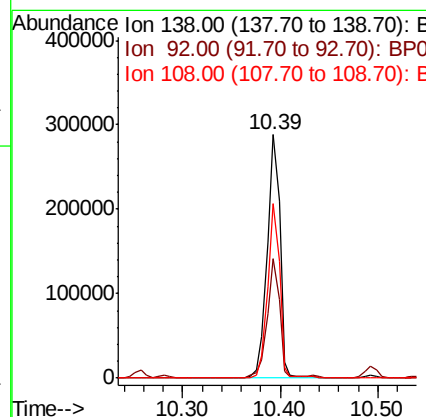
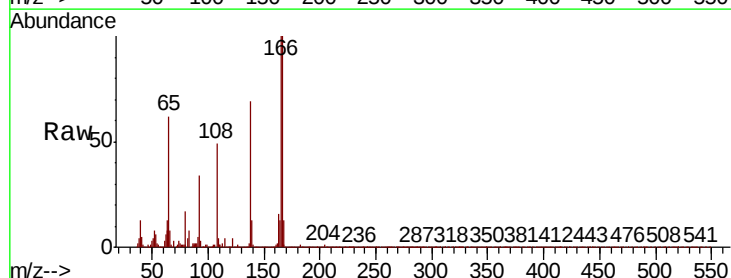
Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MSD

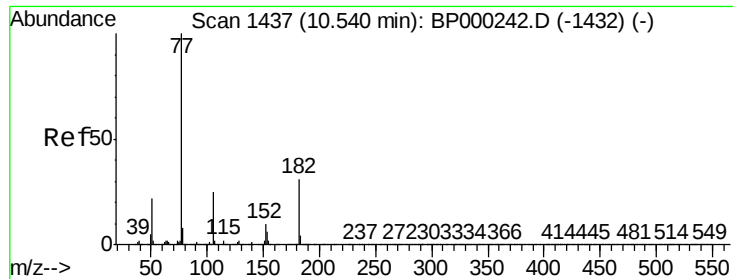
Tot Ion:204 Resp: 601880
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 58.5 48.6 72.8



#62
4-Nitroaniline
Concen: 30.887 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BP000379.D
Acq: 23 Sep 2019 22:42

Tgt Ion:138 Resp: 265046
Ion Ratio Lower Upper
138 100
92 49.2 30.1 70.1
108 71.4 49.5 89.5

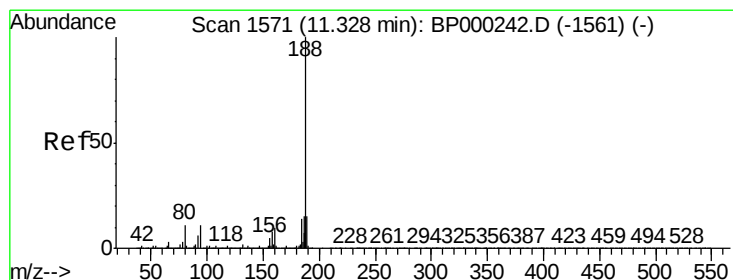
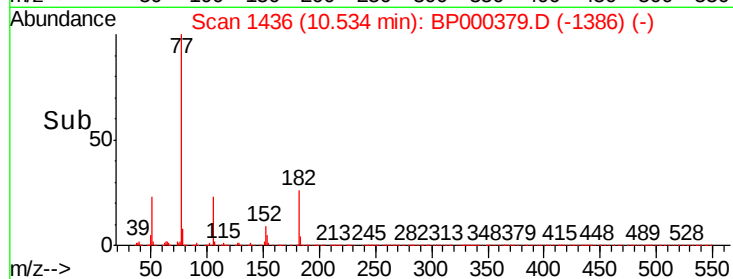
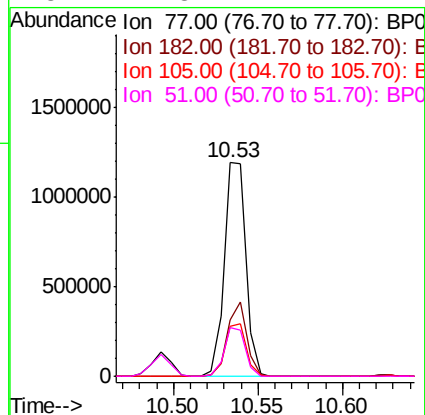
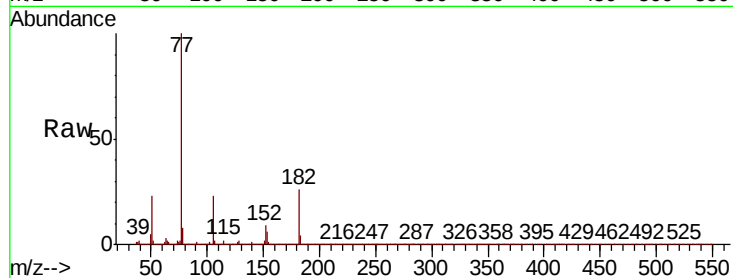




#63
Azobenzene
Concen: 37.895 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BP000379.D
Acq: 23 Sep 2019 22:42

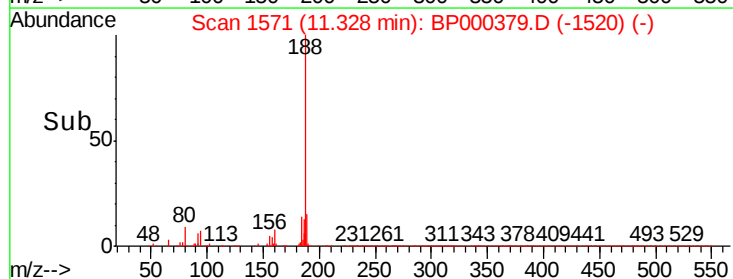
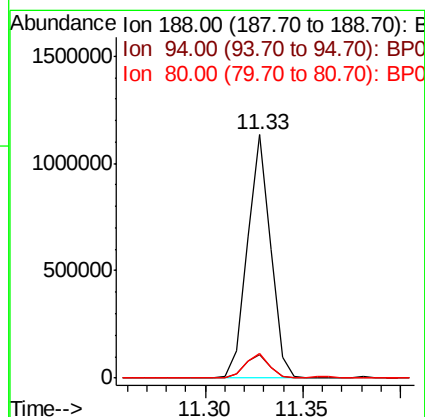
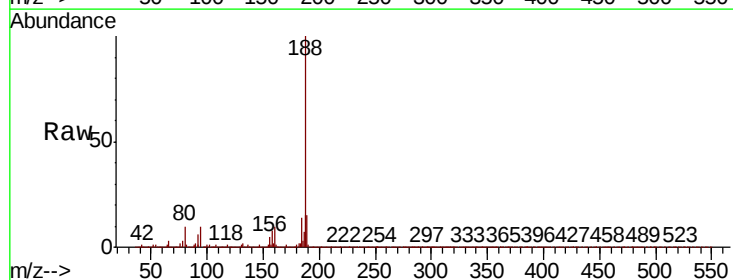
Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MSD

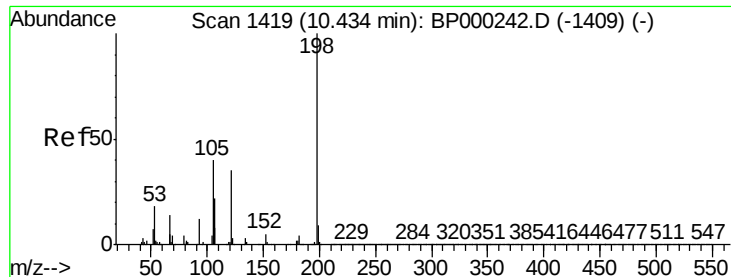
Tot Ion: 77 Resp: 1055745
Ion Ratio Lower Upper
77 100
182 26.4 11.1 51.1
105 23.1 4.7 44.7
51 22.8 2.2 42.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BP000379.D
Acq: 23 Sep 2019 22:42

Tgt Ion: 188 Resp: 931526
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 10.0 8.6 13.0





#65

4,6-Dinitro-2-methylphenol

Concen: 18.968 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BP000379.D

Acq: 23 Sep 2019 22:42

Instrument :

BNA_P

ClientSampleId :

SAND-STOCKPILE-1MSD

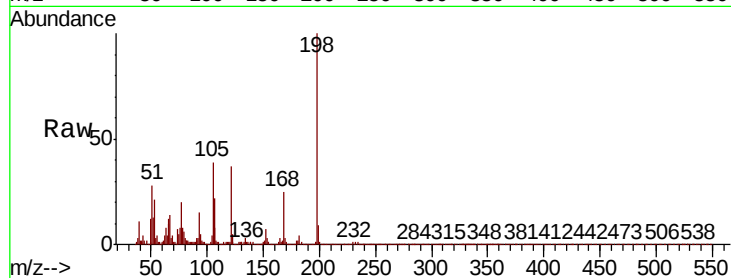
Tot Ion:198 Resp: 83080

Ion Ratio Lower Upper

198 100

51 27.6 7.4 47.4

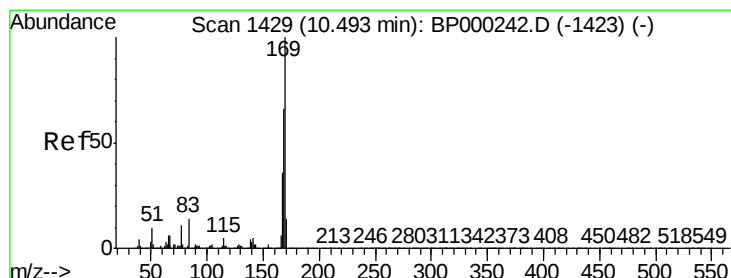
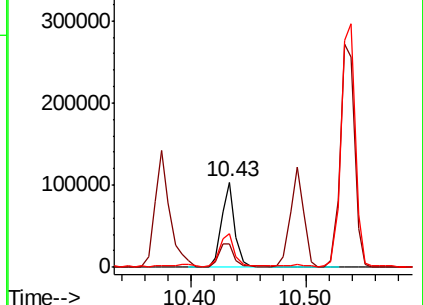
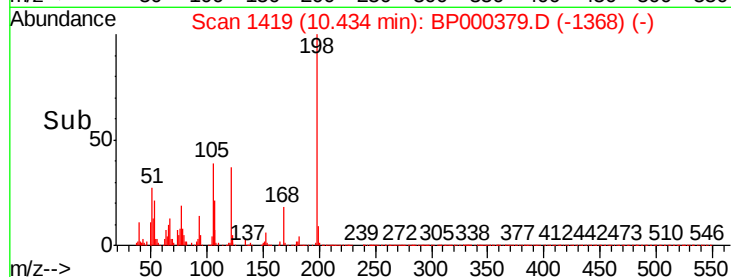
105 39.5 20.2 60.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.978 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.00 min

Lab File: BP000379.D

Acq: 23 Sep 2019 22:42

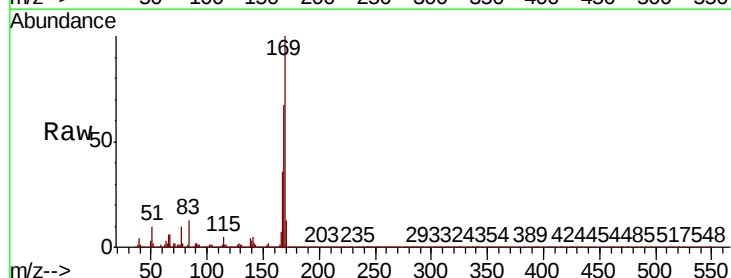
Tgt Ion:169 Resp: 1065000

Ion Ratio Lower Upper

169 100

168 67.4 52.9 79.3

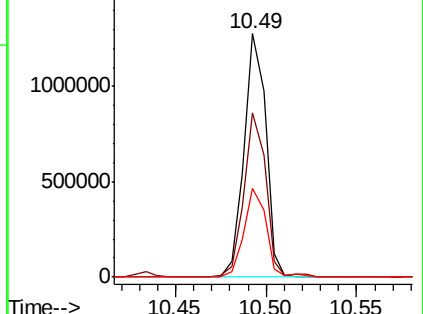
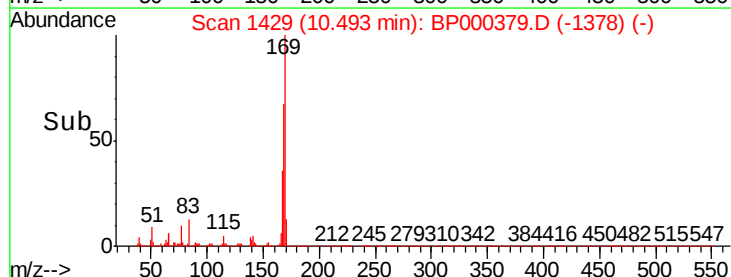
167 36.3 29.0 43.6

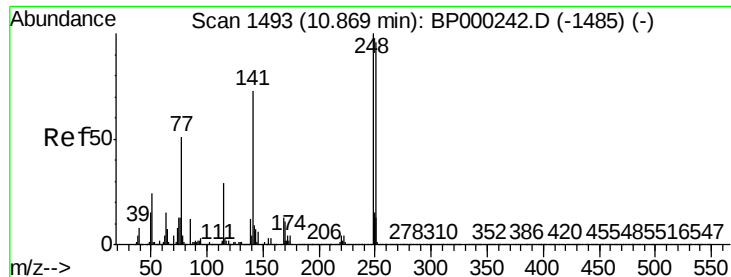


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

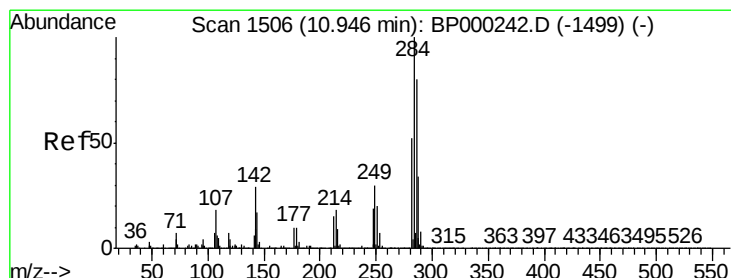
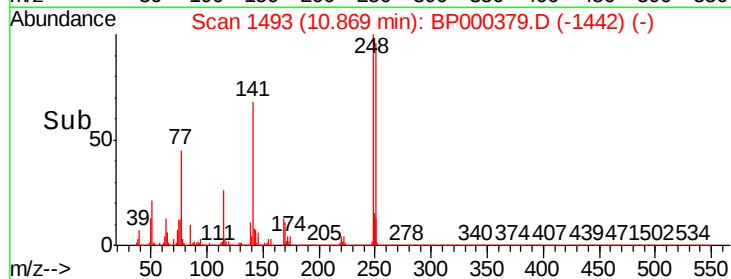
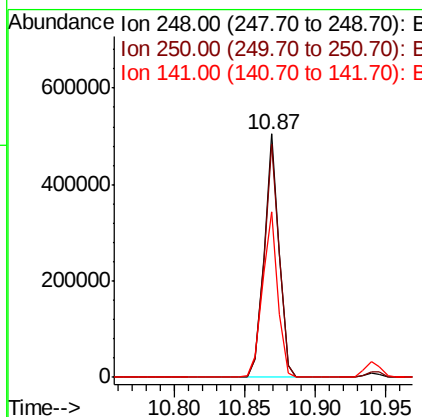
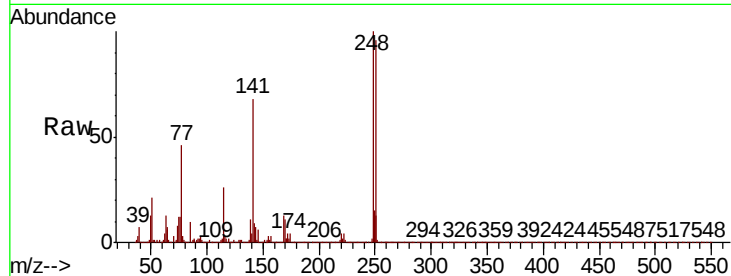




#67
4-Bromophenyl-phenylether
Concen: 36.161 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BP000379.D
Acq: 23 Sep 2019 22:42

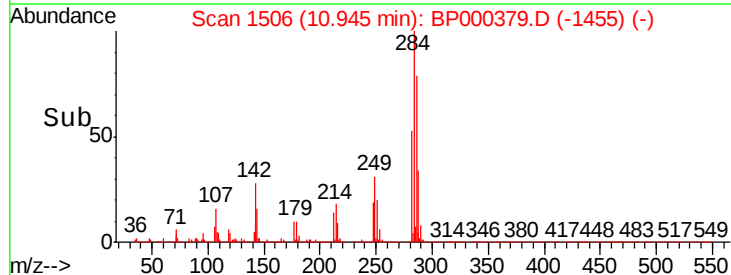
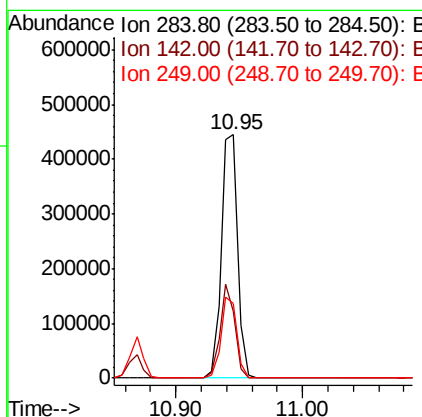
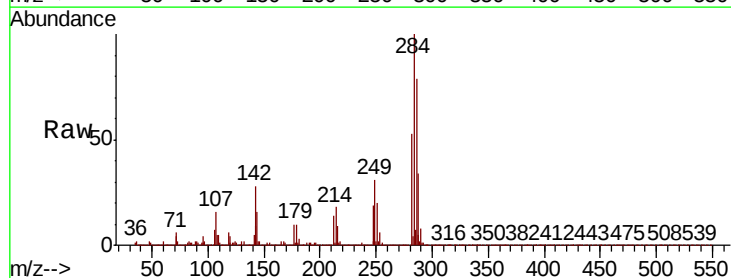
Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MSD

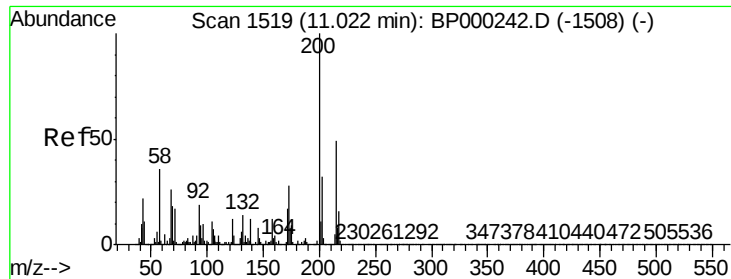
Tot Ion:	248	Resp:	380913
Ion	Ratio	Lower	Upper
248	100		
250	95.7	77.0	115.4
141	68.1	58.5	87.7



#68
Hexachlorobenzene
Concen: 34.640 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BP000379.D
Acq: 23 Sep 2019 22:42

Tgt Ion:	284	Resp:	398912
Ion	Ratio	Lower	Upper
284	100		
142	27.8	23.6	35.4
249	30.6	24.3	36.5





#69

Atrazine

Concen: 55.415 ng

RT: 11.03 min Scan# 1520

Delta R.T. 0.01 min

Lab File: BP000379.D

Acq: 23 Sep 2019 22:42

Instrument :

BNA_P

ClientSampleId :

SAND-STOCKPILE-1MSD

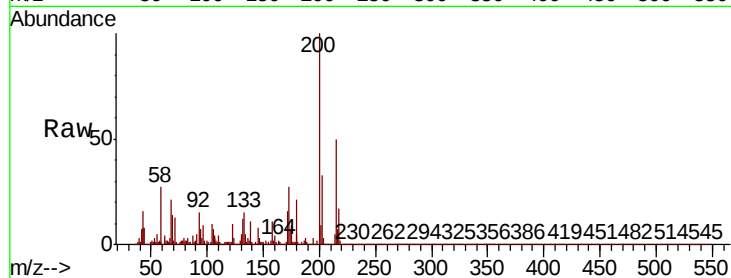
Tot Ion:200 Resp: 327127

Ion Ratio Lower Upper

200 100

173 26.7 7.6 47.6

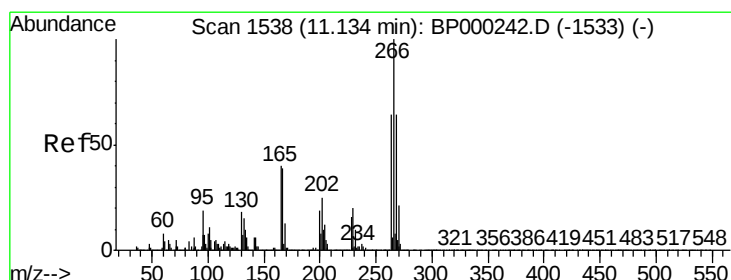
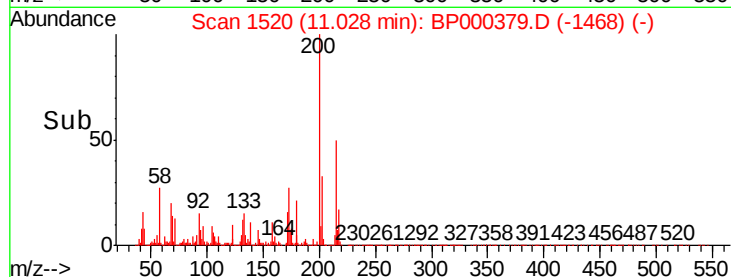
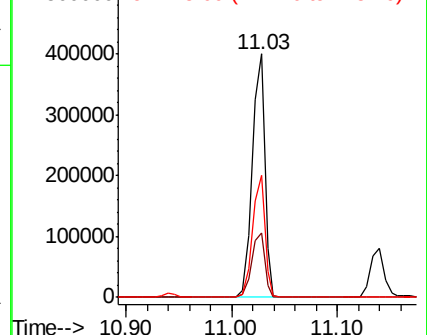
215 49.9 28.6 68.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 65.428 ng

RT: 11.14 min Scan# 1539

Delta R.T. 0.01 min

Lab File: BP000379.D

Acq: 23 Sep 2019 22:42

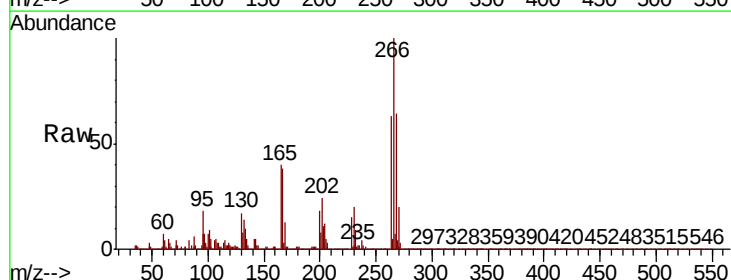
Tgt Ion:266 Resp: 410365

Ion Ratio Lower Upper

266 100

268 63.6 51.6 77.4

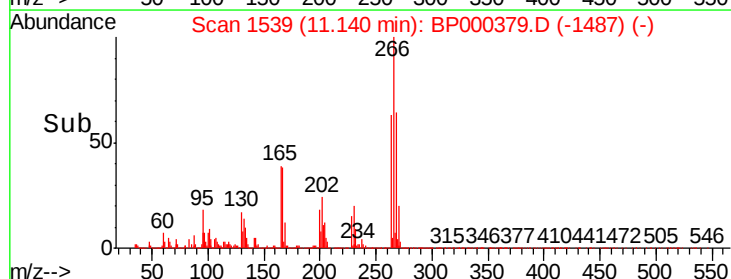
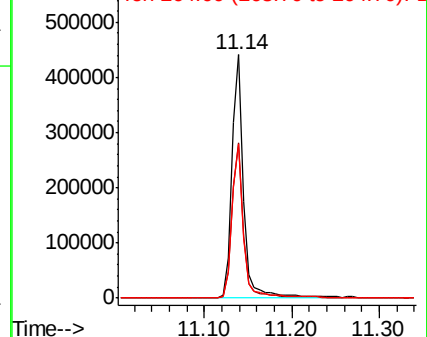
264 63.1 50.8 76.2

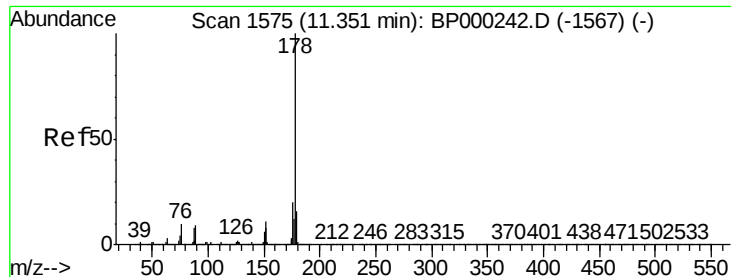


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.870 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BP000379.D

Acq: 23 Sep 2019 22:42

Instrument :

BNA_P

ClientSampleId :

SAND-STOCKPILE-1MSD

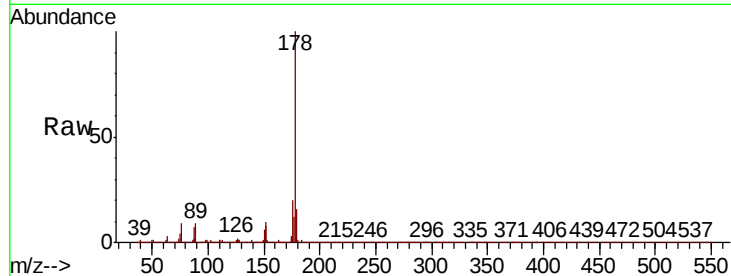
Tot Ion:178 Resp: 2001220

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	16.1	12.7	19.1

178 100

176 19.7 15.8 23.8

179 16.1 12.7 19.1

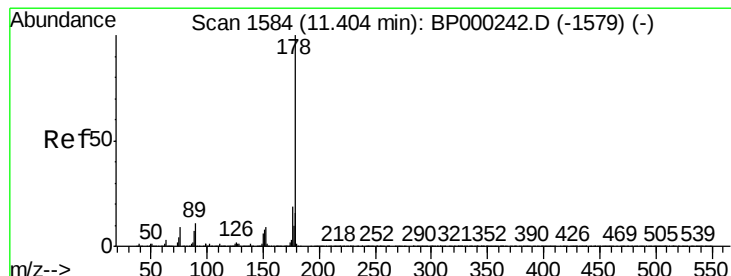
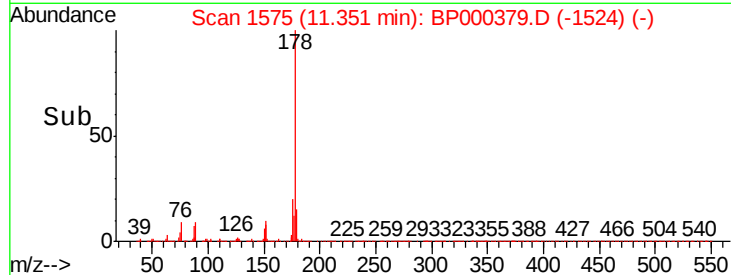
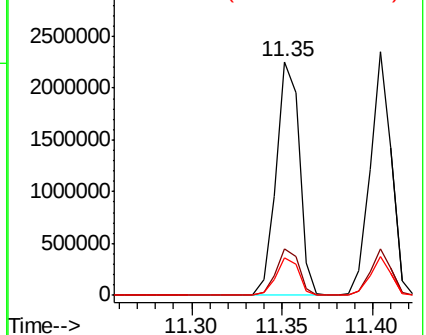


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.731 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.00 min

Lab File: BP000379.D

Acq: 23 Sep 2019 22:42

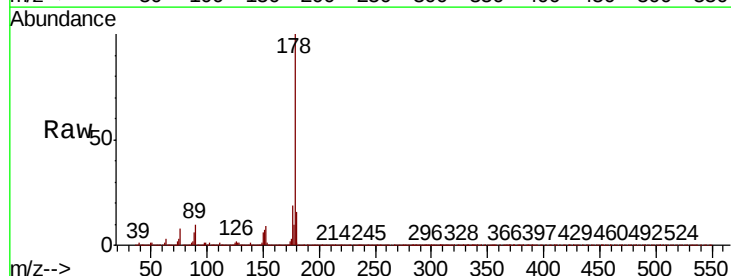
Tgt Ion:178 Resp: 1909057

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.9	12.7	19.1

178 100

176 19.2 15.4 23.0

179 15.9 12.7 19.1

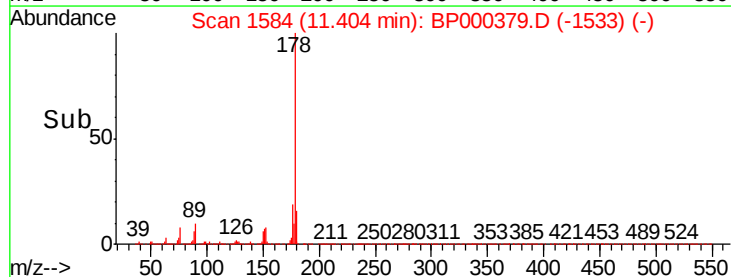
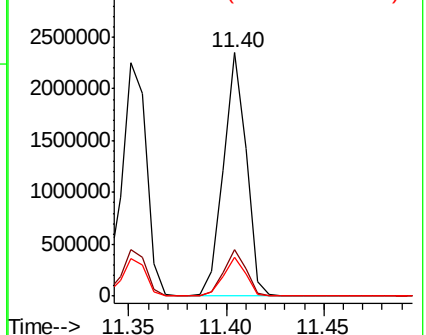


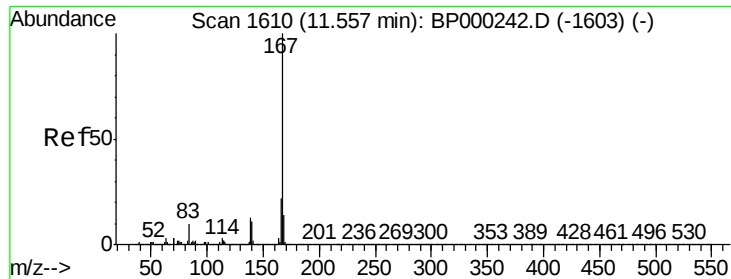
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



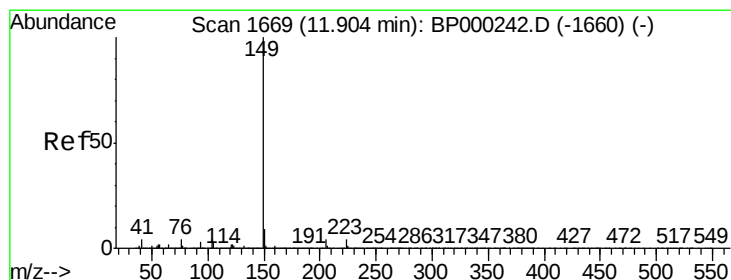
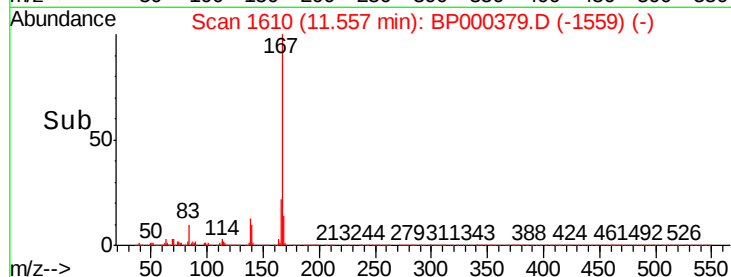
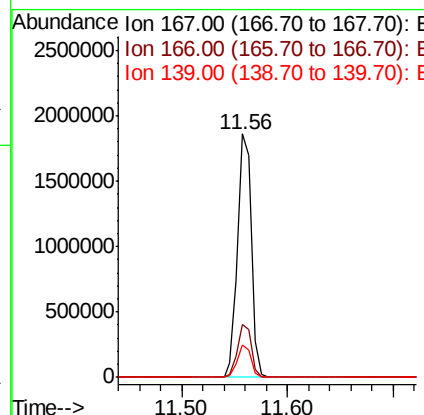
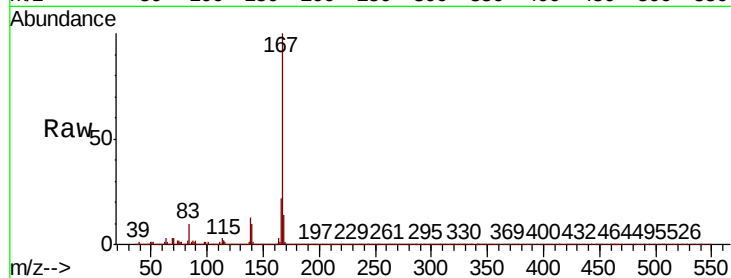


#73
 Carbazole
 Concen: 38.620 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BP000379.D
 Acq: 23 Sep 2019 22:42

Instrument :
 BNA_P
 ClientSampleId :
 SAND-STOCKPILE-1MSD

Tot Ion:167 Resp: 1671181

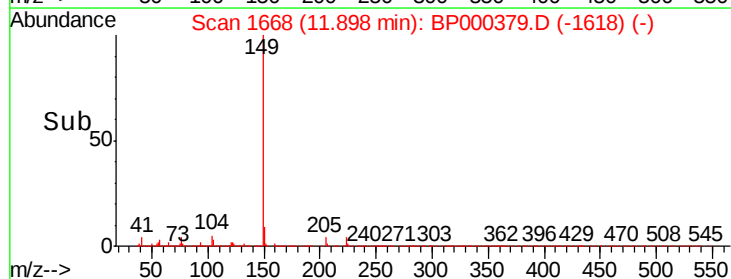
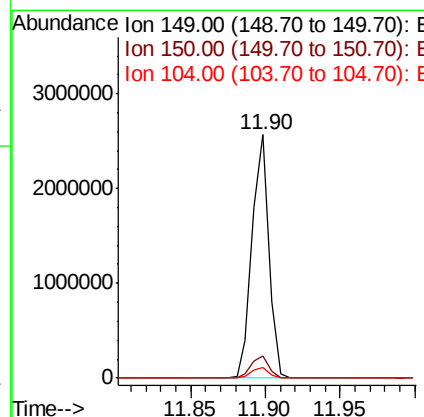
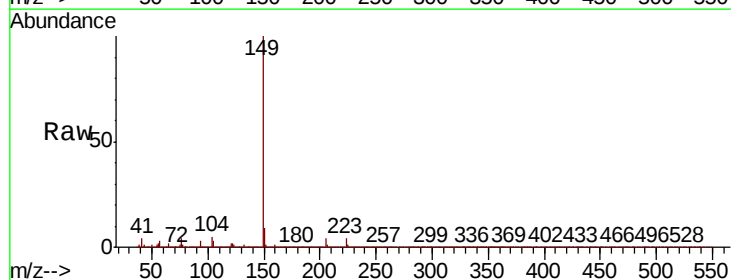
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.8
139	13.2	10.8	16.2

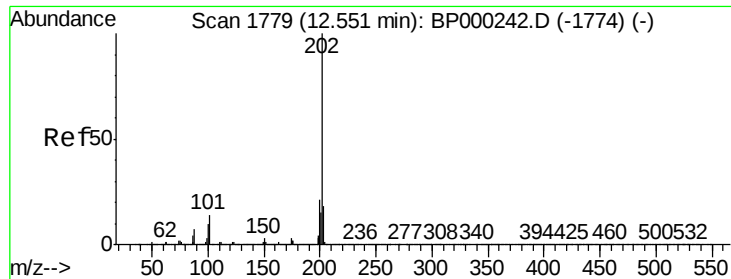


#74
 Di-n-butylphthalate
 Concen: 36.413 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BP000379.D
 Acq: 23 Sep 2019 22:42

Tgt Ion:149 Resp: 1994400

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	4.6	3.5	5.3





#75

Fluoranthene

Concen: 43.717 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BP000379.D

Acq: 23 Sep 2019 22:42

Instrument :

BNA_P

ClientSampleId :

SAND-STOCKPILE-1MSD

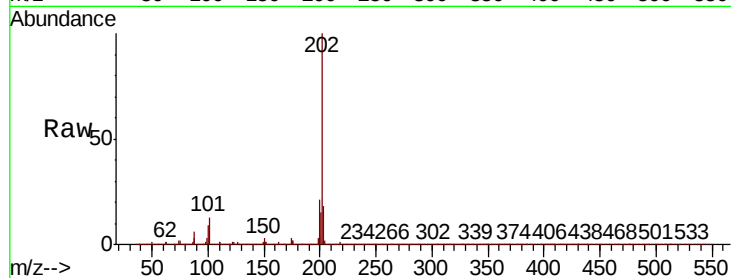
Tot Ion:202 Resp: 2191325

Ion Ratio Lower Upper

202 100

101 12.8 0.0 33.9

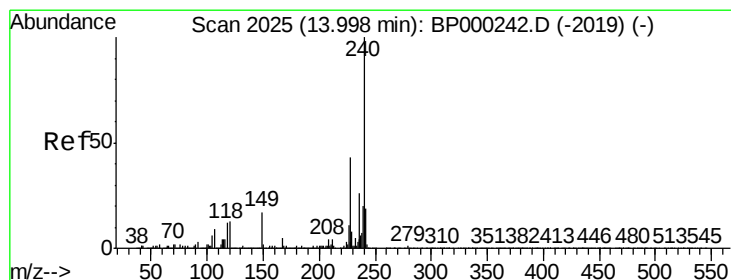
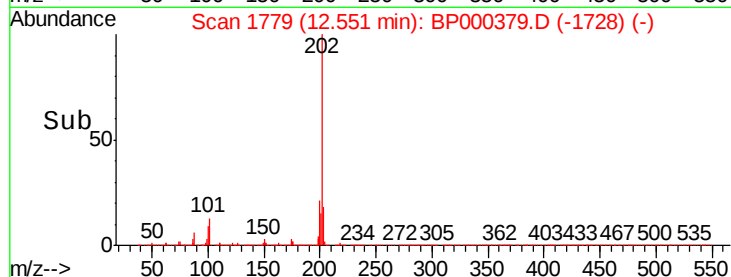
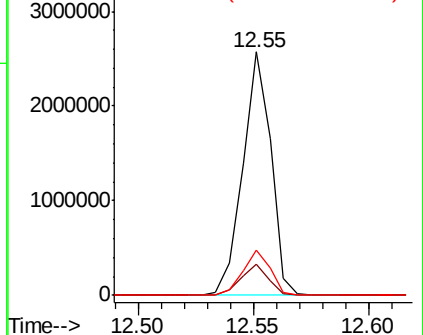
203 18.3 0.0 38.0



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: BP000379.D

Acq: 23 Sep 2019 22:42

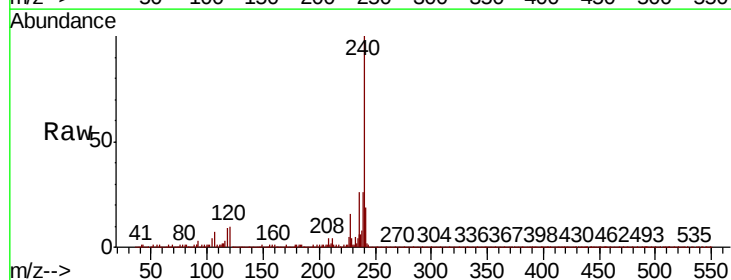
Tgt Ion:240 Resp: 745731

Ion Ratio Lower Upper

240 100

120 9.8 10.4 15.6#

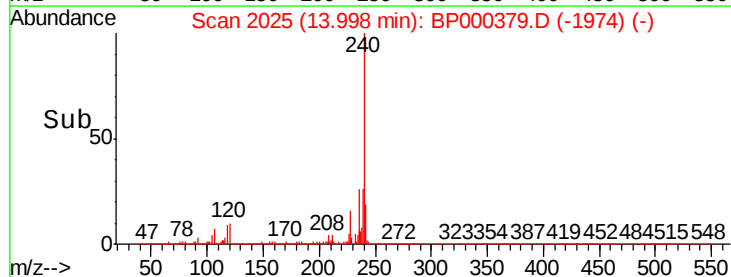
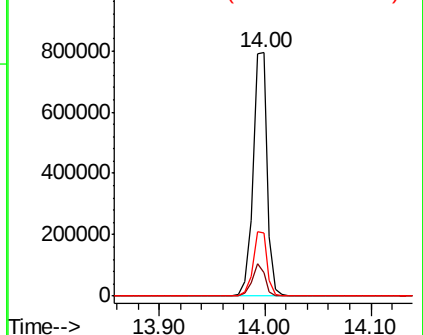
236 26.1 21.0 31.6

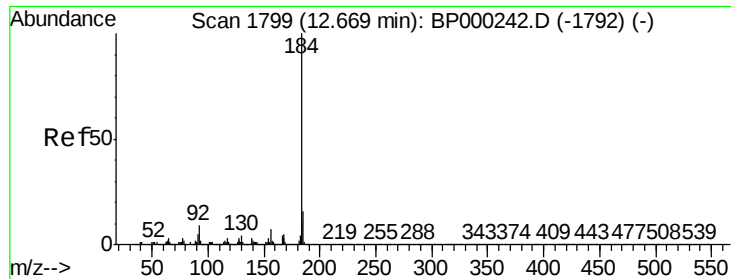


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 52.455 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BP000379.D

Acq: 23 Sep 2019 22:42

Instrument :

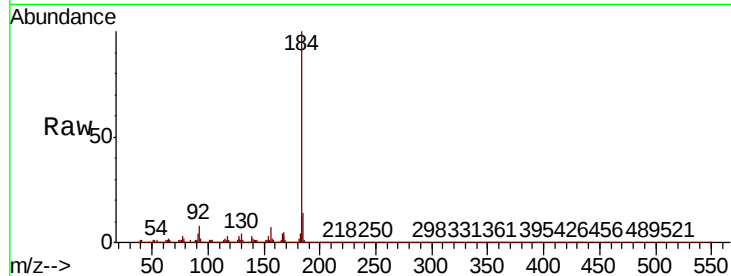
BNA_P

ClientSampleId :

SAND-STOCKPILE-1MSD

Tot Ion:184 Resp: 1397036

Ion	Ratio	Lower	Upper
184	100		
185	14.1	12.7	19.1
183	12.1	9.5	14.3

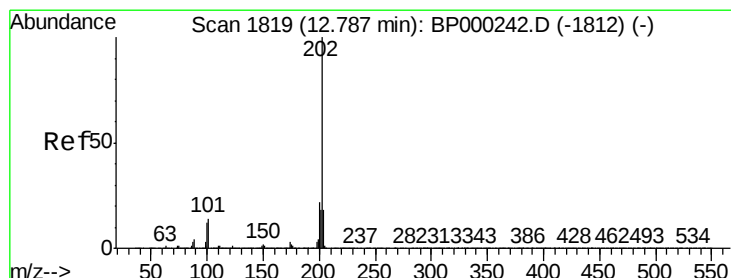
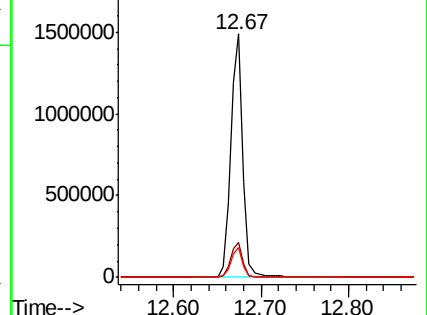
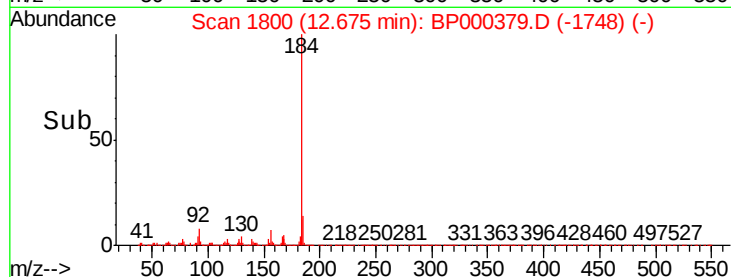


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.352 ng

RT: 12.79 min Scan# 1819

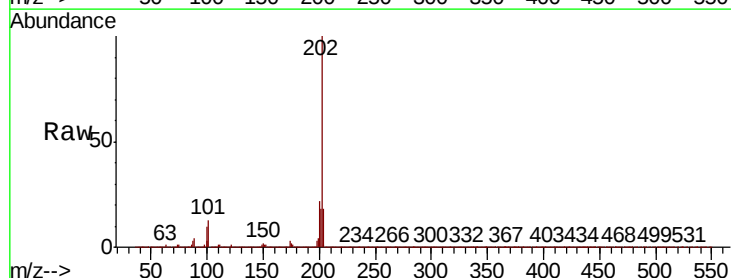
Delta R.T. -0.00 min

Lab File: BP000379.D

Acq: 23 Sep 2019 22:42

Tgt Ion:202 Resp: 2418733

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.5	26.3
203	17.8	14.3	21.5

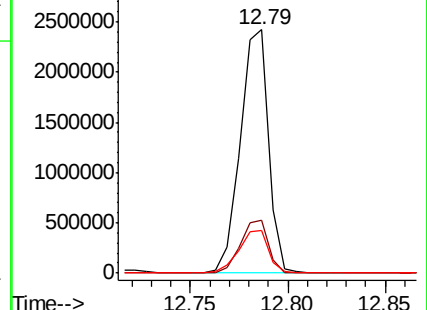
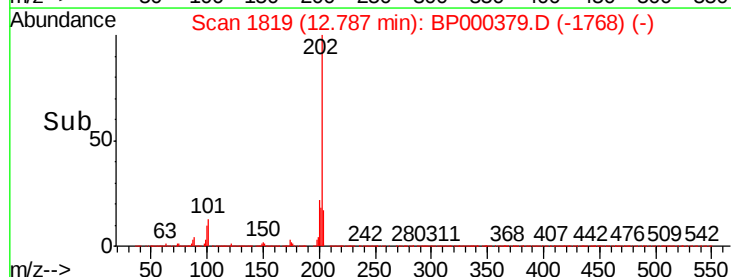


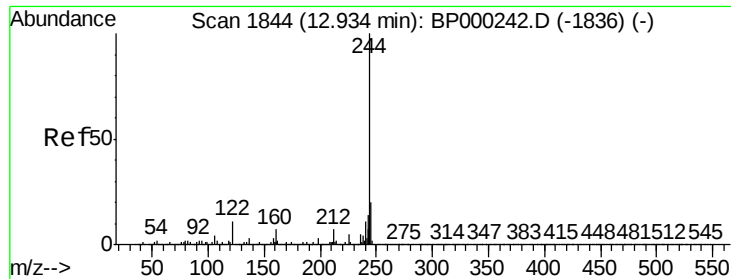
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 72.759 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BP000379.D

Acq: 23 Sep 2019 22:42

Instrument :

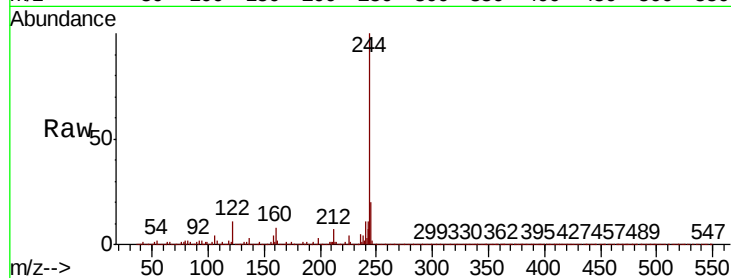
BNA_P

ClientSampleId :

SAND-STOCKPILE-1MSD

Tot Ion:244 Resp: 2586386

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	11.5	9.0	13.4

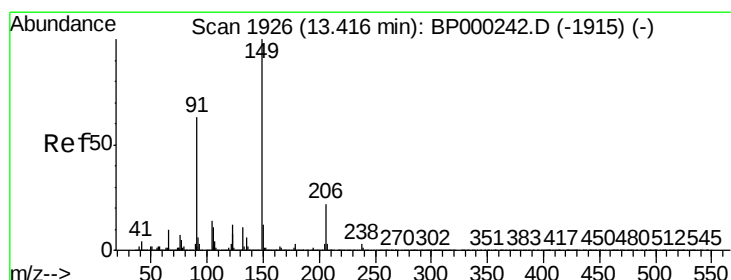
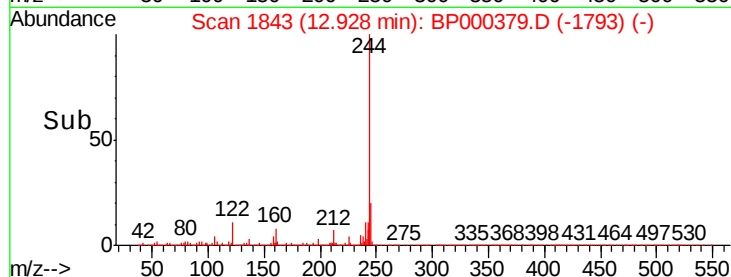
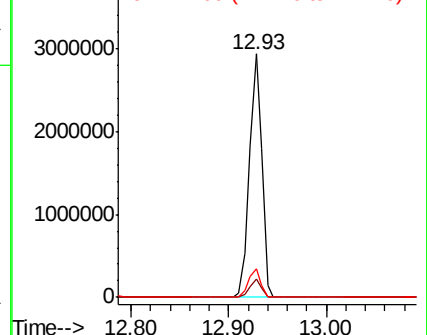


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 34.017 ng

RT: 13.41 min Scan# 1925

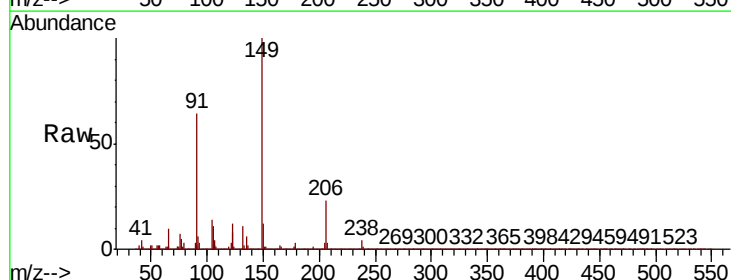
Delta R.T. -0.01 min

Lab File: BP000379.D

Acq: 23 Sep 2019 22:42

Tgt Ion:149 Resp: 872073

Ion	Ratio	Lower	Upper
149	100		
91	64.2	50.6	76.0
206	22.7	17.8	26.6

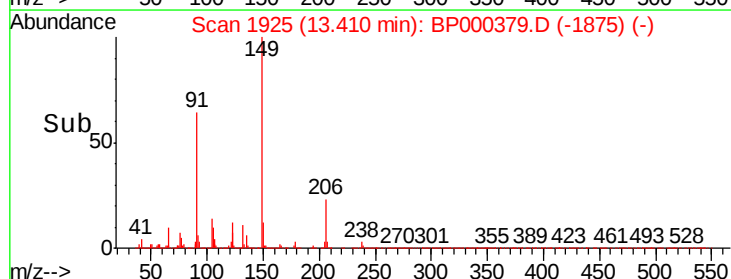
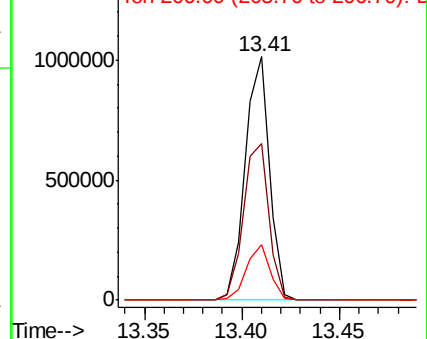


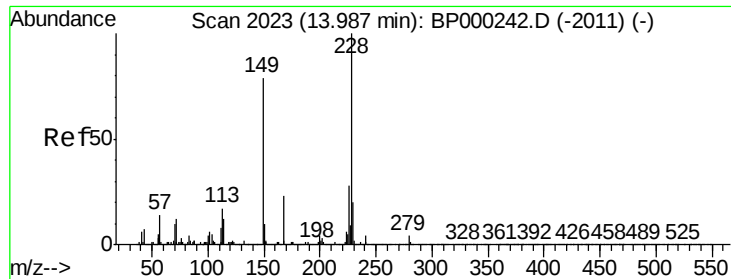
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

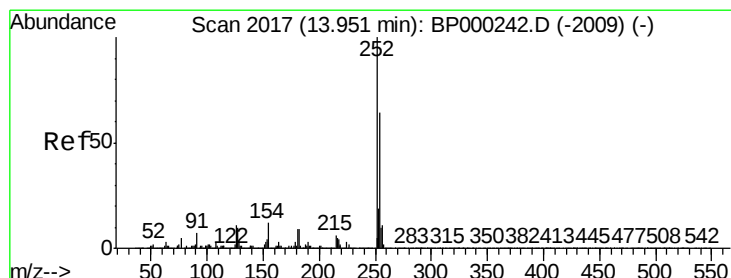
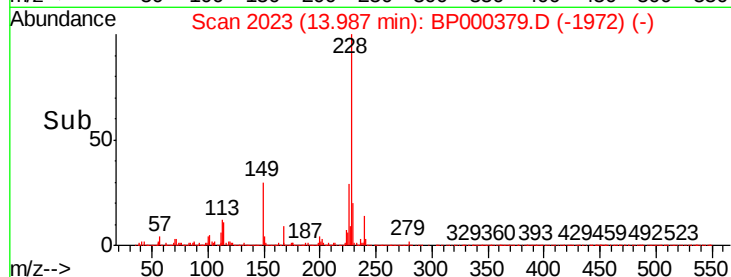
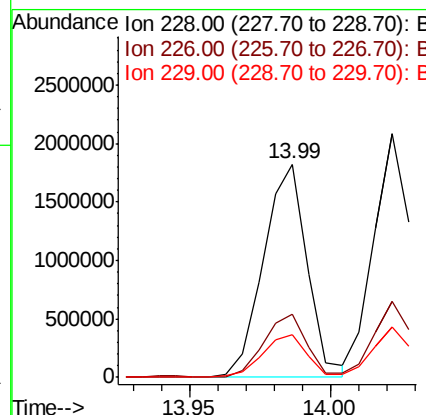
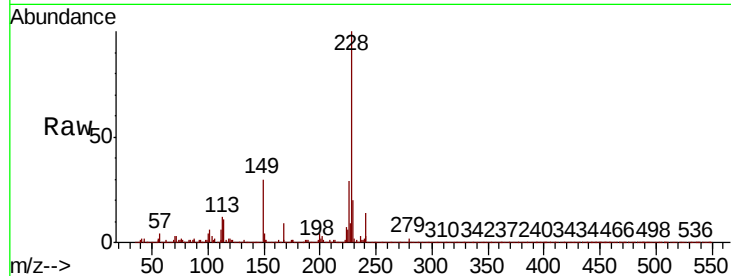




#81
Benzo(a)anthracene
Concen: 41.338 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BP000379.D
Acq: 23 Sep 2019 22:42

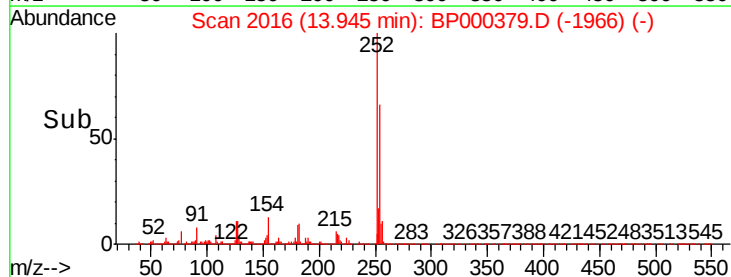
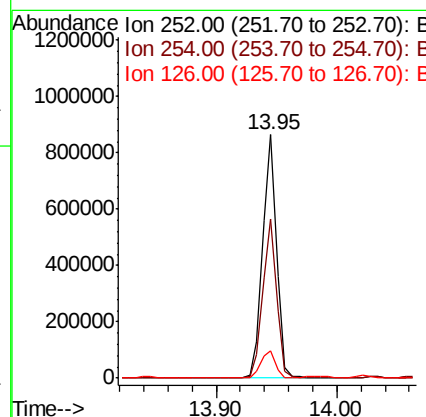
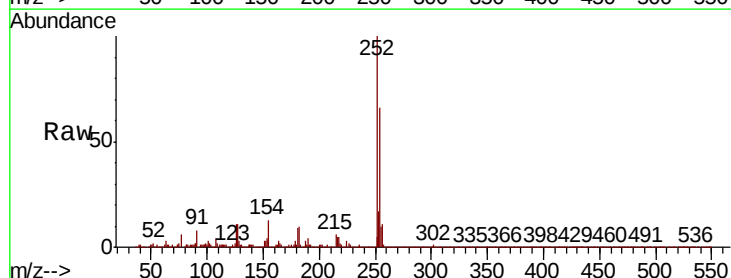
Instrument :
BNA_P
ClientSampleId :
SAND-STOCKPILE-1MSD

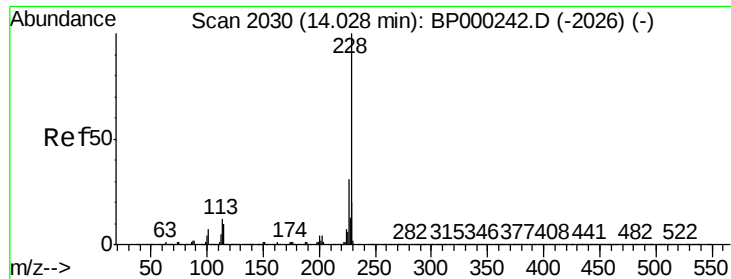
Tot Ion:228 Resp: 1947286
Ion Ratio Lower Upper
228 100
226 29.4 22.2 33.4
229 20.3 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 36.963 ng
RT: 13.95 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BP000379.D
Acq: 23 Sep 2019 22:42

Tgt Ion:252 Resp: 699755
Ion Ratio Lower Upper
252 100
254 65.5 51.5 77.3
126 11.0 8.4 12.6





#83

Chrysene

Concen: 39.837 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BP000379.D

Acq: 23 Sep 2019 22:42

Instrument :

BNA_P

ClientSampleId :

SAND-STOCKPILE-1MSD

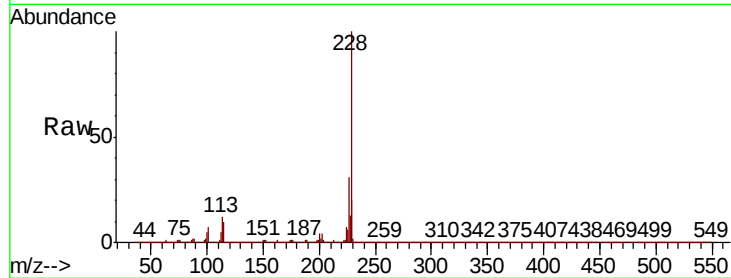
Tot Ion:228 Resp: 1842516

Ion Ratio Lower Upper

228 100

226 31.1 24.9 37.3

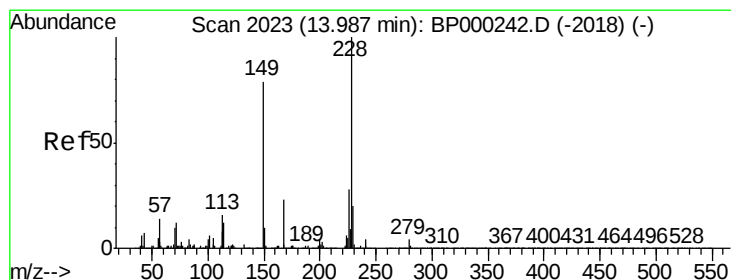
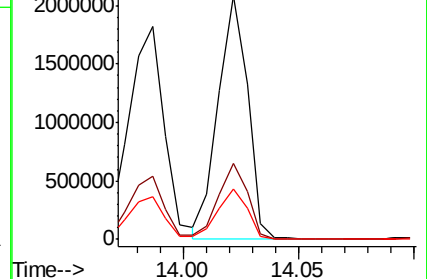
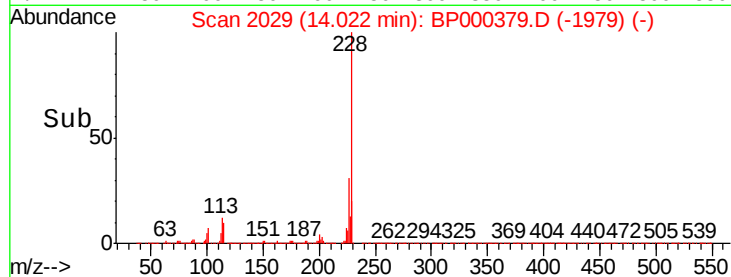
229 20.5 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.172 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BP000379.D

Acq: 23 Sep 2019 22:42

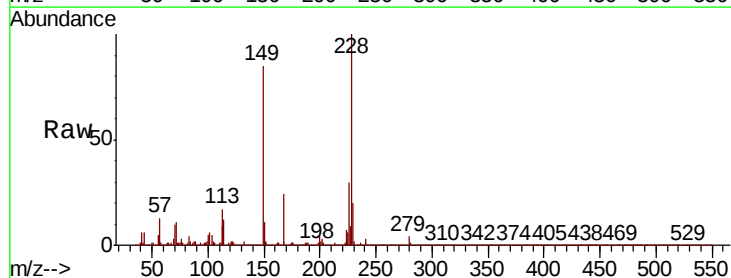
Tgt Ion:149 Resp: 1174740

Ion Ratio Lower Upper

149 100

167 28.4 23.0 34.4

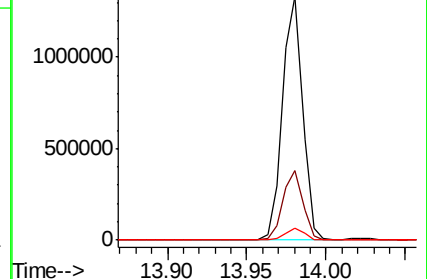
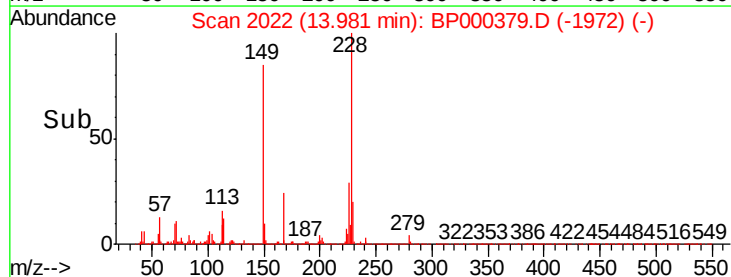
279 5.0 3.7 5.5

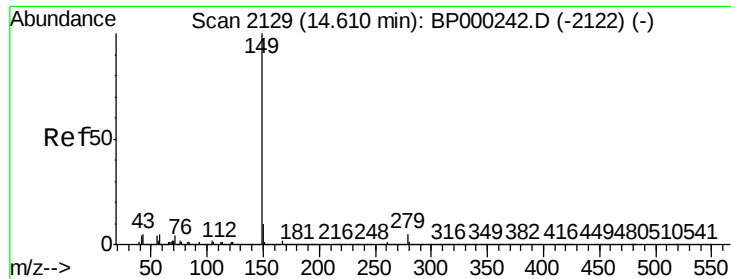


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 36.302 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BP000379.D

Acq: 23 Sep 2019 22:42

Instrument :

BNA_P

ClientSampleId :

SAND-STOCKPILE-1MSD

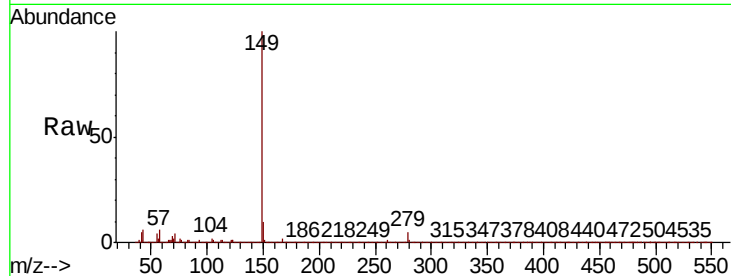
Tot Ion:149 Resp: 2070565

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

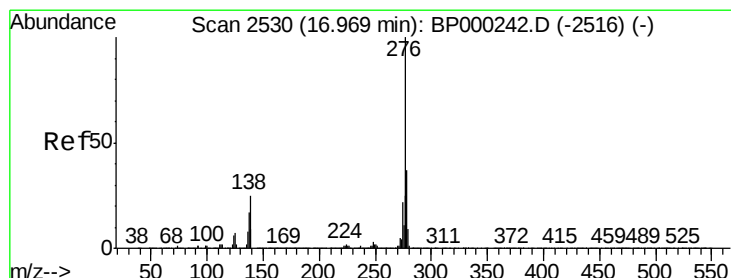
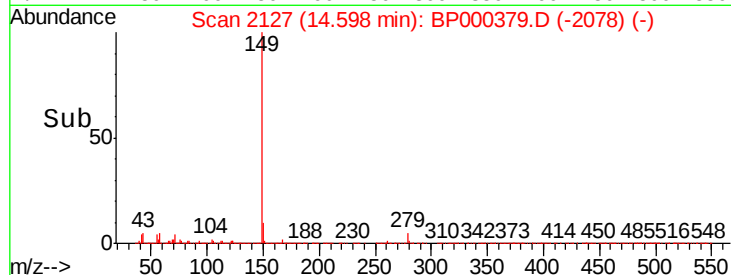
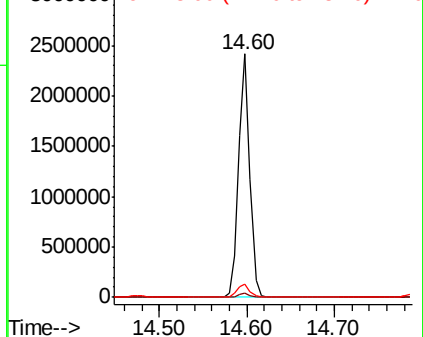
43 5.7 5.0 7.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.897 ng

RT: 16.97 min Scan# 2530

Delta R.T. -0.00 min

Lab File: BP000379.D

Acq: 23 Sep 2019 22:42

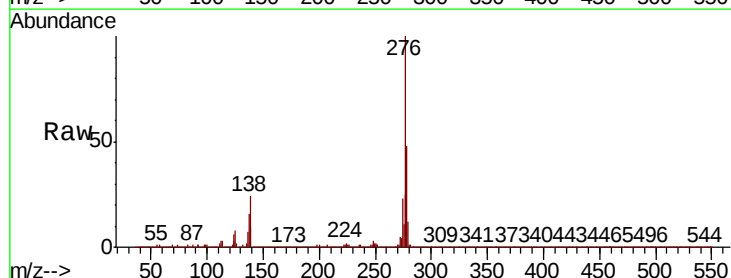
Tgt Ion:276 Resp: 2249236

Ion Ratio Lower Upper

276 100

138 26.0 22.6 33.8

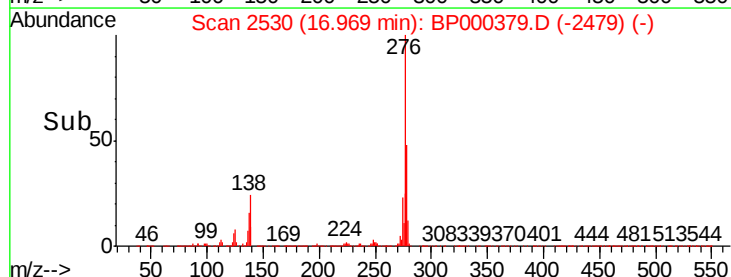
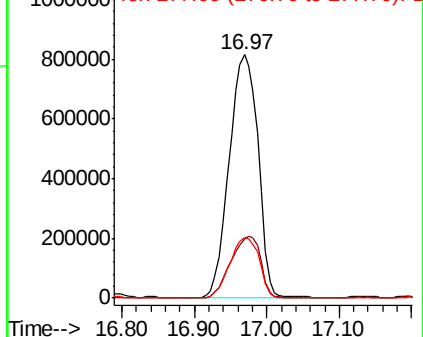
277 25.2 20.4 30.6

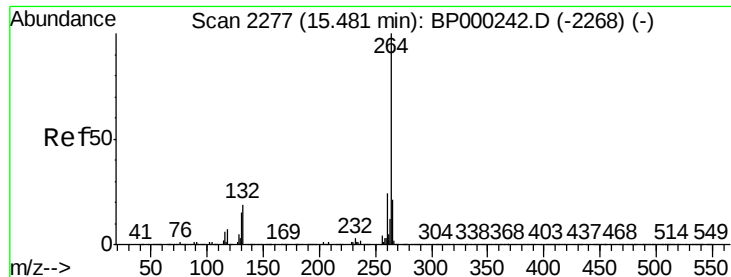


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. -0.01 min

Lab File: BP000379.D

Acq: 23 Sep 2019 22:42

Instrument :

BNA_P

ClientSampleId :

SAND-STOCKPILE-1MSD

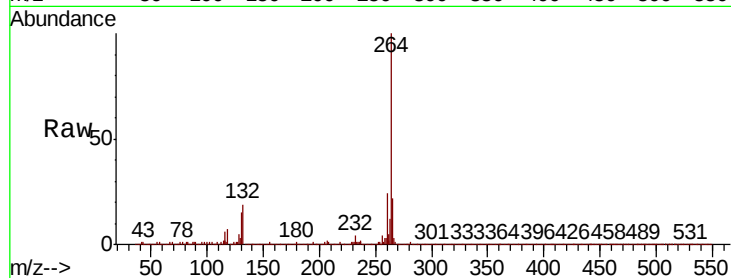
Tot Ion:264 Resp: 881268

Ion Ratio Lower Upper

264 100

260 24.3 18.9 28.3

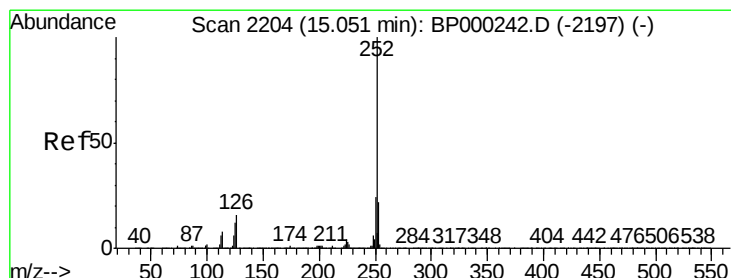
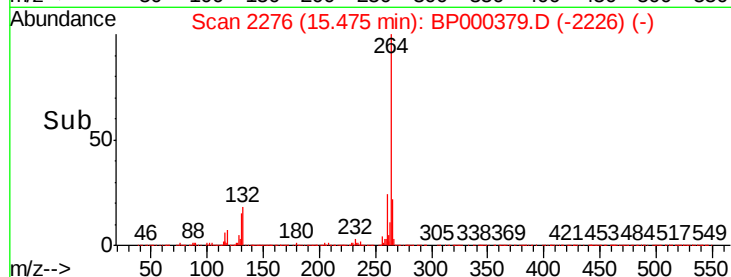
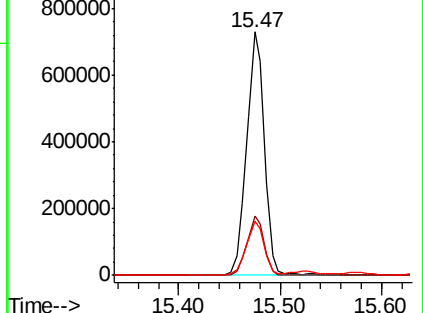
265 22.2 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.297 ng

RT: 15.05 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BP000379.D

Acq: 23 Sep 2019 22:42

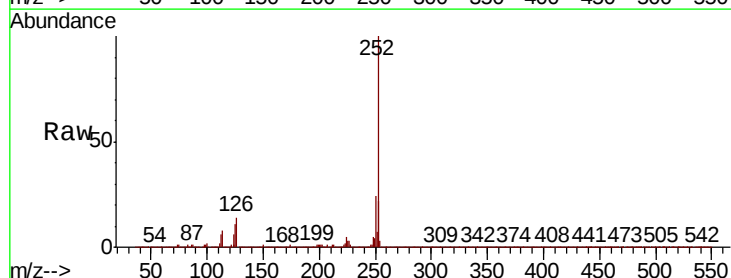
Tgt Ion:252 Resp: 2171125

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

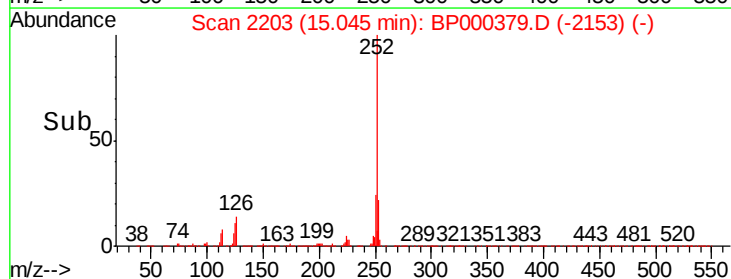
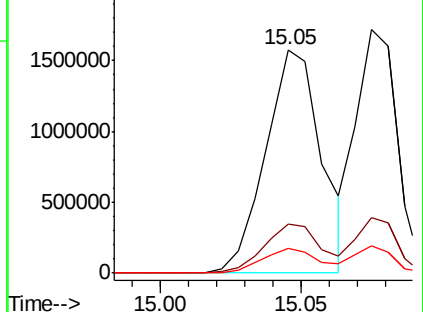
125 11.0 9.5 14.3

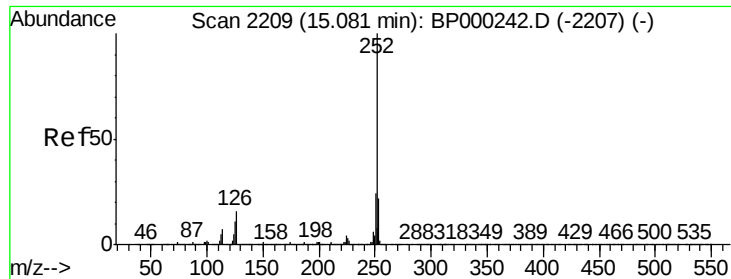


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 37.768 ng

RT: 15.07 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BP000379.D

Acq: 23 Sep 2019 22:42

Instrument :

BNA_P

ClientSampleId :

SAND-STOCKPILE-1MSD

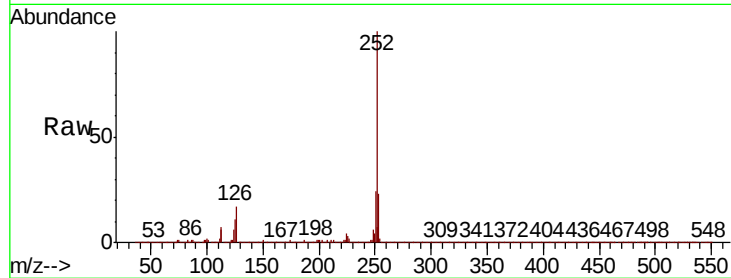
Tot Ion:252 Resp: 1732022

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

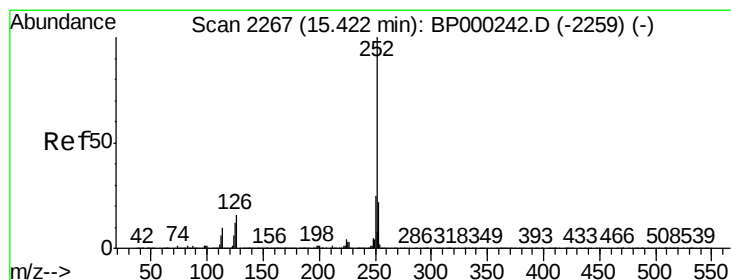
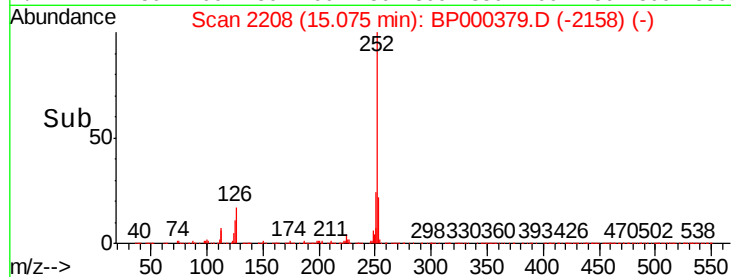
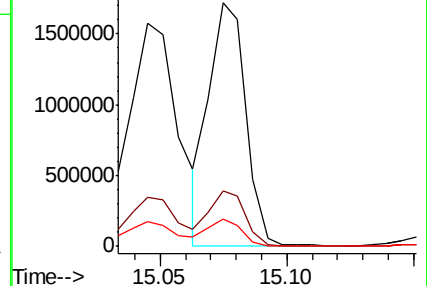
125 11.2 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 41.979 ng

RT: 15.42 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BP000379.D

Acq: 23 Sep 2019 22:42

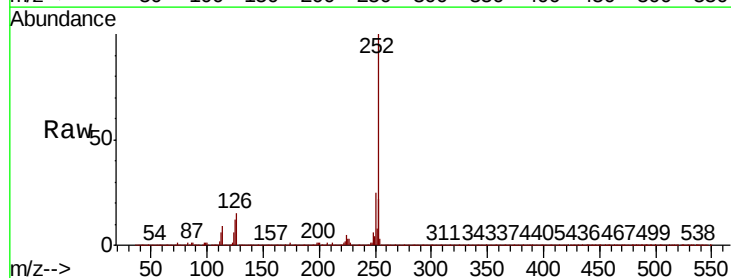
Tgt Ion:252 Resp: 2008154

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

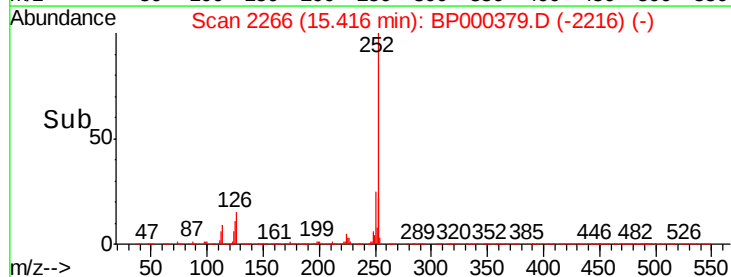
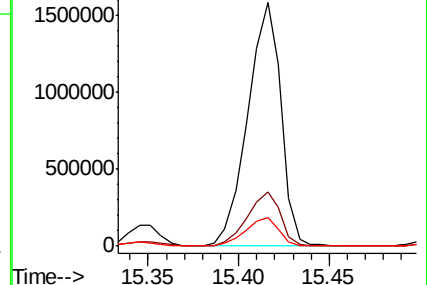
125 11.6 10.0 15.0

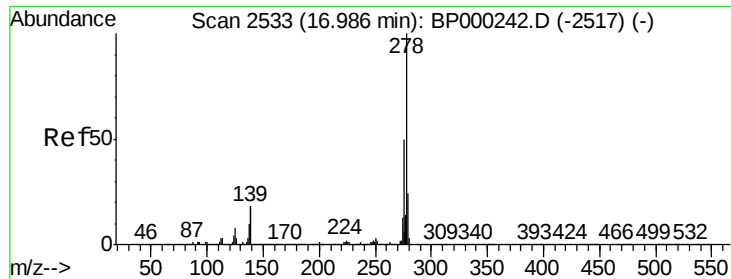


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 39.421 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.00 min

Lab File: BP000379.D

Acq: 23 Sep 2019 22:42

Instrument :

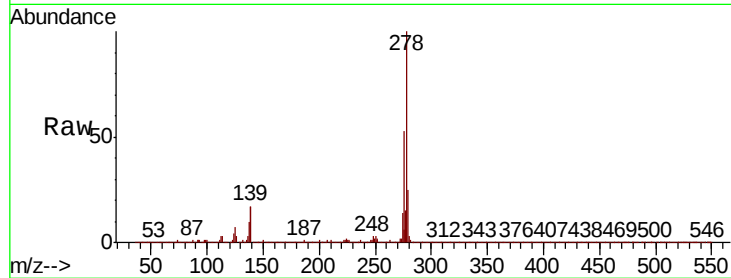
BNA_P

ClientSampleId :

SAND-STOCKPILE-1MSD

Tot Ion:278 Resp: 1758205

Ion	Ratio	Lower	Upper
278	100		
139	17.1	14.5	21.7
279	24.9	19.0	28.6

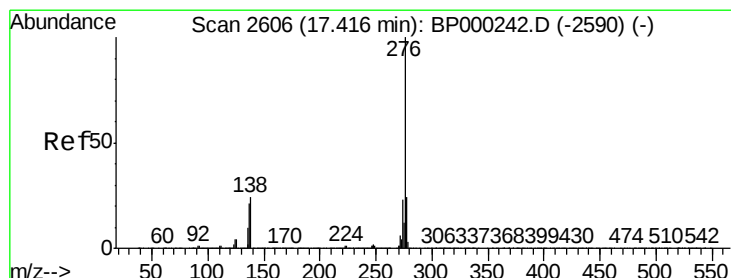
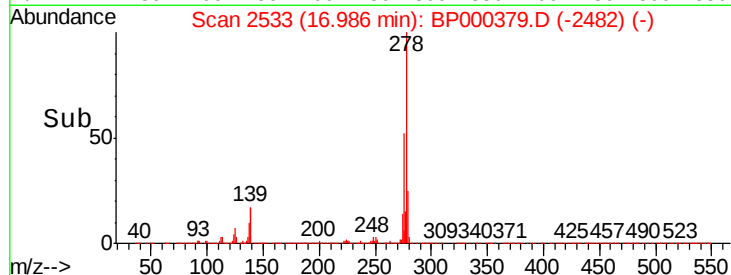
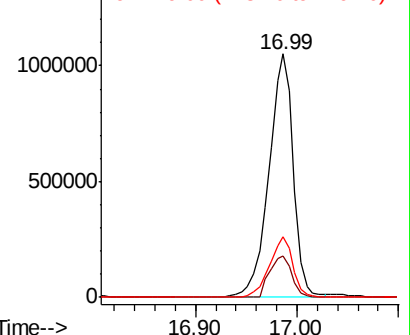


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.141 ng

RT: 17.42 min Scan# 2606

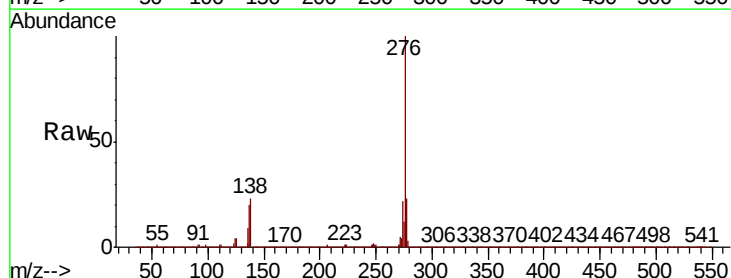
Delta R.T. -0.00 min

Lab File: BP000379.D

Acq: 23 Sep 2019 22:42

Tgt Ion:276 Resp: 1886071

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.1	28.7
138	22.7	19.5	29.3



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

