

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092719\
 Data File : BP000458.D
 Acq On : 27 Sep 2019 15:31
 Operator : JU
 Sample : K4657-03MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 27 23:09:16 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	180699	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	328089	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	185428	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	362316	20.00	ng	0.00
76) Chrysene-d12	14.01	240	506119	20.00	ng	0.00
87) Perylene-d12	15.49	264	530442	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1497047	143.02	ng	0.02
7) Phenol-d6	6.44	99	1844676	143.77	ng	0.02
23) Nitrobenzene-d5	7.35	82	506410	99.59	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	372761	202.68	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1242073	120.56	ng	0.00
79) Terphenyl-d14	12.94	244	2473088	102.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	193772	41.024	ng	# 89
3) Pyridine	3.37	79	389462	30.628	ng	99
4) n-Nitrosodimethylamine	3.28	42	168792	47.076	ng	97
6) Aniline	6.45	93	168833	9.544	ng	# 1
8) 2-Chlorophenol	6.59	128	556183	49.345	ng	98
9) Benzaldehyde	6.34	77	129713	14.647	ng	99
10) Phenol	6.45	94	678651	46.555	ng	97
11) bis(2-Chloroethyl)ether	6.53	93	530498	47.522	ng	99
12) 1,3-Dichlorobenzene	6.73	146	590307	43.644	ng	98
13) 1,4-Dichlorobenzene	6.81	146	588383	43.722	ng	98
14) 1,2-Dichlorobenzene	6.96	146	424192	34.410	ng	99
15) Benzyl Alcohol	6.93	79	325244	34.834	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	242219	22.887	ng	89
17) 2-Methylphenol	7.05	107	285710	29.596	ng	95
18) Hexachloroethane	7.30	117	107881	21.663	ng	94
19) n-Nitroso-di-n-propylamine	7.20	70	152723	22.513	ng	95
20) 3+4-Methylphenols	7.20	107	278079	23.821	ng	97
22) Acetophenone	7.20	105	382658	53.819	ng	# 97
24) Nitrobenzene	7.37	77	254959	48.271	ng	94
25) Isophorone	7.61	82	463459	46.027	ng	98
26) 2-Nitrophenol	7.69	139	127863	45.664	ng	# 94
27) 2,4-Dimethylphenol	7.73	122	233860	52.432	ng	93
28) bis(2-Chloroethoxy)methane	7.82	93	290724	43.410	ng	99
29) 2,4-Dichlorophenol	7.94	162	252107	52.739	ng	98
30) 1,2,4-Trichlorobenzene	8.01	180	280844	51.256	ng	99
31) Naphthalene	8.10	128	795398	52.346	ng	99
32) Benzoic acid	7.86	122	115218	38.259	ng	96
33) 4-Chloroaniline	8.14	127	40663	5.913	ng	98
34) Hexachlorobutadiene	8.22	225	184865	56.943	ng	100
35) Caprolactam	8.50	113	52314	32.171	ng	94
36) 4-Chloro-3-methylphenol	8.64	107	261807	53.950	ng	97
37) 2-Methylnaphthalene	8.79	142	560801	53.989	ng	97
38) 1-Methylnaphthalene	8.89	142	520682	53.512	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	314556	59.331	ng	98

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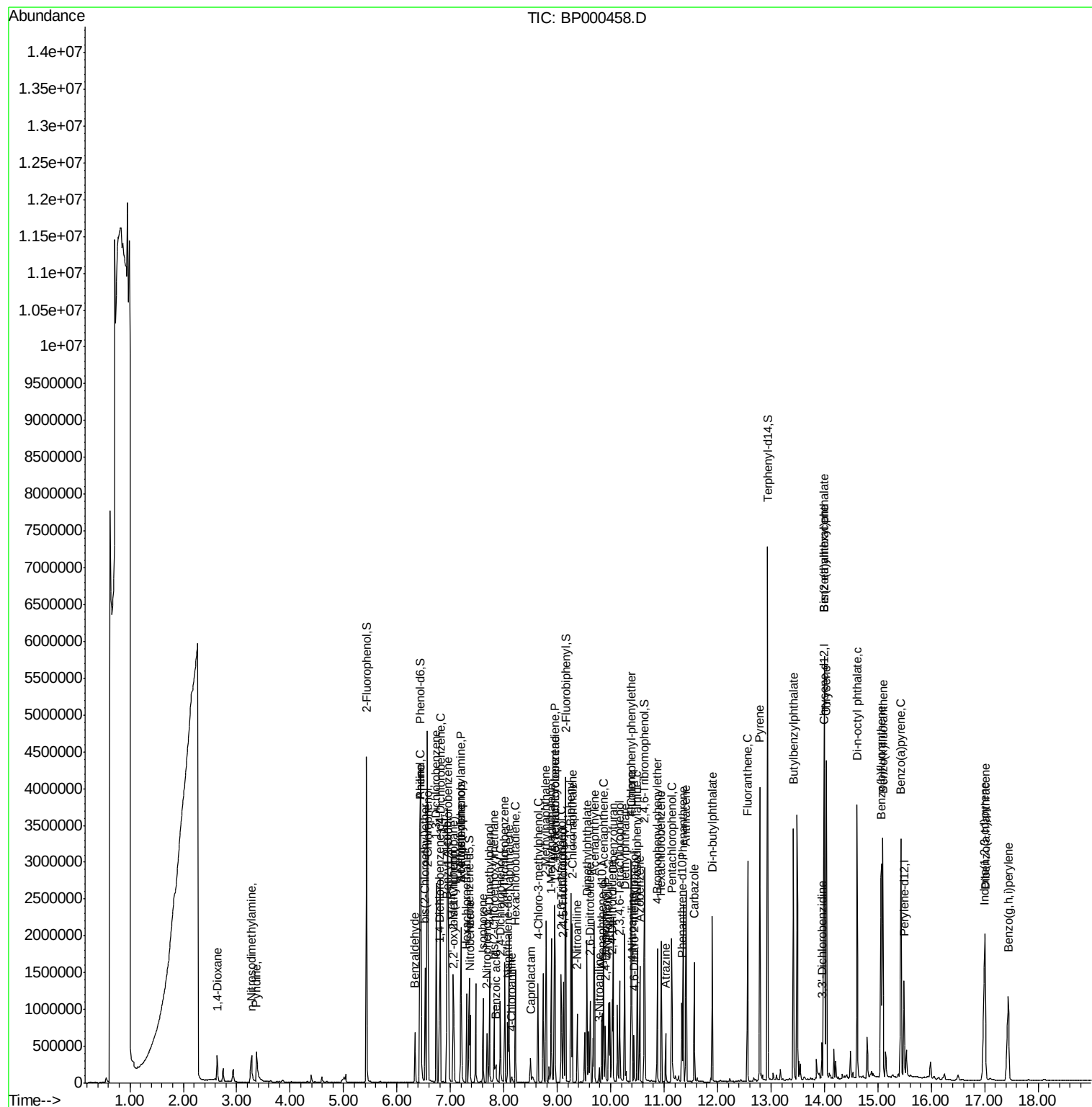
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	291480	95.743	nq	98
43) 2,4,6-Trichlorophenol	9.07	196	191296	52.145	nq	99
44) 2,4,5-Trichlorophenol	9.11	196	209026	55.644	nq	# 94
46) 1,1'-Biphenyl	9.26	154	703627	54.853	nq	97
47) 2-Chloronaphthalene	9.28	162	548582	50.981	nq	100
48) 2-Nitroaniline	9.37	65	117680	43.065	nq	91
49) Acenaphthylene	9.70	152	845081	52.246	nq	99
50) Dimethylphthalate	9.56	163	820159	64.920	nq	100
51) 2,6-Dinitrotoluene	9.61	165	147078	52.947	nq	94
52) Acenaphthene	9.87	154	499627	48.948	nq	98
53) 3-Nitroaniline	9.79	138	36444	11.303	nq	97
54) 2,4-Dinitrophenol	9.90	184	105699	86.128	nq	88
55) Dibenzofuran	10.04	168	789808	54.735	nq	97
56) 4-Nitrophenol	9.96	139	203884	85.017	nq	# 82
57) 2,4-Dinitrotoluene	10.03	165	196630	54.147	nq	91
58) Fluorene	10.39	166	625162	56.092	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	183125	59.244	nq	96
60) Diethylphthalate	10.26	149	675181	55.557	nq	99
61) 4-Chlorophenyl-phenylether	10.38	204	334206	58.417	nq	98
62) 4-Nitroaniline	10.40	138	118732	37.438	nq	# 83
63) Azobenzene	10.54	77	506404	49.184	nq	94
65) 4,6-Dinitro-2-methylphenol	10.44	198	81440	47.804	nq	92
66) n-Nitrosodiphenylamine	10.50	169	462119	42.369	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	221724	54.117	nq	98
68) Hexachlorobenzene	10.94	284	252101	56.283	nq	93
69) Atrazine	11.03	200	92477	27.777	nq	98
70) Pentachlorophenol	11.14	266	246101	100.882	nq	99
71) Phenanthrene	11.36	178	969830	53.415	nq	99
72) Anthracene	11.41	178	995080	53.245	nq	99
73) Carbazole	11.57	167	670828	39.857	nq	100
74) Di-n-butylphthalate	11.90	149	1129991	53.042	nq	99
75) Fluoranthene	12.56	202	1126819	57.797	nq	94
78) Pyrene	12.79	202	1548694	40.899	nq	100
80) Butylbenzylphthalate	13.42	149	772588	44.403	nq	99
81) Benzo(a)anthracene	14.00	228	1529213	47.832	nq	99
82) 3,3'-Dichlorobenzidine	13.96	252	96311	7.496	nq	100
83) Chrysene	14.04	228	1628802	51.889	nq	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1014590	48.576	nq	99
85) Di-n-octyl phthalate	14.61	149	1854891	47.917	nq	98
86) Indeno(1,2,3-cd)pyrene	16.99	276	1313210	34.321	nq	# 91
88) Benzo(b)fluoranthene	15.07	252	1675017	52.933	nq	# 97
89) Benzo(k)fluoranthene	15.10	252	1463865	53.033	nq	# 96
90) Benzo(a)pyrene	15.43	252	1679836	58.341	nq	99
91) Dibenzo(a,h)anthracene	17.01	278	1104255	41.134	nq	# 94
92) Benzo(g,h,i)perylene	17.44	276	1071261	38.822	nq	# 90

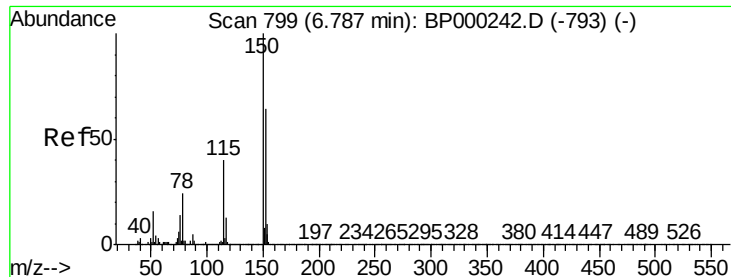
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BP000458.D

Acq: 27 Sep 2019 15:31

Instrument :

BNA_P

ClientSampled :

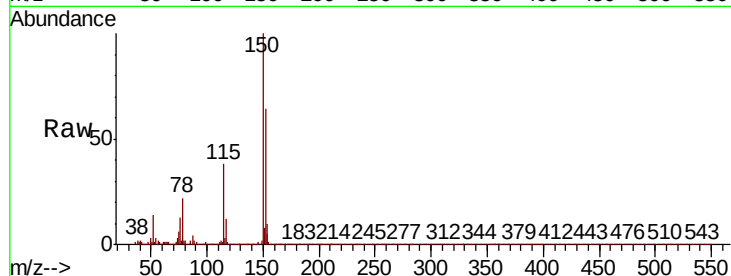
Tot Ion:152 Resp: 180699

Ion Ratio Lower Upper

152 100

150 157.3 125.2 187.8

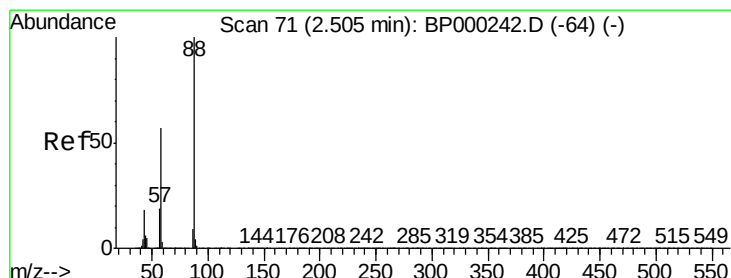
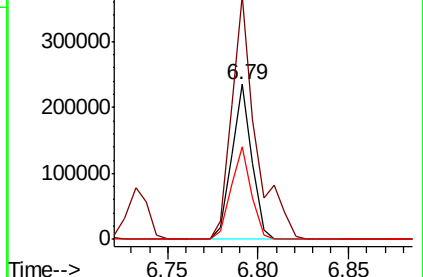
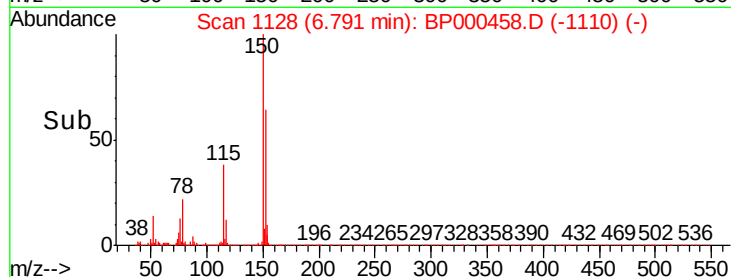
115 59.6 49.7 74.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.024 ng

RT: 2.63 min Scan# 421

Delta R.T. 0.13 min

Lab File: BP000458.D

Acq: 27 Sep 2019 15:31

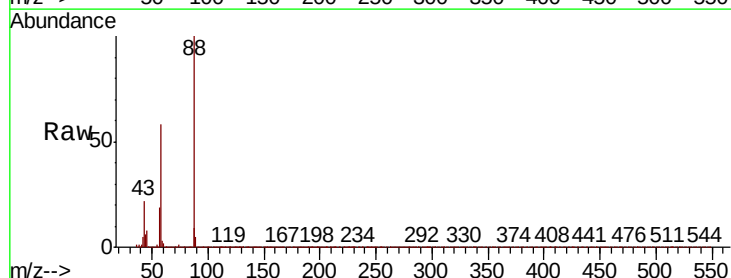
Tgt Ion: 88 Resp: 193772

Ion Ratio Lower Upper

88 100

58 57.3 45.4 68.2

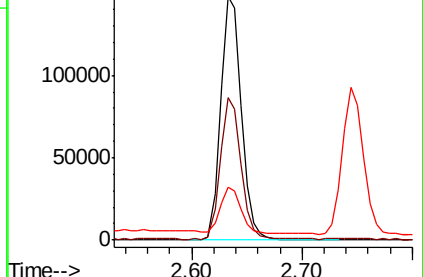
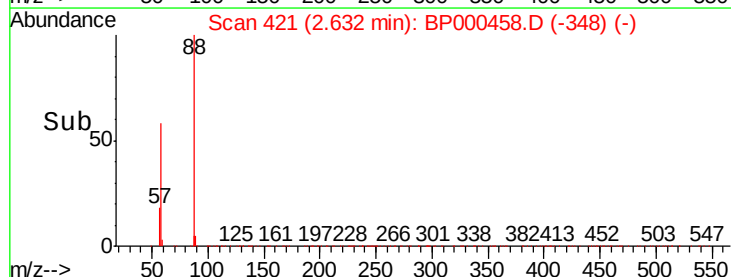
43 0.0 15.0 22.6#

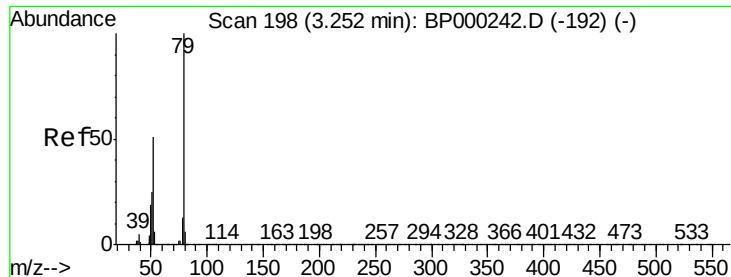


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 30.628 ng

RT: 3.37 min Scan# 546

Delta R.T. 0.12 min

Lab File: BP000458.D

Acq: 27 Sep 2019 15:31

Instrument :

BNA_P

ClientSampleId :

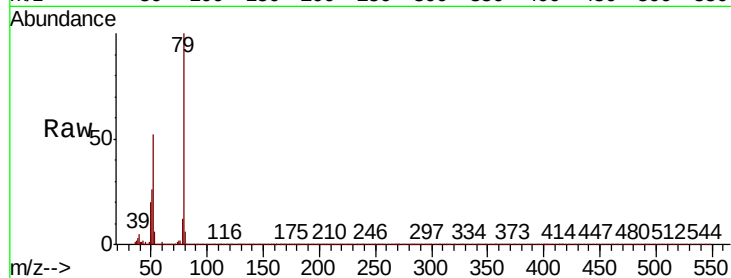
Tot Ion: 79 Resp: 389462

Ion Ratio Lower Upper

79 100

52 51.9 40.9 61.3

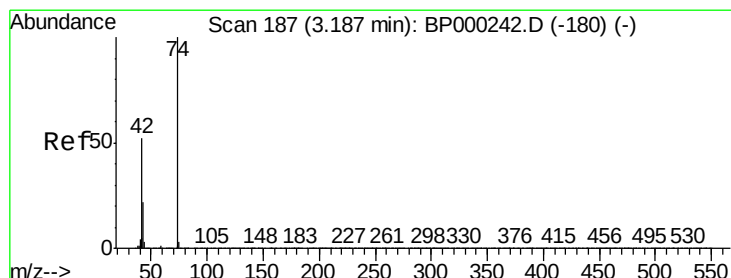
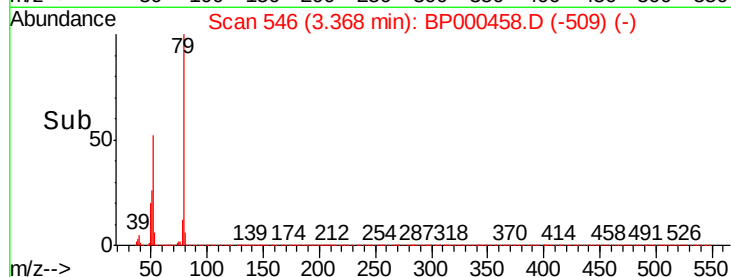
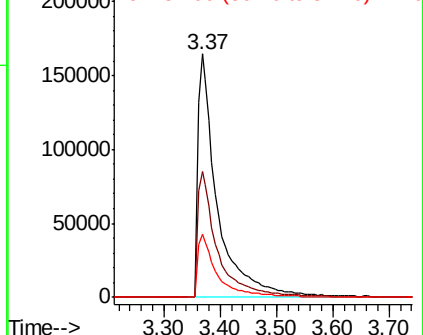
51 26.0 20.2 30.2



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: 47.076 ng

RT: 3.28 min Scan# 531

Delta R.T. 0.09 min

Lab File: BP000458.D

Acq: 27 Sep 2019 15:31

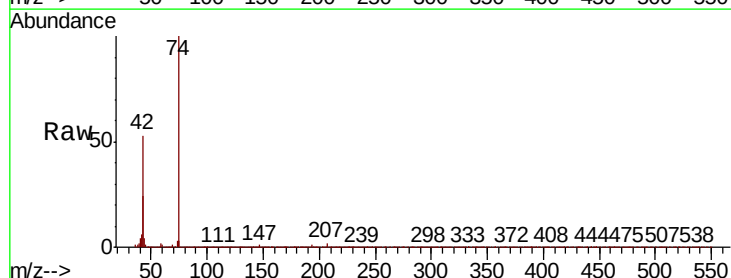
Tgt Ion: 42 Resp: 168792

Ion Ratio Lower Upper

42 100

74 188.8 154.5 231.7

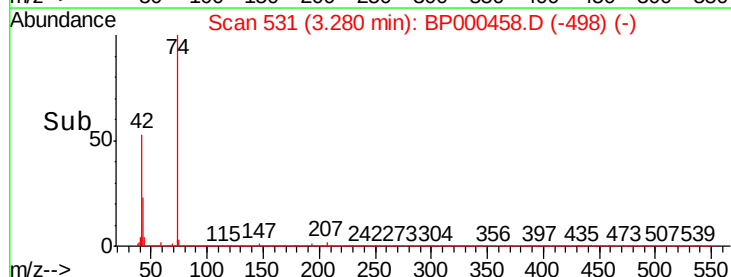
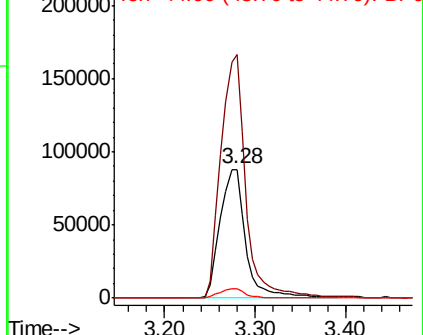
44 7.0 5.9 8.9

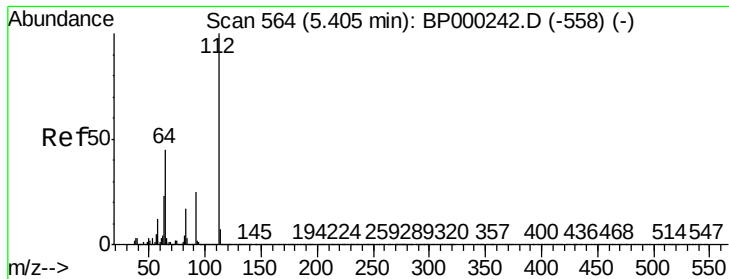


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 143.024 ng

RT: 5.43 min Scan# 896

Delta R.T. 0.02 min

Lab File: BP000458.D

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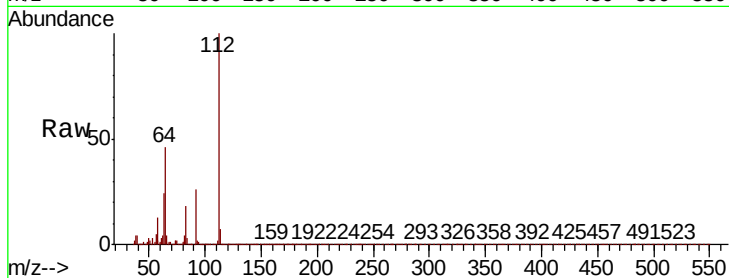
Tot Ion: 112 Resp: 1497047

Ion Ratio Lower Upper

112 100

64 45.8 36.2 54.4

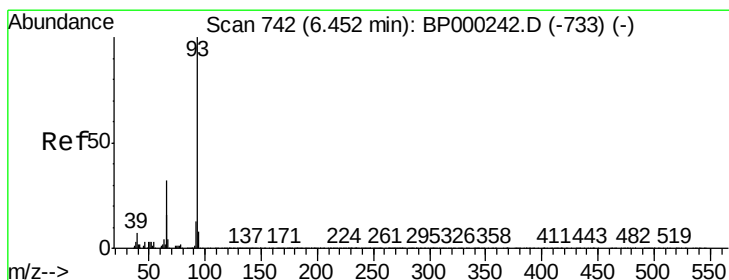
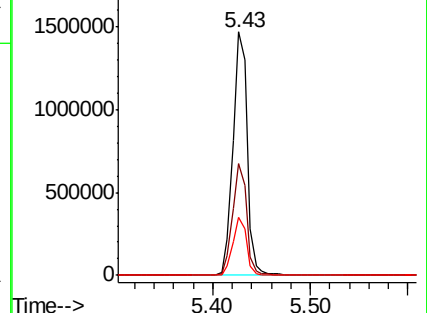
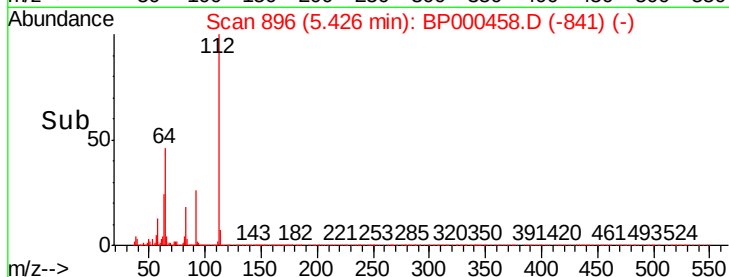
63 23.6 18.3 27.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 9.544 ng

RT: 6.45 min Scan# 1070

Delta R.T. -0.00 min

Lab File: BP000458.D

Acq: 27 Sep 2019 15:31

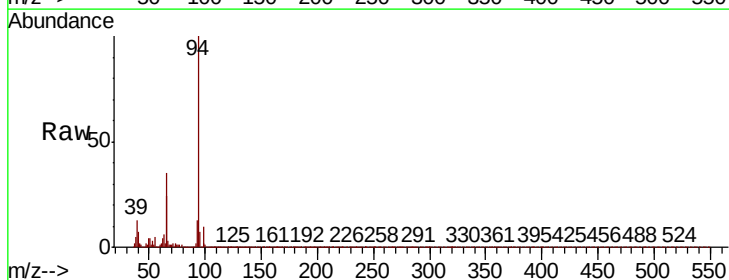
Tgt Ion: 93 Resp: 168833

Ion Ratio Lower Upper

93 100

66 278.0 26.2 39.2#

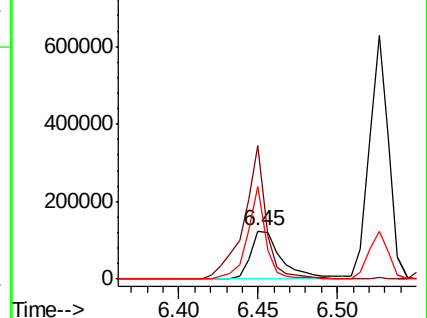
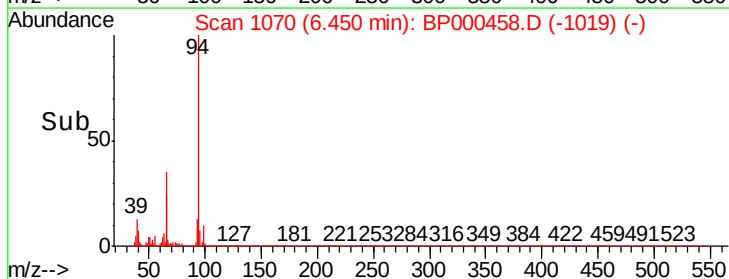
65 191.7 12.7 19.1#

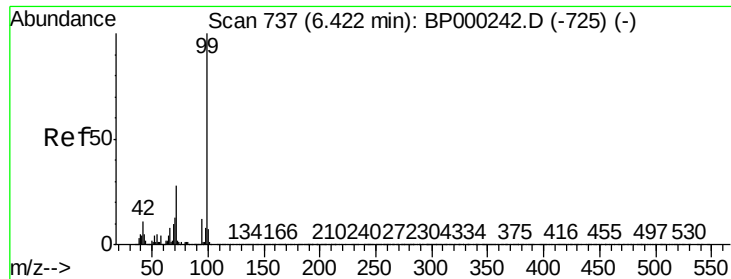


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 143.773 ng

RT: 6.44 min Scan# 1068

Delta R.T. 0.02 min

Lab File: BP000458.D

Acq: 27 Sep 2019 15:31

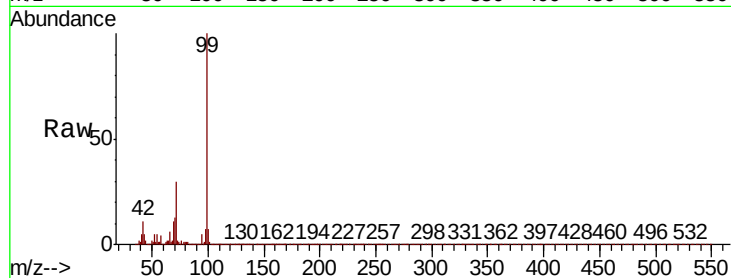
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1844676

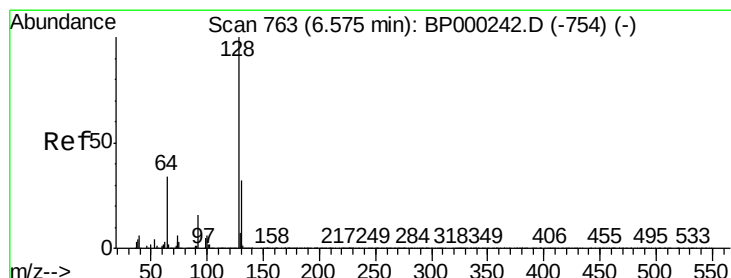
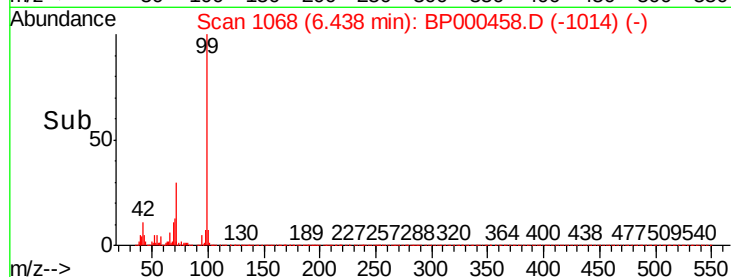
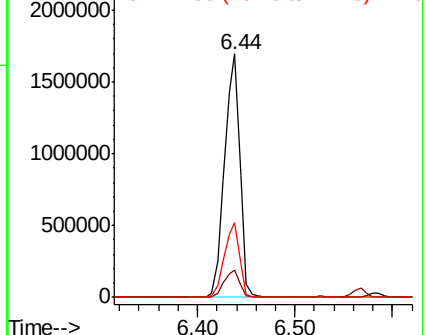
Ion	Ratio	Lower	Upper
99	100		
42	11.1	8.5	12.7
71	30.5	22.6	34.0



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: 49.345 ng

RT: 6.59 min Scan# 1093

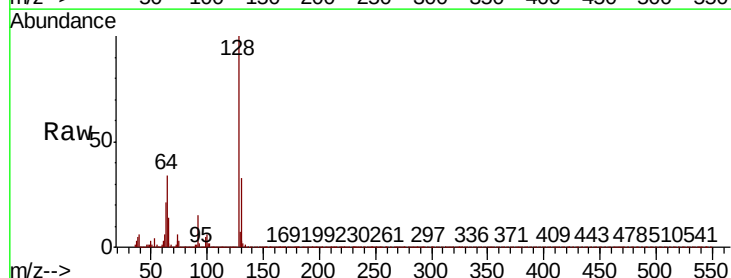
Delta R.T. 0.01 min

Lab File: BP000458.D

Acq: 27 Sep 2019 15:31

Tgt Ion: 128 Resp: 556183

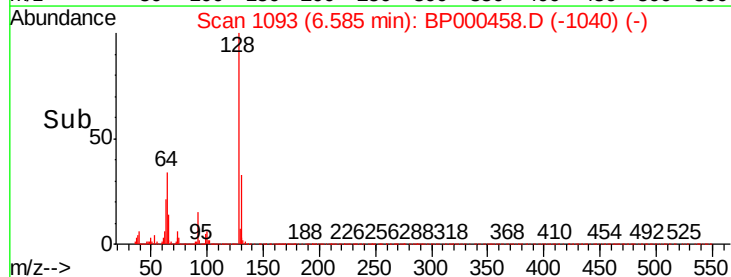
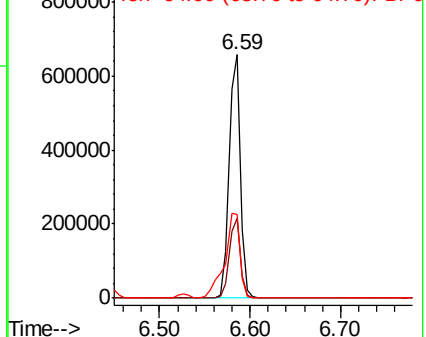
Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.5	52.5
64	34.4	16.0	56.0

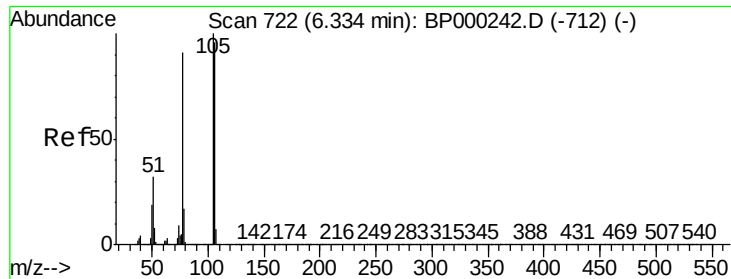


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 14.647 ng

RT: 6.34 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BP000458.D

Acq: 27 Sep 2019 15:31

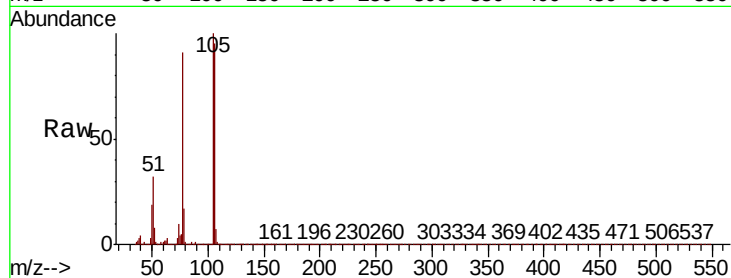
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 77 Resp: 129713

Ion	Ratio	Lower	Upper
77	100		
105	109.4	89.6	129.6
106	103.7	84.6	124.6

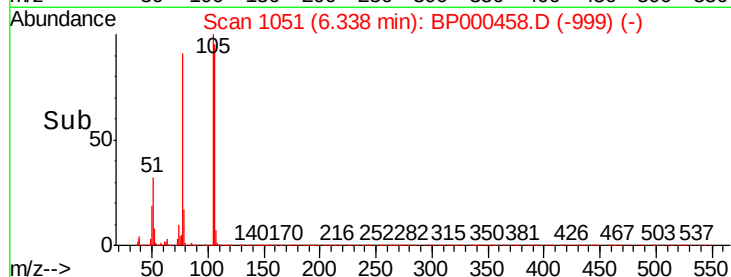


Abundance Ion 77.00 (76.70 to 77.70): BP0

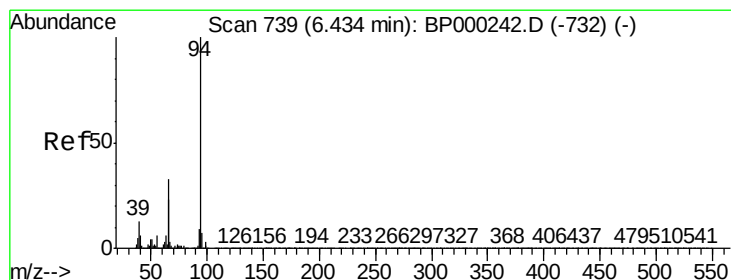
Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

6.34



Time--> 6.25 6.30 6.35 6.40



#10

Phenol

Concen: 46.555 ng

RT: 6.45 min Scan# 1070

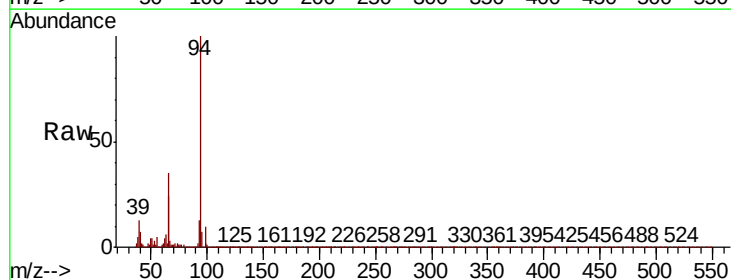
Delta R.T. 0.02 min

Lab File: BP000458.D

Acq: 27 Sep 2019 15:31

Tgt Ion: 94 Resp: 678651

Ion	Ratio	Lower	Upper
94	100		
65	24.1	3.3	43.3
66	34.9	12.7	52.7

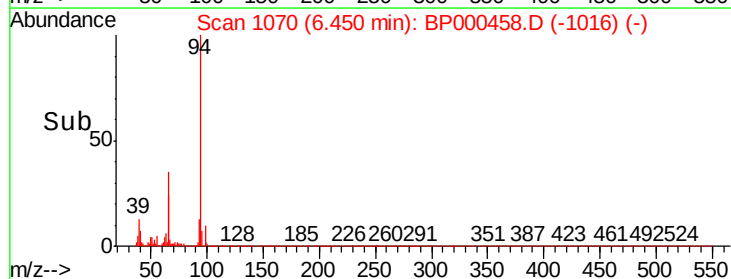


Abundance Ion 94.00 (93.70 to 94.70): BP0

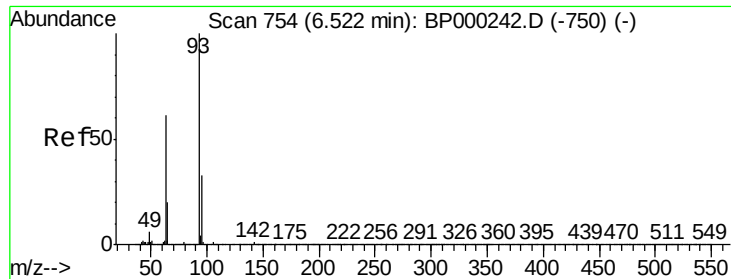
Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

6.45



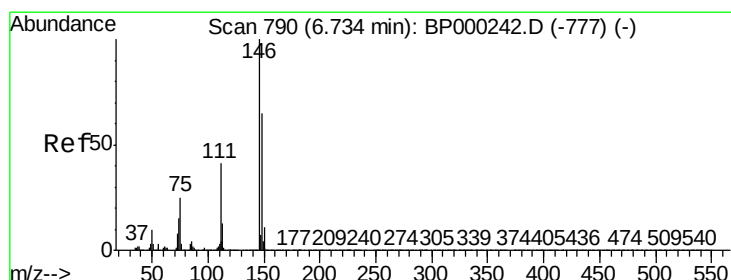
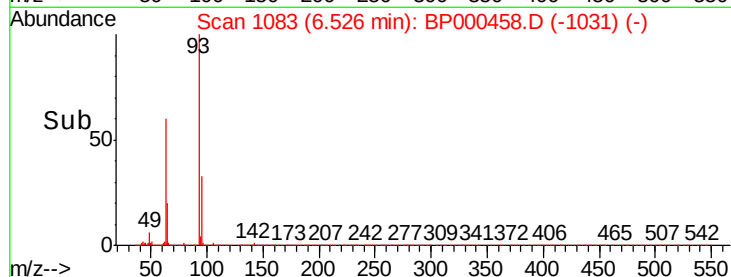
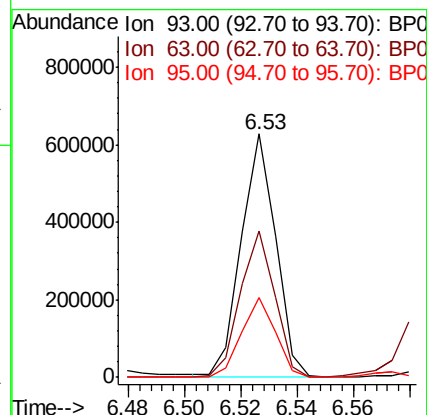
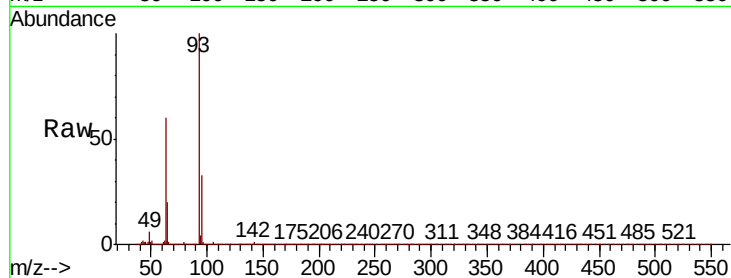
Time--> 6.35 6.40 6.45 6.50



#11
bis(2-Chloroethyl)ether
Concen: 47.522 ng
RT: 6.53 min Scan# 1083
Delta R.T. 0.00 min
Lab File: BP000458.D
Acq: 27 Sep 2019 15:31

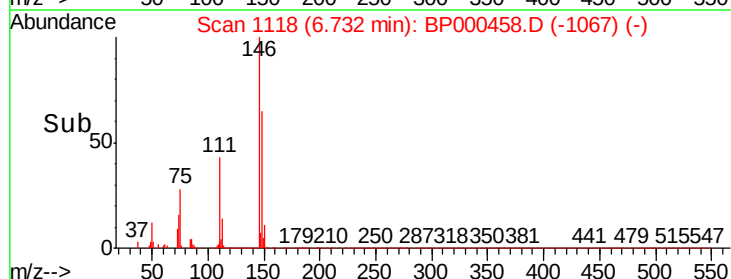
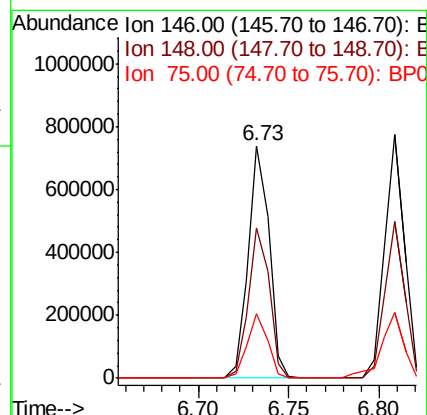
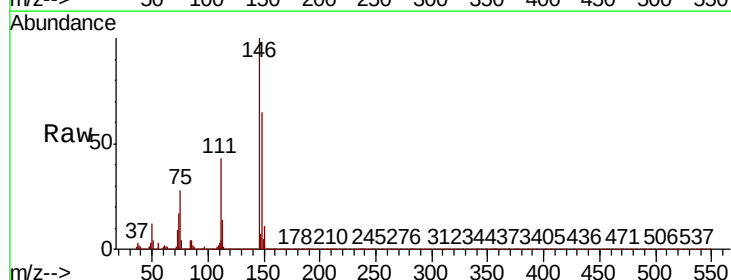
Instrument :
BNA_P
ClientSampleId :

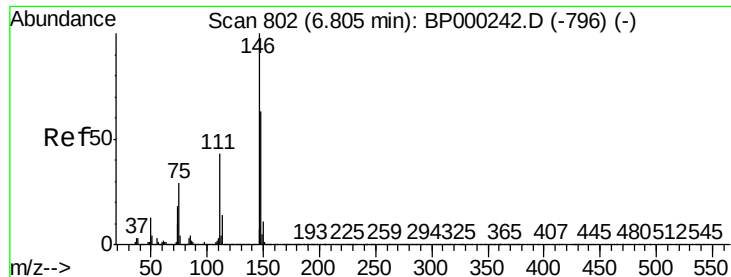
Tot Ion	Ratio	Lower	Upper
93	100		
63	60.2	41.0	81.0
95	32.5	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 43.644 ng
RT: 6.73 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BP000458.D
Acq: 27 Sep 2019 15:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.1	78.1
75	28.0	20.2	30.4

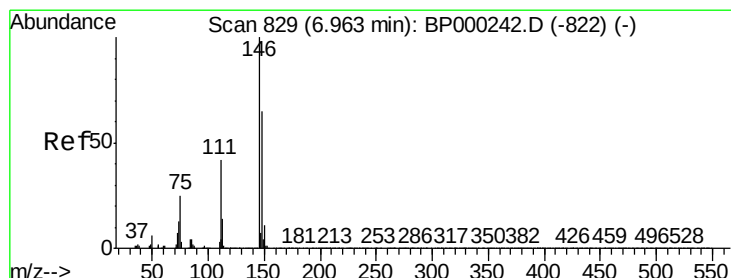
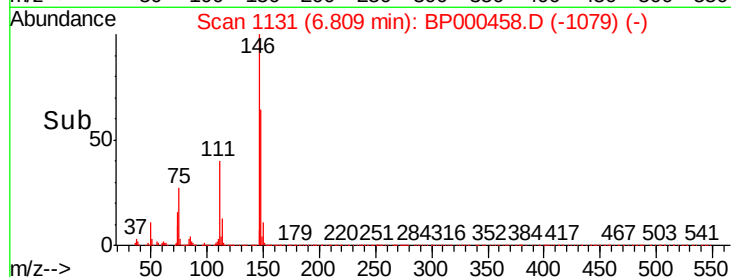
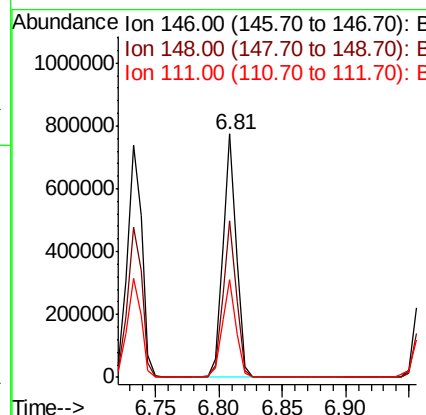
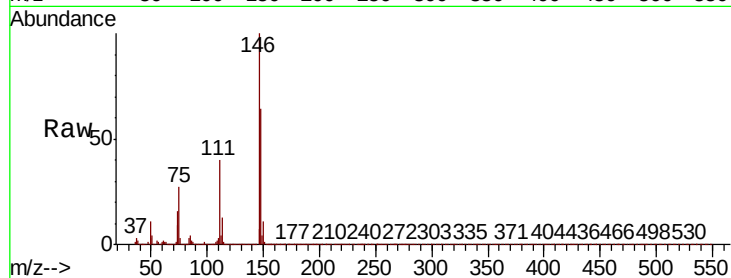




#13
1,4-Dichlorobenzene
Concen: 43.722 ng
RT: 6.81 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BP000458.D
Acq: 27 Sep 2019 15:31

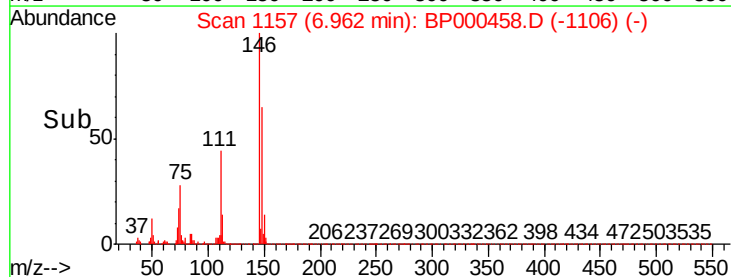
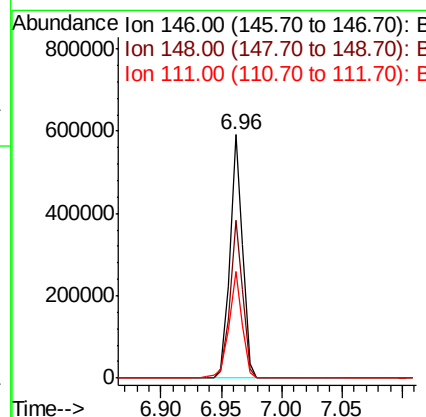
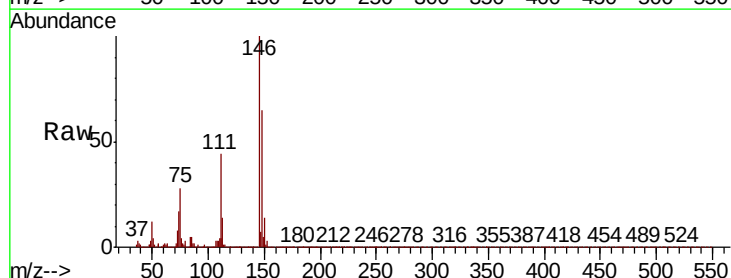
Instrument :
BNA_P
ClientSampleId :

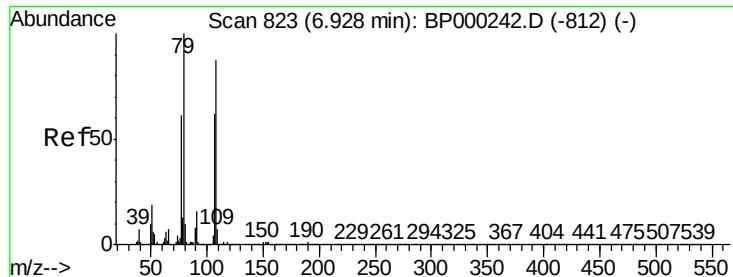
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.7	76.1
111	40.3	34.1	51.1



#14
1,2-Dichlorobenzene
Concen: 34.410 ng
RT: 6.96 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BP000458.D
Acq: 27 Sep 2019 15:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.7	77.5
111	43.6	33.4	50.2





#15

Benzyl Alcohol

Concen: 34.834 ng

RT: 6.93 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BP000458.D

Acq: 27 Sep 2019 15:31

Instrument :

BNA_P

ClientSampleId :

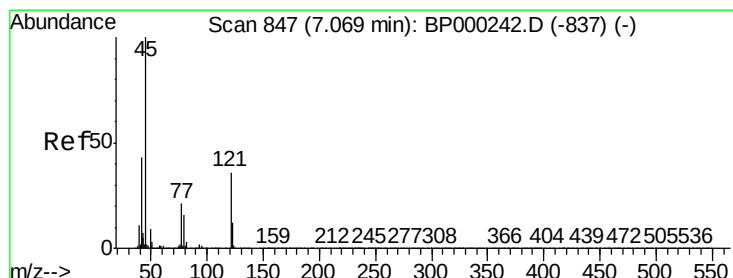
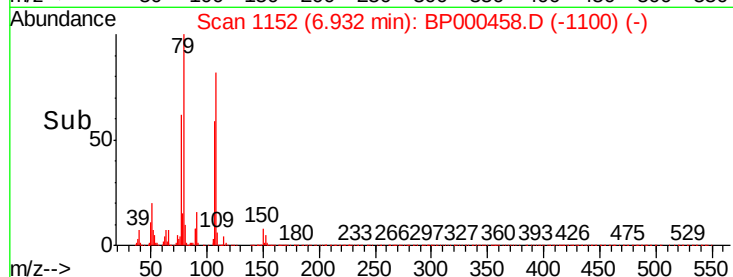
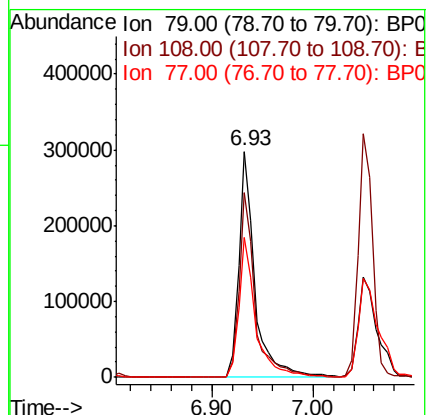
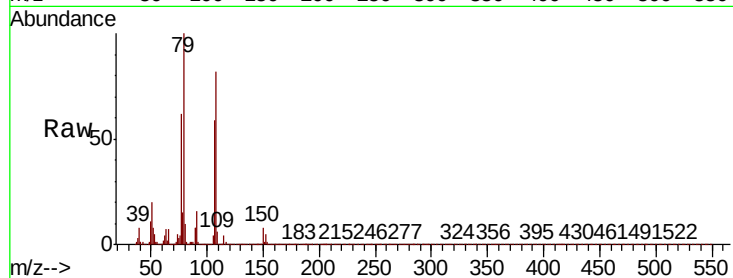
Tot Ion: 79 Resp: 325244

Ion Ratio Lower Upper

79 100

108 81.8 69.2 103.8

77 61.7 48.7 73.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 22.887 ng

RT: 7.07 min Scan# 1175

Delta R.T. -0.00 min

Lab File: BP000458.D

Acq: 27 Sep 2019 15:31

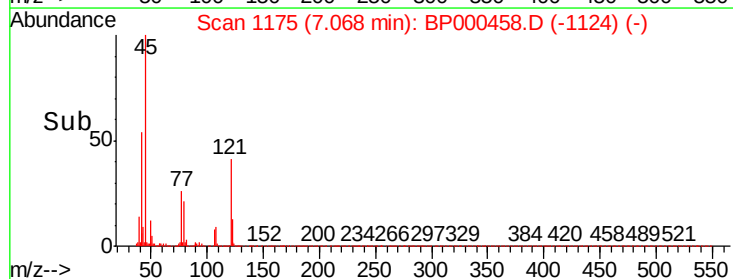
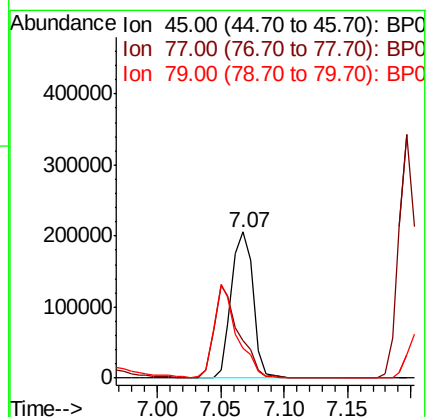
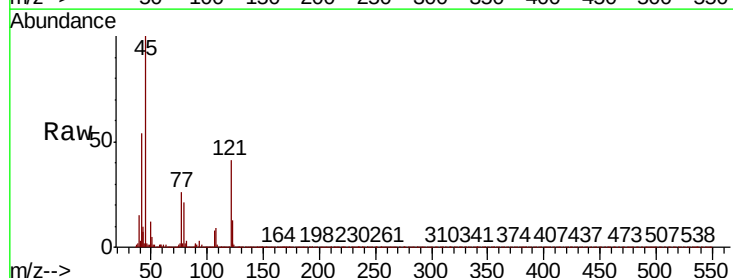
Tgt Ion: 45 Resp: 242219

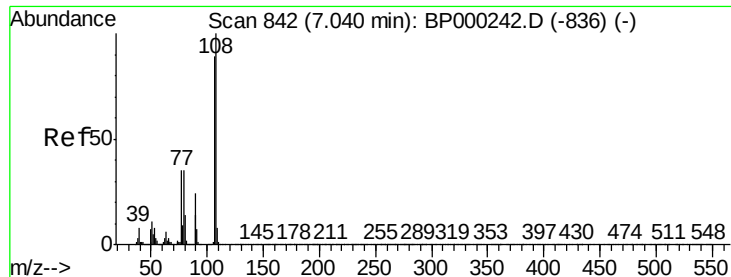
Ion Ratio Lower Upper

45 100

77 26.0 0.7 40.7

79 20.8 0.0 36.4

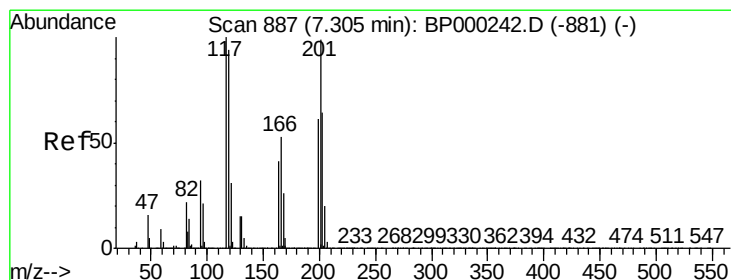
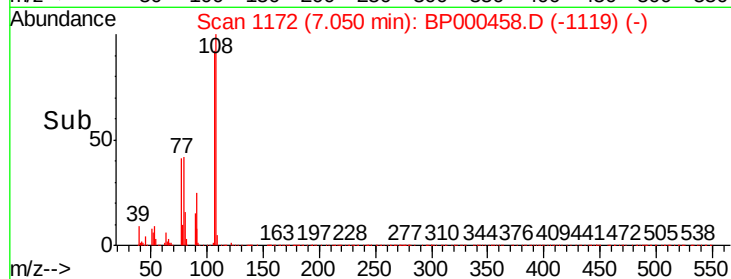
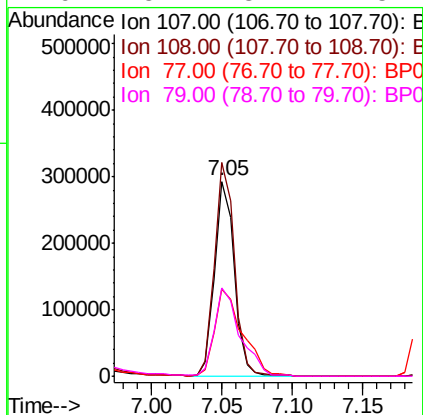
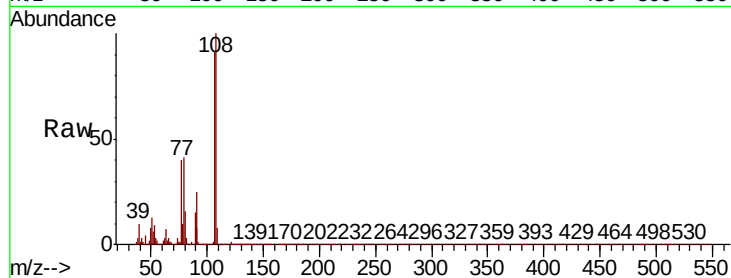




#17
2-Methylphenol
Concen: 29.596 ng
RT: 7.05 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BP000458.D
Acq: 27 Sep 2019 15:31

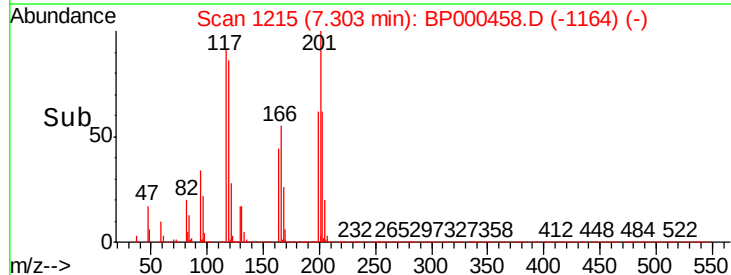
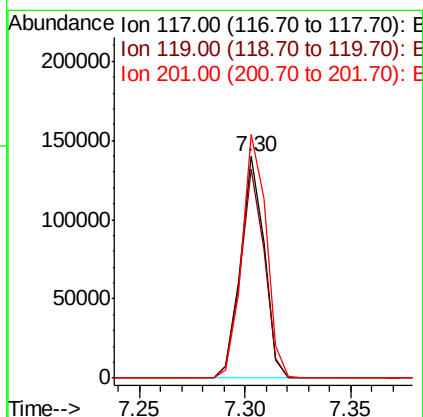
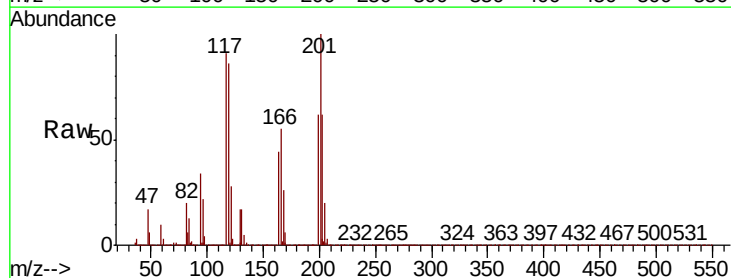
Instrument :
BNA_P
ClientSampled :

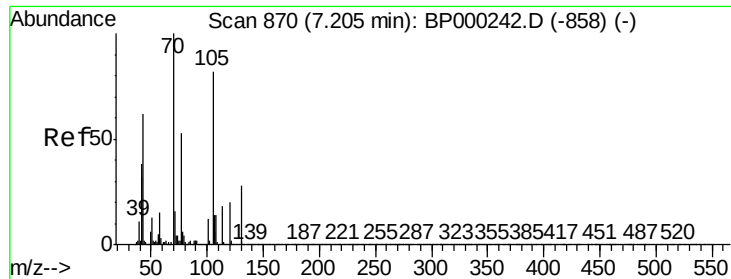
Tot Ion:	107	Resp:	285710
Ion	Ratio	Lower	Upper
107	100		
108	109.7	90.1	135.1
77	44.4	31.5	47.3
79	45.2	32.2	48.2



#18
Hexachloroethane
Concen: 21.663 ng
RT: 7.30 min Scan# 1215
Delta R.T. -0.00 min
Lab File: BP000458.D
Acq: 27 Sep 2019 15:31

Tgt Ion:	117	Resp:	107881
Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.6	113.4
201	110.0	79.4	119.2

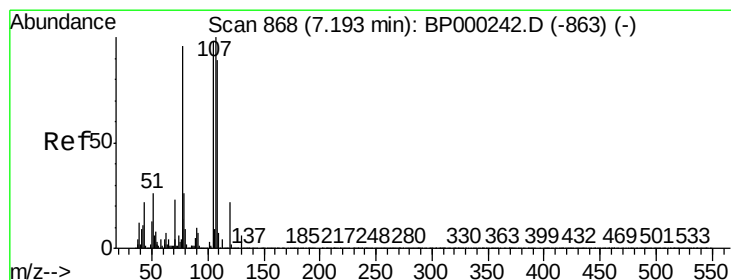
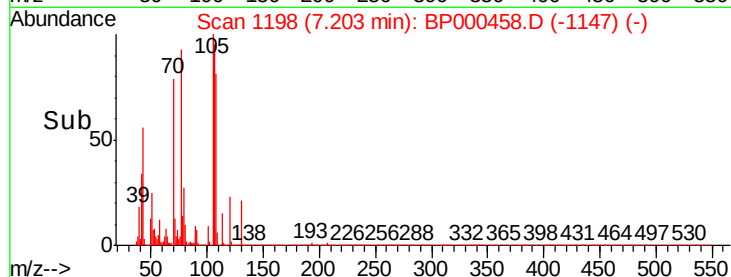
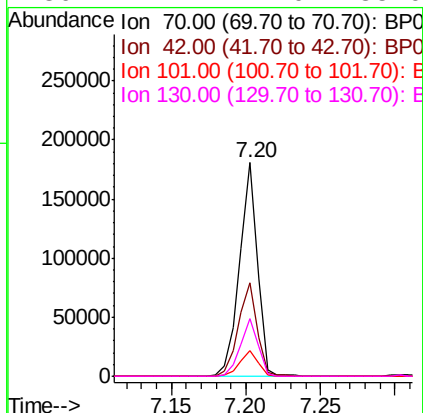
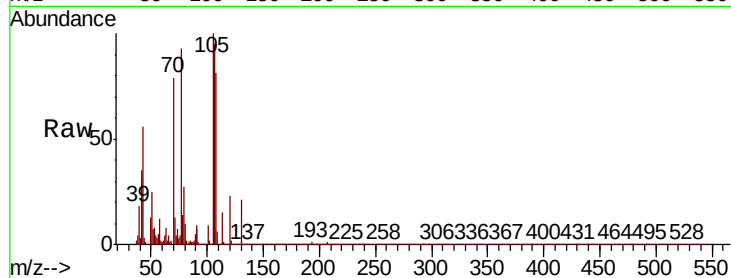




#19
n-Nitroso-di-n-propylamine
Concen: 22.513 ng
RT: 7.20 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BP000458.D
Acq: 27 Sep 2019 15:31

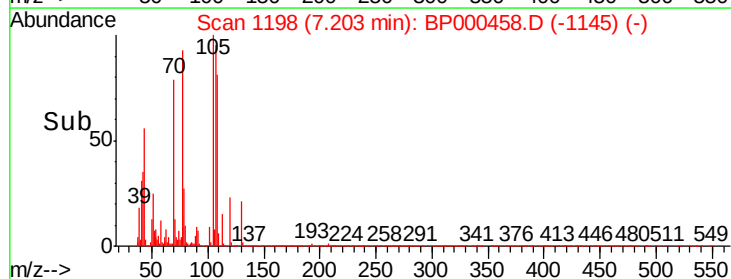
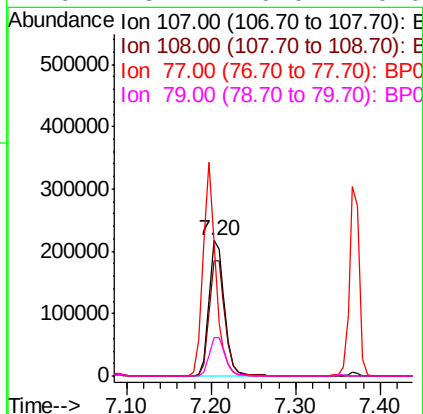
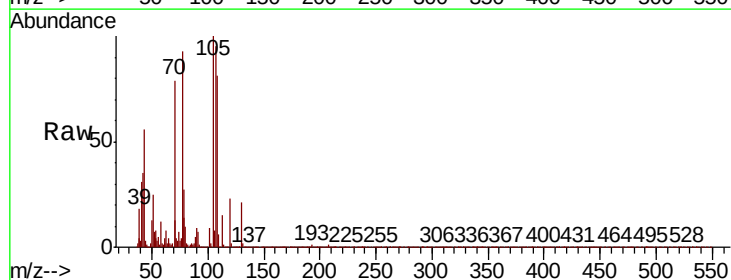
Instrument :
BNA_P
ClientSampleId :

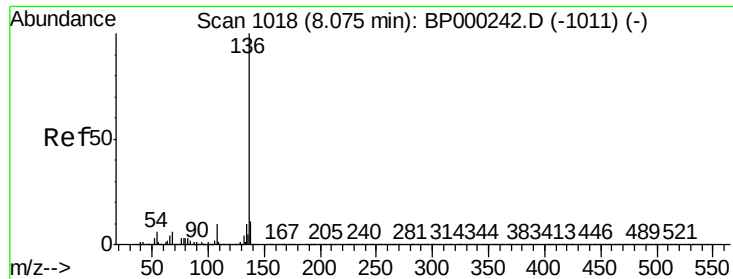
Tot Ion:	70	Resp:	152723
Ion	Ratio	Lower	Upper
70	100		
42	43.7	30.7	46.1
101	12.0	9.6	14.4
130	27.1	22.0	33.0



#20
3+4-Methylphenols
Concen: 23.821 ng
RT: 7.20 min Scan# 1198
Delta R.T. 0.01 min
Lab File: BP000458.D
Acq: 27 Sep 2019 15:31

Tgt Ion:	107	Resp:	278079
Ion	Ratio	Lower	Upper
107	100		
108	85.4	68.8	108.8
77	97.9	75.7	115.7
79	28.1	6.0	46.0

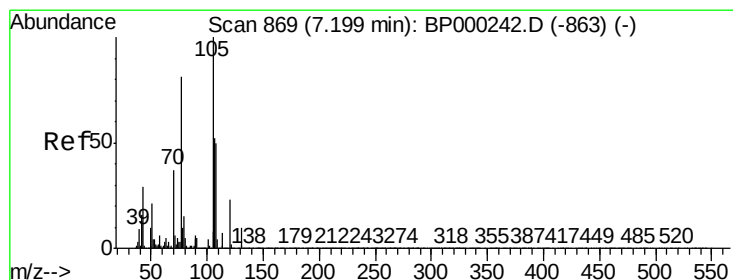
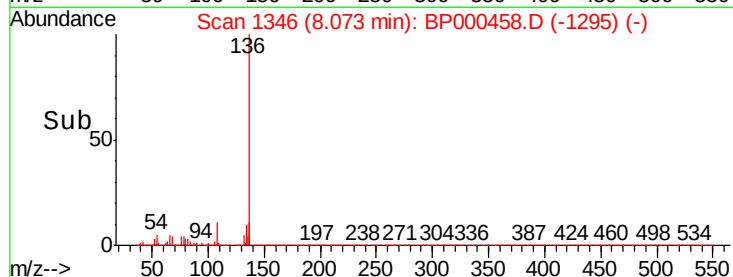
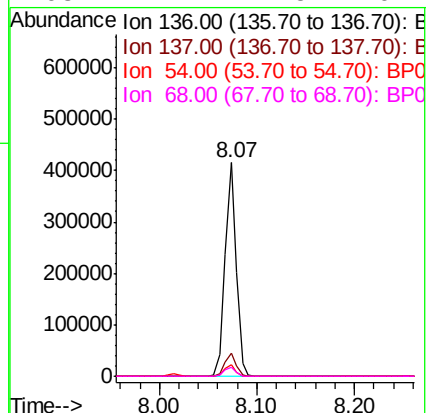
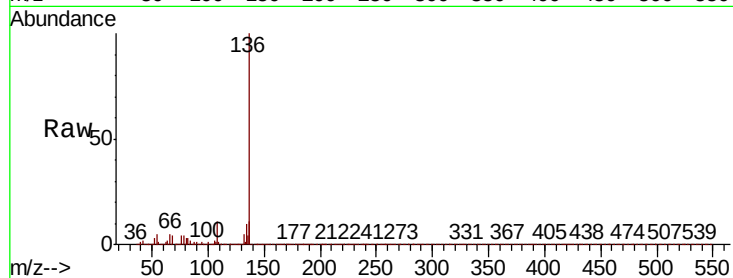




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BP000458.D
Acq: 27 Sep 2019 15:31

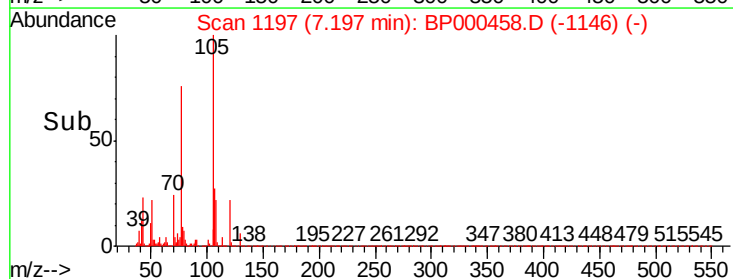
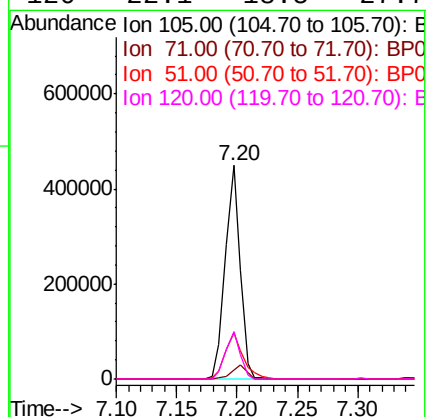
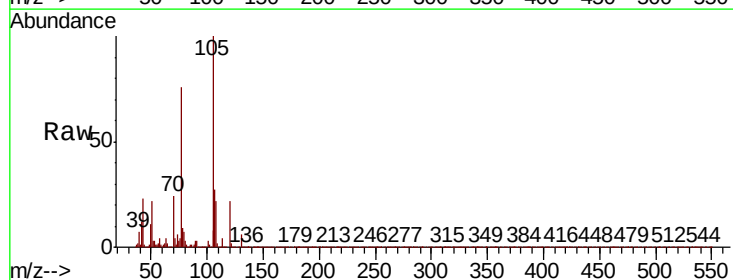
Instrument :
BNA_P
ClientSampleId :

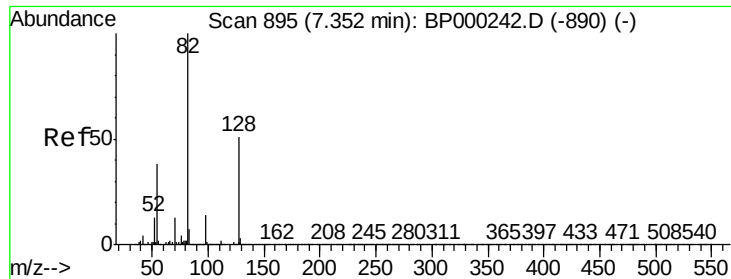
Tot Ion:136	Resp:	328089
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.6 13.0
54	5.4	4.5 6.7
68	4.1	4.5 6.7#



#22
Acetophenone
Concen: 53.819 ng
RT: 7.20 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BP000458.D
Acq: 27 Sep 2019 15:31

Tgt Ion:105	Resp:	382658
Ion	Ratio	Lower Upper
105	100	
71	4.1	5.2 7.8#
51	21.9	16.6 24.8
120	22.1	18.5 27.7

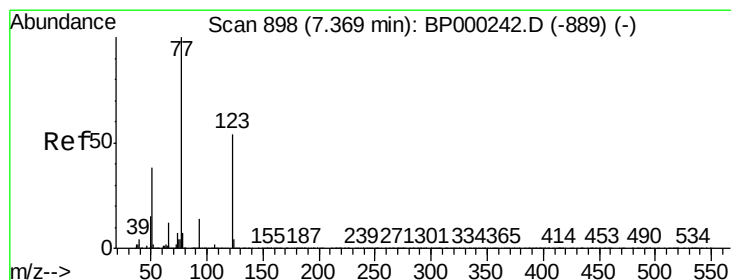
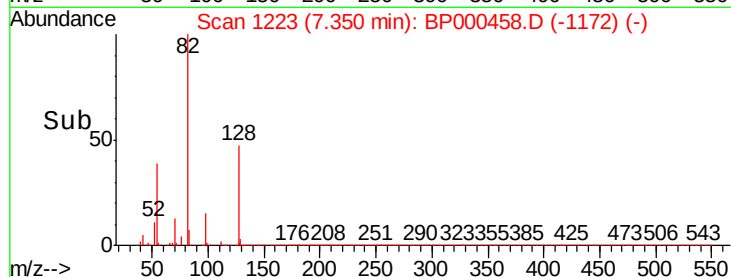
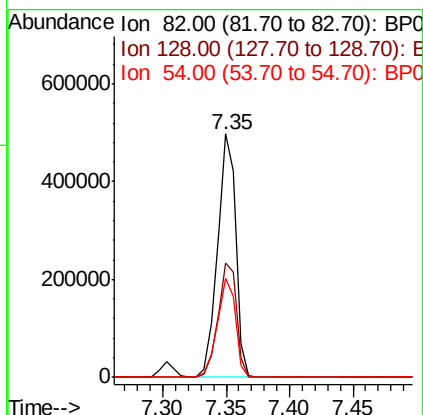
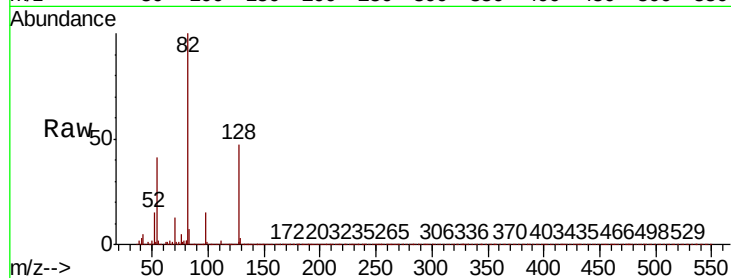




#23
 Nitrobenzene-d5
 Concen: 99.587 ng
 RT: 7.35 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BP000458.D
 Acq: 27 Sep 2019 15:31

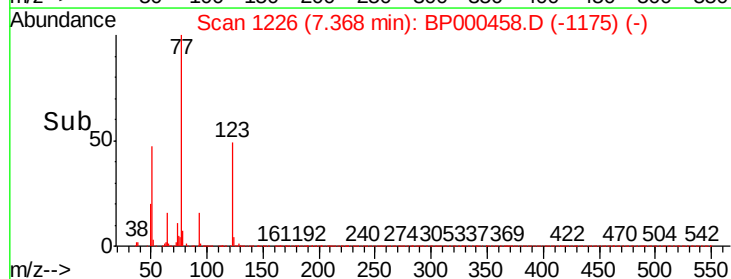
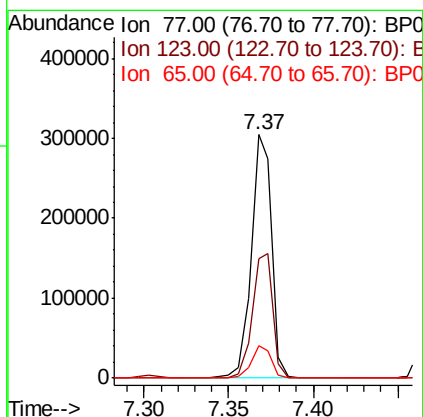
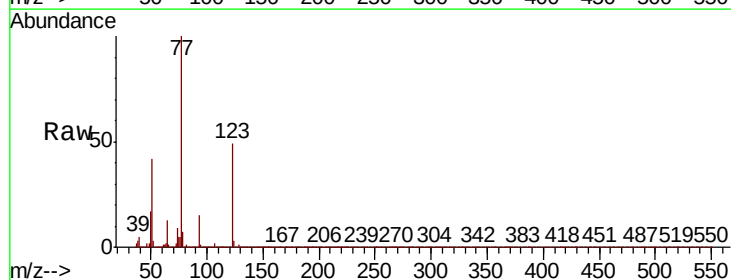
Instrument :
 BNA_P
 ClientSampleId :

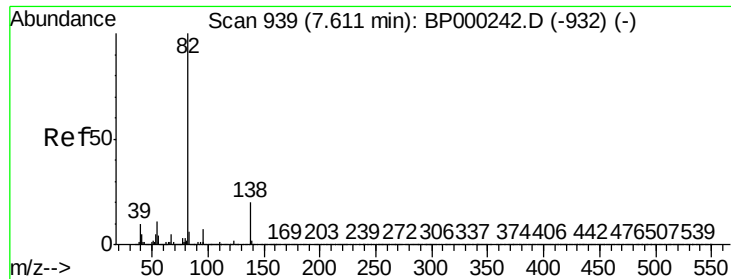
Tot Ion	82	Resp	506410
Ion Ratio	Lower	Upper	
82	100		
128	46.8	40.7	61.1
54	40.9	30.1	45.1



#24
 Nitrobenzene
 Concen: 48.271 ng
 RT: 7.37 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: BP000458.D
 Acq: 27 Sep 2019 15:31

Tgt Ion	77	Resp	254959
Ion Ratio	Lower	Upper	
77	100		
123	49.0	43.1	64.7
65	13.2	9.4	14.2





#25

Isophorone

Concen: 46.027 ng

RT: 7.61 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BP000458.D

Acq: 27 Sep 2019 15:31

Instrument :

BNA_P

ClientSampleId :

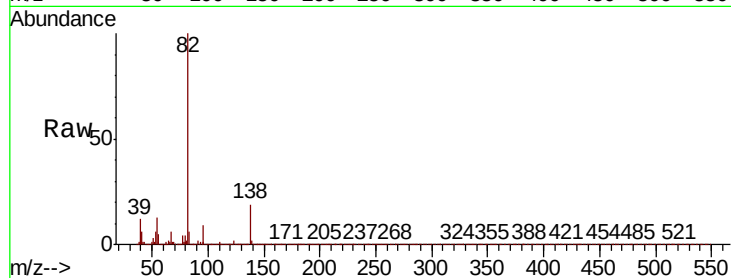
Tot Ion: 82 Resp: 463459

Ion Ratio Lower Upper

82 100

95 8.6 5.9 8.9

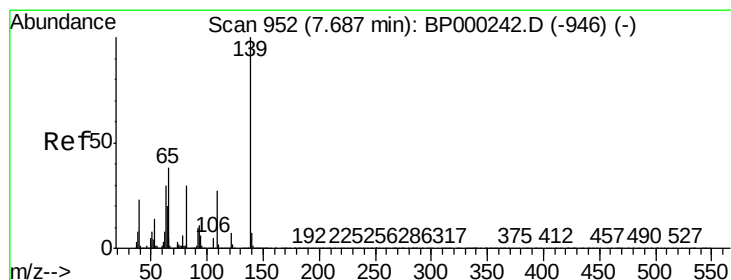
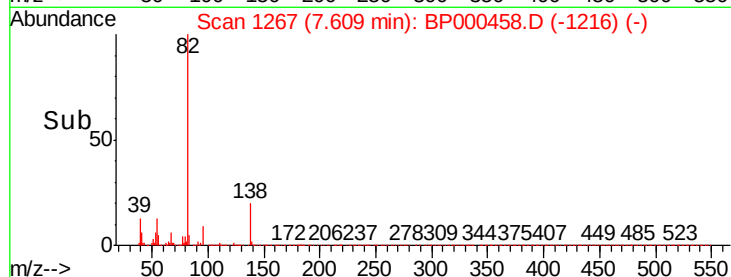
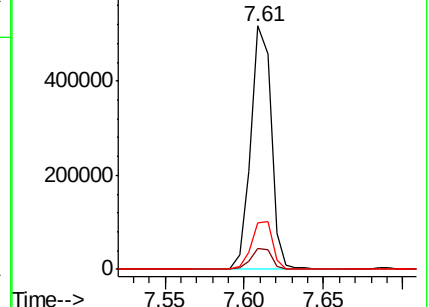
138 19.1 15.9 23.9



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): BP0



#26

2-Nitrophenol

Concen: 45.664 ng

RT: 7.69 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BP000458.D

Acq: 27 Sep 2019 15:31

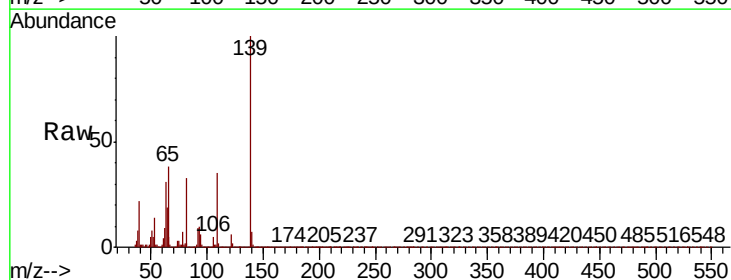
Tgt Ion: 139 Resp: 127863

Ion Ratio Lower Upper

139 100

109 35.1 21.8 32.6#

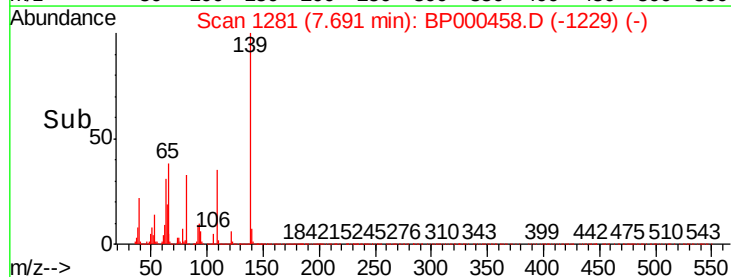
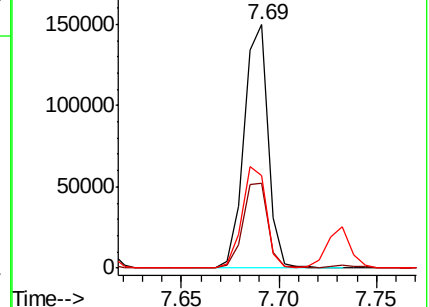
65 38.3 30.5 45.7

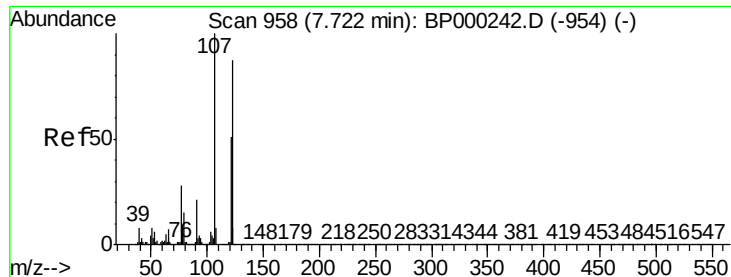


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0

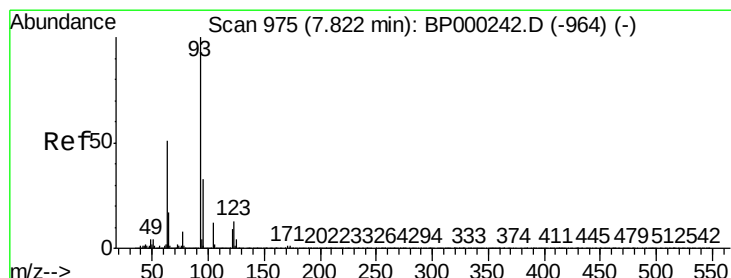
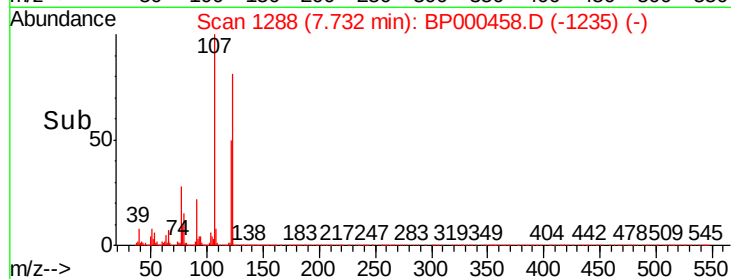
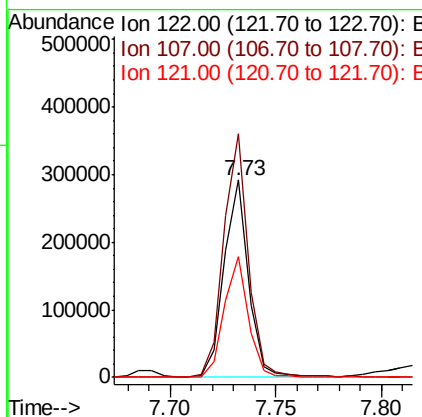
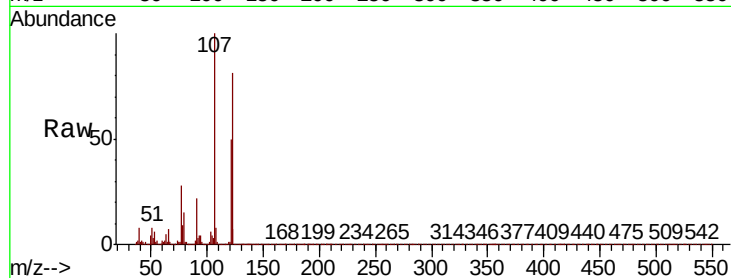




#27
2,4-Dimethylphenol
Concen: 52.432 ng
RT: 7.73 min Scan# 1288
Delta R.T. 0.01 min
Lab File: BP000458.D
Acq: 27 Sep 2019 15:31

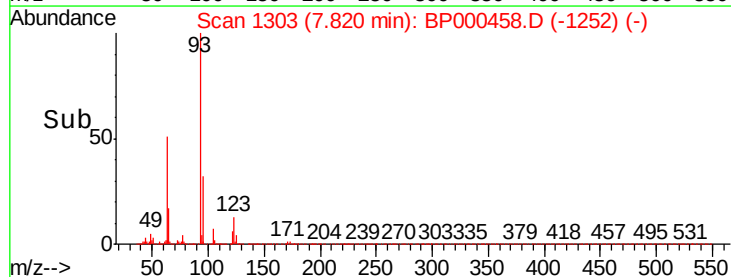
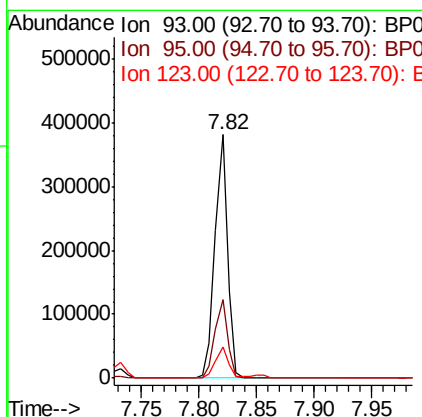
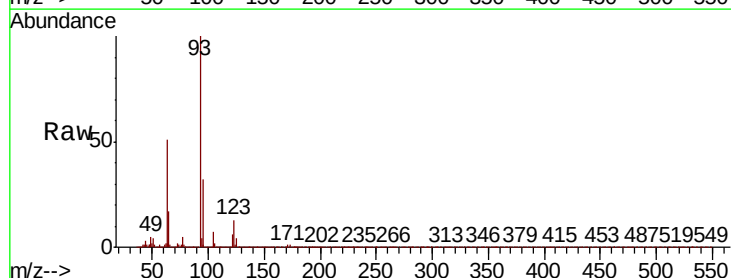
Instrument :
BNA_P
ClientSampled :

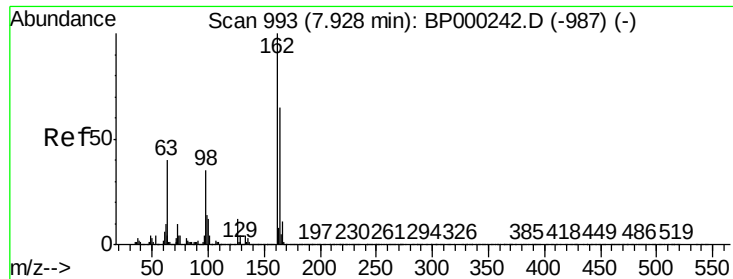
Tot Ion	Ratio	Lower	Upper
122	100		
107	123.6	91.5	137.3
121	61.3	46.9	70.3



#28
bis(2-Chloroethoxy)methane
Concen: 43.410 ng
RT: 7.82 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BP000458.D
Acq: 27 Sep 2019 15:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.2	39.4
123	12.8	10.2	15.2





#29

2,4-Dichlorophenol

Concen: 52.739 ng

RT: 7.94 min Scan# 1323

Delta R.T. 0.01 min

Lab File: BP000458.D

Acq: 27 Sep 2019 15:31

Instrument :

BNA_P

ClientSampleId :

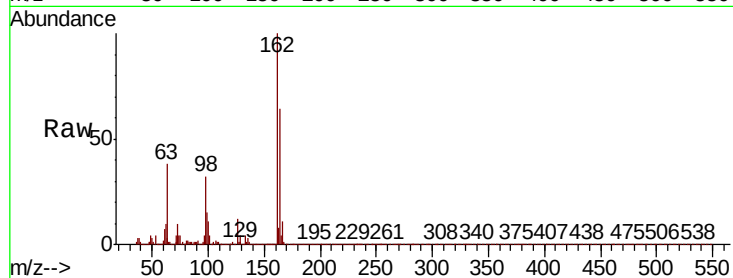
Tot Ion:162 Resp: 252107

Ion Ratio Lower Upper

162 100

164 64.4 44.5 84.5

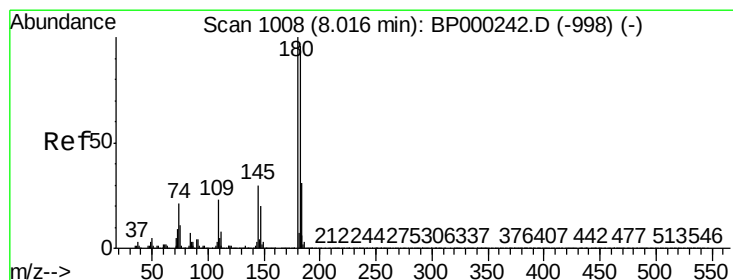
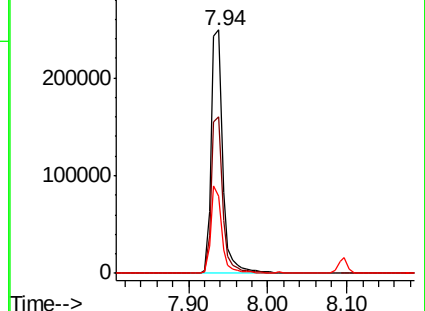
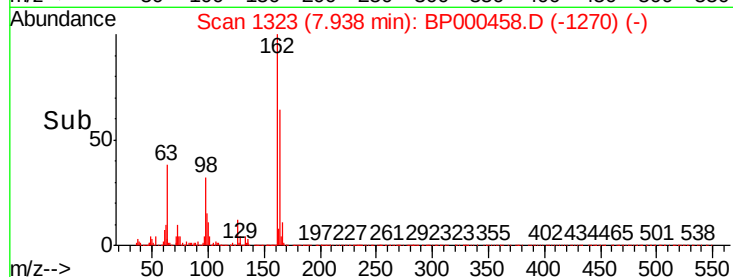
98 31.7 15.2 55.2



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: 51.256 ng

RT: 8.01 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BP000458.D

Acq: 27 Sep 2019 15:31

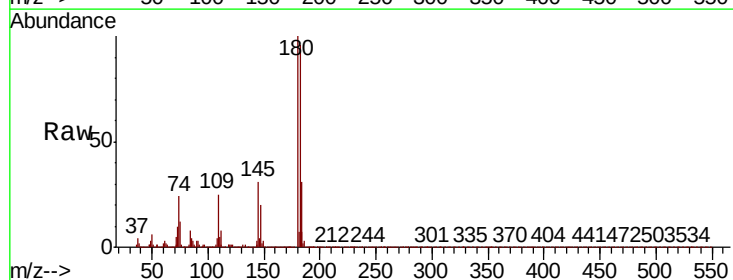
Tgt Ion:180 Resp: 280844

Ion Ratio Lower Upper

180 100

182 95.6 77.2 115.8

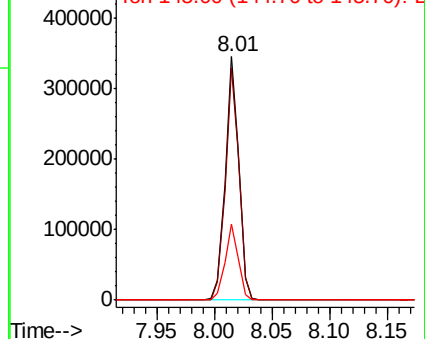
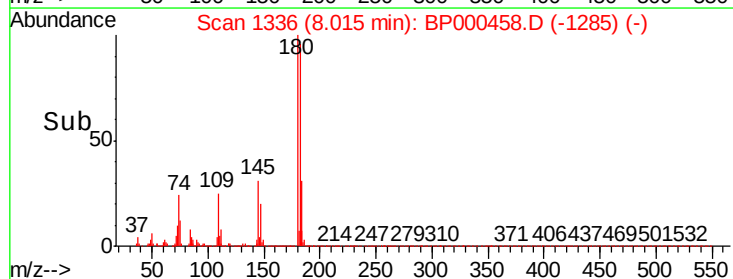
145 31.4 24.3 36.5

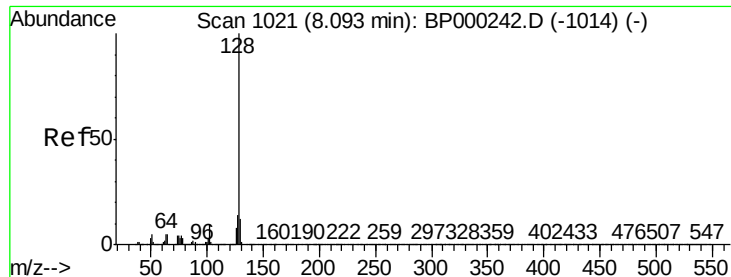


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 52.346 ng

RT: 8.10 min Scan# 1350

Delta R.T. 0.00 min

Lab File: BP000458.D

Acq: 27 Sep 2019 15:31

Instrument :

BNA_P

ClientSampled :

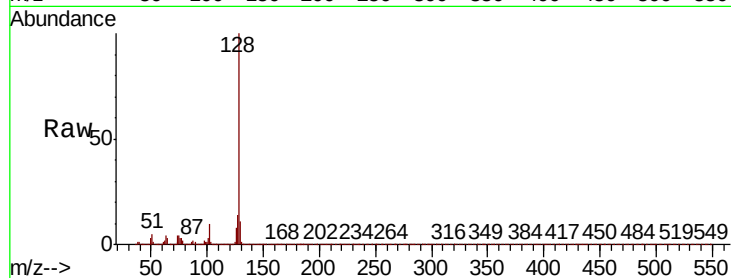
Tot Ion:128 Resp: 795398

Ion Ratio Lower Upper

128 100

129 10.9 9.2 13.8

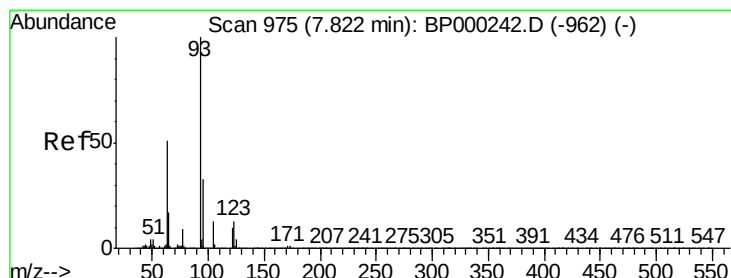
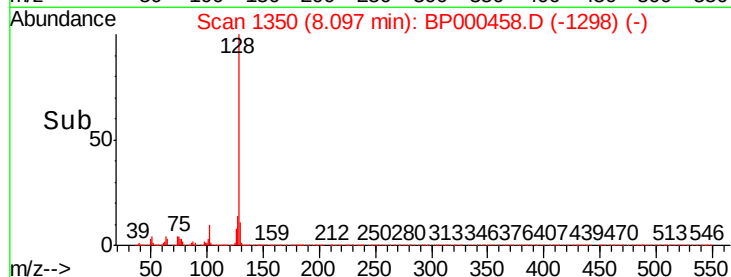
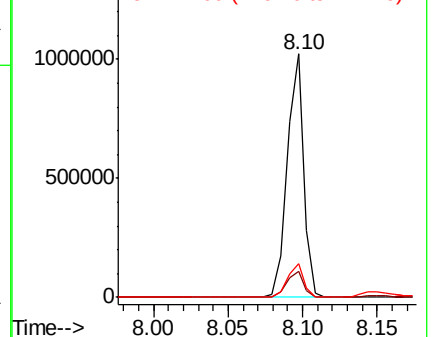
127 13.7 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.259 ng

RT: 7.86 min Scan# 1309

Delta R.T. 0.03 min

Lab File: BP000458.D

Acq: 27 Sep 2019 15:31

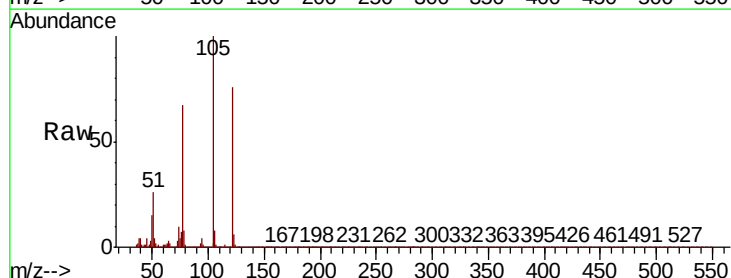
Tgt Ion:122 Resp: 115218

Ion Ratio Lower Upper

122 100

105 130.9 105.4 145.4

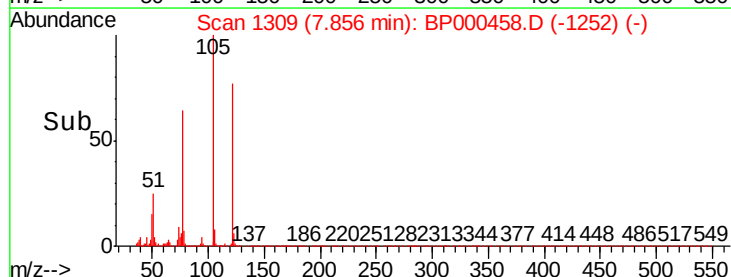
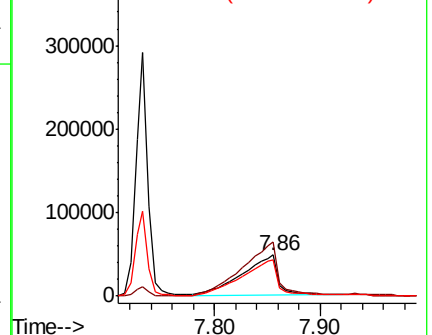
77 87.6 65.3 105.3

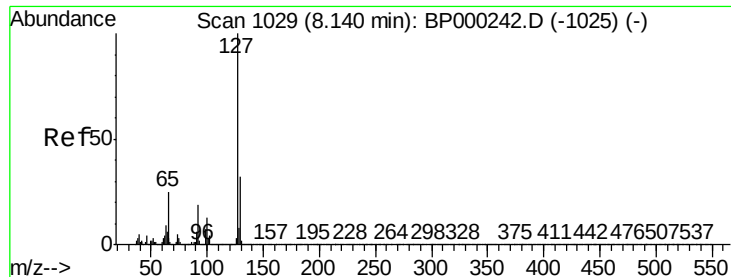


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BPO

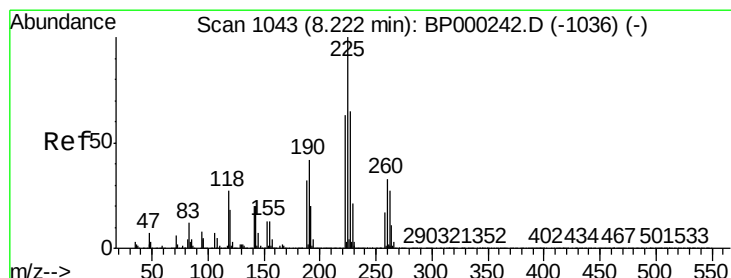
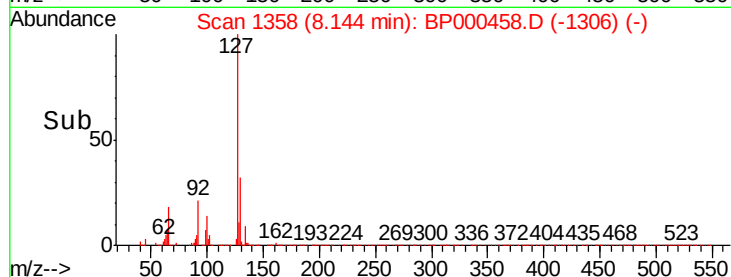
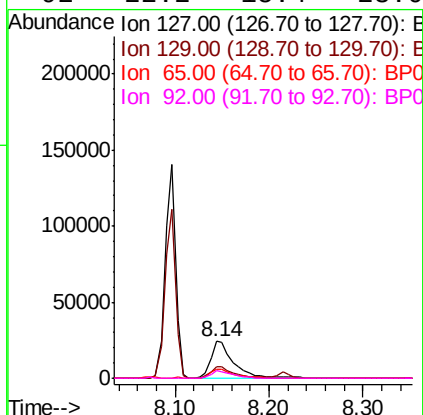
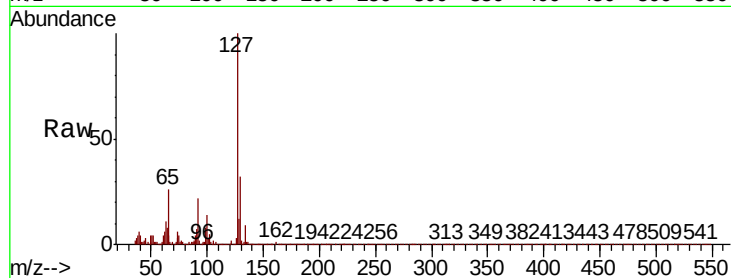




#33
4-Chloroaniline
Concen: 5.913 ng
RT: 8.14 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BP000458.D
Acq: 27 Sep 2019 15:31

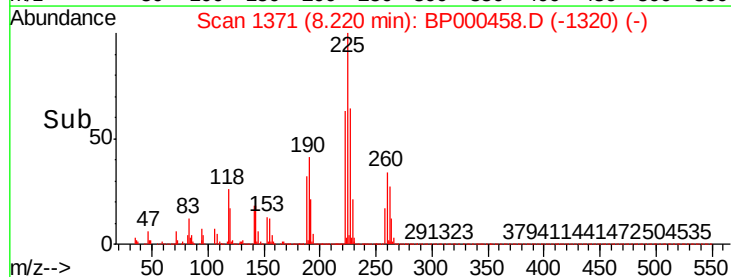
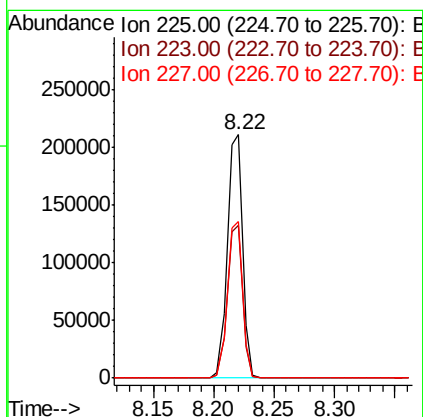
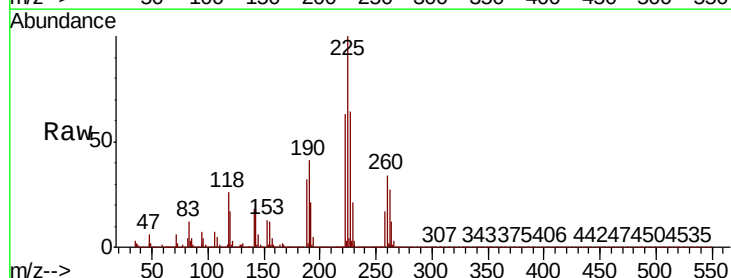
Instrument :
BNA_P
ClientSampleId :

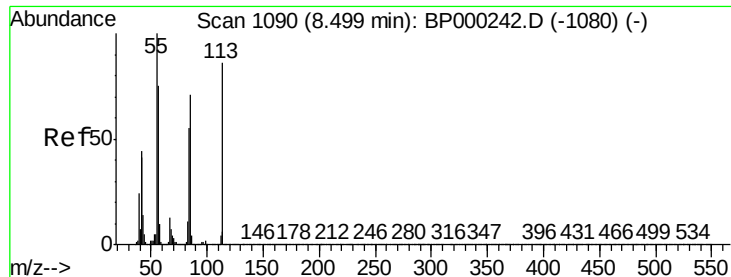
Tot Ion:	127	Resp:	40663
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.7	38.5
65	25.7	19.9	29.9
92	22.2	15.4	23.0



#34
Hexachlorobutadiene
Concen: 56.943 ng
RT: 8.22 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BP000458.D
Acq: 27 Sep 2019 15:31

Tgt Ion:	225	Resp:	184865
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.2	75.2
227	64.3	51.8	77.6

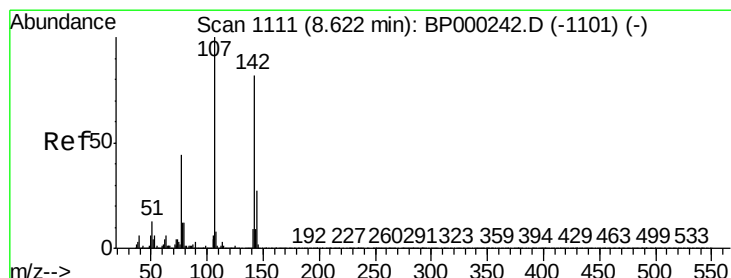
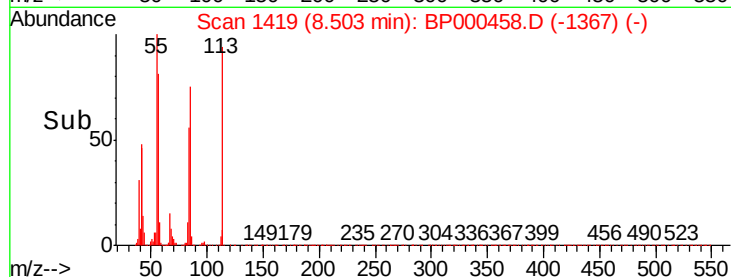
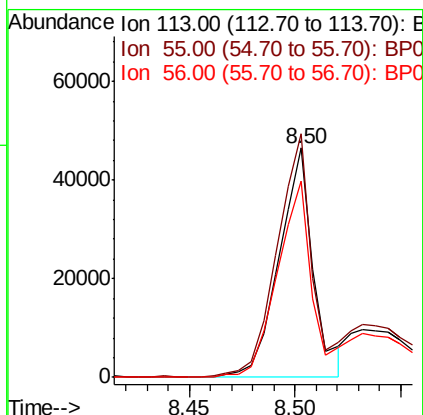
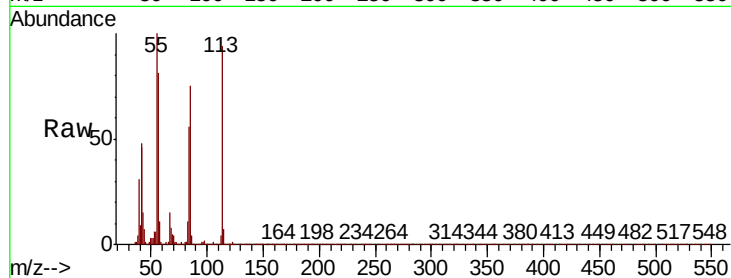




#35
 Caprolactam
 Concen: 32.171 ng
 RT: 8.50 min Scan# 1419
 Delta R.T. 0.00 min
 Lab File: BP000458.D
 Acq: 27 Sep 2019 15:31

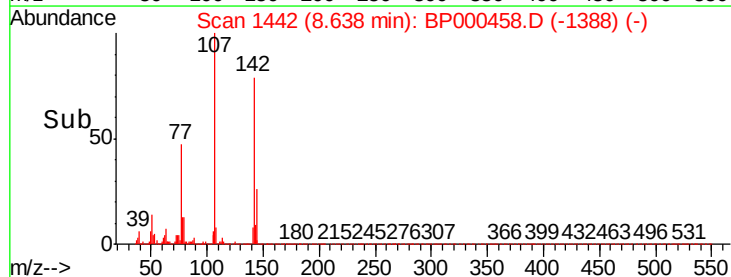
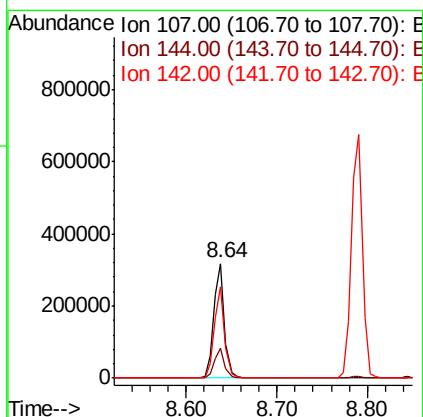
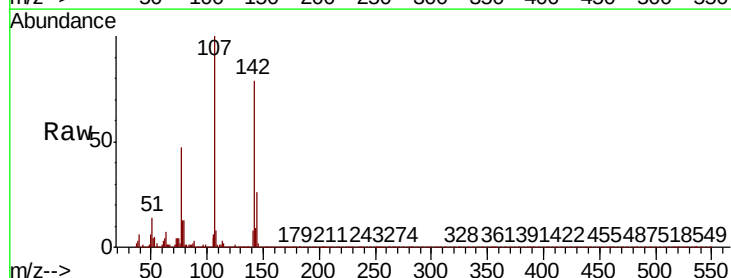
Instrument :
 BNA_P
 ClientSampleId :

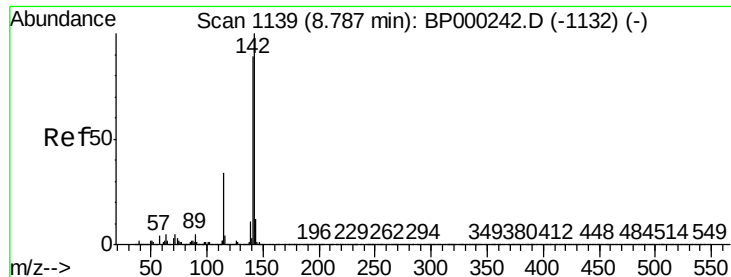
Tot Ion:113 Resp: 52314
 Ion Ratio Lower Upper
 113 100
 55 106.1 96.8 136.8
 56 85.6 67.5 107.5



#36
 4-Chloro-3-methylphenol
 Concen: 53.950 ng
 RT: 8.64 min Scan# 1442
 Delta R.T. 0.02 min
 Lab File: BP000458.D
 Acq: 27 Sep 2019 15:31

Tgt Ion:107 Resp: 261807
 Ion Ratio Lower Upper
 107 100
 144 25.6 21.5 32.3
 142 78.9 65.7 98.5

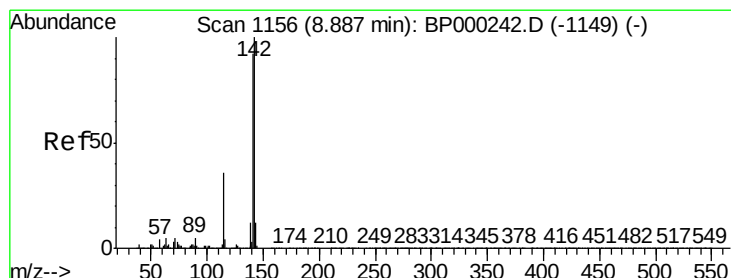
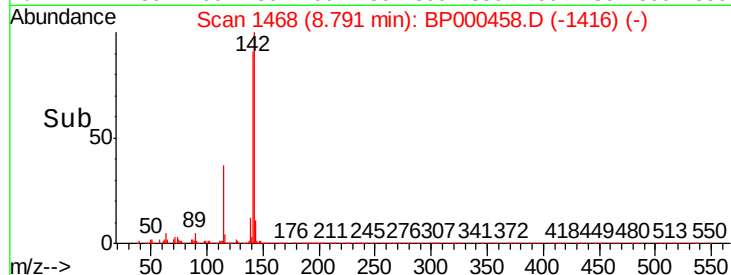
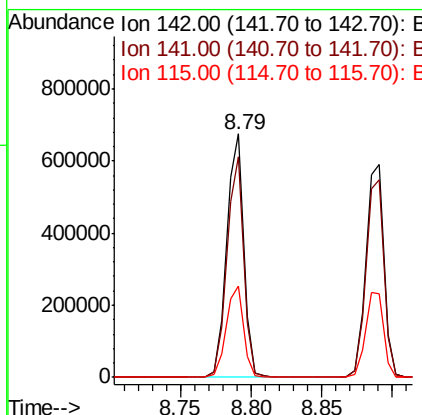
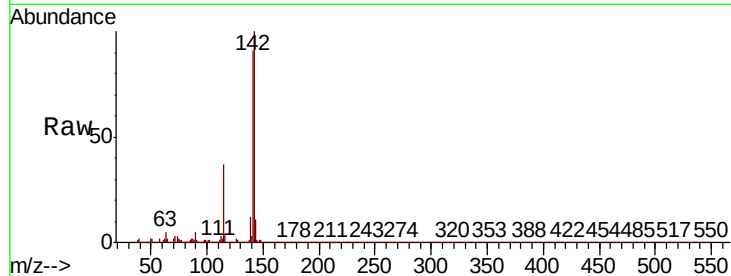




#37
 2-Methylnaphthalene
 Concen: 53.989 ng
 RT: 8.79 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BP000458.D
 Acq: 27 Sep 2019 15:31

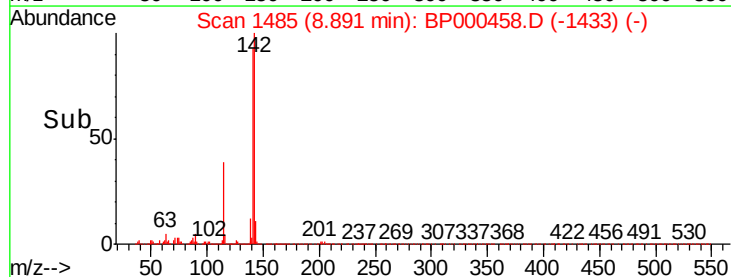
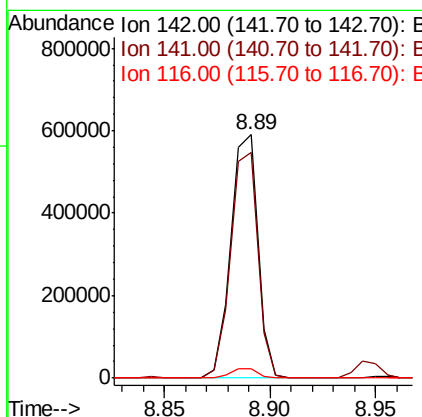
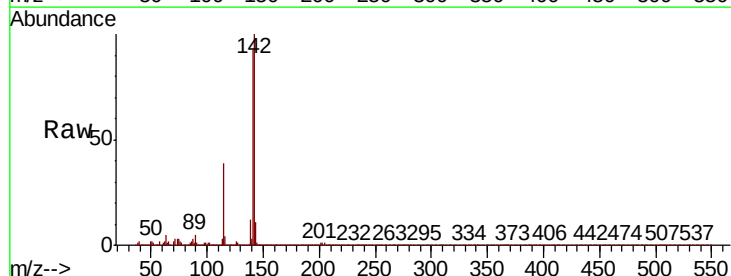
Instrument :
 BNA_P
 ClientSampleId :

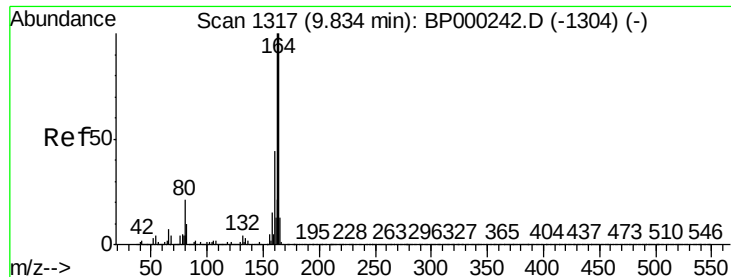
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.3	106.9
115	37.4	27.2	40.8



#38
 1-Methylnaphthalene
 Concen: 53.512 ng
 RT: 8.89 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: BP000458.D
 Acq: 27 Sep 2019 15:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.9	110.9
116	4.1	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1646

Delta R.T. 0.00 min

Lab File: BP000458.D

Acq: 27 Sep 2019 15:31

Instrument :

BNA_P

ClientSampled :

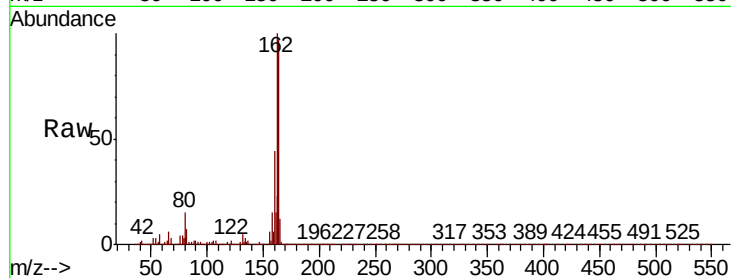
Tot Ion:164 Resp: 185428

Ion Ratio Lower Upper

164 100

162 103.6 79.9 119.9

160 45.5 35.6 53.4

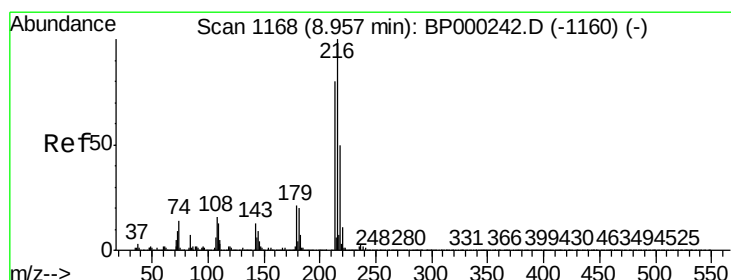
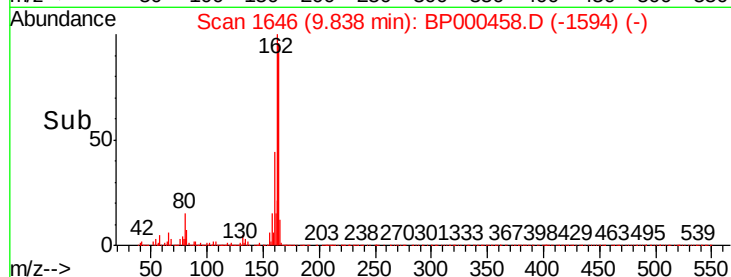
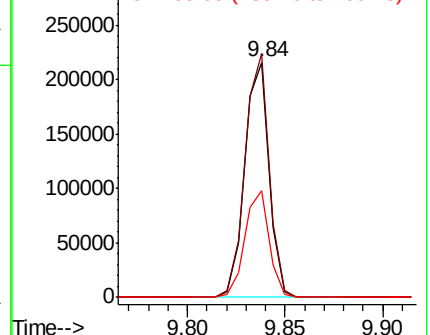


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 59.331 ng

RT: 8.96 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BP000458.D

Acq: 27 Sep 2019 15:31

Tgt Ion:216 Resp: 314556

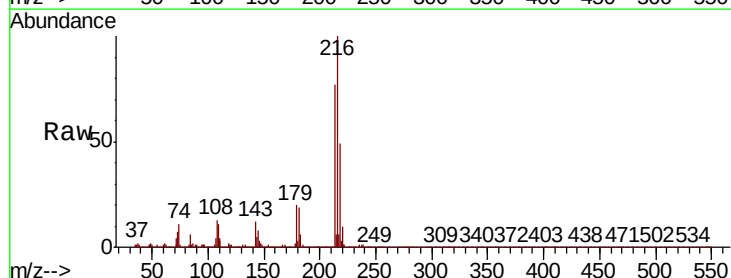
Ion Ratio Lower Upper

216 100

214 77.9 63.6 95.4

179 21.0 17.0 25.4

108 18.1 15.1 22.7



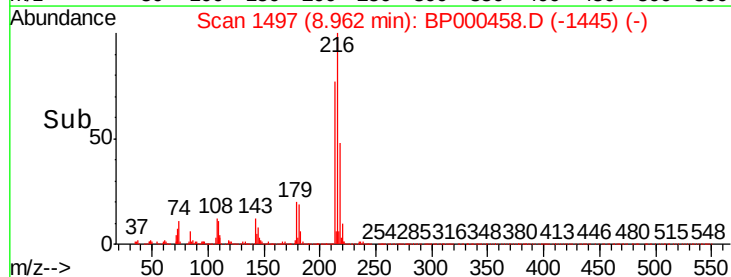
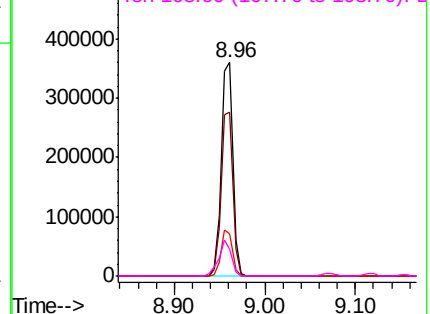
Abundance

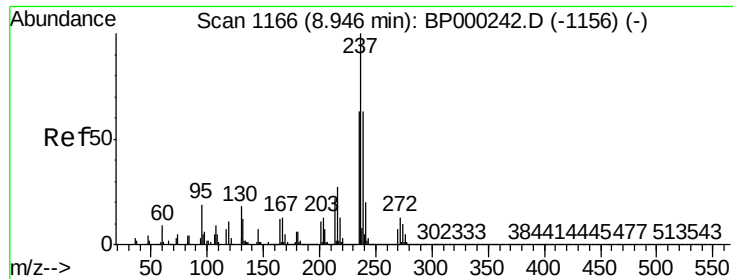
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 95.743 ng

RT: 8.95 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BP000458.D

Acq: 27 Sep 2019 15:31

Instrument :

BNA_P

ClientSampleId :

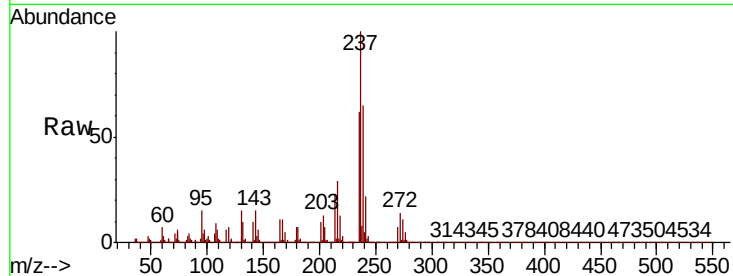
Tot Ion:237 Resp: 291480

Ion Ratio Lower Upper

237 100

235 62.1 43.5 83.5

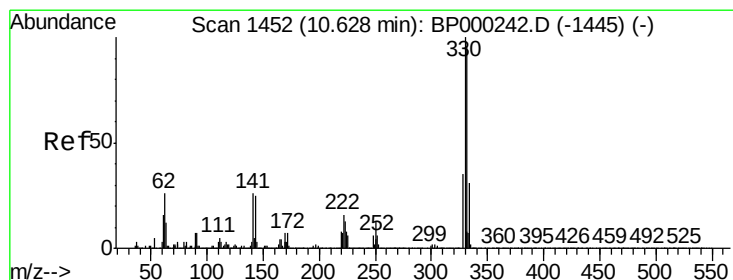
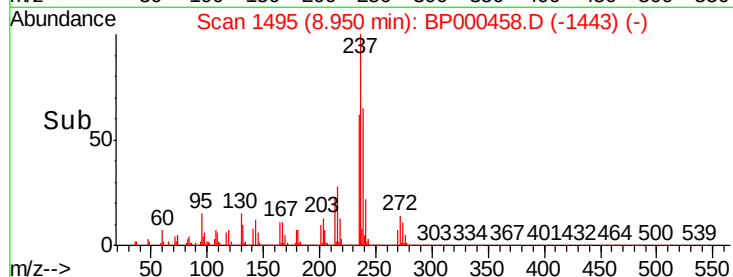
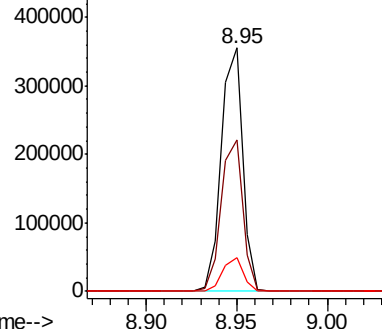
272 13.9 0.0 33.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 202.676 ng

RT: 10.63 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BP000458.D

Acq: 27 Sep 2019 15:31

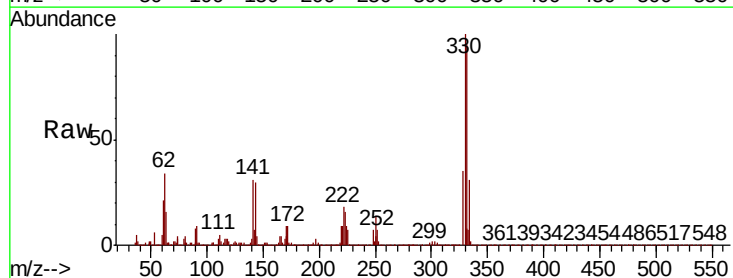
Tgt Ion:330 Resp: 372761

Ion Ratio Lower Upper

330 100

332 96.5 76.6 115.0

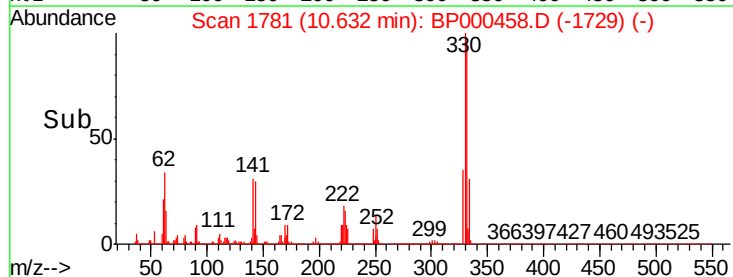
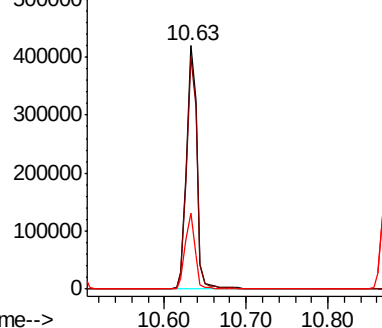
141 29.4 26.5 39.7

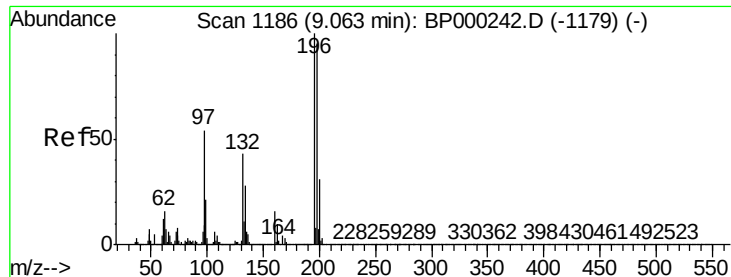


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

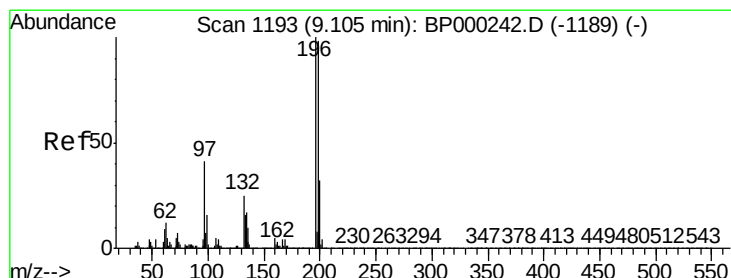
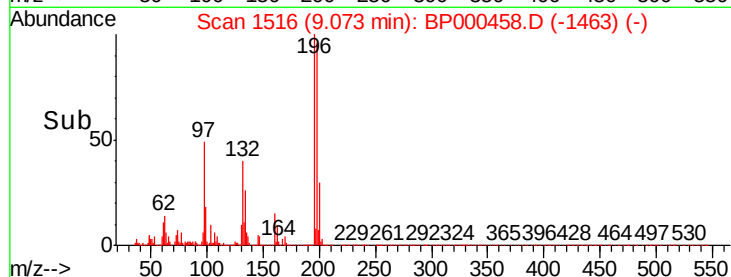
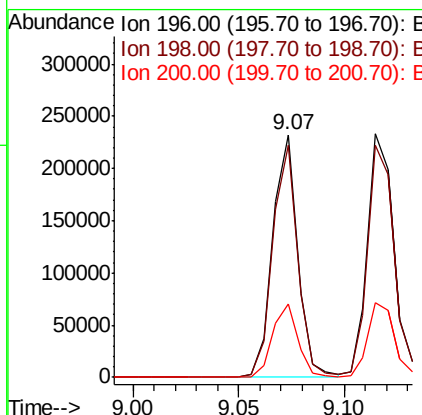
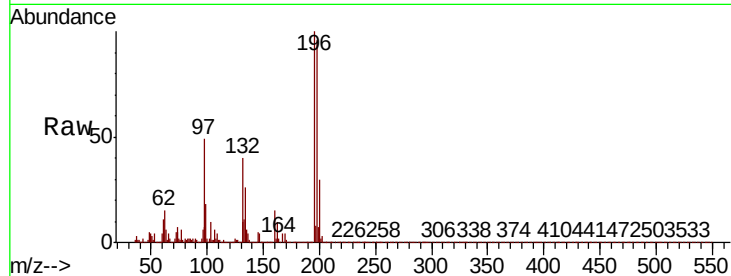




#43
 2,4,6-Trichlorophenol
 Concen: 52.145 ng
 RT: 9.07 min Scan# 1516
 Delta R.T. 0.01 min
 Lab File: BP000458.D
 Acq: 27 Sep 2019 15:31

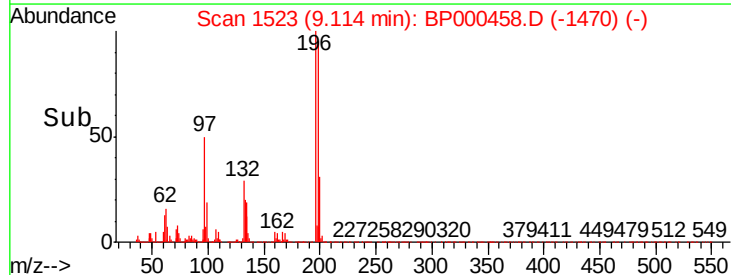
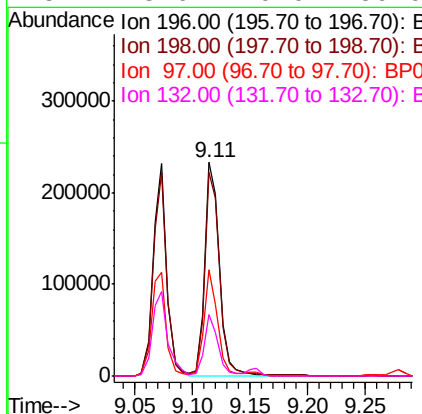
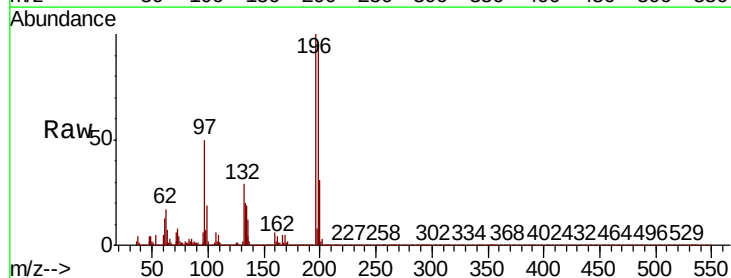
Instrument :
 BNA_P
 ClientSampleId :

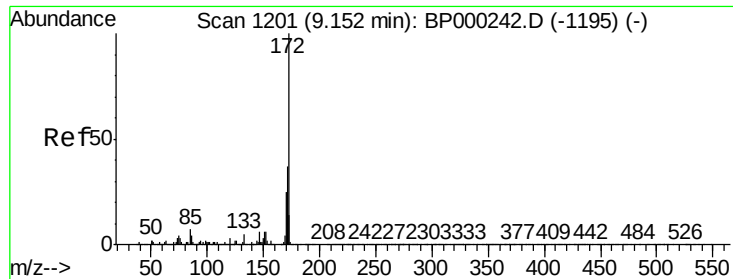
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.6	76.0	114.0
200	30.4	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 55.644 ng
 RT: 9.11 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BP000458.D
 Acq: 27 Sep 2019 15:31

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.2	78.1	117.1
97	50.0	33.3	49.9
132	28.6	20.0	30.0

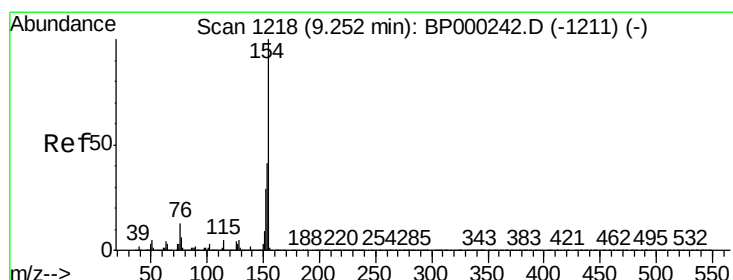
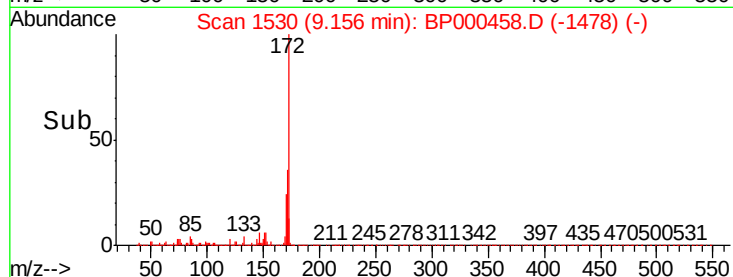
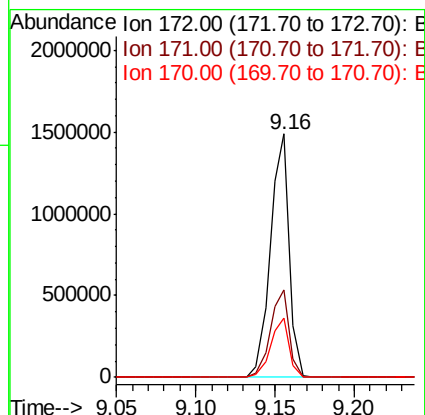
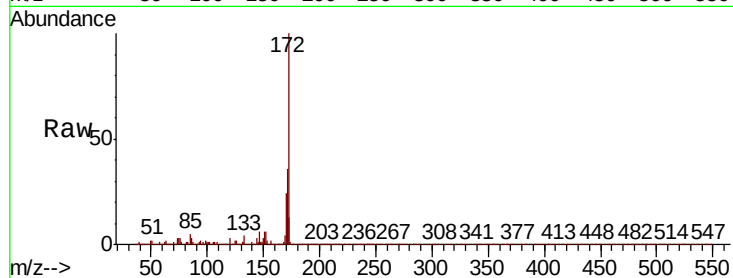




#45
2-Fluorobiphenyl
Concen: 120.559 ng
RT: 9.16 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BP000458.D
Acq: 27 Sep 2019 15:31

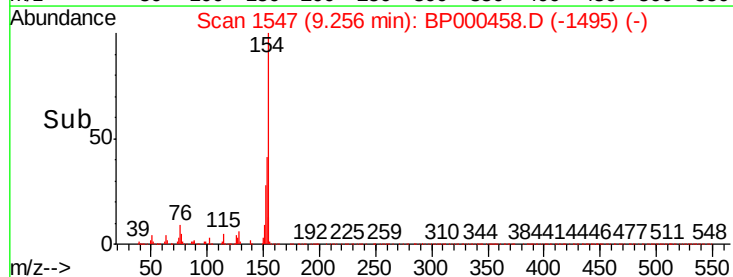
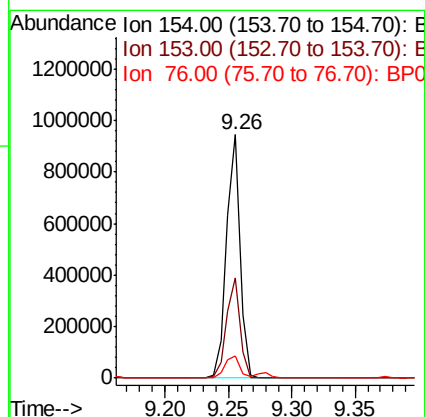
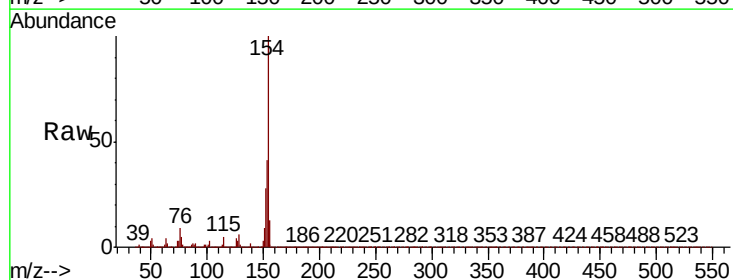
Instrument :
BNA_P
ClientSampleId :

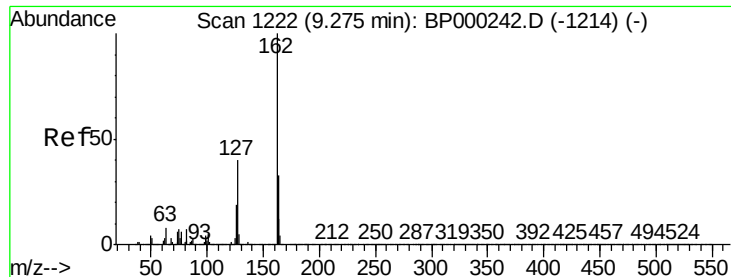
Tot Ion:172 Resp: 1242073
Ion Ratio Lower Upper
172 100
171 36.2 29.8 44.6
170 24.2 19.8 29.6



#46
1,1'-Biphenyl
Concen: 54.853 ng
RT: 9.26 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BP000458.D
Acq: 27 Sep 2019 15:31

Tgt Ion:154 Resp: 703627
Ion Ratio Lower Upper
154 100
153 41.4 21.4 61.4
76 9.1 0.0 33.4





#47

2-Chloronaphthalene

Concen: 50.981 ng

RT: 9.28 min Scan# 1551

Delta R.T. 0.00 min

Lab File: BP000458.D

Acq: 27 Sep 2019 15:31

Instrument :

BNA_P

ClientSampleId :

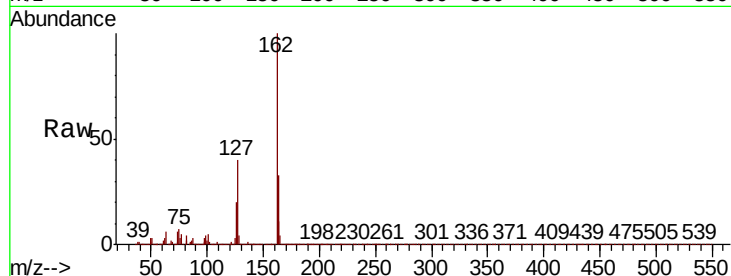
Tot Ion: 162 Resp: 548582

Ion Ratio Lower Upper

162 100

127 40.4 32.4 48.6

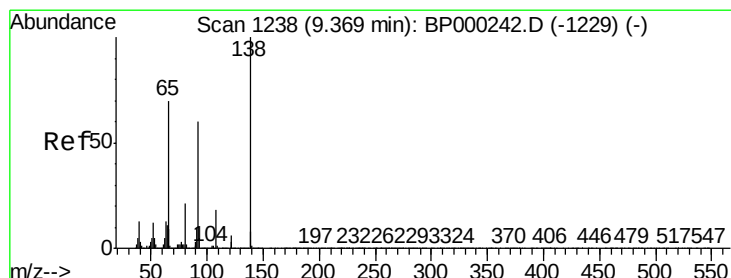
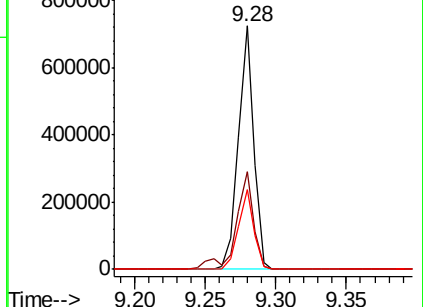
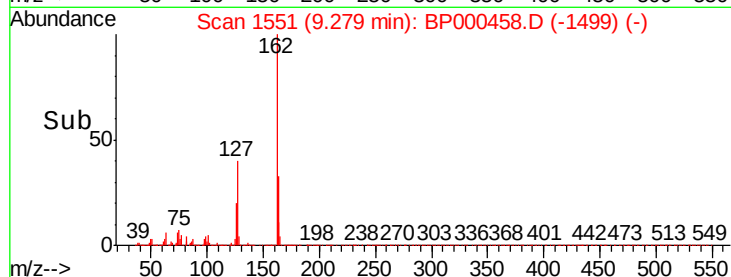
164 32.6 26.3 39.5



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: 43.065 ng

RT: 9.37 min Scan# 1567

Delta R.T. 0.00 min

Lab File: BP000458.D

Acq: 27 Sep 2019 15:31

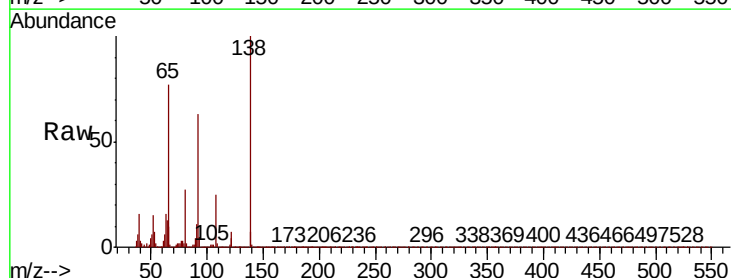
Tgt Ion: 65 Resp: 117680

Ion Ratio Lower Upper

65 100

92 81.1 68.7 103.1

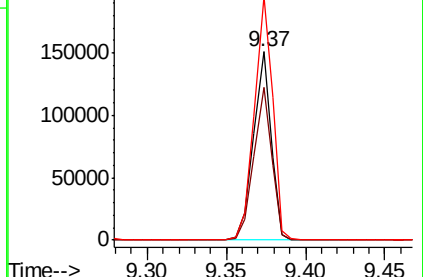
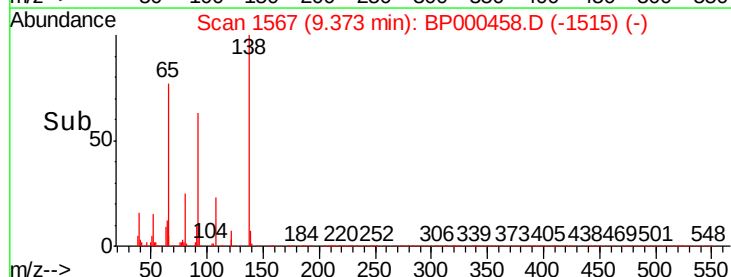
138 129.4 114.4 171.6

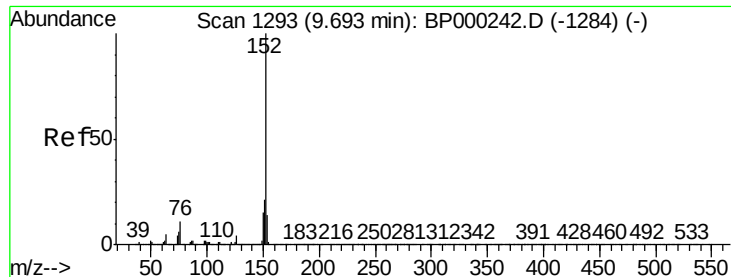


Abundance Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 52.246 ng

RT: 9.70 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BP000458.D

Acq: 27 Sep 2019 15:31

Instrument :

BNA_P

ClientSampleId :

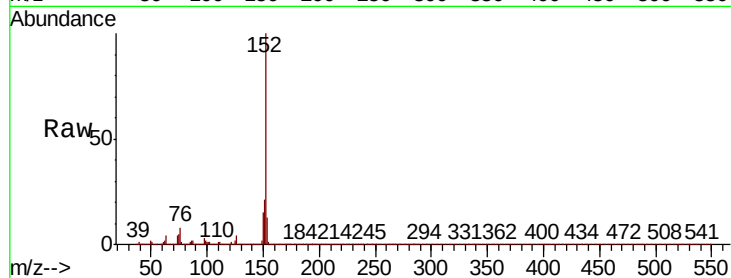
Tot Ion:152 Resp: 845081

Ion Ratio Lower Upper

152 100

151 20.7 16.4 24.6

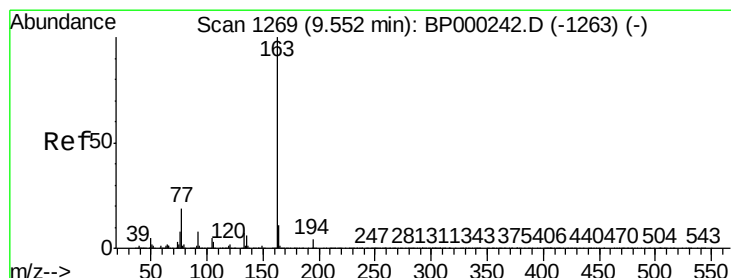
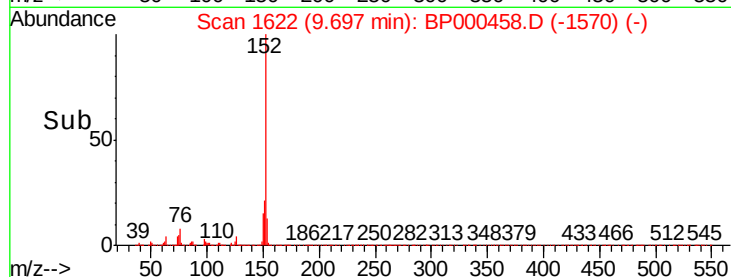
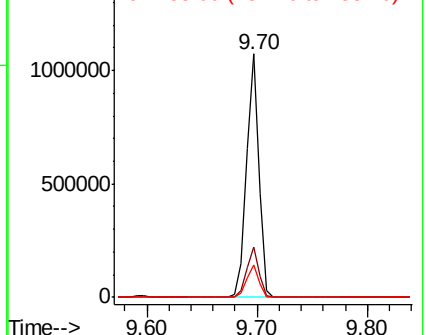
153 13.3 11.0 16.4



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: 64.920 ng

RT: 9.56 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BP000458.D

Acq: 27 Sep 2019 15:31

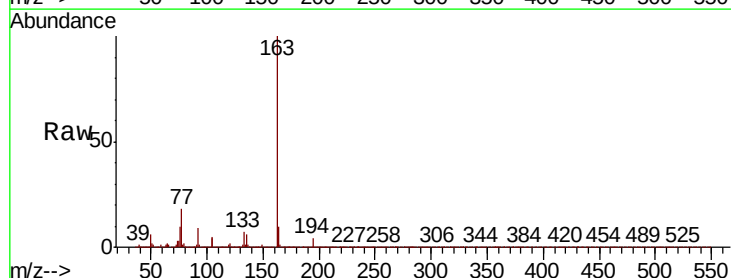
Tgt Ion:163 Resp: 820159

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

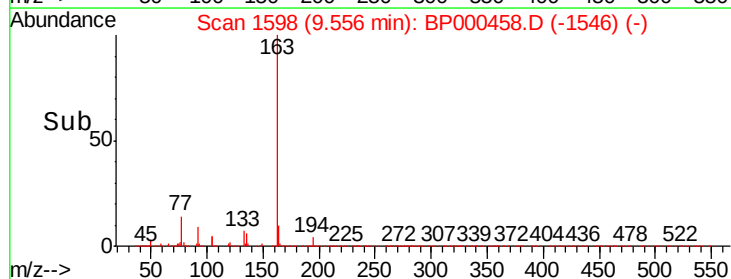
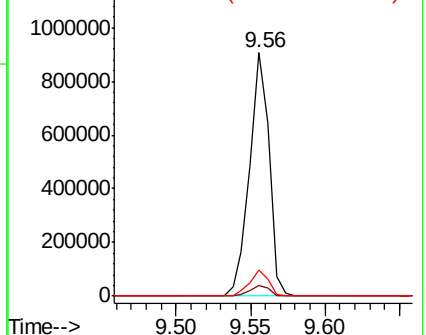
164 10.5 8.5 12.7

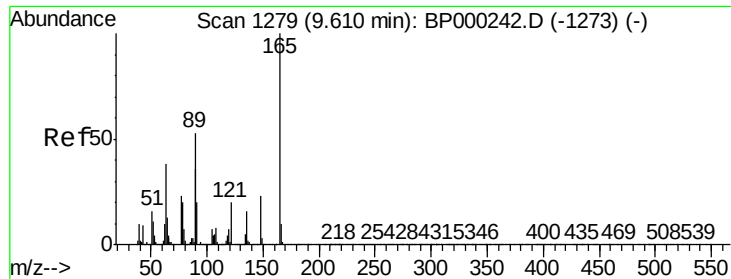


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

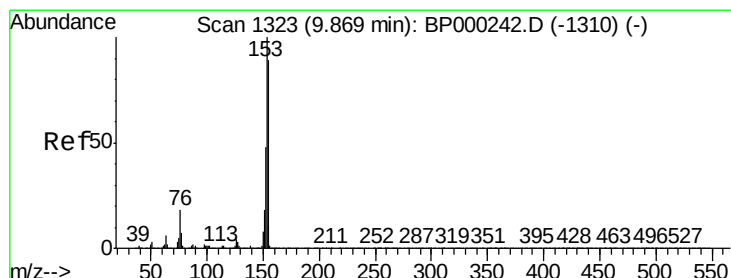
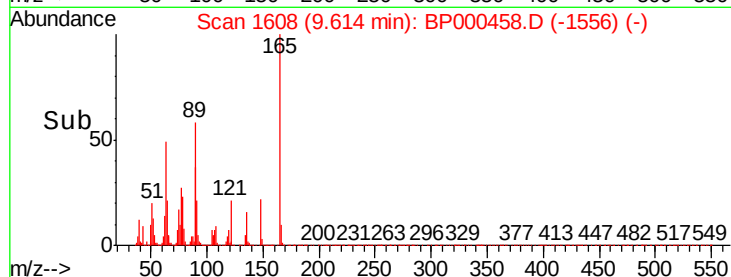
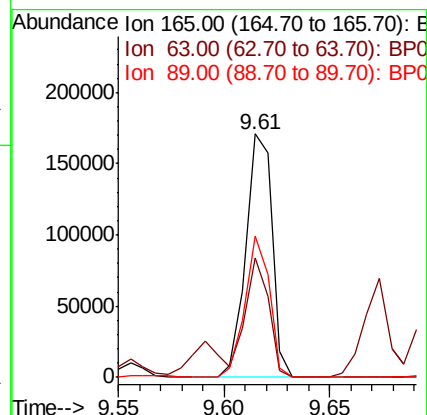
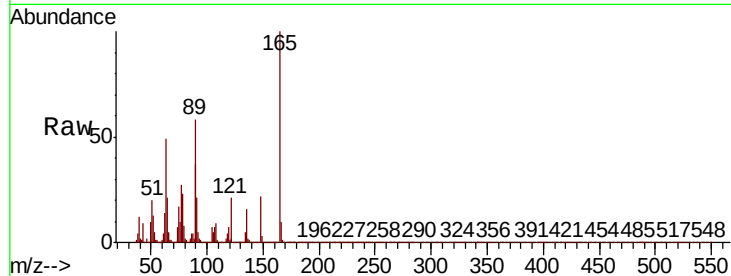




#51
2,6-Dinitrotoluene
Concen: 52.947 ng
RT: 9.61 min Scan# 1608
Delta R.T. 0.00 min
Lab File: BP000458.D
Acq: 27 Sep 2019 15:31

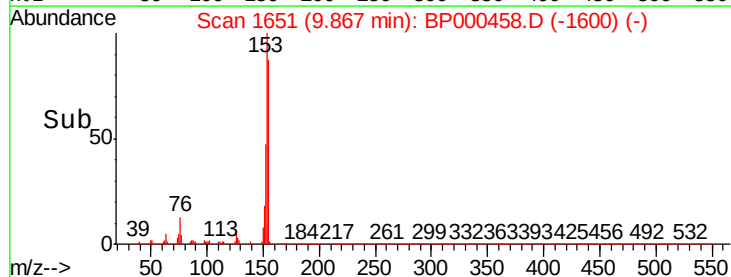
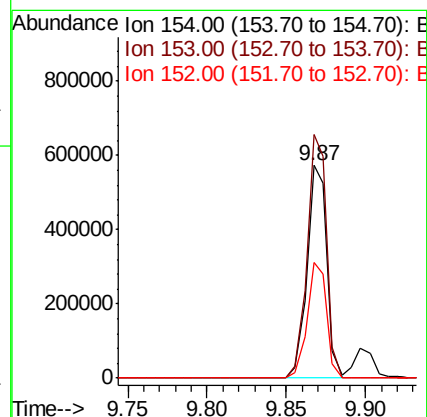
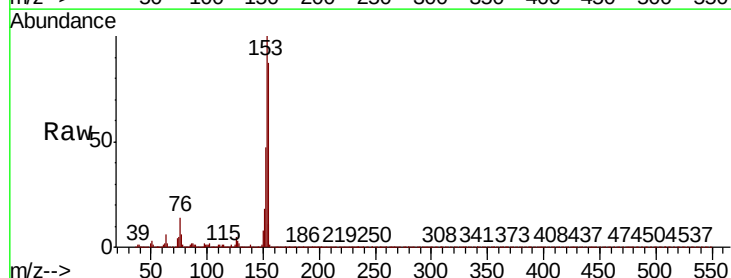
Instrument :
BNA_P
ClientSampled :

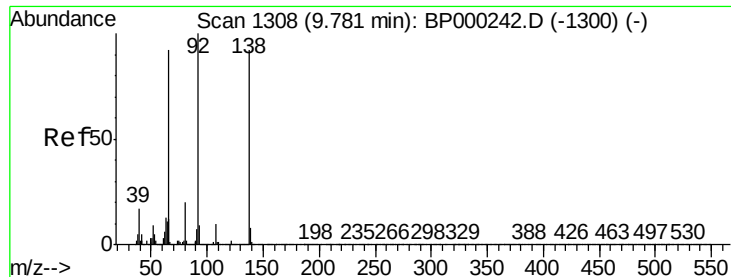
Tot Ion	Ratio	Lower	Upper
165	100		
63	48.8	35.8	53.8
89	57.8	42.6	63.8



#52
Acenaphthene
Concen: 48.948 ng
RT: 9.87 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BP000458.D
Acq: 27 Sep 2019 15:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.6	89.8	134.6
152	54.2	43.4	65.0

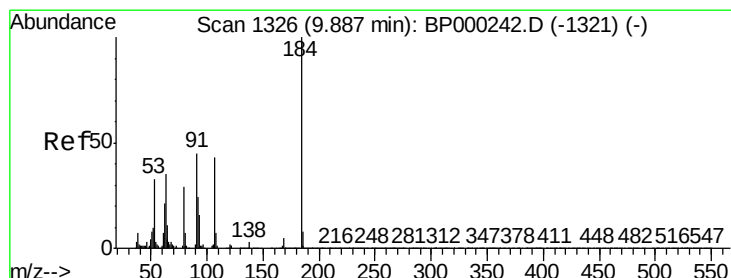
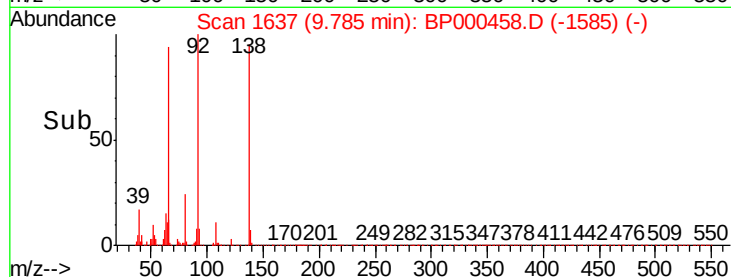
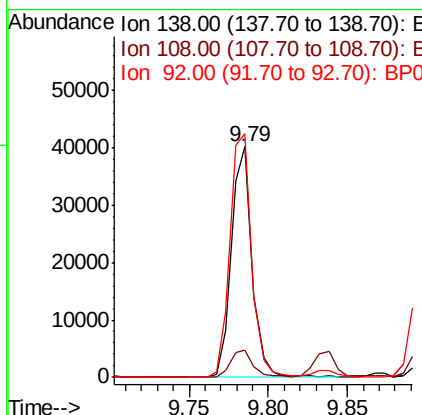
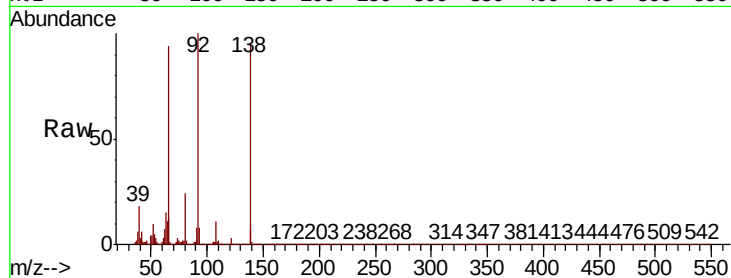




#53
3-Nitroaniline
Concen: 11.303 ng
RT: 9.79 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BP000458.D
Acq: 27 Sep 2019 15:31

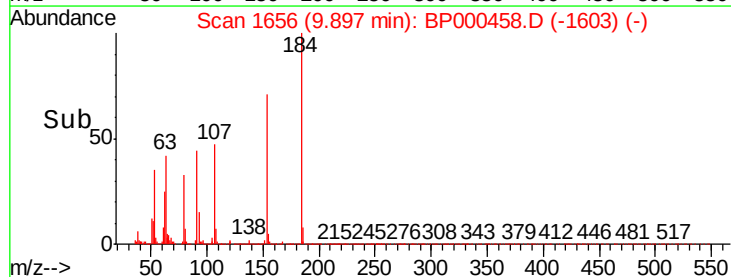
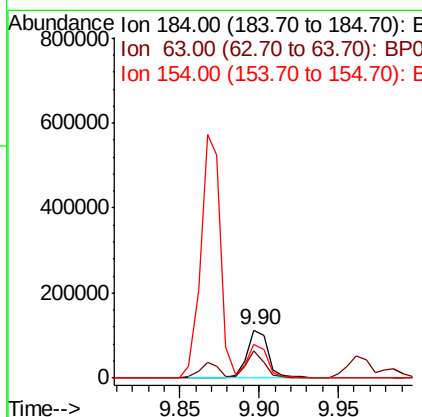
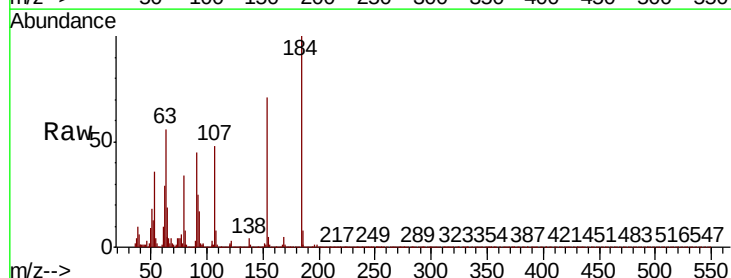
Instrument :
BNA_P
ClientSampleId :

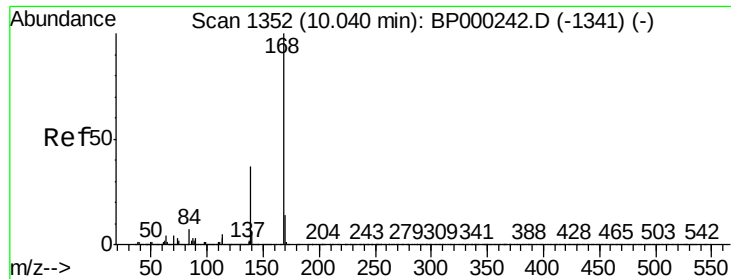
Tot Ion:138 Resp: 36444
Ion Ratio Lower Upper
138 100
108 12.1 9.1 13.7
92 105.7 86.7 130.1



#54
2,4-Dinitrophenol
Concen: 86.128 ng
RT: 9.90 min Scan# 1656
Delta R.T. 0.01 min
Lab File: BP000458.D
Acq: 27 Sep 2019 15:31

Tgt Ion:184 Resp: 105699
Ion Ratio Lower Upper
184 100
63 56.4 39.5 59.3
154 71.5 48.8 73.2

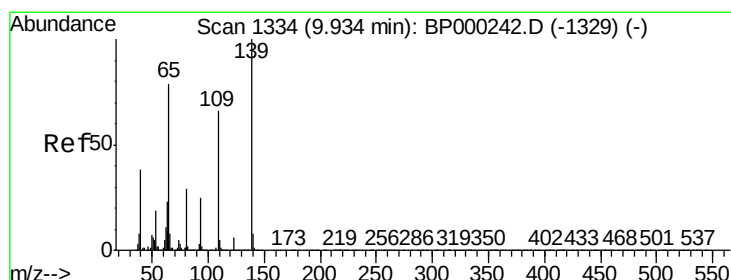
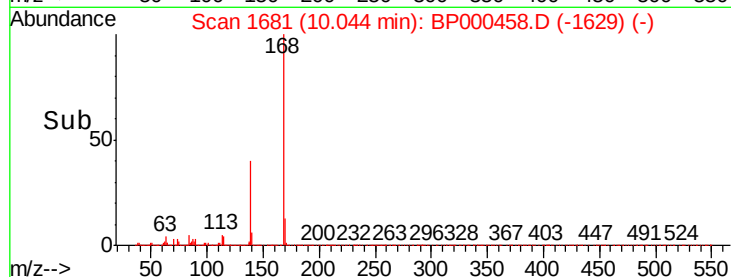
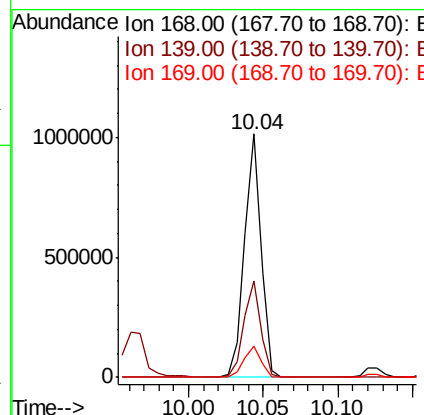
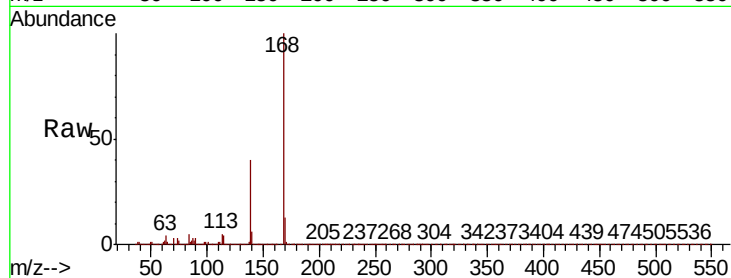




#55
Dibenzofuran
Concen: 54.735 ng
RT: 10.04 min Scan# 1681
Delta R.T. 0.00 min
Lab File: BP000458.D
Acq: 27 Sep 2019 15:31

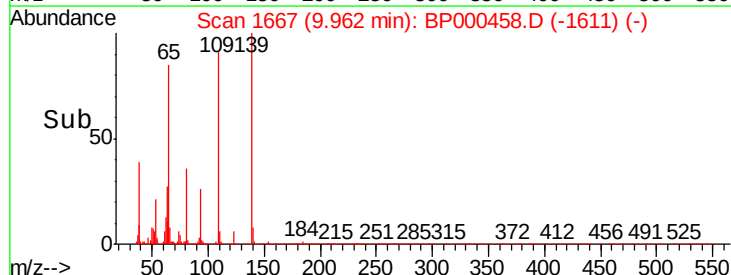
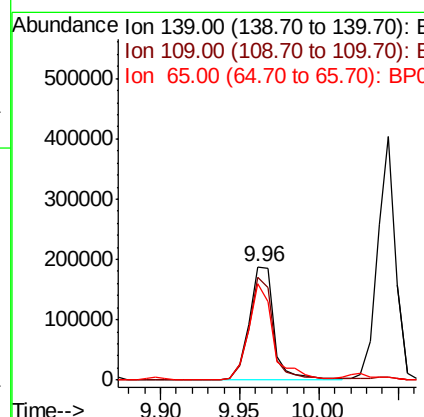
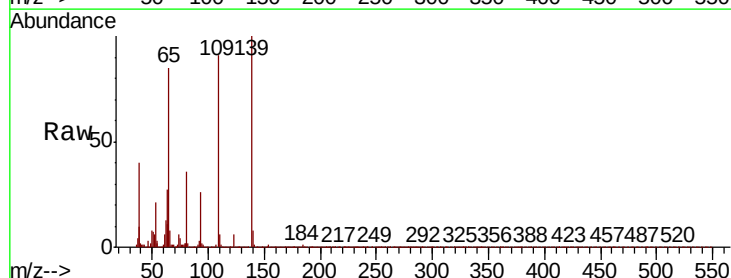
Instrument :
BNA_P
ClientSampleId :

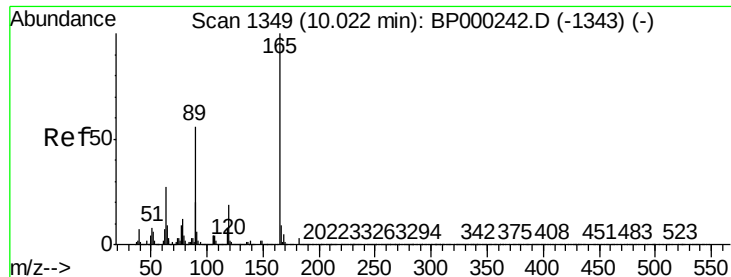
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.8	30.0	45.0
169	13.0	11.0	16.6



#56
4-Nitrophenol
Concen: 85.017 ng
RT: 9.96 min Scan# 1667
Delta R.T. 0.03 min
Lab File: BP000458.D
Acq: 27 Sep 2019 15:31

Tgt Ion	Ratio	Lower	Upper
139	100		
109	91.3	46.2	86.2
65	84.7	59.4	99.4

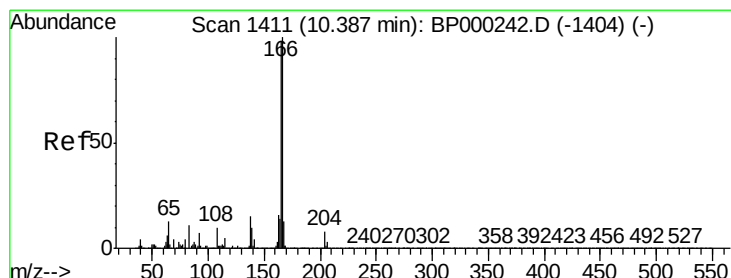
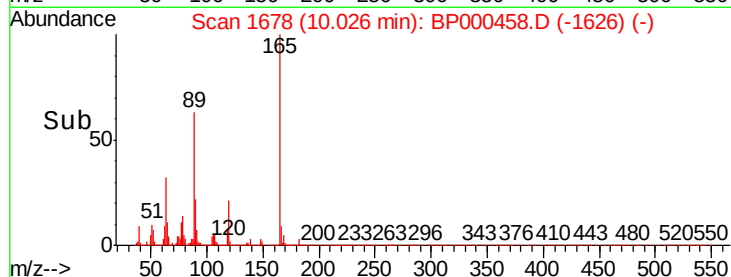
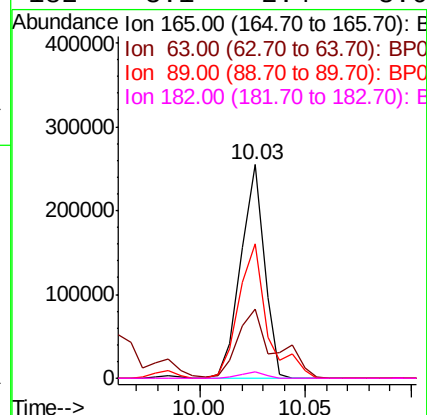
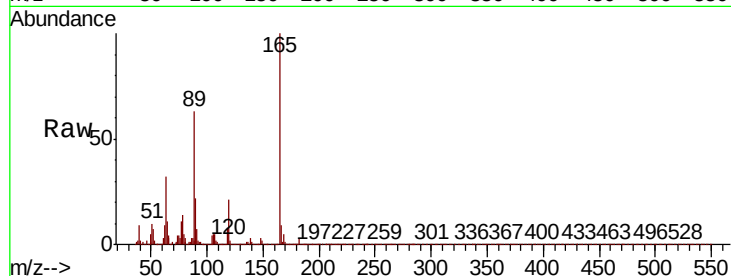




#57
2,4-Dinitrotoluene
Concen: 54.147 ng
RT: 10.03 min Scan# 1678
Delta R.T. 0.00 min
Lab File: BP000458.D
Acq: 27 Sep 2019 15:31

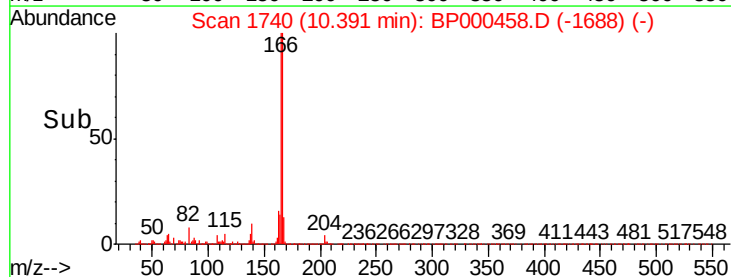
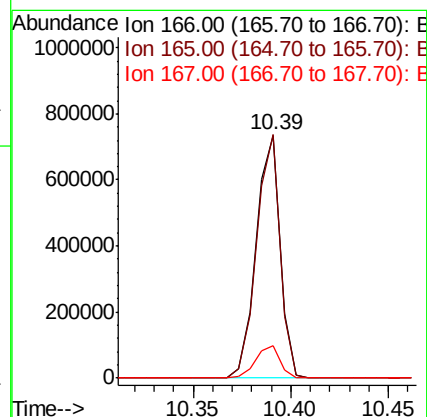
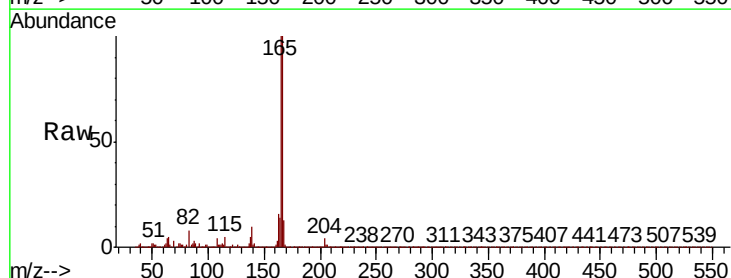
Instrument :
BNA_P
ClientSampleId :

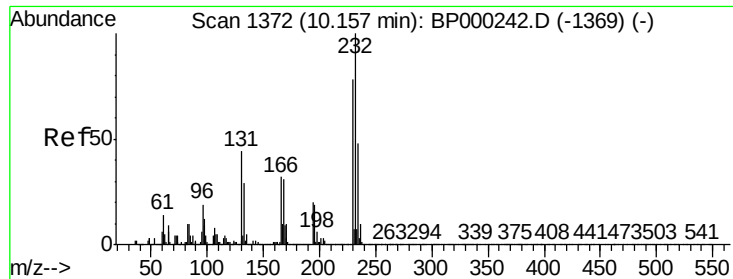
Tot Ion:165	Resp:	196630
Ion	Ratio	Lower Upper
165	100	
63	32.5	21.7 32.5
89	62.8	45.0 67.6
182	3.1	2.4 3.6



#58
Fluorene
Concen: 56.092 ng
RT: 10.39 min Scan# 1740
Delta R.T. 0.00 min
Lab File: BP000458.D
Acq: 27 Sep 2019 15:31

Tgt Ion:166	Resp:	625162
Ion	Ratio	Lower Upper
166	100	
165	100.3	78.2 117.2
167	13.3	10.7 16.1

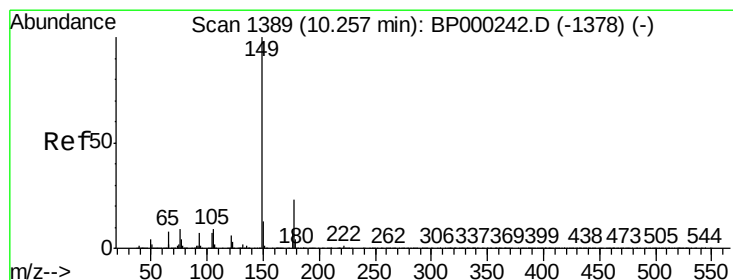
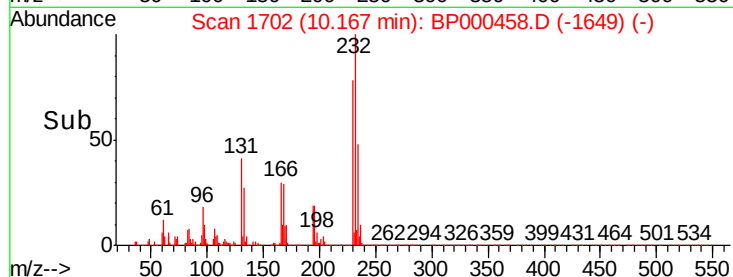
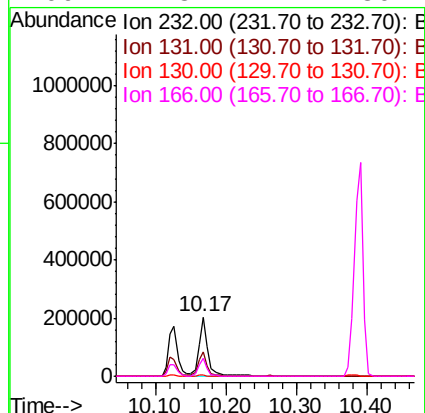
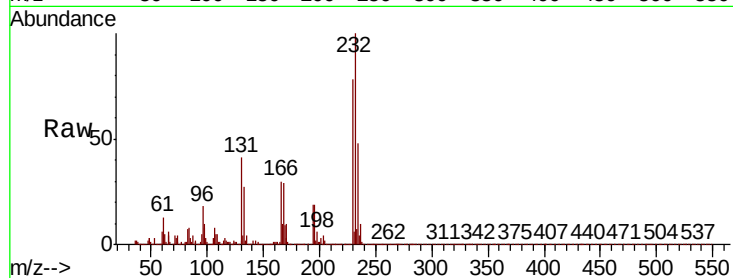




#59
2,3,4,6-Tetrachlorophenol
Concen: 59.244 ng
RT: 10.17 min Scan# 1702
Delta R.T. 0.01 min
Lab File: BP000458.D
Acq: 27 Sep 2019 15:31

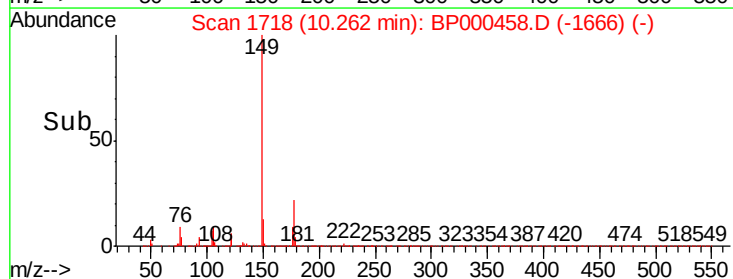
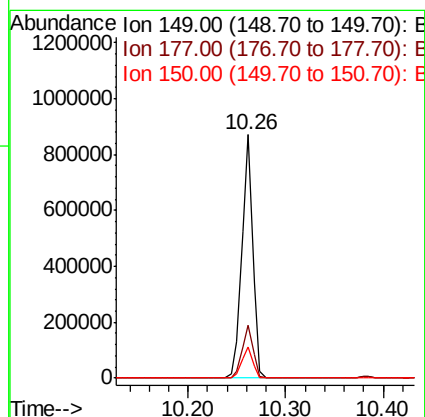
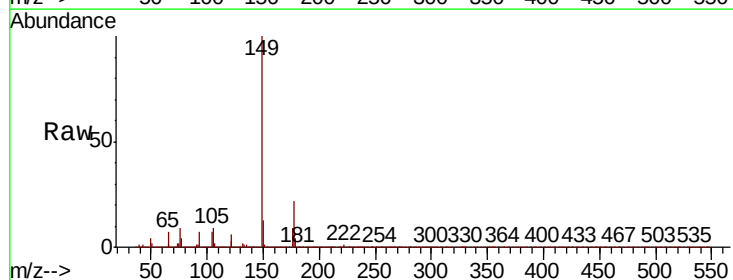
Instrument :
BNA_P
ClientSampled :

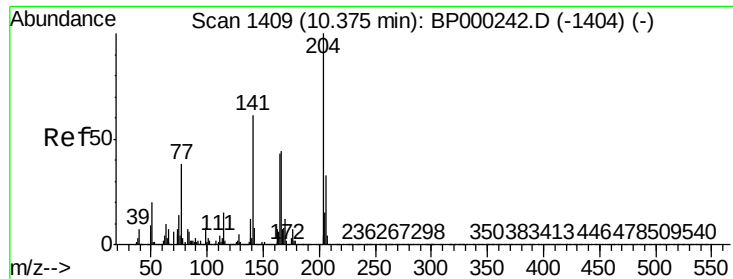
Tot Ion:	232	Resp:	183125
Ion	Ratio	Lower	Upper
232	100		
131	39.2	33.6	50.4
130	2.2	1.8	2.6
166	27.8	24.2	36.2



#60
Diethylphthalate
Concen: 55.557 ng
RT: 10.26 min Scan# 1718
Delta R.T. 0.00 min
Lab File: BP000458.D
Acq: 27 Sep 2019 15:31

Tgt Ion:	149	Resp:	675181
Ion	Ratio	Lower	Upper
149	100		
177	22.0	18.1	27.1
150	12.5	10.3	15.5

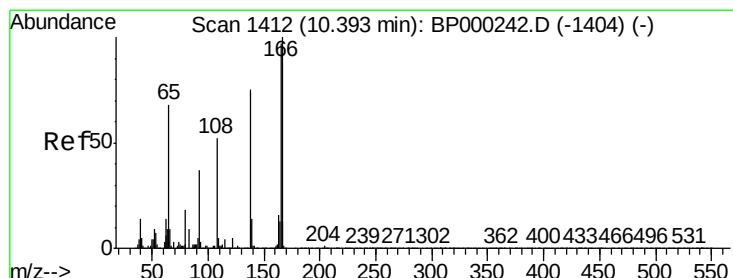
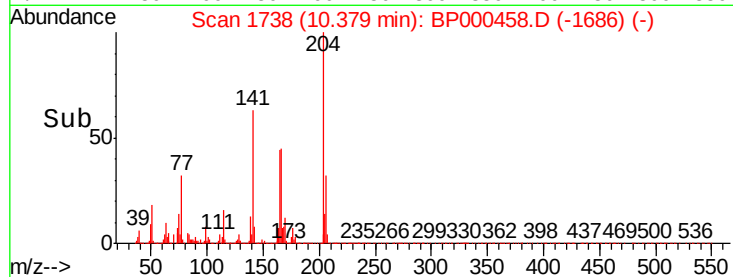
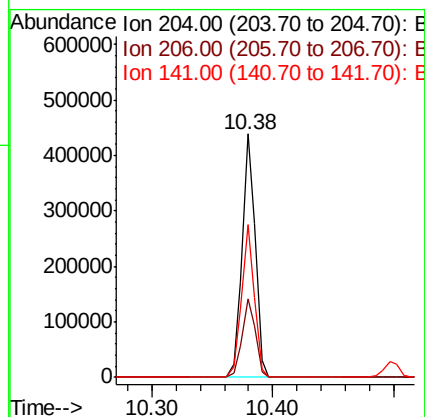
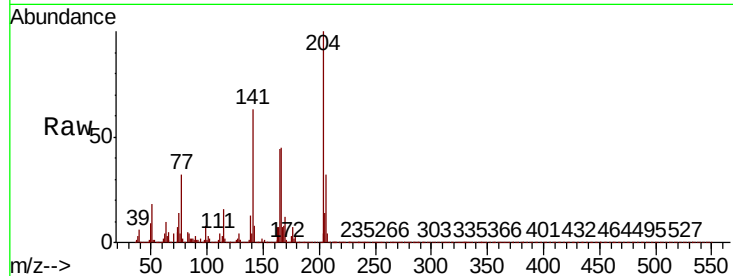




#61
4-Chlorophenyl-phenylether
Concen: 58.417 ng
RT: 10.38 min Scan# 1738
Delta R.T. 0.00 min
Lab File: BP000458.D
Acq: 27 Sep 2019 15:31

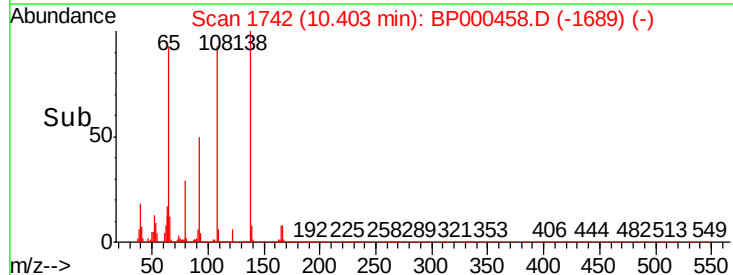
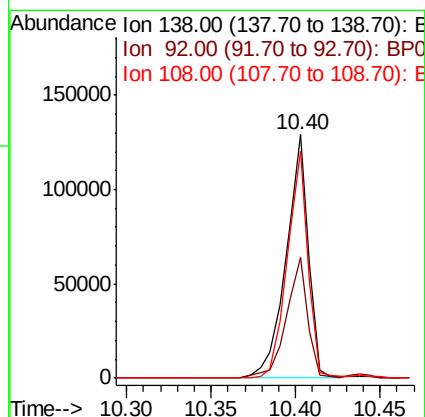
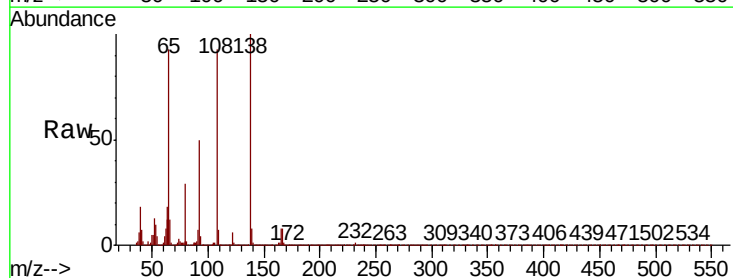
Instrument :
BNA_P
ClientSampled :

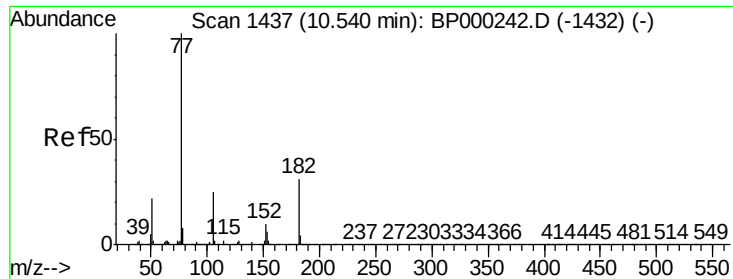
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.3	39.5
141	62.9	48.6	72.8



#62
4-Nitroaniline
Concen: 37.438 ng
RT: 10.40 min Scan# 1742
Delta R.T. 0.01 min
Lab File: BP000458.D
Acq: 27 Sep 2019 15:31

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.7	30.1	70.1
108	93.0	49.5	89.5

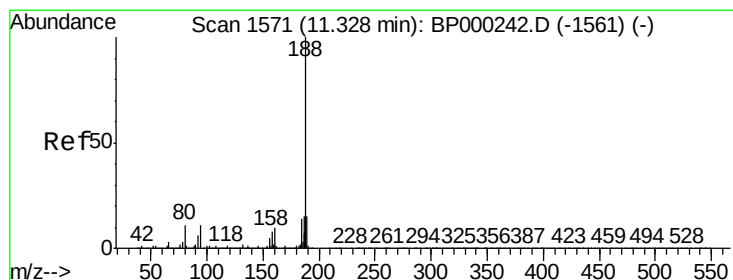
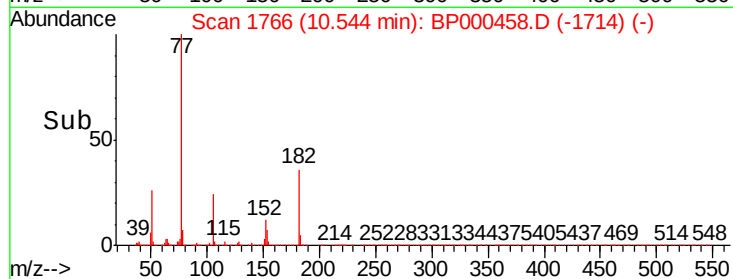
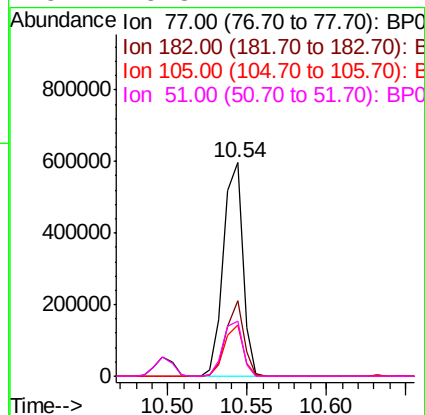
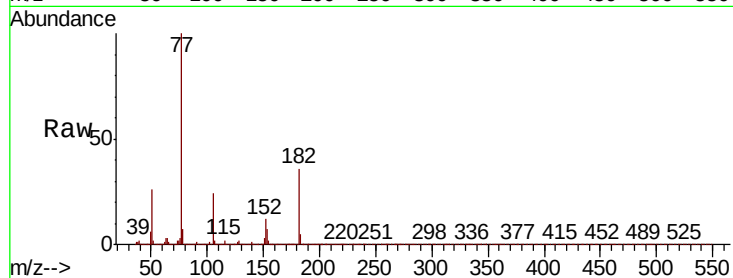




#63
Azobenzene
Concen: 49.184 ng
RT: 10.54 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BP000458.D
Acq: 27 Sep 2019 15:31

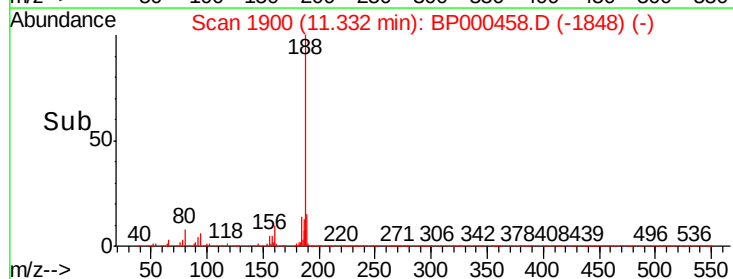
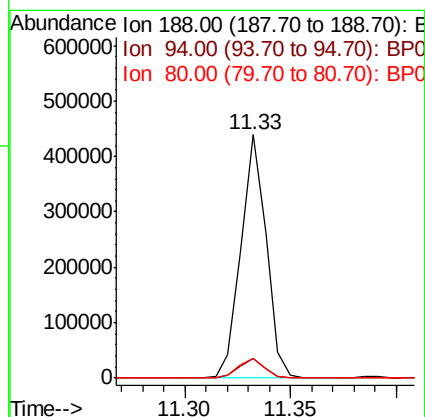
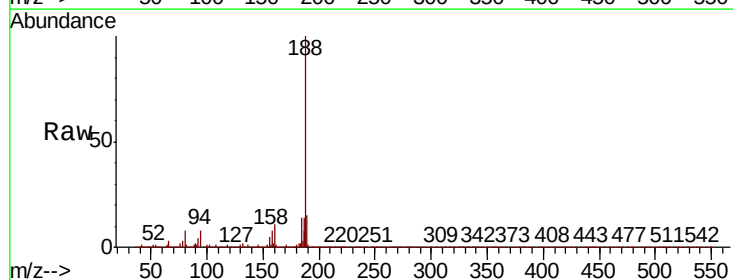
Instrument :
BNA_P
ClientSampleId :

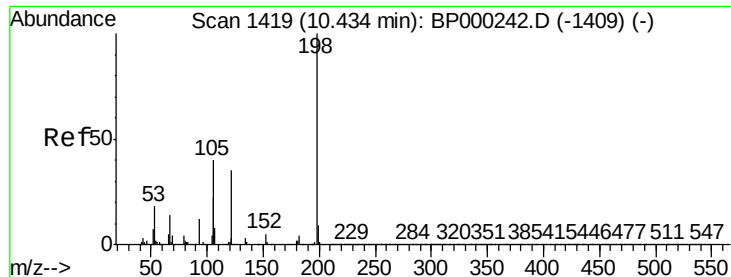
Tot Ion	Ratio	Lower	Upper
77	100		
182	35.6	11.1	51.1
105	24.1	4.7	44.7
51	25.8	2.2	42.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1900
Delta R.T. 0.00 min
Lab File: BP000458.D
Acq: 27 Sep 2019 15:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.5	12.7#
80	8.2	8.6	13.0#





#65

4,6-Dinitro-2-methylphenol

Concen: 47.804 ng

RT: 10.44 min Scan# 1748

Delta R.T. 0.00 min

Lab File: BP000458.D

Acq: 27 Sep 2019 15:31

Instrument :

BNA_P

ClientSampleId :

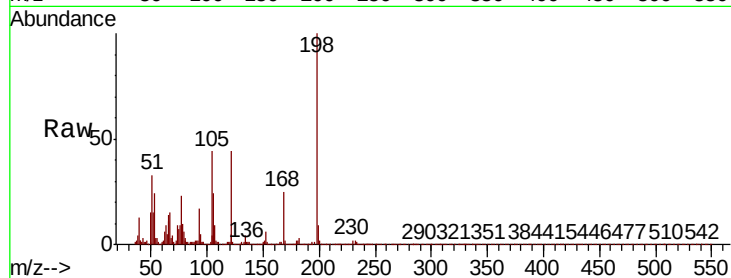
Tot Ion:198 Resp: 81440

Ion Ratio Lower Upper

198 100

51 33.3 7.4 47.4

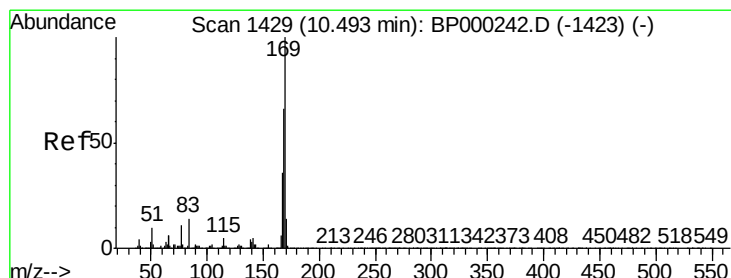
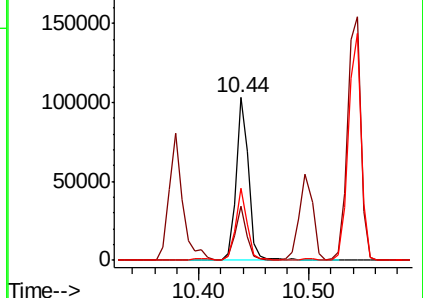
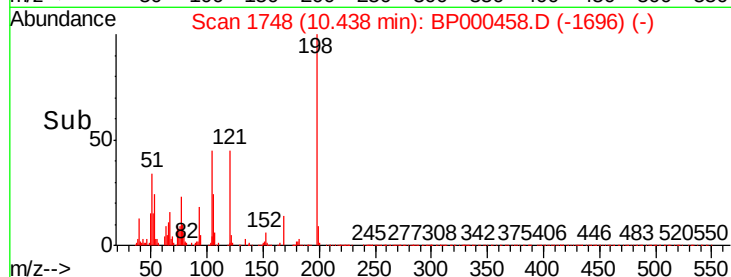
105 44.1 20.2 60.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.369 ng

RT: 10.50 min Scan# 1758

Delta R.T. 0.00 min

Lab File: BP000458.D

Acq: 27 Sep 2019 15:31

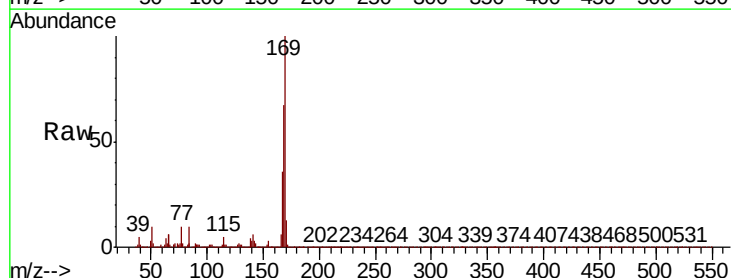
Tgt Ion:169 Resp: 462119

Ion Ratio Lower Upper

169 100

168 66.6 52.9 79.3

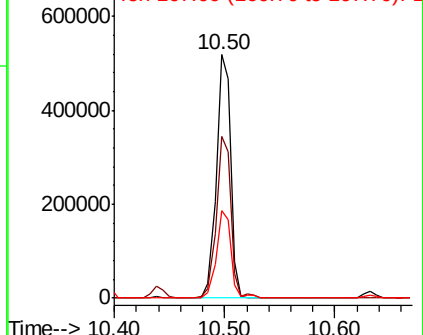
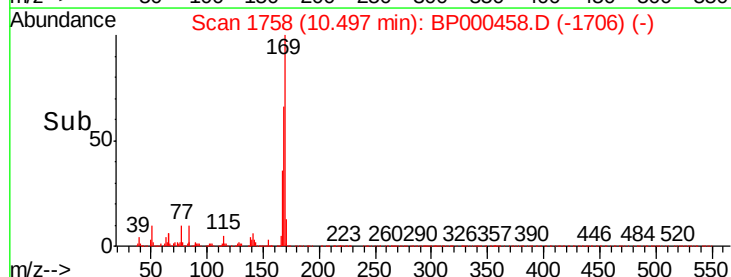
167 36.0 29.0 43.6

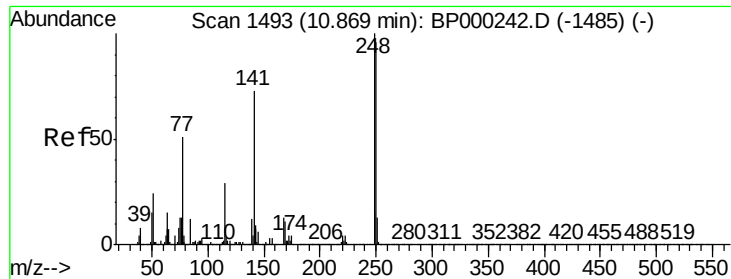


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

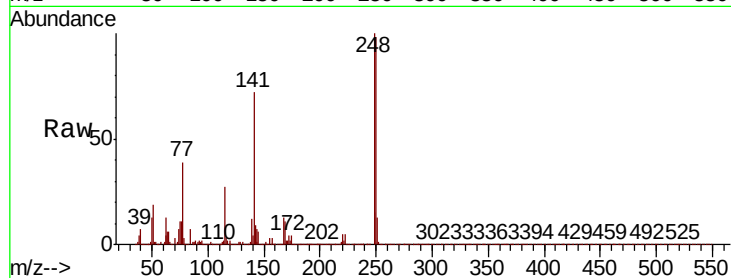




#67
4-Bromophenyl-phenylether
Concen: 54.117 ng
RT: 10.87 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BP000458.D
Acq: 27 Sep 2019 15:31

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	77.0	115.4
141	71.8	58.5	87.7

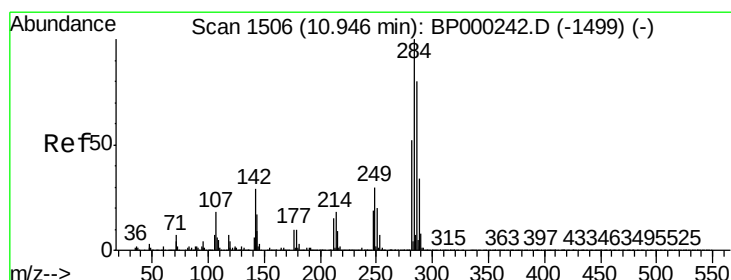
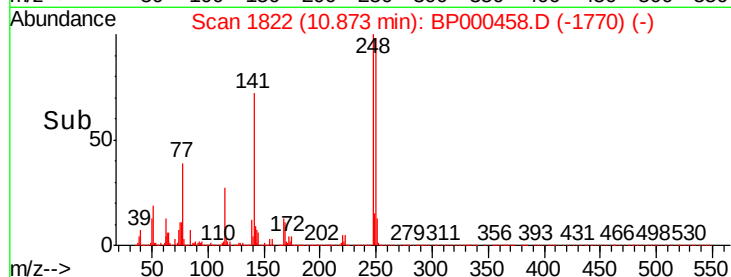
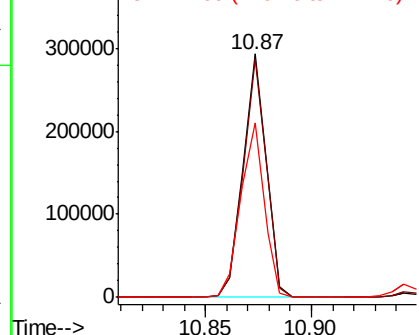


Abundance

Ion 248.00 (247.70 to 248.70): E

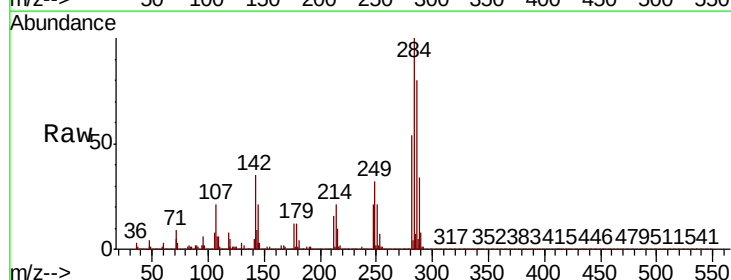
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 56.283 ng
RT: 10.94 min Scan# 1834
Delta R.T. -0.00 min
Lab File: BP000458.D
Acq: 27 Sep 2019 15:31

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.7	23.6	35.4
249	32.3	24.3	36.5

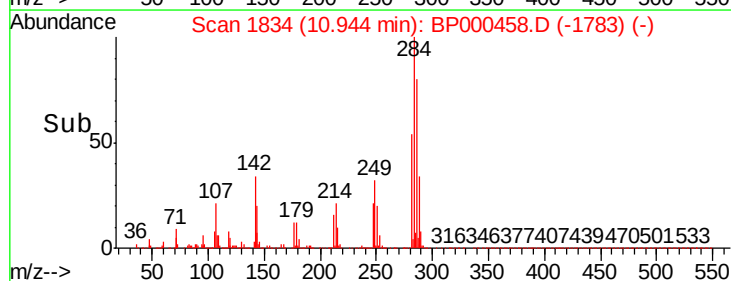
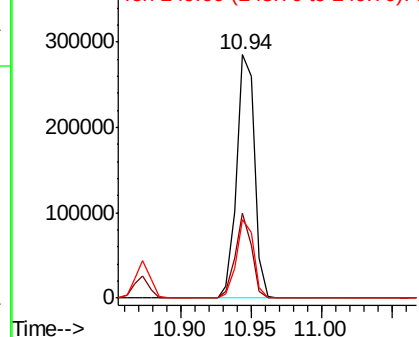


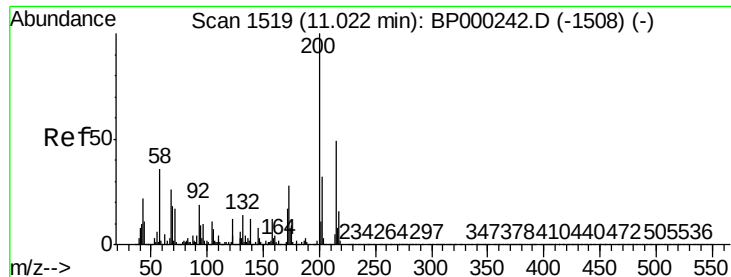
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

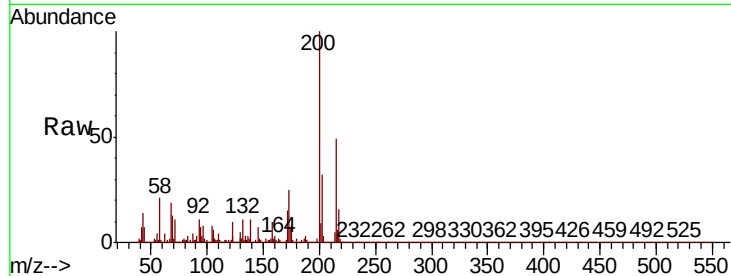




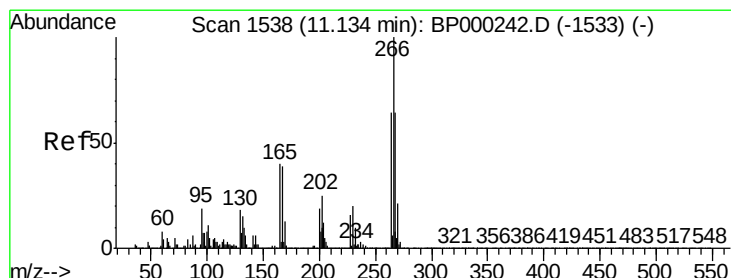
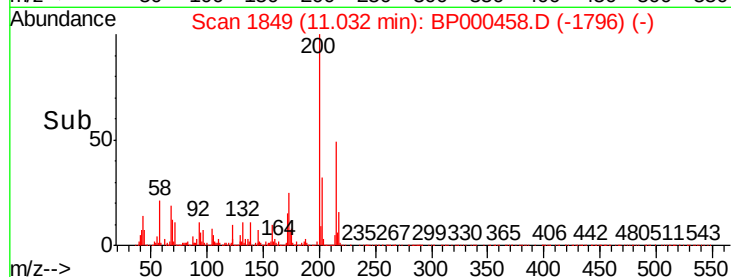
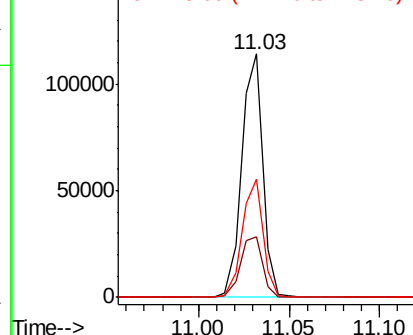
#69
 Atrazine
 Concen: 27.777 ng
 RT: 11.03 min Scan# 1849
 Delta R.T. 0.01 min
 Lab File: BP000458.D
 Acq: 27 Sep 2019 15:31

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:200 Resp: 92477
 Ion Ratio Lower Upper
 200 100
 173 25.0 7.6 47.6
 215 48.7 28.6 68.6

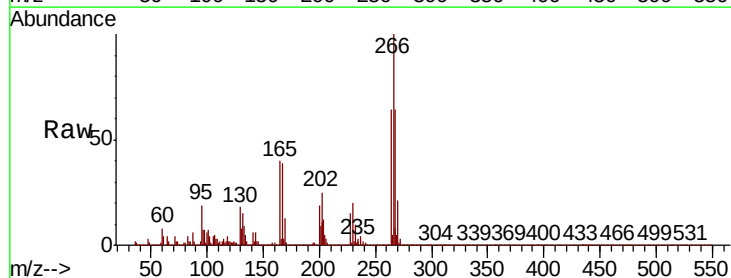


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

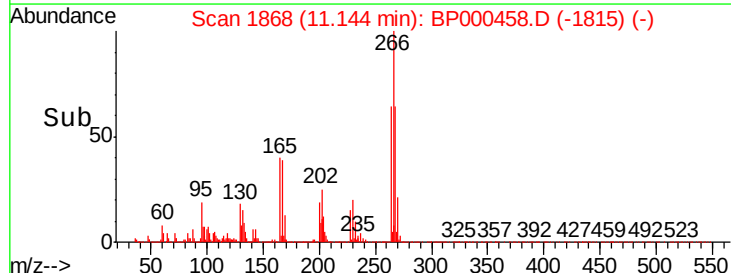
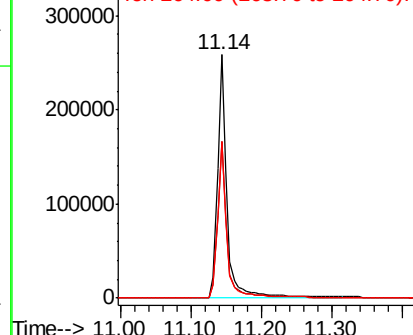


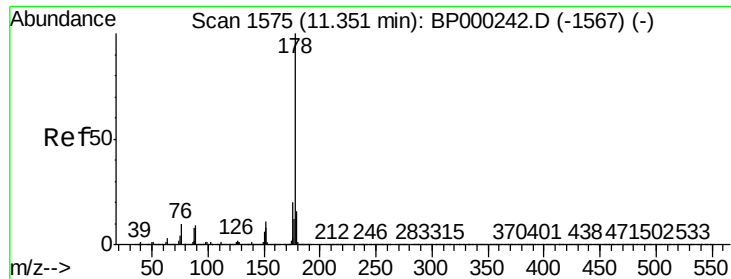
#70
 Pentachlorophenol
 Concen: 100.882 ng
 RT: 11.14 min Scan# 1868
 Delta R.T. 0.01 min
 Lab File: BP000458.D
 Acq: 27 Sep 2019 15:31

Tgt Ion:266 Resp: 246101
 Ion Ratio Lower Upper
 266 100
 268 64.3 51.6 77.4
 264 64.2 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

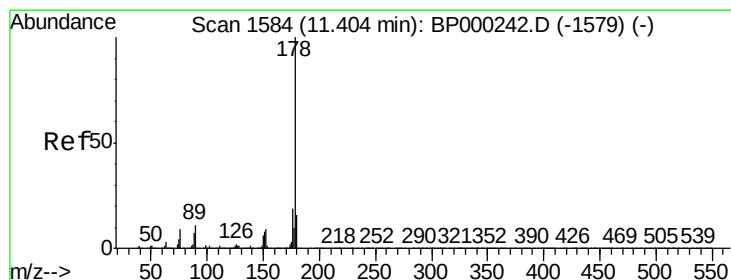
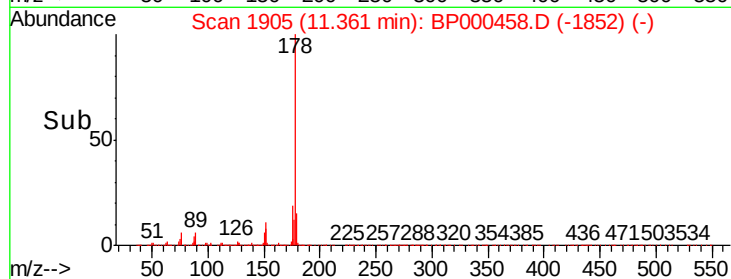
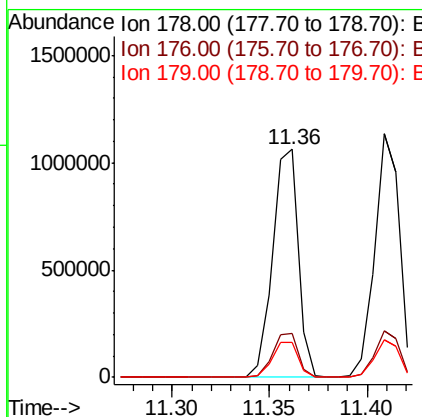
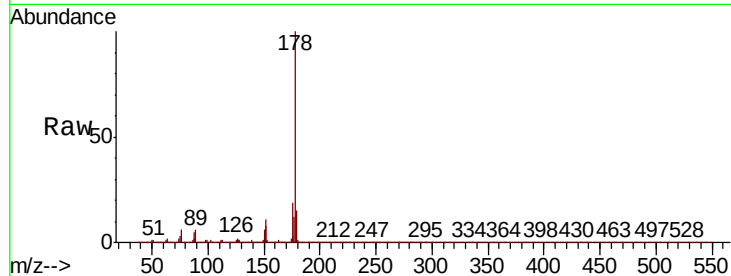




#71
Phenanthrene
Concen: 53.415 ng
RT: 11.36 min Scan# 1905
Delta R.T. 0.01 min
Lab File: BP000458.D
Acq: 27 Sep 2019 15:31

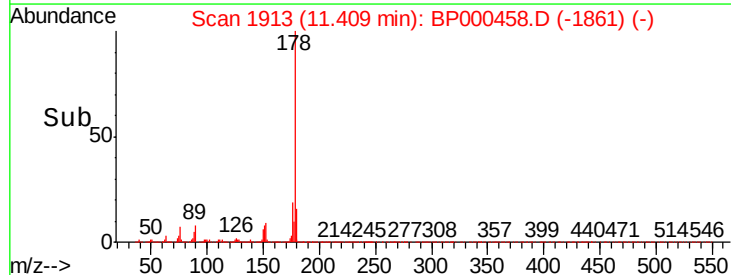
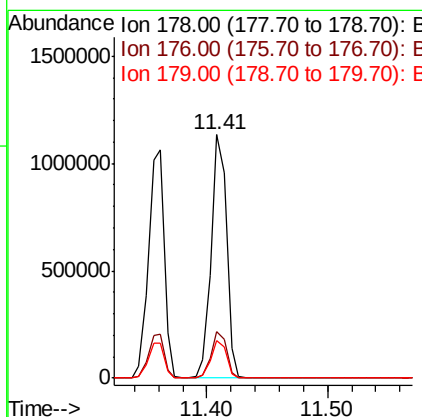
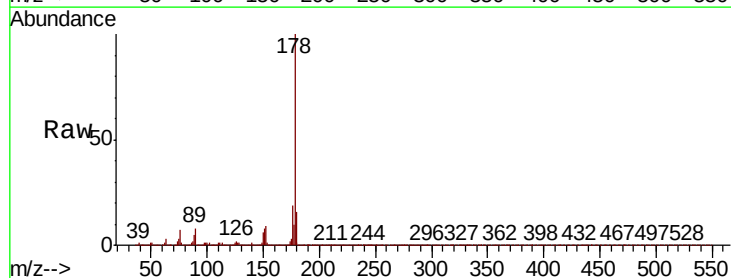
Instrument :
BNA_P
ClientSampleId :

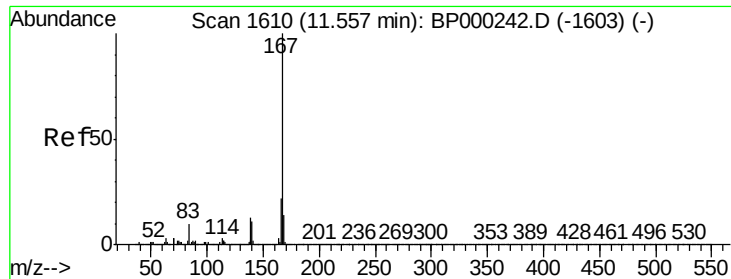
Tot Ion:178 Resp: 969830
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.8
179 15.2 12.7 19.1



#72
Anthracene
Concen: 53.245 ng
RT: 11.41 min Scan# 1913
Delta R.T. 0.00 min
Lab File: BP000458.D
Acq: 27 Sep 2019 15:31

Tgt Ion:178 Resp: 995080
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.6 12.7 19.1

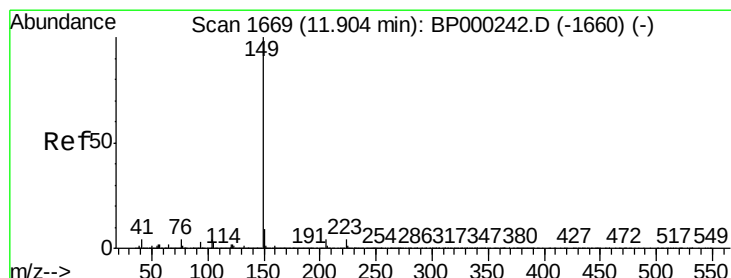
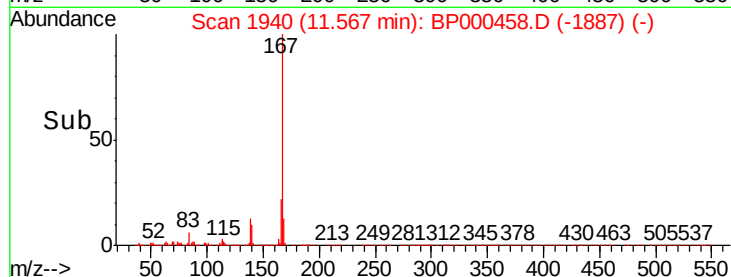
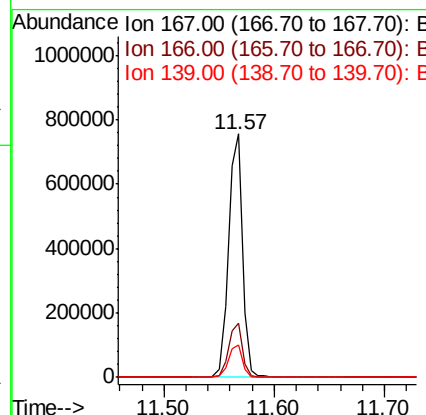
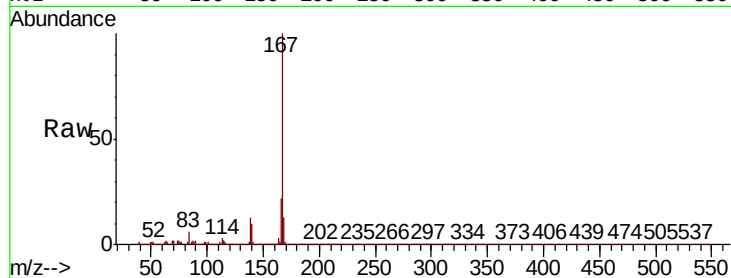




#73
 Carbazole
 Concen: 39.857 ng
 RT: 11.57 min Scan# 1940
 Delta R.T. 0.01 min
 Lab File: BP000458.D
 Acq: 27 Sep 2019 15:31

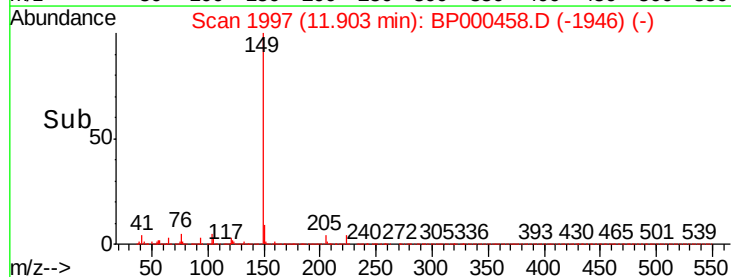
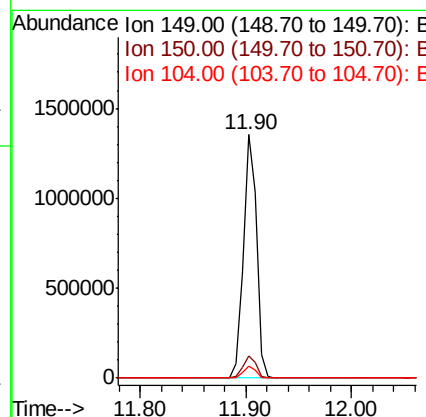
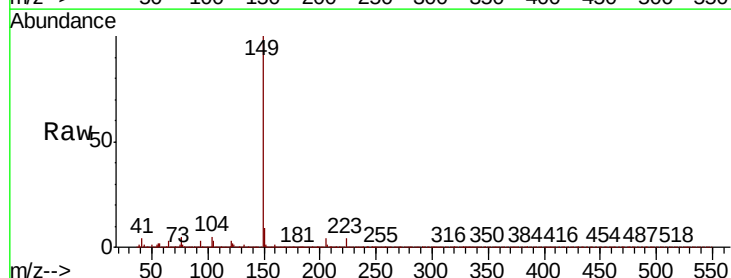
Instrument :
 BNA_P
 ClientSampled :

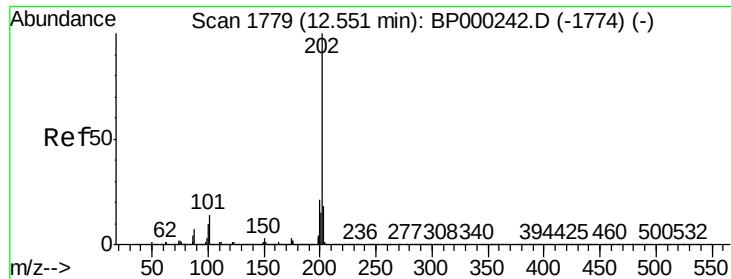
Tot Ion:167 Resp: 670828
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.8
 139 13.1 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 53.042 ng
 RT: 11.90 min Scan# 1997
 Delta R.T. -0.00 min
 Lab File: BP000458.D
 Acq: 27 Sep 2019 15:31

Tgt Ion:149 Resp: 1129991
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 5.1 3.5 5.3

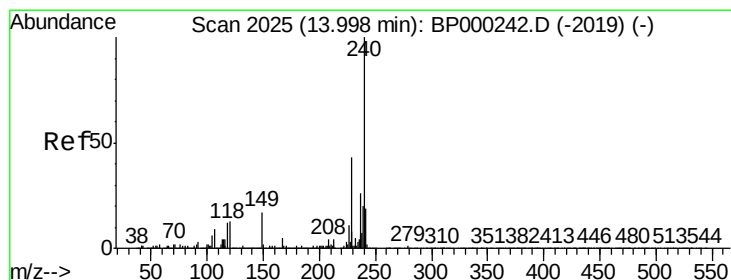
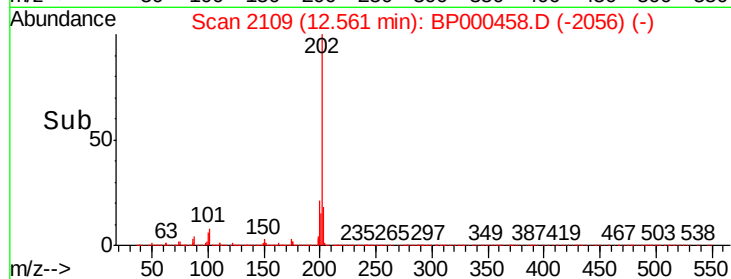
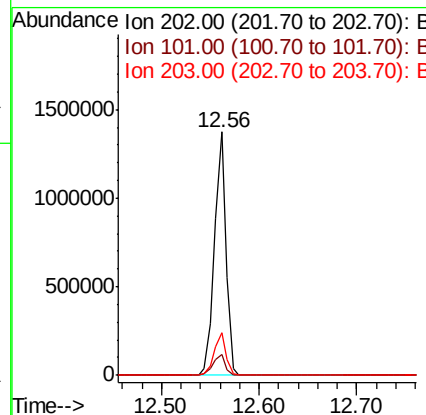
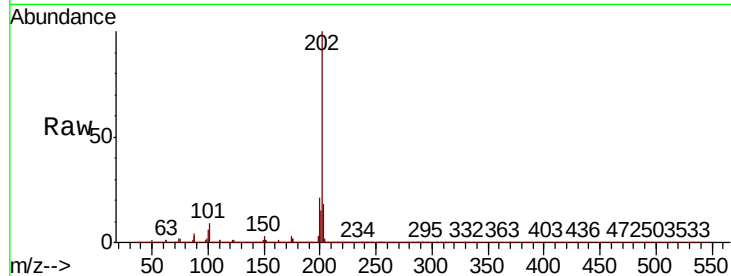




#75
 Fluoranthene
 Concen: 57.797 ng
 RT: 12.56 min Scan# 2109
 Delta R.T. 0.01 min
 Lab File: BP000458.D
 Acq: 27 Sep 2019 15:31

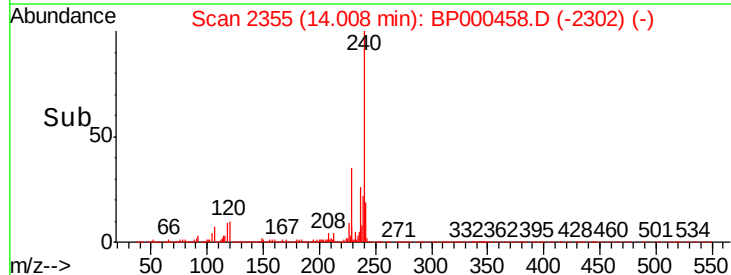
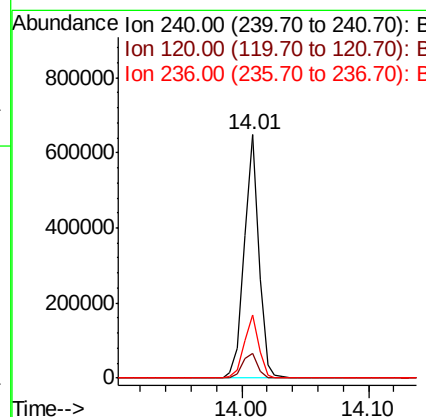
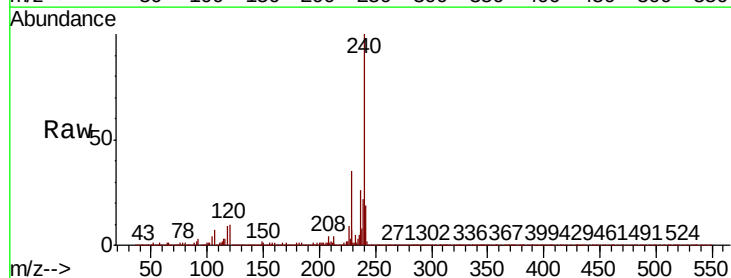
Instrument :
 BNA_P
 ClientSampleId :

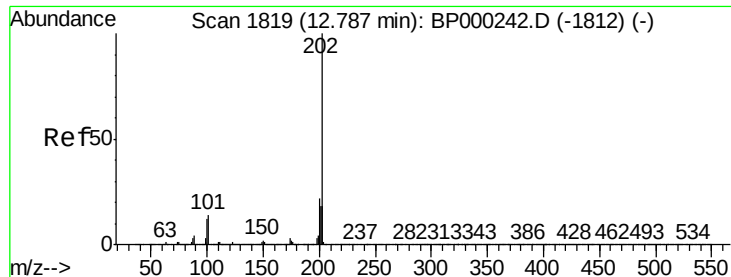
Tot Ion:202 Resp: 1126819
 Ion Ratio Lower Upper
 202 100
 101 8.5 0.0 33.9
 203 17.5 0.0 38.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2355
 Delta R.T. 0.01 min
 Lab File: BP000458.D
 Acq: 27 Sep 2019 15:31

Tgt Ion:240 Resp: 506119
 Ion Ratio Lower Upper
 240 100
 120 10.2 10.4 15.6#
 236 26.0 21.0 31.6



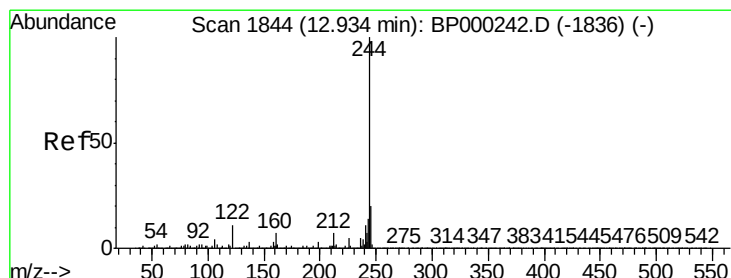
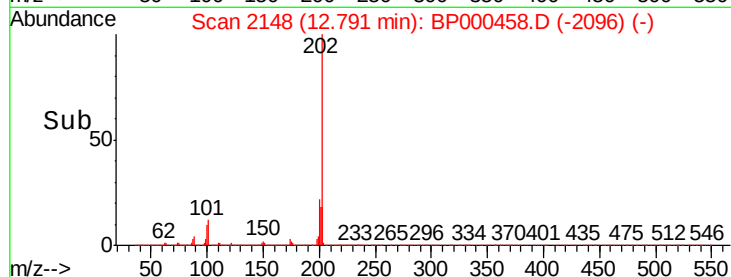
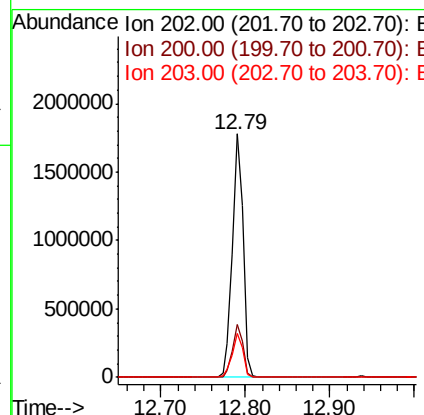
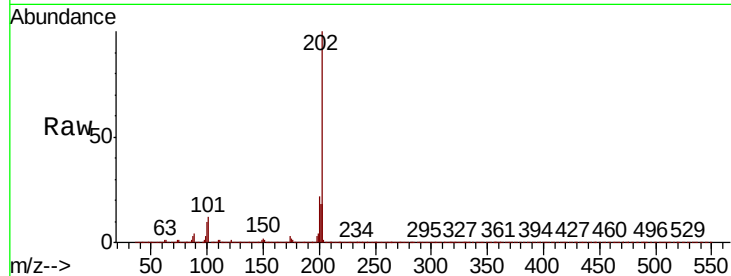


#78
 Pvrene
 Concen: 40.899 ng
 RT: 12.79 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: BP000458.D
 Acq: 27 Sep 2019 15:31

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:202 Resp: 1548694

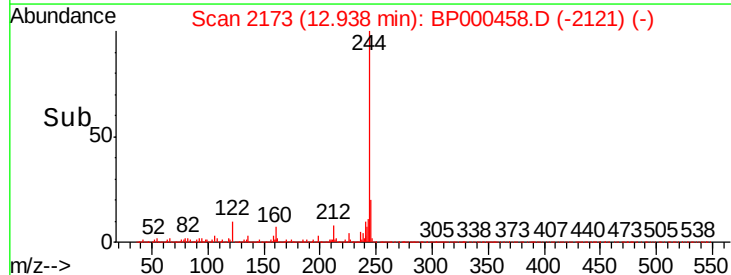
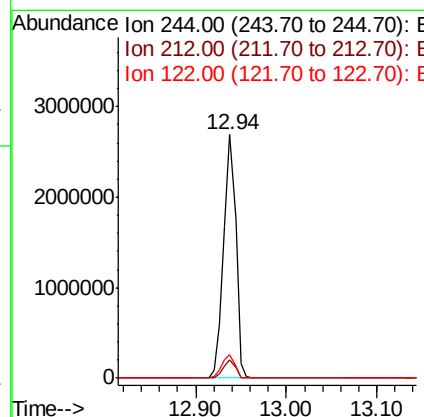
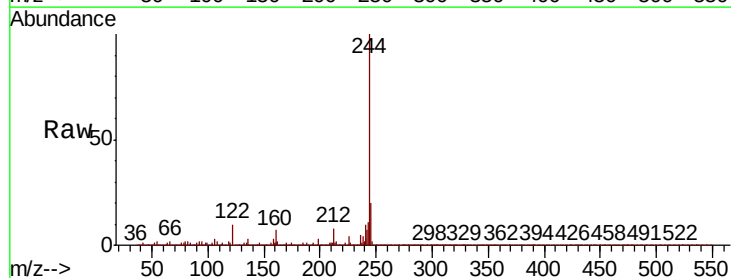
Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.5	26.3
203	17.9	14.3	21.5

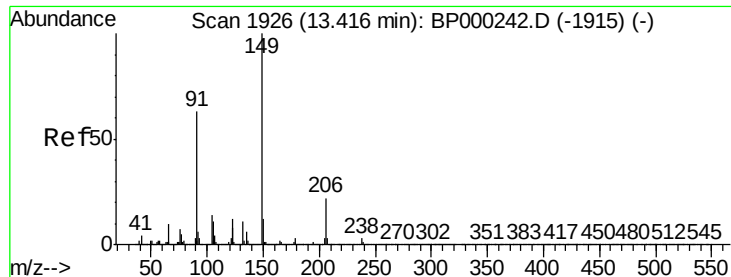


#79
 Terphenyl-d14
 Concen: 102.509 ng
 RT: 12.94 min Scan# 2173
 Delta R.T. 0.00 min
 Lab File: BP000458.D
 Acq: 27 Sep 2019 15:31

Tgt Ion:244 Resp: 2473088

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	9.7	9.0	13.4

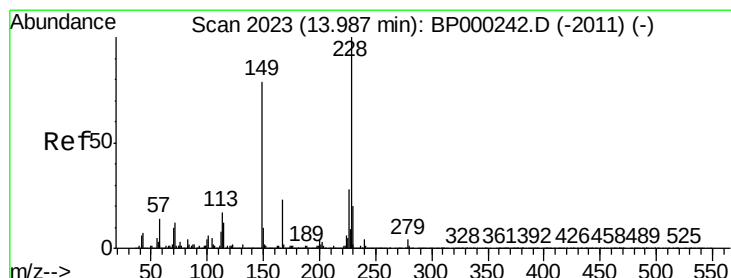
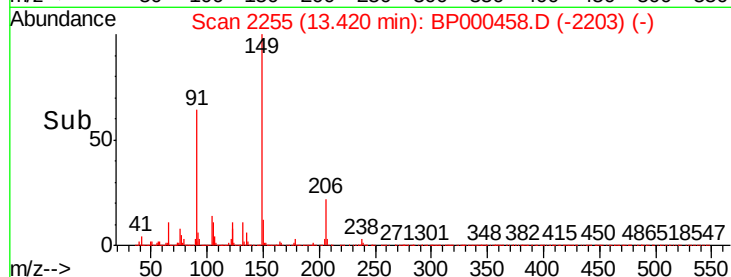
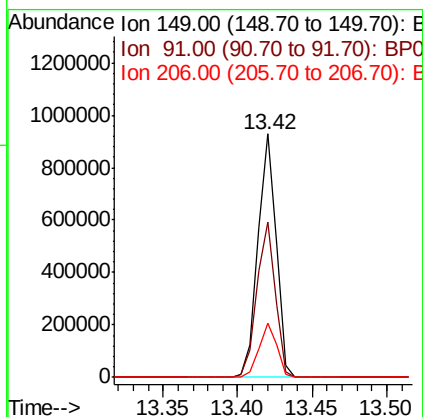
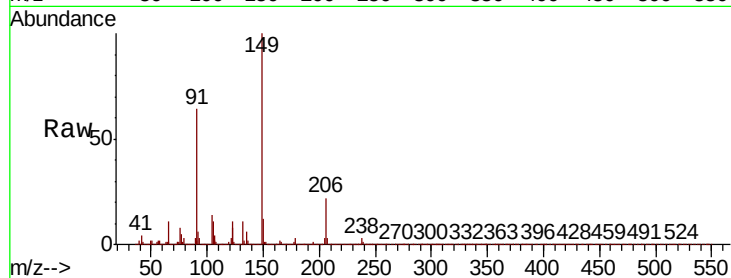




#80
Butylbenzylphthalate
Concen: 44.403 ng
RT: 13.42 min Scan# 2255
Delta R.T. 0.00 min
Lab File: BP000458.D
Acq: 27 Sep 2019 15:31

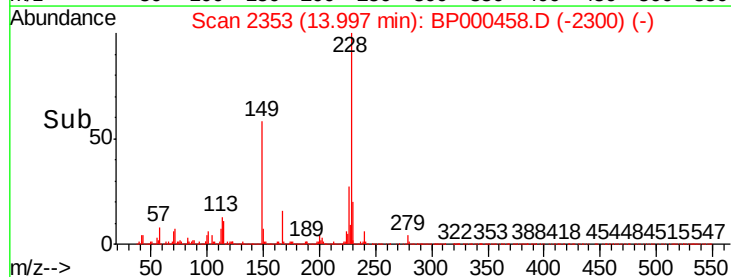
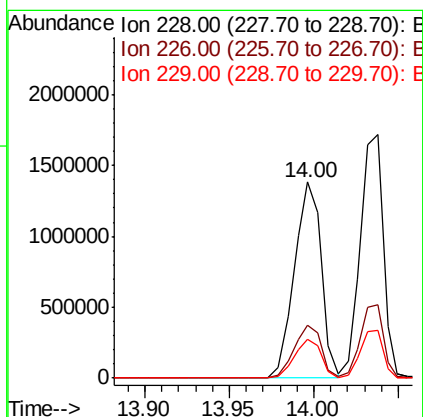
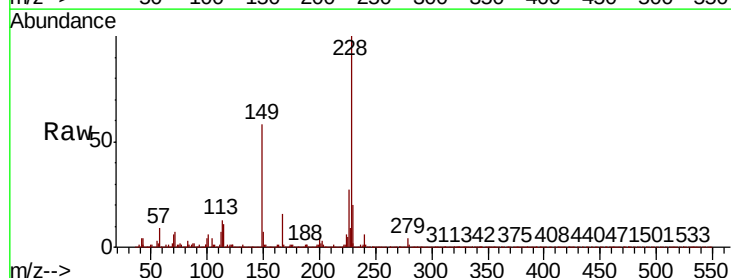
Instrument :
BNA_P
ClientSampleId :

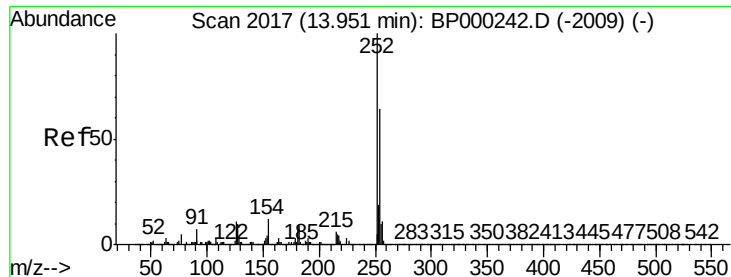
Tot Ion:149 Resp: 772588
Ion Ratio Lower Upper
149 100
91 63.9 50.6 76.0
206 22.0 17.8 26.6



#81
Benzo(a)anthracene
Concen: 47.832 ng
RT: 14.00 min Scan# 2353
Delta R.T. 0.01 min
Lab File: BP000458.D
Acq: 27 Sep 2019 15:31

Tgt Ion:228 Resp: 1529213
Ion Ratio Lower Upper
228 100
226 27.4 22.2 33.4
229 19.9 16.0 24.0





#82

3,3'-Dichlorobenzidine

Concen: 7.496 ng

RT: 13.96 min Scan# 2346

Delta R.T. 0.00 min

Lab File: BP000458.D

Acq: 27 Sep 2019 15:31

Instrument :

BNA_P

ClientSampleId :

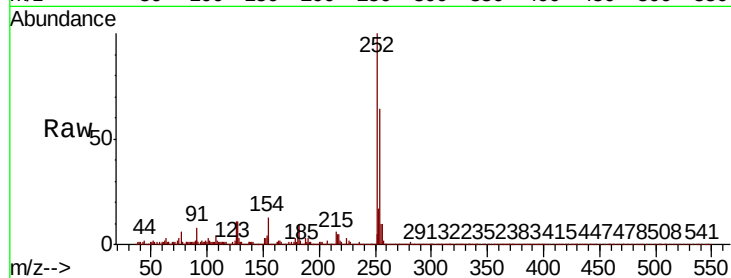
Tot Ion:252 Resp: 96311

Ion Ratio Lower Upper

252 100

254 64.4 51.5 77.3

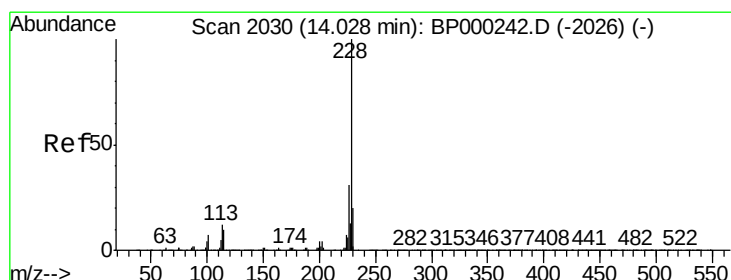
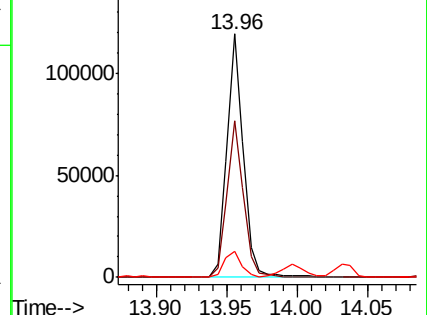
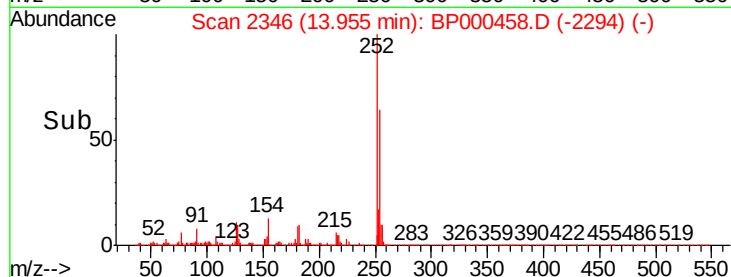
126 10.6 8.4 12.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Chrysene

Concen: 51.889 ng

RT: 14.04 min Scan# 2360

Delta R.T. 0.01 min

Lab File: BP000458.D

Acq: 27 Sep 2019 15:31

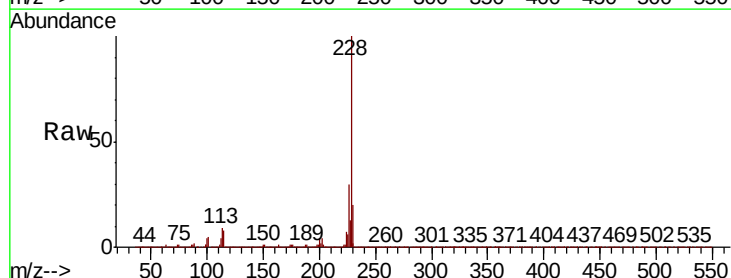
Tgt Ion:228 Resp: 1628802

Ion Ratio Lower Upper

228 100

226 30.3 24.9 37.3

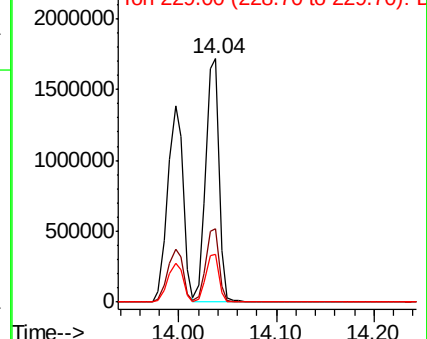
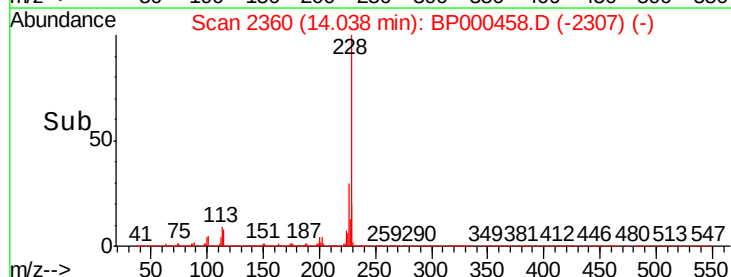
229 19.8 16.2 24.2

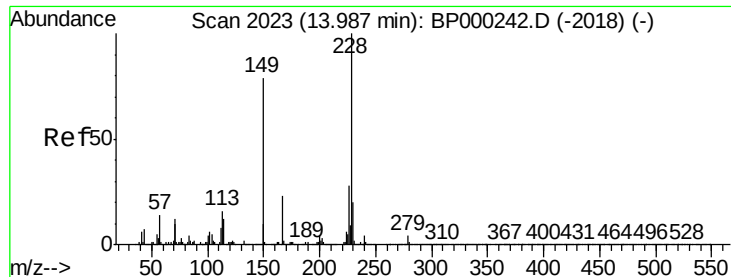


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 48.576 ng

RT: 13.99 min Scan# 2352

Delta R.T. 0.00 min

Lab File: BP000458.D

Acq: 27 Sep 2019 15:31

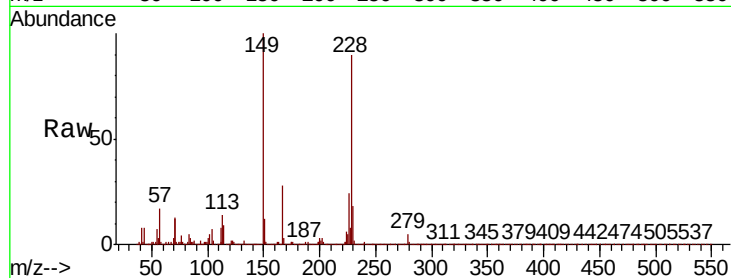
Instrument :

BNA_P

ClientSampleId :

Tot Ion:149 Resp: 1014590

Ion	Ratio	Lower	Upper
149	100		
167	27.9	23.0	34.4
279	5.1	3.7	5.5

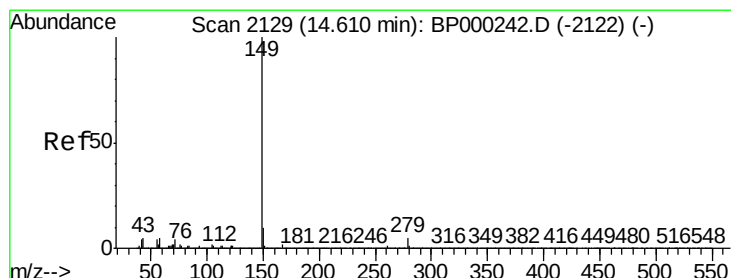
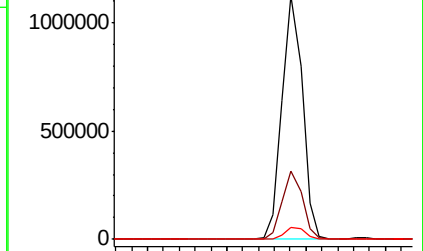
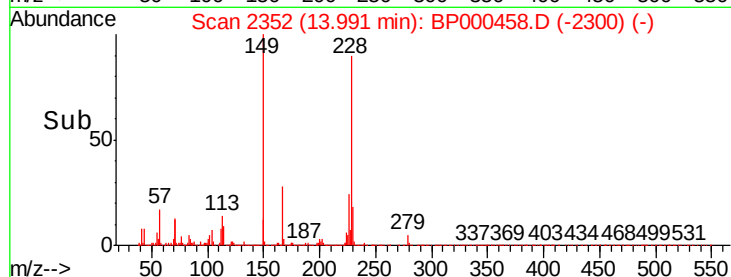


Abundance

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: 47.917 ng

RT: 14.61 min Scan# 2458

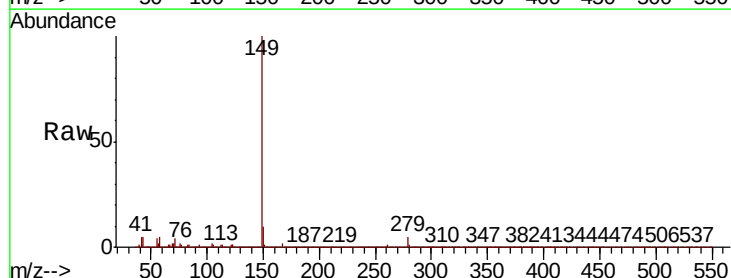
Delta R.T. 0.00 min

Lab File: BP000458.D

Acq: 27 Sep 2019 15:31

Tgt Ion:149 Resp: 1854891

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	5.6	5.0	7.6

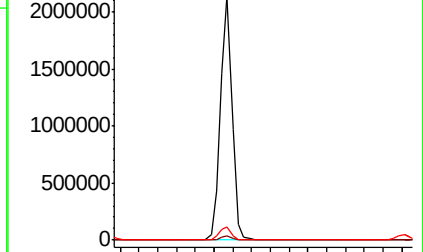
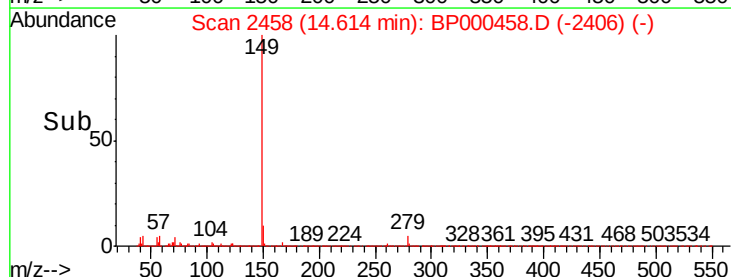


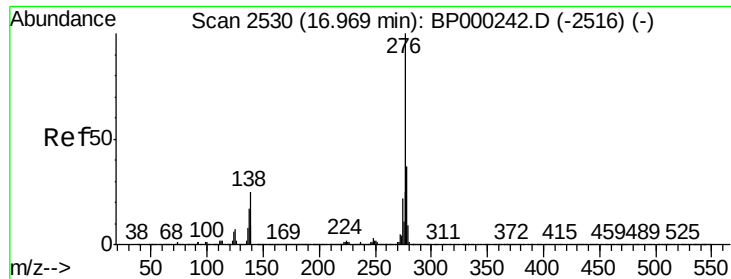
Abundance

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): BPO

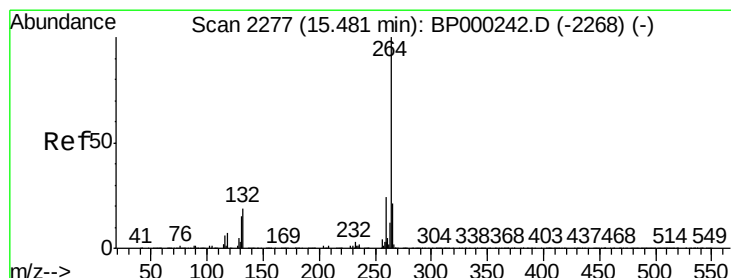
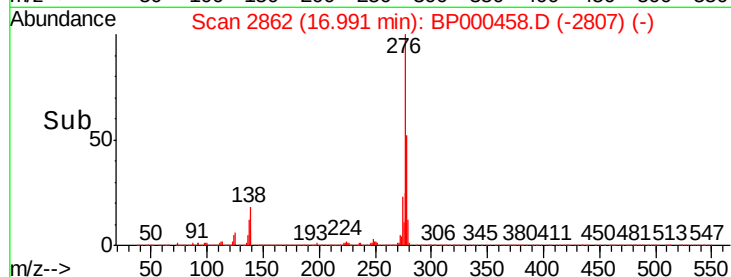
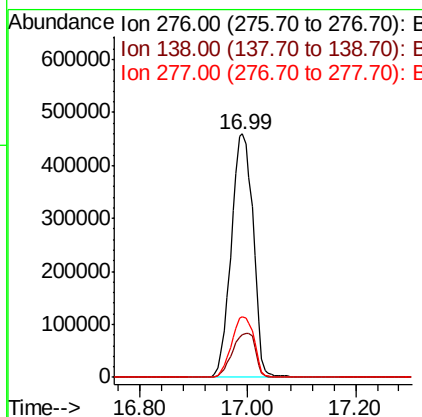
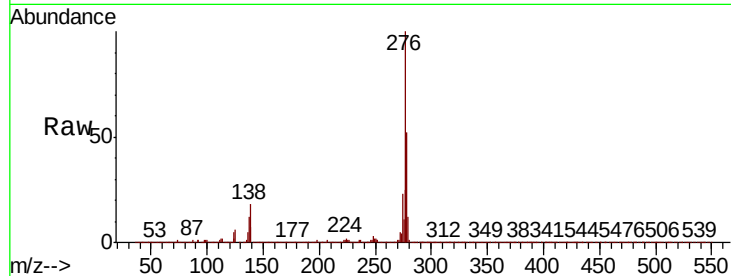




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 34.321 ng
 RT: 16.99 min Scan# 2862
 Delta R.T. 0.02 min
 Lab File: BP000458.D
 Acq: 27 Sep 2019 15:31

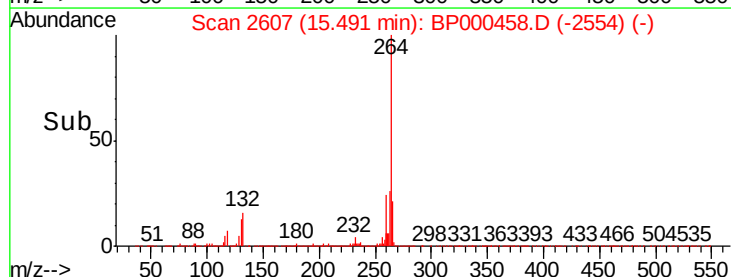
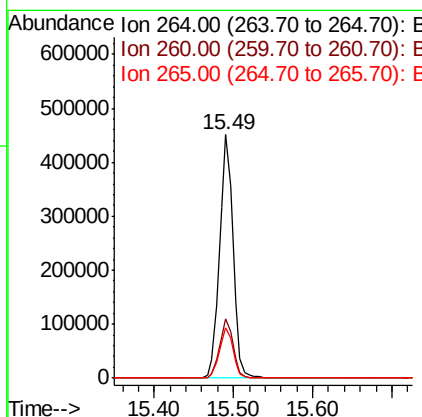
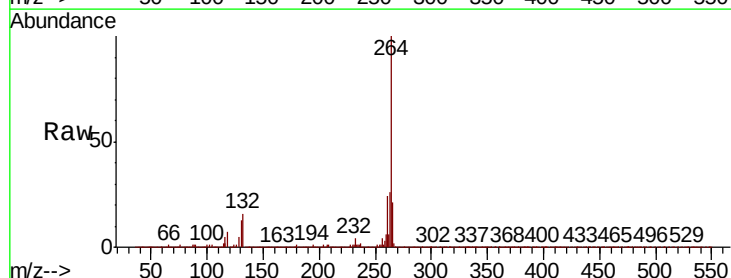
Instrument :
 BNA_P
 ClientSampleId :

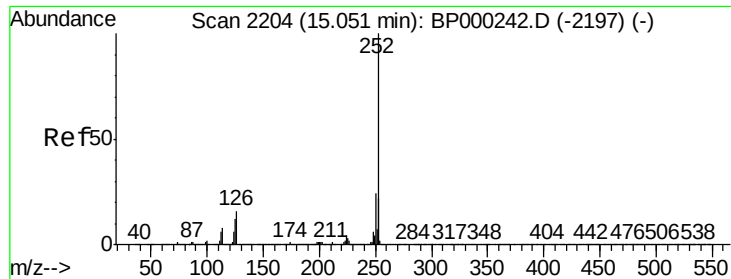
Tot Ion:276 Resp: 1313210
 Ion Ratio Lower Upper
 276 100
 138 19.0 22.6 33.8#
 277 25.5 20.4 30.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2607
 Delta R.T. 0.01 min
 Lab File: BP000458.D
 Acq: 27 Sep 2019 15:31

Tgt Ion:264 Resp: 530442
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.9 28.3
 265 20.9 17.2 25.8

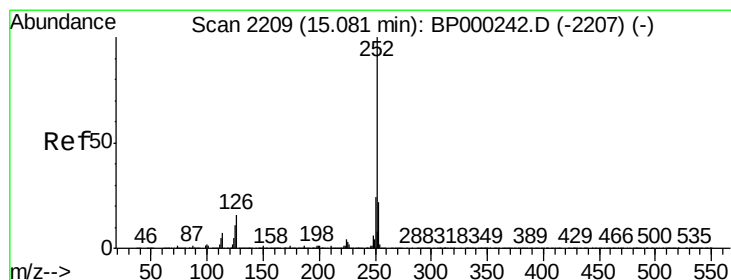
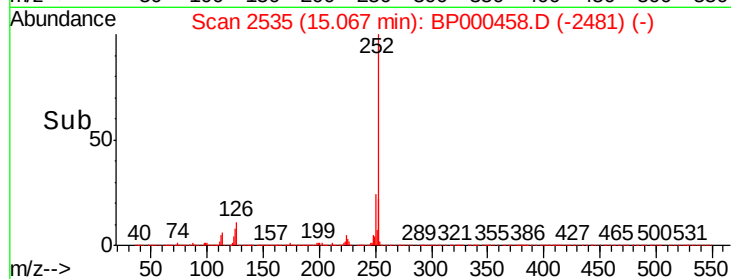
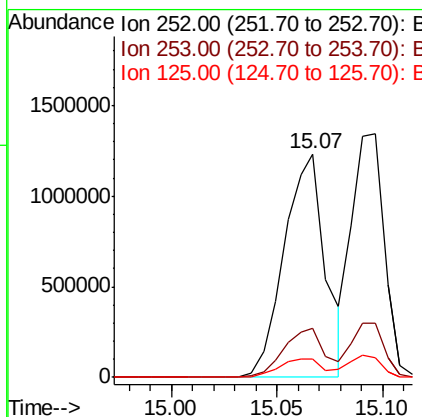
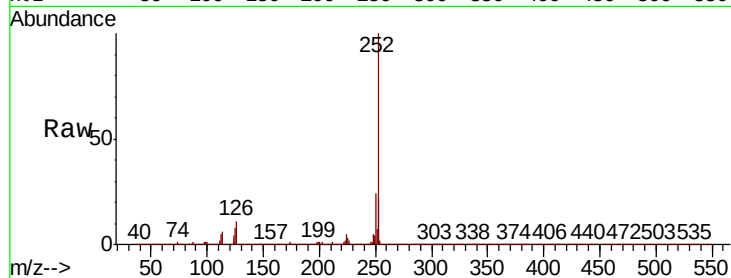




#88
Benzo(b)fluoranthene
Concen: 52.933 ng
RT: 15.07 min Scan# 2535
Delta R.T. 0.02 min
Lab File: BP000458.D
Acq: 27 Sep 2019 15:31

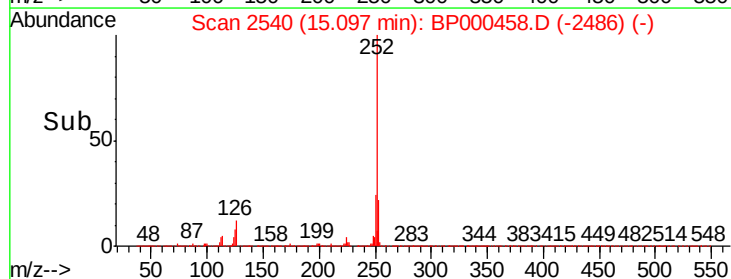
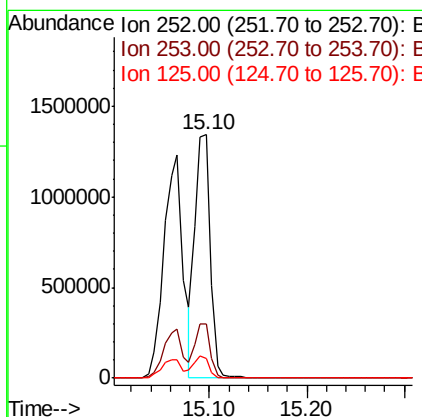
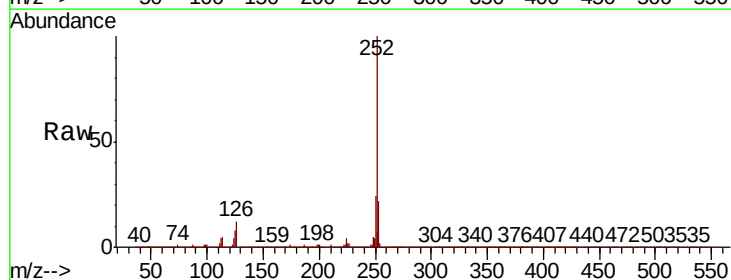
Instrument :
BNA_P
ClientSampleId :

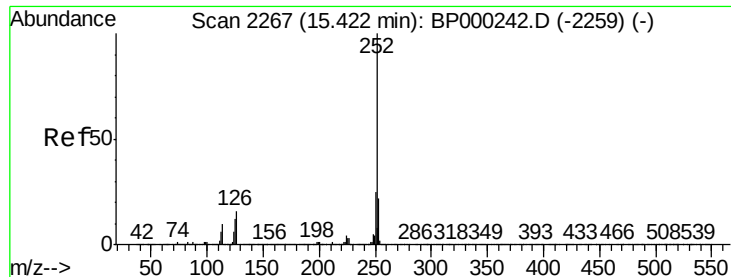
Tot Ion:252 Resp: 1675017
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 8.3 9.5 14.3#



#89
Benzo(k)fluoranthene
Concen: 53.033 ng
RT: 15.10 min Scan# 2540
Delta R.T. 0.02 min
Lab File: BP000458.D
Acq: 27 Sep 2019 15:31

Tgt Ion:252 Resp: 1463865
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 8.2 9.6 14.4#





#90

Benzo(a)pyrene

Concen: 58.341 ng

RT: 15.43 min Scan# 2597

Delta R.T. 0.01 min

Lab File: BP000458.D

Acq: 27 Sep 2019 15:31

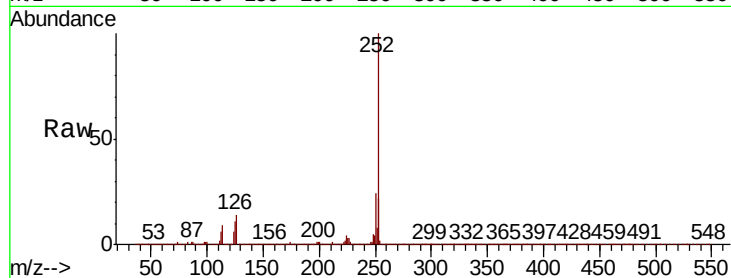
Instrument :

BNA_P

ClientSampleId :

Tot Ion:252 Resp: 1679836

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	11.1	10.0	15.0

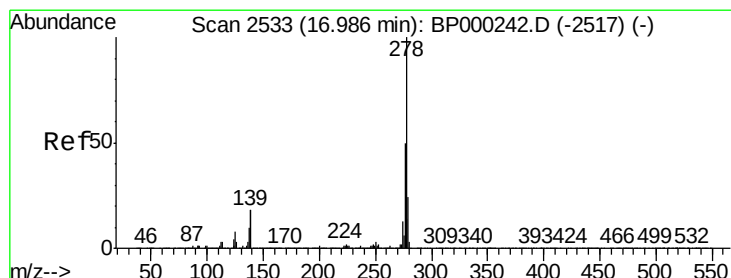
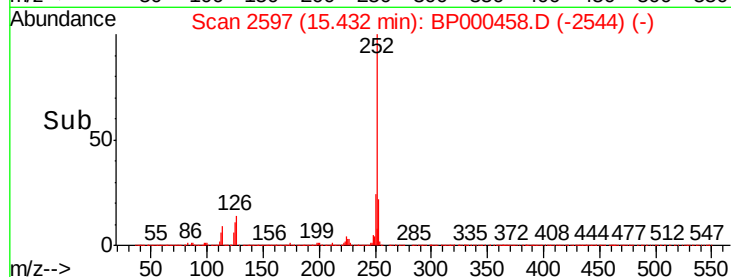
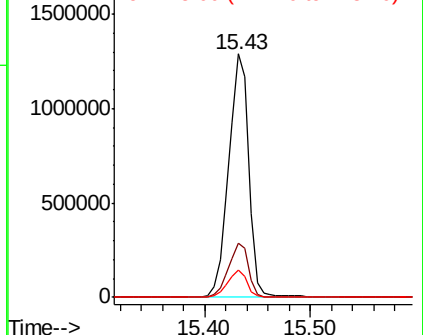


Abundance

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: 41.134 ng

RT: 17.01 min Scan# 2865

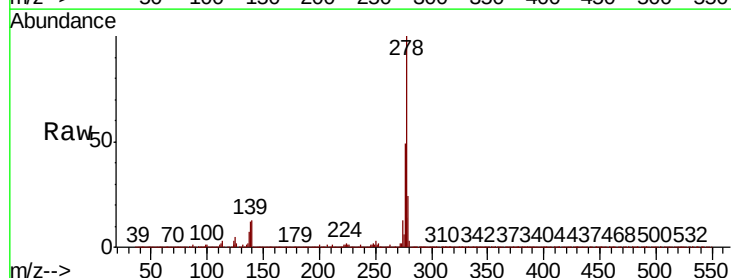
Delta R.T. 0.02 min

Lab File: BP000458.D

Acq: 27 Sep 2019 15:31

Tgt Ion:278 Resp: 1104255

Ion	Ratio	Lower	Upper
278	100		
139	12.8	14.5	21.7#
279	24.3	19.0	28.6

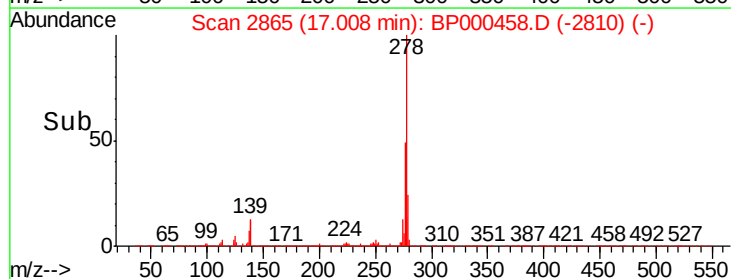
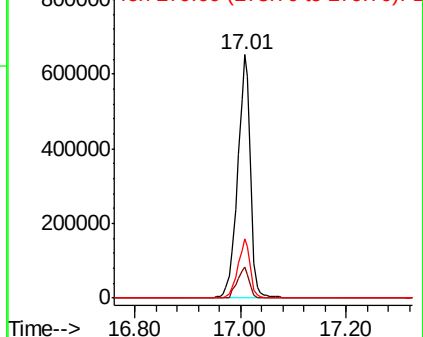


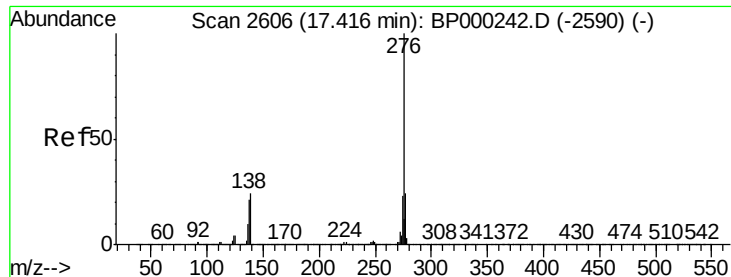
Abundance

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(a,h,i)perylene

Concen: 38.822 ng

RT: 17.44 min Scan# 2939

Delta R.T. 0.03 min

Lab File: BP000458.D

Acq: 27 Sep 2019 15:31

Instrument :

BNA_P

ClientSampleId :

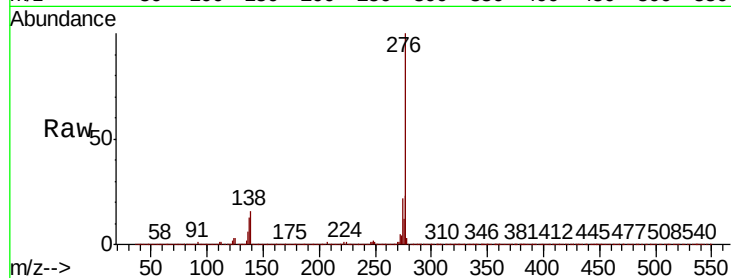
Tot Ion:276 Resp: 1071261

Ion Ratio Lower Upper

276 100

277 23.3 19.1 28.7

138 15.6 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

