

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082820\
 Data File : BP003157.D
 Acq On : 28 Aug 2020 18:50
 Operator : CG/JU
 Sample : L3837-14MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 29 00:40:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 15:32:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	247690	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	999726	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	612391	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1339533	20.00	ng	0.00
76) Chrysene-d12	21.15	240	1262691	20.00	ng	0.00
86) Perylene-d12	23.38	264	1234349	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	1638321	116.94	ng	0.00
7) Phenol-d6	6.85	99	1956998	111.44	ng	0.00
23) Nitrobenzene-d5	8.81	82	1149767	82.91	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	1004901	121.33	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	3284928	78.55	ng	0.00
79) Terphenyl-d14	19.63	244	4491335	78.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.20	88	188857	35.262	ng	97
3) Pyridine	3.59	79	407574	28.916	ng	99
4) n-Nitrosodimethylamine	3.50	42	166536	45.245	ng	89
6) Aniline	6.99	93	595081	31.123	ng	100
8) 2-Chlorophenol	7.23	128	751166	48.096	ng	99
9) Benzaldehyde	6.80	77	321872	39.312	ng	96
10) Phenol	6.88	94	786553	48.329	ng	97
11) bis(2-Chloroethyl)ether	7.09	93	572150	44.416	ng	99
12) 1,3-Dichlorobenzene	7.55	146	802332	42.250	ng	99
13) 1,4-Dichlorobenzene	7.69	146	815320	42.528	ng	99
14) 1,2-Dichlorobenzene	8.01	146	781719	43.009	ng	99
15) Benzyl Alcohol	7.90	79	495181	50.044	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.20	45	453855	41.576	ng	98
17) 2-Methylphenol	8.11	107	566349	48.848	ng	98
18) Hexachloroethane	8.73	117	266311	42.461	ng	98
19) n-Nitroso-di-n-propylamine	8.47	70	361259	45.530	ng	98
20) 3+4-Methylphenols	8.44	107	757308	48.478	ng	99
22) Acetophenone	8.48	105	936752	42.075	ng	# 99
24) Nitrobenzene	8.85	77	585911	43.016	ng	99
25) Isophorone	9.38	82	1123314	45.910	ng	99
26) 2-Nitrophenol	9.56	139	404417	49.815	ng	99
27) 2,4-Dimethylphenol	9.63	122	663183	54.341	ng	96
28) bis(2-Chloroethoxy)methane	9.86	93	737171	40.450	ng	99
29) 2,4-Dichlorophenol	10.10	162	720538	47.588	ng	99
30) 1,2,4-Trichlorobenzene	10.31	180	756297	41.951	ng	99
31) Naphthalene	10.49	128	2204957	42.929	ng	100
32) Benzoic acid	9.80	122	464432	48.969	ng	97
33) 4-Chloroaniline	10.60	127	285112	13.285	ng	97
34) Hexachlorobutadiene	10.79	225	444269	41.061	ng	99
35) Caprolactam	11.37	113	222806	48.968	ng	97
36) 4-Chloro-3-methylphenol	11.75	107	676179	47.829	ng	99
37) 2-Methylnaphthalene	12.11	142	1619677	44.082	ng	99
38) 1-Methylnaphthalene	12.33	142	1530462	43.824	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	801510	44.158	ng	99

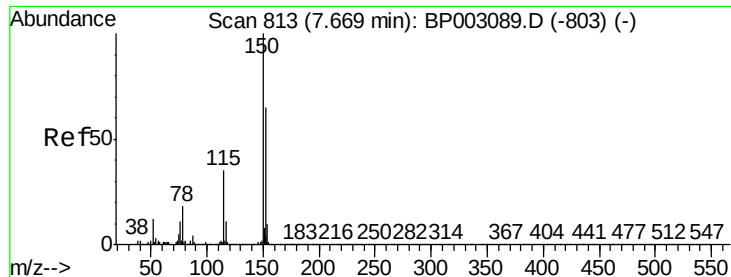
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082820\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 15:32:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	952884	111.057	ng	99
43) 2,4,6-Trichlorophenol	12.73	196	571937	47.922	ng	99
44) 2,4,5-Trichlorophenol	12.80	196	626802	49.651	ng	99
46) 1,1'-Biphenyl	13.13	154	2036208	44.329	ng	99
47) 2-Chloronaphthalene	13.17	162	1561013	41.516	ng	100
48) 2-Nitroaniline	13.37	65	320078	45.466	ng	98
49) Acenaphthylene	14.02	152	2570160	45.205	ng	100
50) Dimethylphthalate	13.77	163	2285749	48.945	ng	100
51) 2,6-Dinitrotoluene	13.88	165	449045	46.265	ng	98
52) Acenaphthene	14.37	154	1496400	42.841	ng	99
53) 3-Nitroaniline	14.20	138	292948	26.640	ng	98
54) 2,4-Dinitrophenol	14.42	184	513083	95.145	ng	98
55) Dibenzofuran	14.70	168	2354860	42.928	ng	98
56) 4-Nitrophenol	14.54	139	825293	104.319	ng	97
57) 2,4-Dinitrotoluene	14.67	165	617044	47.282	ng	99
58) Fluorene	15.36	166	1808745	42.804	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	553297	48.443	ng	99
60) Diethylphthalate	15.15	149	1957366	42.721	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	915602	41.958	ng	99
62) 4-Nitroaniline	15.37	138	431455	38.169	ng	97
63) Azobenzene	15.65	77	1323017	43.508	ng	96
65) 4,6-Dinitro-2-methylphenol	15.44	198	344176	53.726	ng	98
66) n-Nitrosodiphenylamine	15.57	169	1680843	42.913	ng	99
67) 4-Bromophenyl-phenylether	16.25	248	630891	42.675	ng	99
68) Hexachlorobenzene	16.37	284	736656	41.853	ng	99
69) Atrazine	16.53	200	547382	41.435	ng	99
70) Pentachlorophenol	16.72	266	967502	114.949	ng	100
71) Phenanthrene	17.10	178	3222646	44.399	ng	99
72) Anthracene	17.19	178	3155021	45.417	ng	100
73) Carbazole	17.46	167	2921872	43.826	ng	100
74) Di-n-butylphthalate	18.03	149	3434546	43.823	ng	100
75) Fluoranthene	19.07	202	4189539	49.940	ng	99
77) Benzidine	19.26	184	1295954	44.907	ng	99
78) Pyrene	19.43	202	4150609	50.647	ng	98
80) Butylbenzylphthalate	20.31	149	1659504	49.181	ng	96
81) Benzo(a)anthracene	21.13	228	3739748	47.283	ng	100
82) 3,3'-Dichlorobenzidine	21.07	252	1136599	39.067	ng	100
83) Chrysene	21.19	228	3490619	46.094	ng	99
84) Bis(2-ethylhexyl)phthalate	21.08	149	2292986	47.056	ng	99
85) Di-n-octyl phthalate	21.95	149	3984688	47.694	ng	99
87) Indeno(1,2,3-cd)pyrene	25.67	276	3904258	42.414	ng	98
88) Benzo(b)fluoranthene	22.72	252	3635292	47.385	ng	99
89) Benzo(k)fluoranthene	22.76	252	3370339	45.980	ng	100
90) Benzo(a)pyrene	23.29	252	3220679	45.251	ng	99
91) Dibenzo(a,h)anthracene	25.67	278	3076136	40.680	ng	99
92) Benzo(g,h,i)perylene	26.36	276	3401744	44.827	ng	99

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

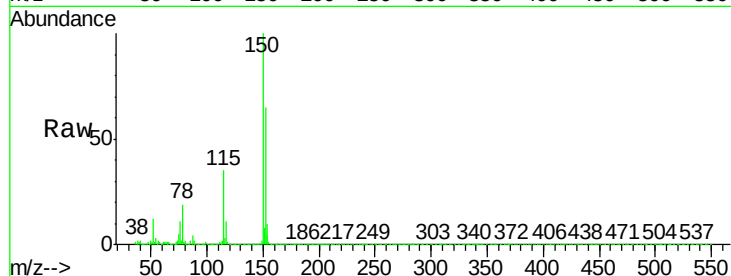


#1

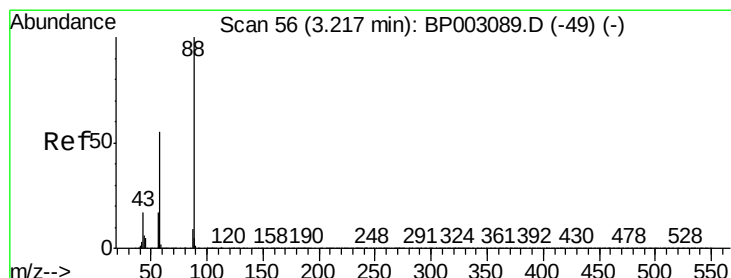
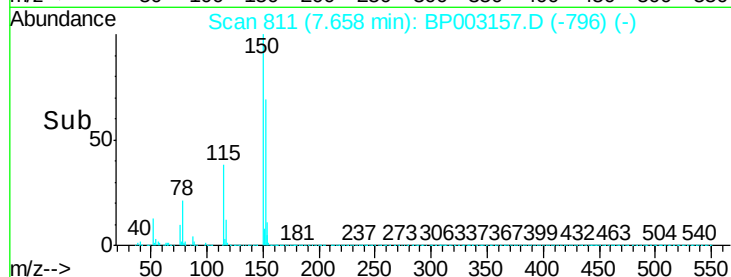
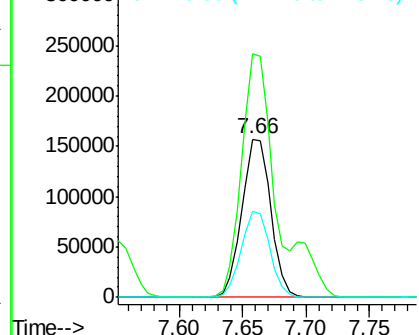
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 811
Delta R.T. -0.01 min
Lab File: BP003157.D
Acq: 28 Aug 2020 18:50

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	123.1	184.7
115	54.6	42.8	64.2



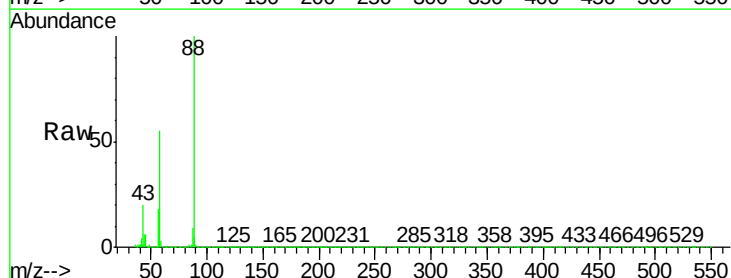
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



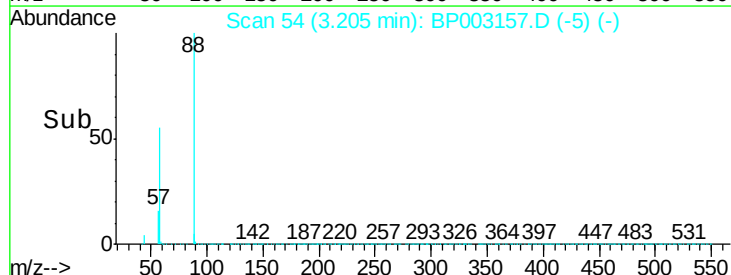
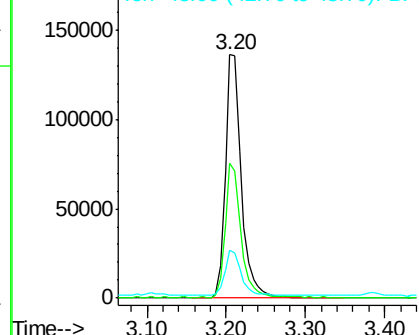
#2

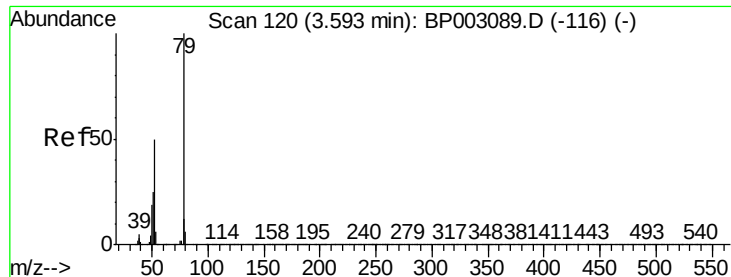
1,4-Dioxane
Concen: 35.262 ng
RT: 3.20 min Scan# 54
Delta R.T. -0.01 min
Lab File: BP003157.D
Acq: 28 Aug 2020 18:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	53.4	44.3	66.5
43	19.2	14.3	21.5



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: 28.916 ng

RT: 3.59 min Scan# 119

Delta R.T. -0.01 min

Lab File: BP003157.D

Acq: 28 Aug 2020 18:50

Instrument :

BNA_P

ClientSampleId :

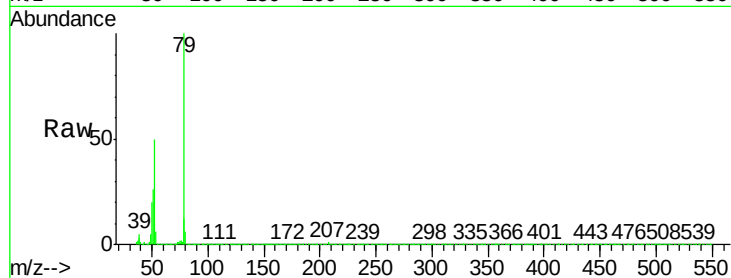
Tot Ion: 79 Resp: 407574

Ion Ratio Lower Upper

79 100

52 50.4 39.8 59.8

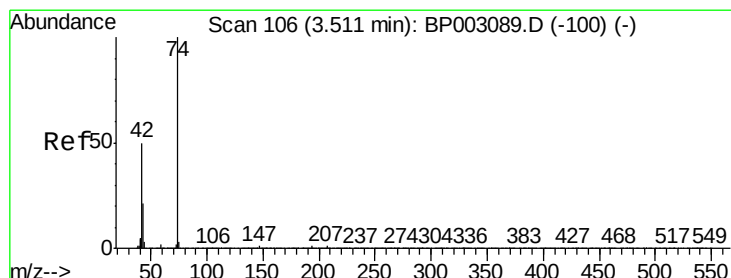
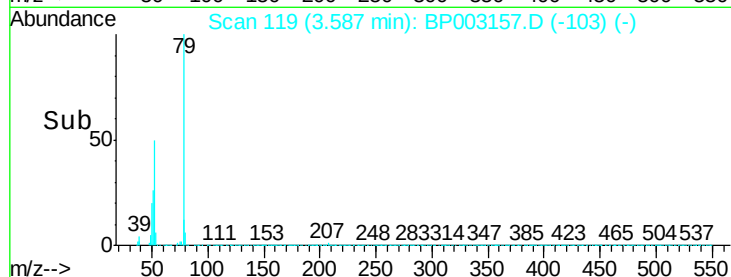
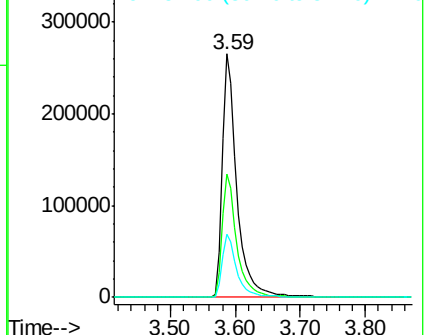
51 25.8 20.2 30.2



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: 45.245 ng

RT: 3.50 min Scan# 105

Delta R.T. -0.01 min

Lab File: BP003157.D

Acq: 28 Aug 2020 18:50

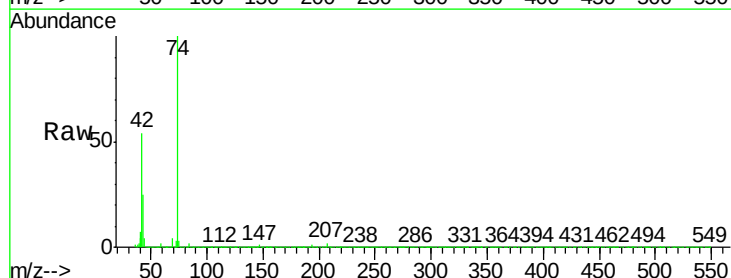
Tgt Ion: 42 Resp: 166536

Ion Ratio Lower Upper

42 100

74 184.5 161.0 241.6

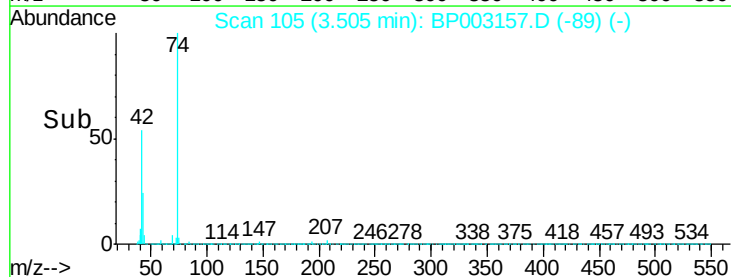
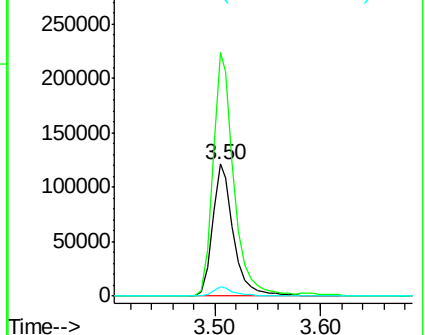
44 7.0 5.6 8.4

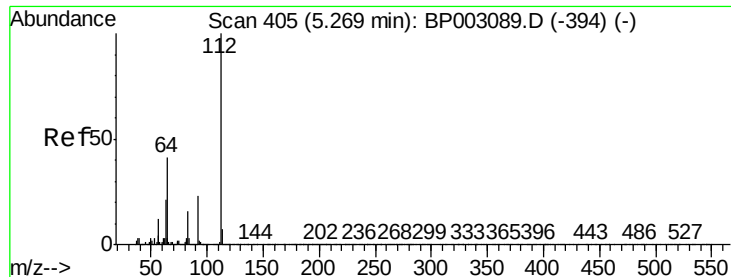


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 116.944 ng

RT: 5.28 min Scan# 406

Delta R.T. 0.01 min

Lab File: BP003157.D

Acq: 28 Aug 2020 18:50

Instrument :

BNA_P

ClientSampleId :

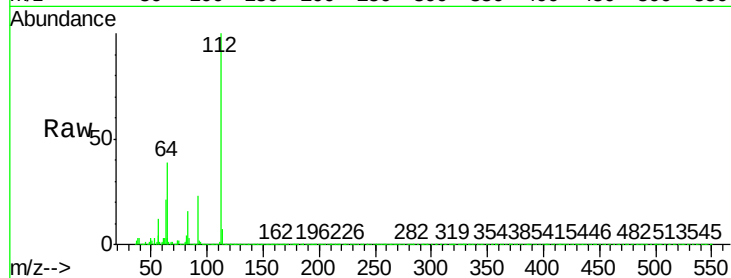
Tot Ion:112 Resp: 1638321

Ion Ratio Lower Upper

112 100

64 39.3 33.0 49.6

63 21.1 16.9 25.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0

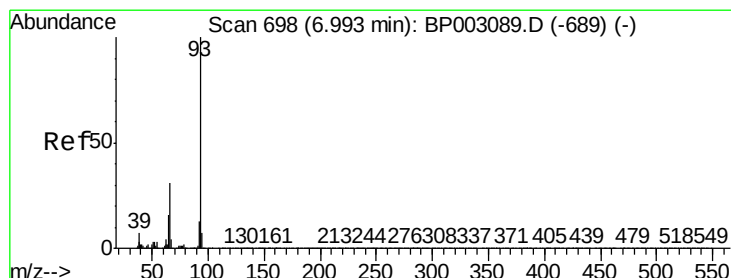
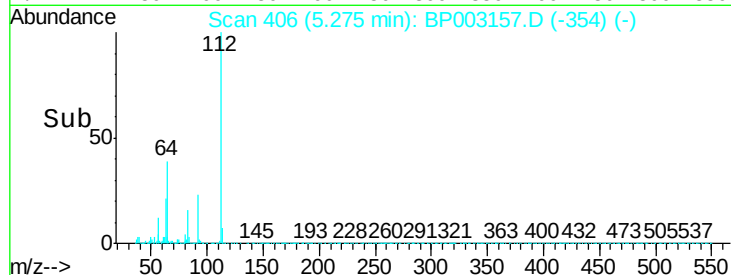
5.28

1000000

500000

0

Time-->



#6

Aniline

Concen: 31.123 ng

RT: 6.99 min Scan# 698

Delta R.T. 0.00 min

Lab File: BP003157.D

Acq: 28 Aug 2020 18:50

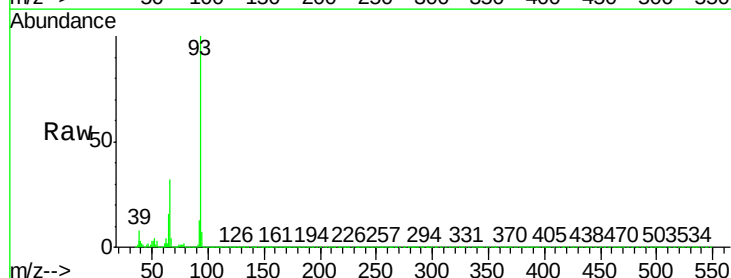
Tgt Ion: 93 Resp: 595081

Ion Ratio Lower Upper

93 100

66 31.5 25.0 37.4

65 15.6 12.6 18.8



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

6.99

500000

400000

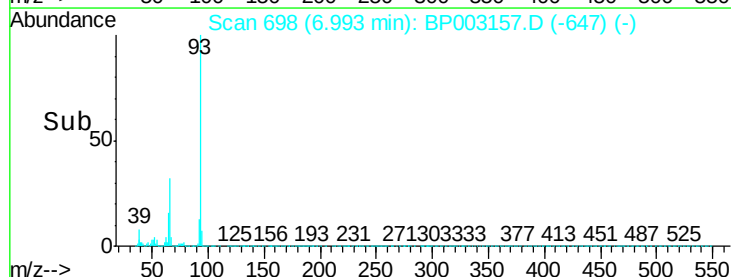
300000

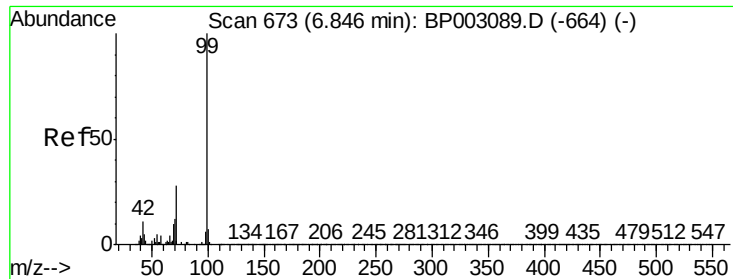
200000

100000

0

Time-->





#7

Phenol-d6

Concen: 111.435 ng

RT: 6.85 min Scan# 674

Delta R.T. 0.01 min

Lab File: BP003157.D

Acq: 28 Aug 2020 18:50

Instrument :

BNA_P

ClientSampleId :

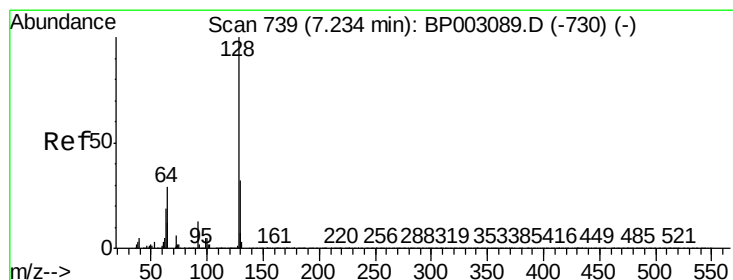
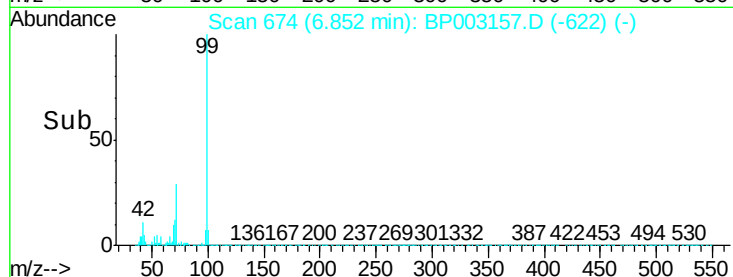
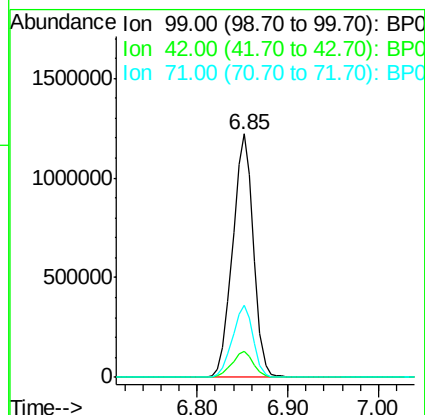
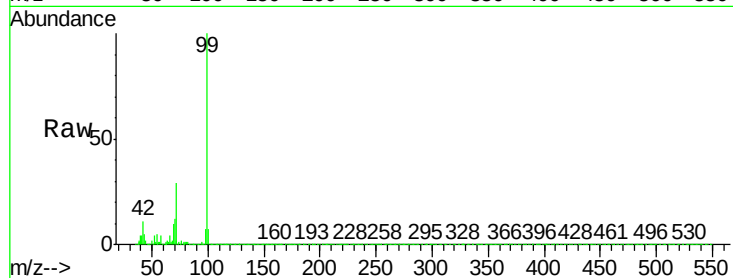
Tot Ion: 99 Resp: 1956998

Ion	Ratio	Lower	Upper
99	100		
42	10.7	8.5	12.7
71	29.5	22.8	34.2

99 100

42 10.7 8.5 12.7

71 29.5 22.8 34.2



#8

2-Chlorophenol

Concen: 48.096 ng

RT: 7.23 min Scan# 739

Delta R.T. 0.00 min

Lab File: BP003157.D

Acq: 28 Aug 2020 18:50

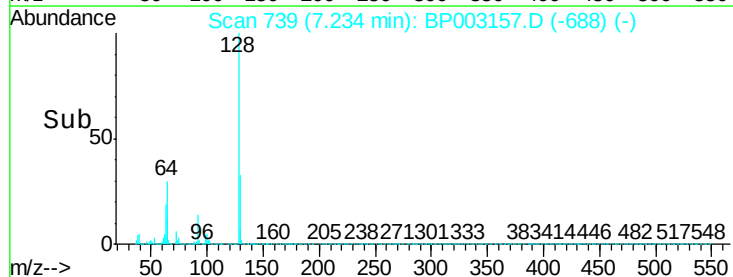
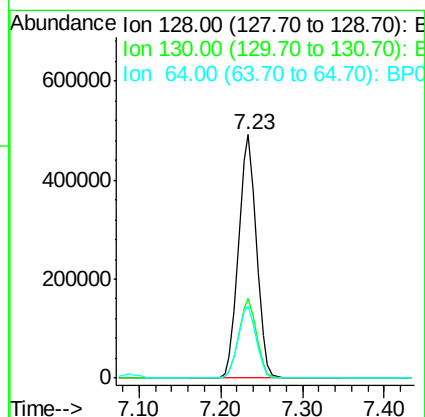
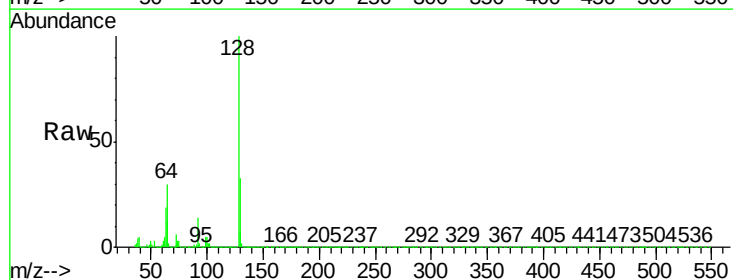
Tgt Ion: 128 Resp: 751166

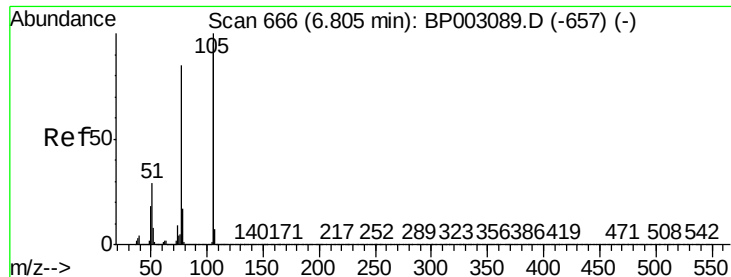
Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.2	52.2
64	29.7	9.7	49.7

128 100

130 33.0 12.2 52.2

64 29.7 9.7 49.7





#9

Benzaldehyde

Concen: 39.312 ng

RT: 6.80 min Scan# 665

Delta R.T. -0.01 min

Lab File: BP003157.D

Acq: 28 Aug 2020 18:50

Instrument :

BNA_P

ClientSampleId :

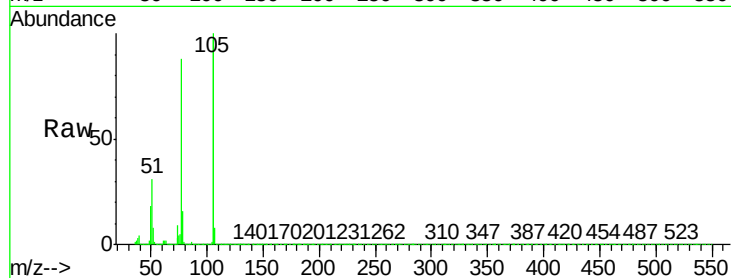
Tot Ion: 77 Resp: 321872

Ion Ratio Lower Upper

77 100

105 114.0 98.3 138.3

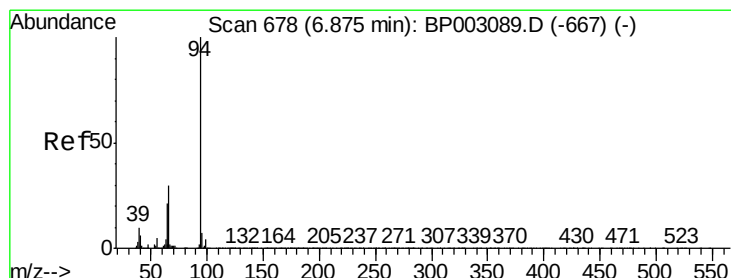
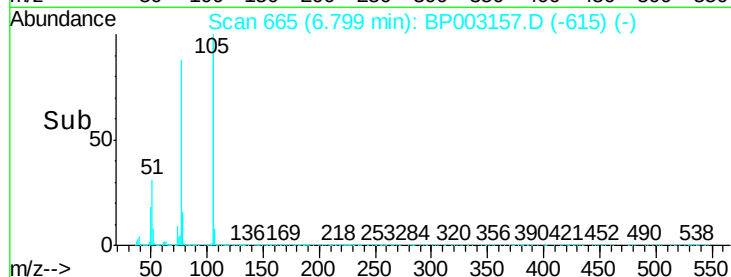
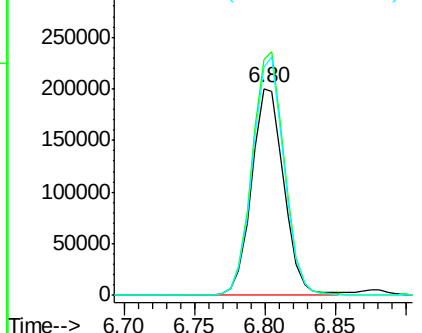
106 110.5 93.9 133.9



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



#10

Phenol

Concen: 48.329 ng

RT: 6.88 min Scan# 678

Delta R.T. 0.00 min

Lab File: BP003157.D

Acq: 28 Aug 2020 18:50

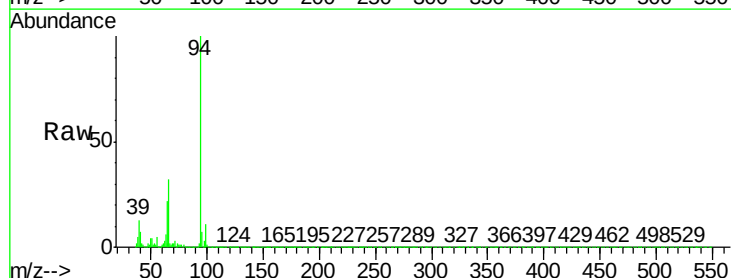
Tgt Ion: 94 Resp: 786553

Ion Ratio Lower Upper

94 100

65 22.4 1.0 41.0

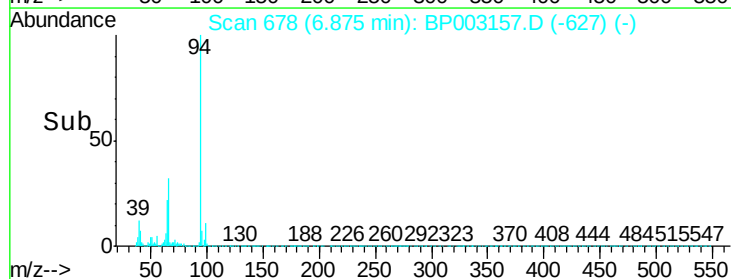
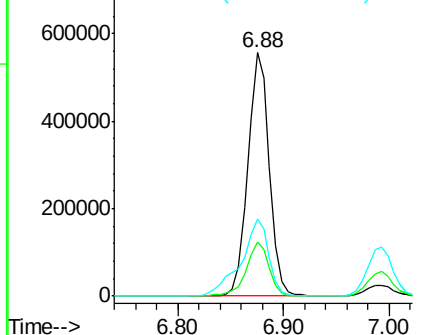
66 31.5 9.7 49.7

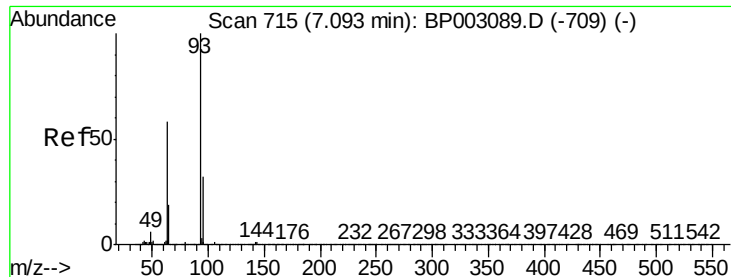


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

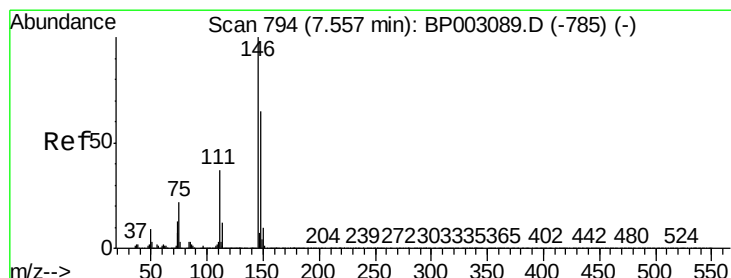
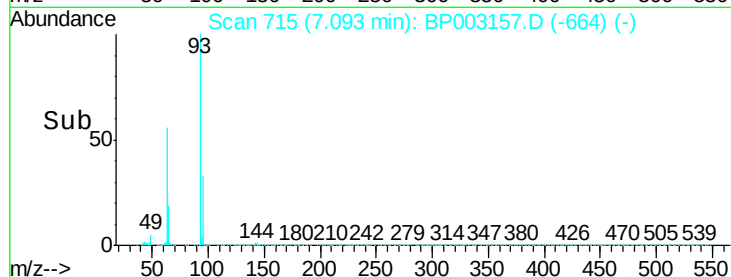
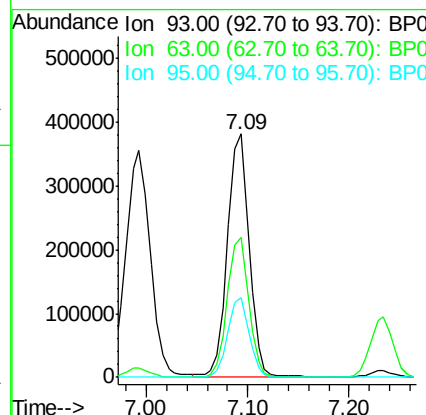
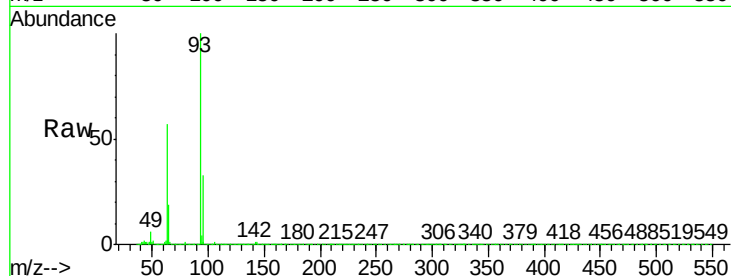




#11
bis(2-Chloroethyl)ether
Concen: 44.416 ng
RT: 7.09 min Scan# 715
Delta R.T. 0.00 min
Lab File: BP003157.D
Acq: 28 Aug 2020 18:50

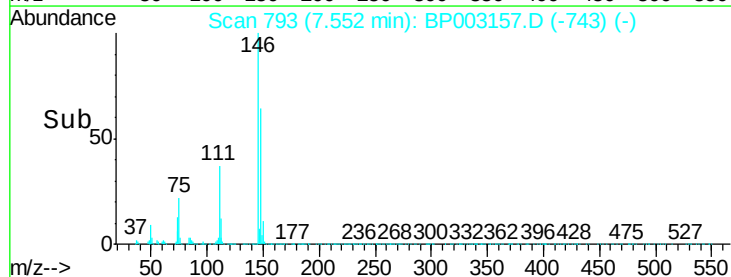
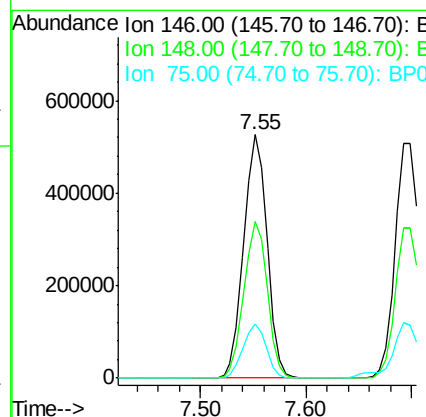
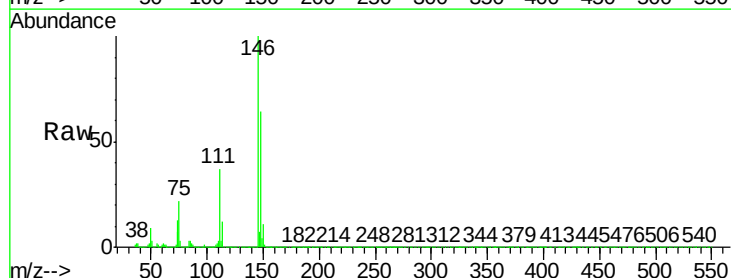
Instrument :
BNA_P
ClientSampled :

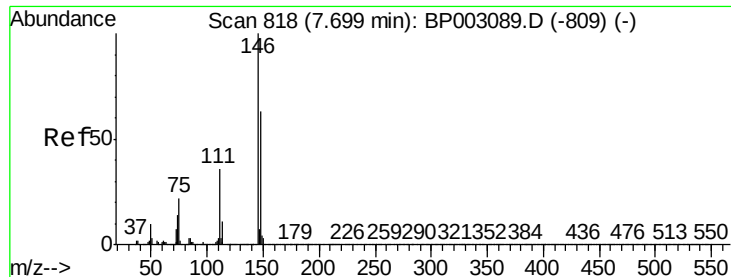
Tot Ion	Ratio	Lower	Upper
93	100		
63	57.4	37.8	77.8
95	32.7	12.0	52.0



#12
1,3-Dichlorobenzene
Concen: 42.250 ng
RT: 7.55 min Scan# 793
Delta R.T. -0.01 min
Lab File: BP003157.D
Acq: 28 Aug 2020 18:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.6
75	22.1	17.4	26.2

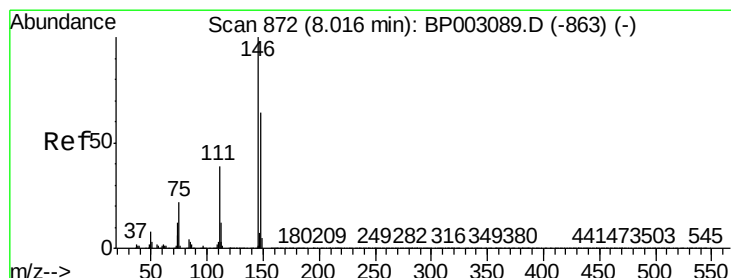
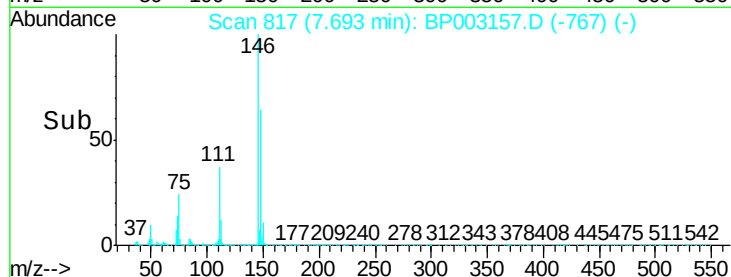
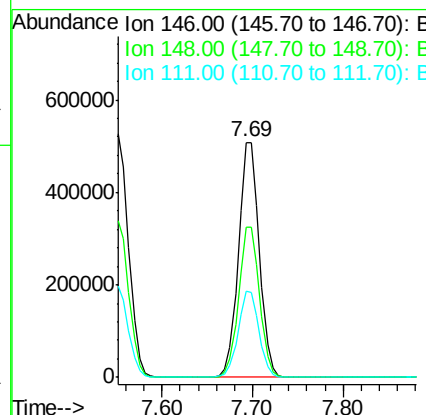
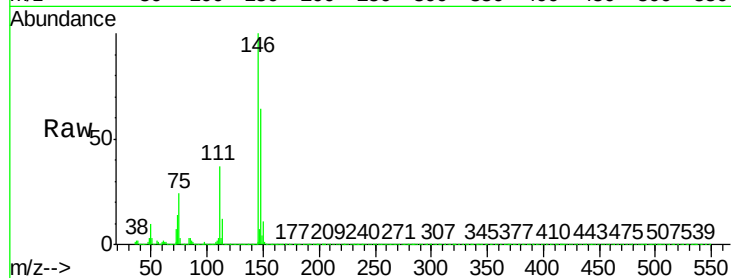




#13
 1,4-Dichlorobenzene
 Concen: 42.528 ng
 RT: 7.69 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BP003157.D
 Acq: 28 Aug 2020 18:50

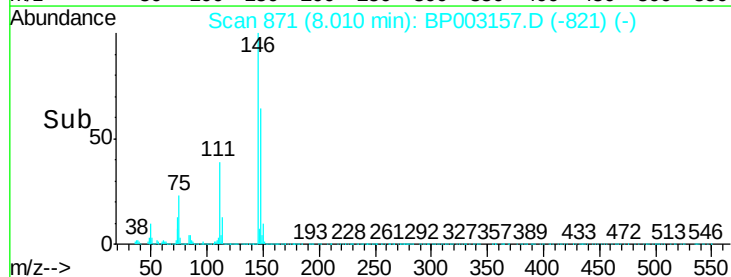
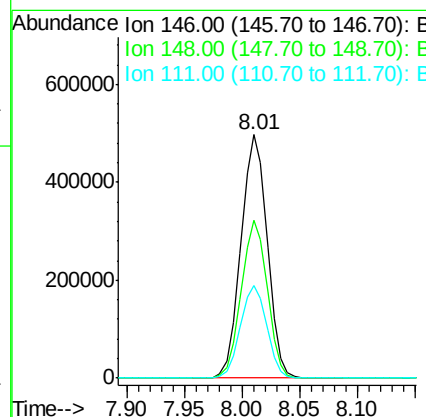
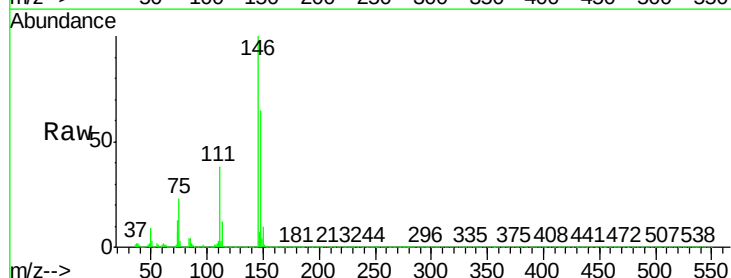
Instrument :
 BNA_P
 ClientSampleId :

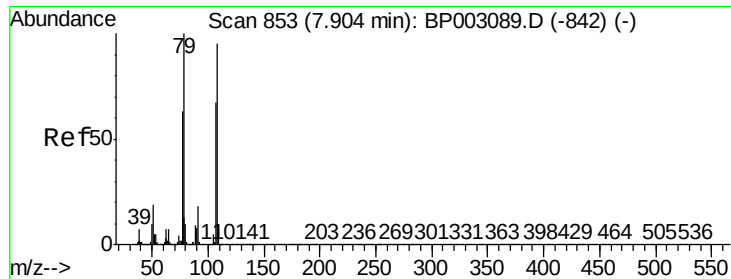
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.6	75.8
111	36.8	28.5	42.7



#14
 1,2-Dichlorobenzene
 Concen: 43.009 ng
 RT: 8.01 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BP003157.D
 Acq: 28 Aug 2020 18:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.4	77.2
111	38.2	31.0	46.4

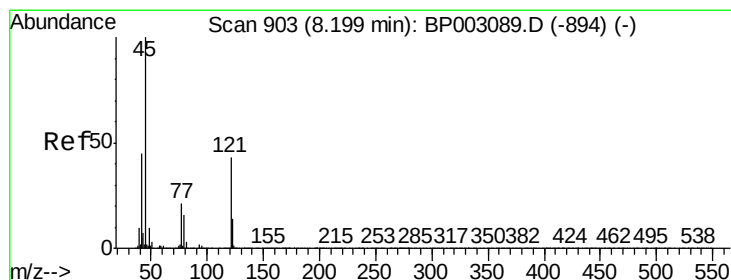
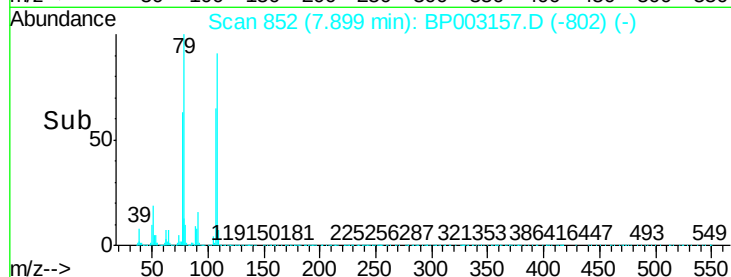
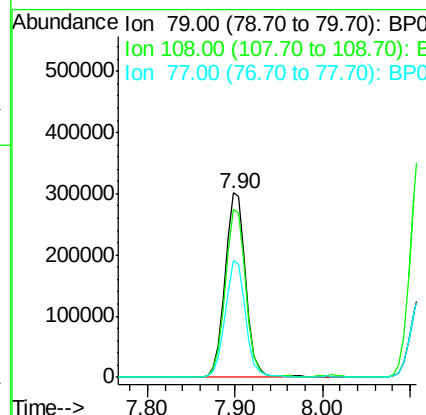
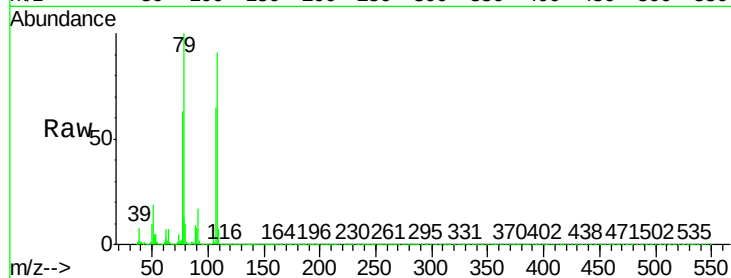




#15
Benzyl Alcohol
Concen: 50.044 ng
RT: 7.90 min Scan# 852
Delta R.T. -0.01 min
Lab File: BP003157.D
Acq: 28 Aug 2020 18:50

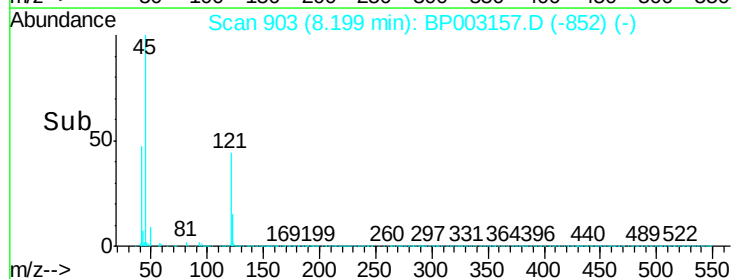
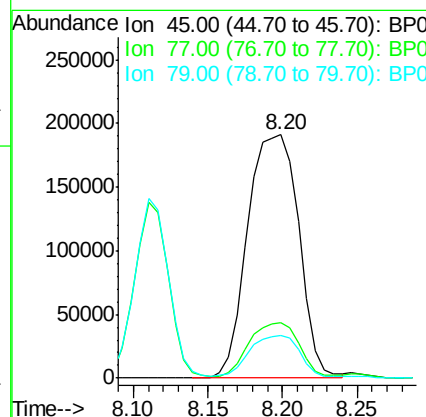
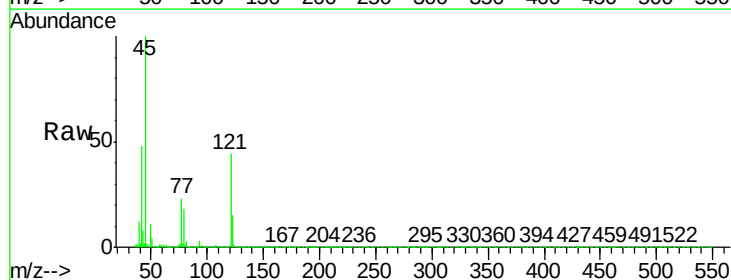
Instrument :
BNA_P
ClientSampled :

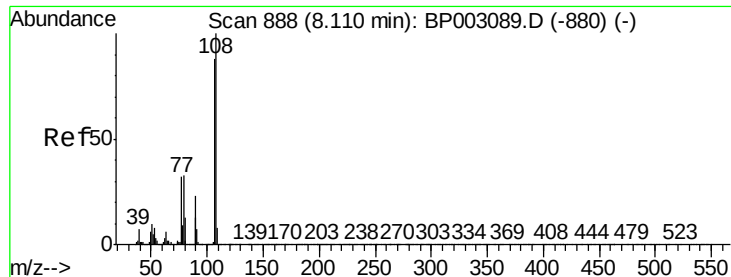
Tot Ion: 79 Resp: 495181
Ion Ratio Lower Upper
79 100
108 90.7 75.7 113.5
77 63.2 50.2 75.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.576 ng
RT: 8.20 min Scan# 903
Delta R.T. 0.00 min
Lab File: BP003157.D
Acq: 28 Aug 2020 18:50

Tgt Ion: 45 Resp: 453855
Ion Ratio Lower Upper
45 100
77 22.8 1.6 41.6
79 17.6 0.0 36.7





#17

2-Methylphenol

Concen: 48.848 ng

RT: 8.11 min Scan# 888

Delta R.T. 0.00 min

Lab File: BP003157.D

Acq: 28 Aug 2020 18:50

Instrument :

BNA_P

ClientSampleId :

Tot Ion:107 Resp: 566349

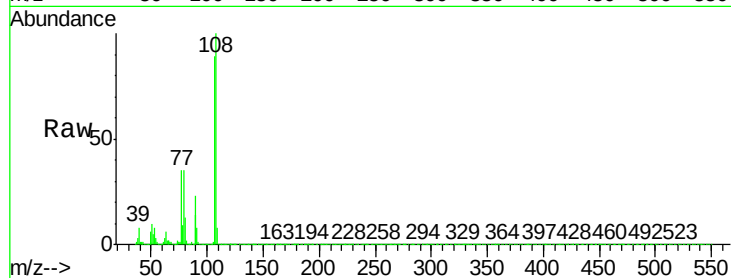
Ion Ratio Lower Upper

107 100

108 111.8 90.8 136.2

77 38.8 29.4 44.2

79 39.7 30.0 45.0

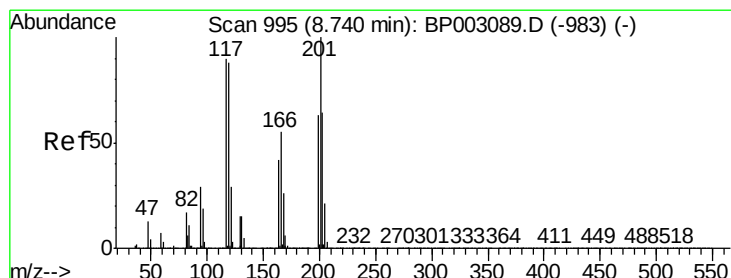
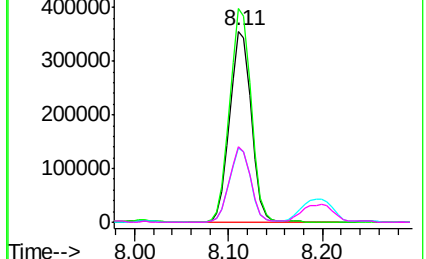
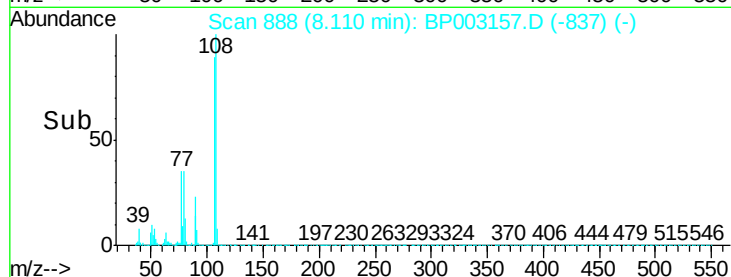


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18

Hexachloroethane

Concen: 42.461 ng

RT: 8.73 min Scan# 994

Delta R.T. -0.01 min

Lab File: BP003157.D

Acq: 28 Aug 2020 18:50

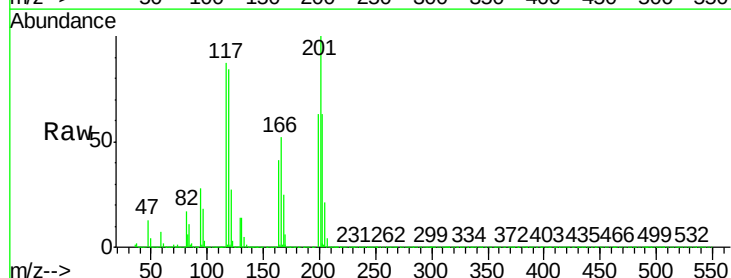
Tgt Ion:117 Resp: 266311

Ion Ratio Lower Upper

117 100

119 97.1 77.7 116.5

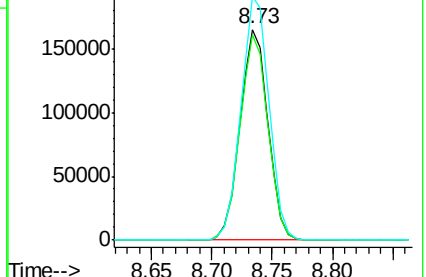
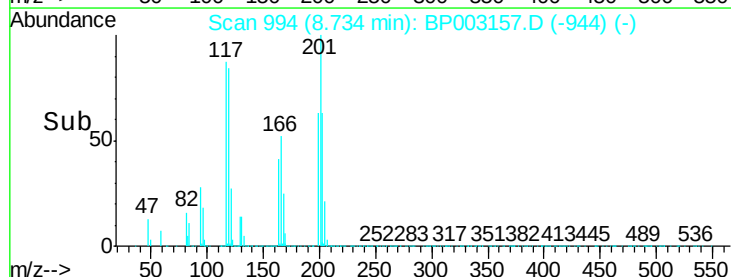
201 115.4 88.4 132.6

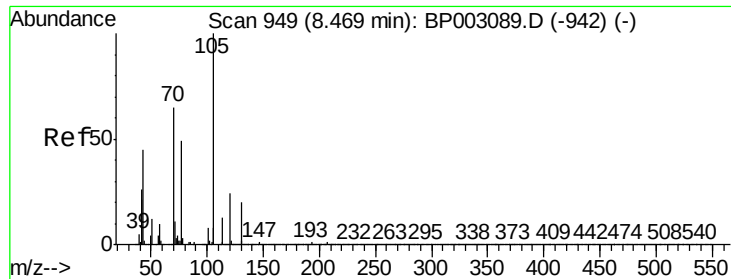


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

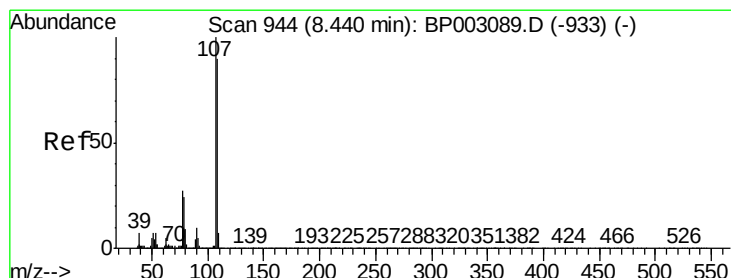
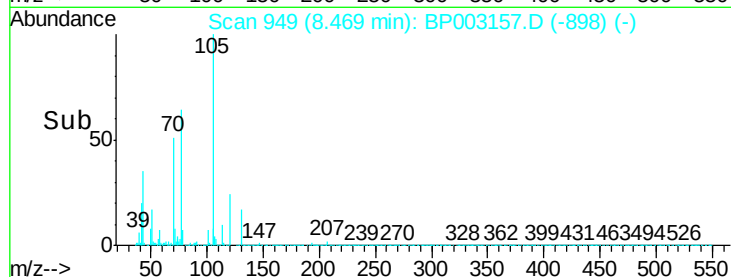
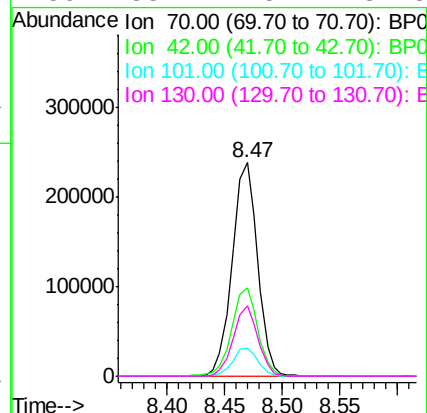
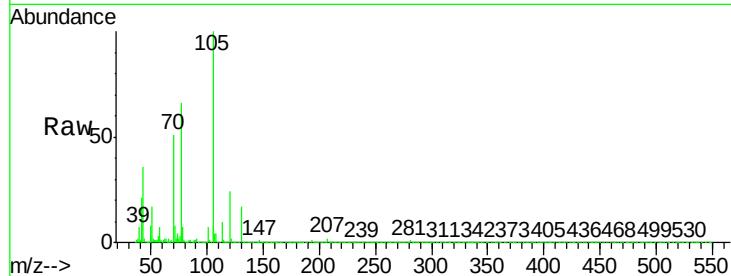




#19
n-Nitroso-di-n-propylamine
Concen: 45.530 ng
RT: 8.47 min Scan# 949
Delta R.T. 0.00 min
Lab File: BP003157.D
Acq: 28 Aug 2020 18:50

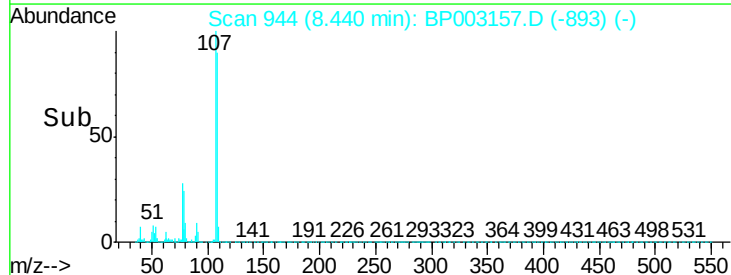
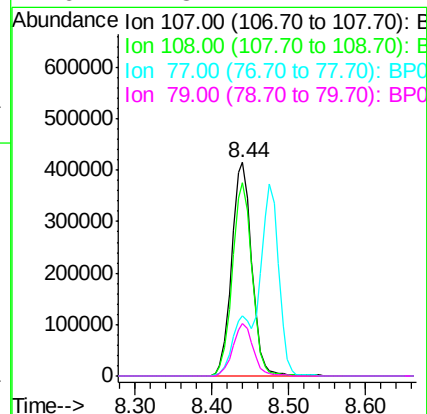
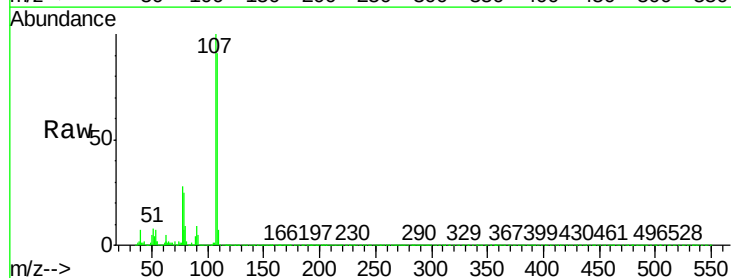
Instrument :
BNA_P
ClientSampleId :

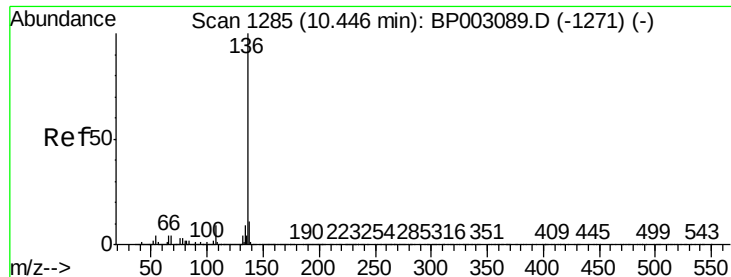
Tot Ion:	70	Resp:	361259
Ion	Ratio	Lower	Upper
70	100		
42	41.1	32.5	48.7
101	13.0	10.2	15.2
130	33.1	25.2	37.8



#20
3+4-Methylphenols
Concen: 48.478 ng
RT: 8.44 min Scan# 944
Delta R.T. 0.00 min
Lab File: BP003157.D
Acq: 28 Aug 2020 18:50

Tgt Ion:	107	Resp:	757308
Ion	Ratio	Lower	Upper
107	100		
108	90.7	69.7	109.7
77	28.1	7.2	47.2
79	24.8	4.4	44.4

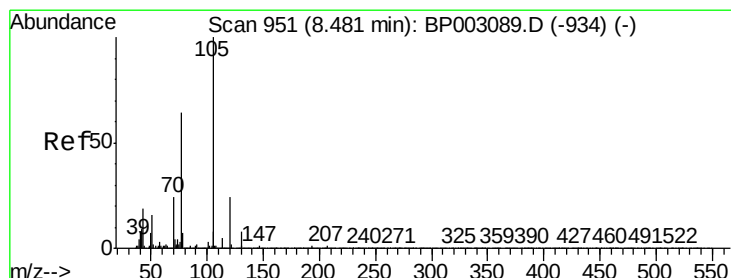
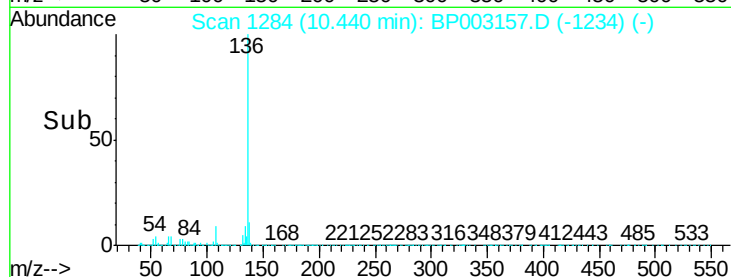
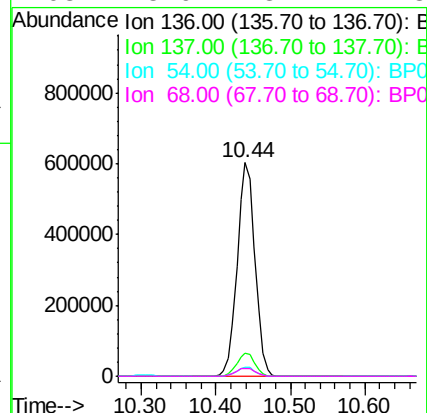
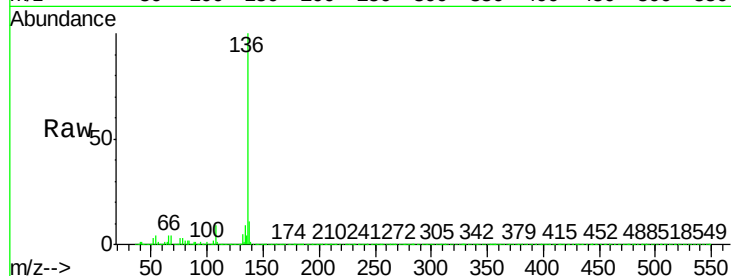




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BP003157.D
Acq: 28 Aug 2020 18:50

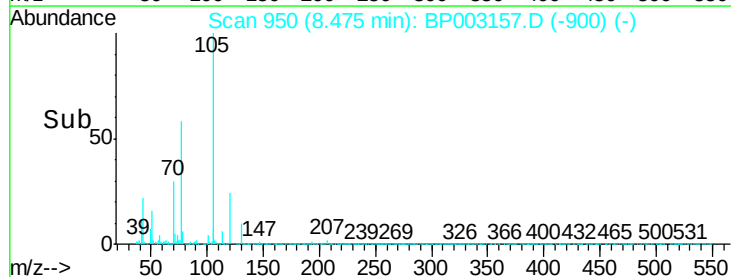
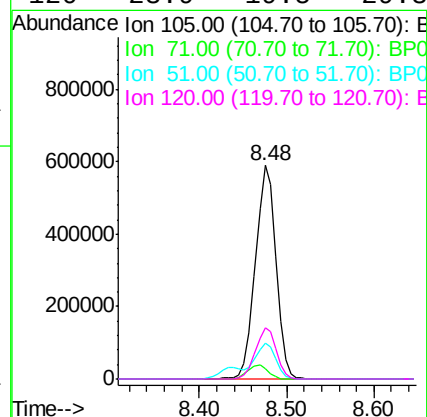
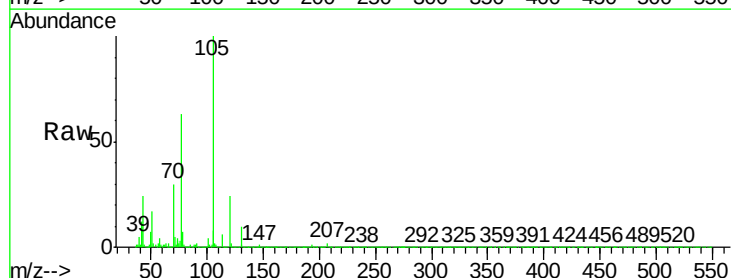
Instrument :
BNA_P
ClientSampleId :

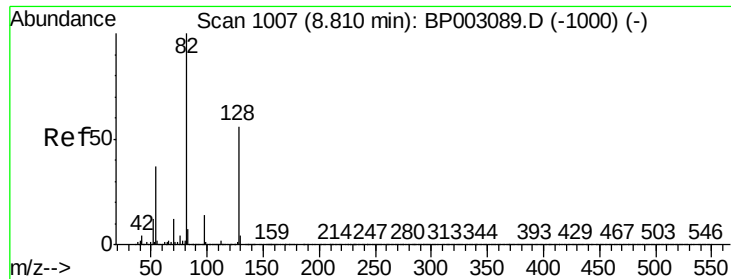
Tot Ion:136	Resp:	999726	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	8.8	13.2	
54 4.4	3.5	5.3	
68 3.9	3.2	4.8	



#22
Acetophenone
Concen: 42.075 ng
RT: 8.48 min Scan# 950
Delta R.T. -0.01 min
Lab File: BP003157.D
Acq: 28 Aug 2020 18:50

Tgt	Ion:105	Resp:	936752
Ion	Ratio	Lower	Upper
105	100		
71	5.0	3.1	4.7#
51	16.5	13.0	19.6
120	23.9	19.5	29.3

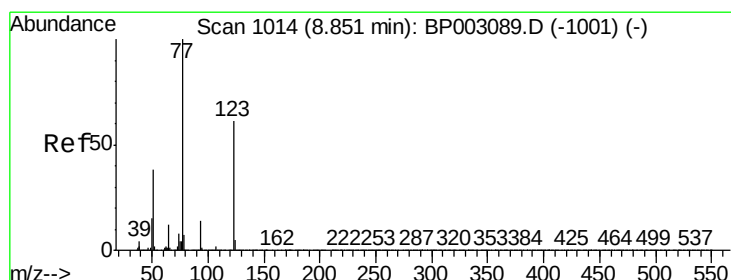
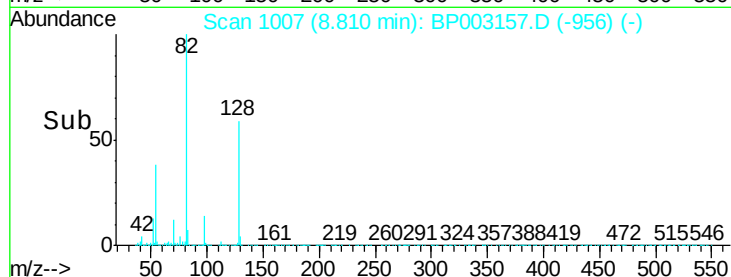
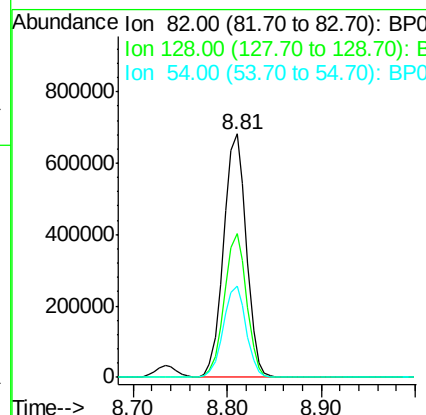
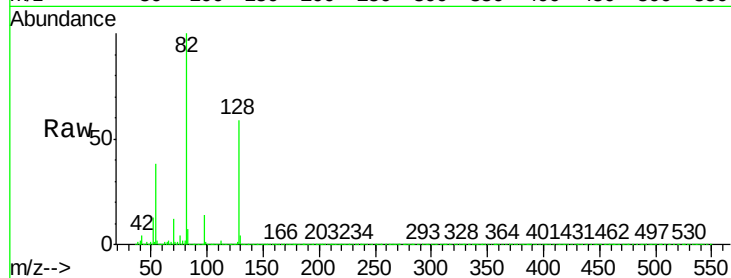




#23
Nitrobenzene-d5
Concen: 82.910 ng
RT: 8.81 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BP003157.D
Acq: 28 Aug 2020 18:50

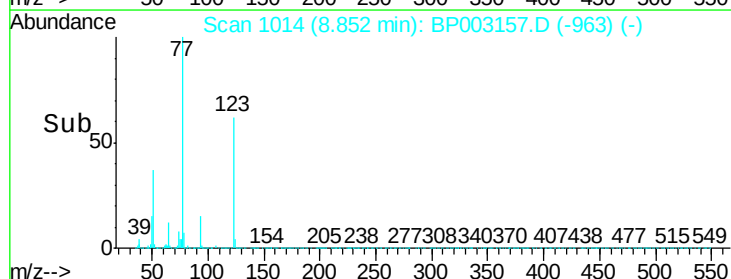
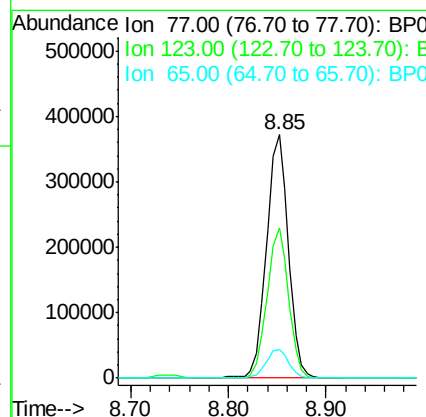
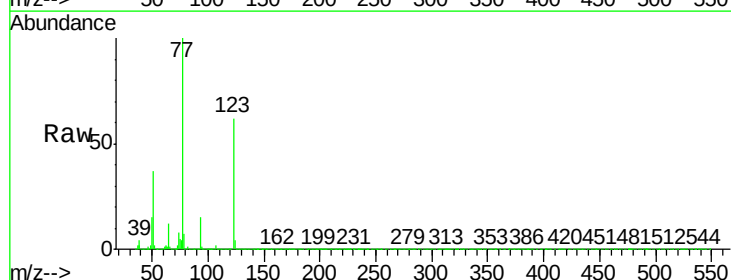
Instrument :
BNA_P
ClientSampled :

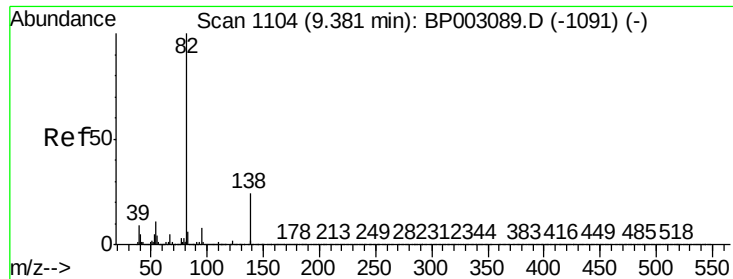
Tot Ion: 82 Resp: 1149767
Ion Ratio Lower Upper
82 100
128 58.8 44.9 67.3
54 37.7 29.4 44.2



#24
Nitrobenzene
Concen: 43.016 ng
RT: 8.85 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BP003157.D
Acq: 28 Aug 2020 18:50

Tgt Ion: 77 Resp: 585911
Ion Ratio Lower Upper
77 100
123 61.8 49.0 73.4
65 11.7 9.6 14.4





#25

Isophorone

Concen: 45.910 ng

RT: 9.38 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BP003157.D

Acq: 28 Aug 2020 18:50

Instrument :

BNA_P

ClientSampleId :

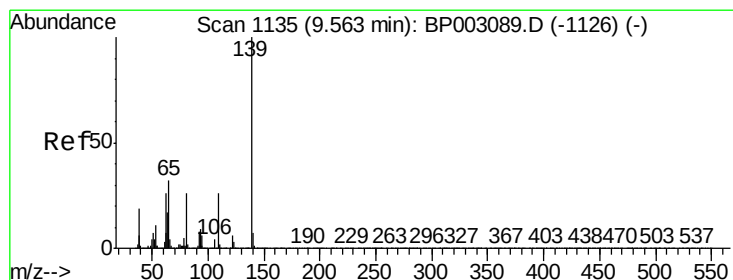
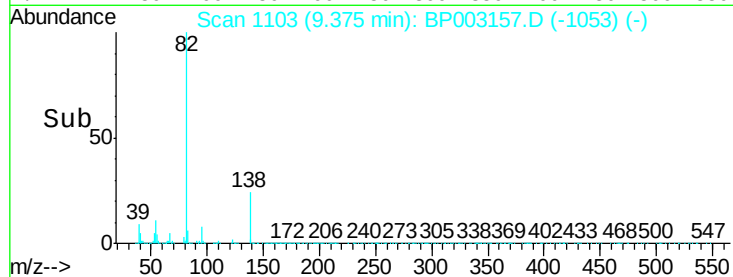
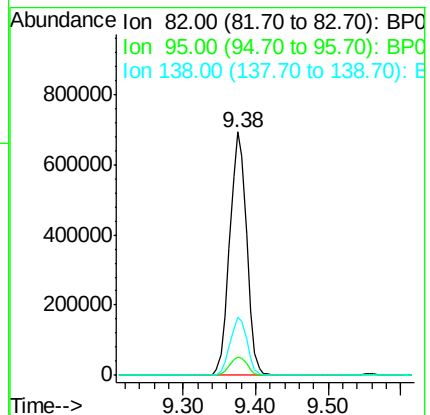
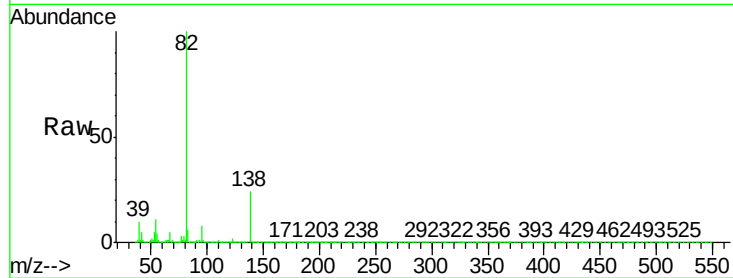
Tot Ion: 82 Resp: 1123314

Ion Ratio Lower Upper

82 100

95 7.8 6.0 9.0

138 23.7 19.1 28.7



#26

2-Nitrophenol

Concen: 49.815 ng

RT: 9.56 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BP003157.D

Acq: 28 Aug 2020 18:50

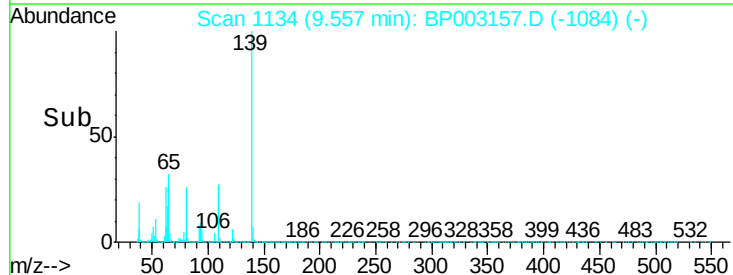
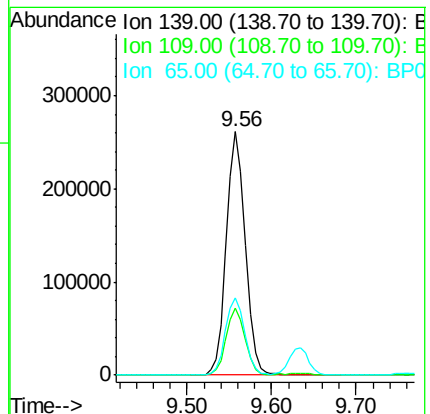
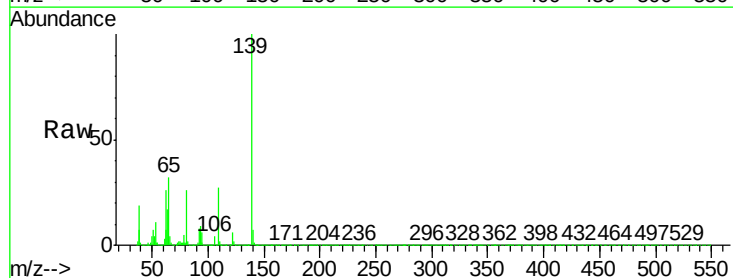
Tgt Ion: 139 Resp: 404417

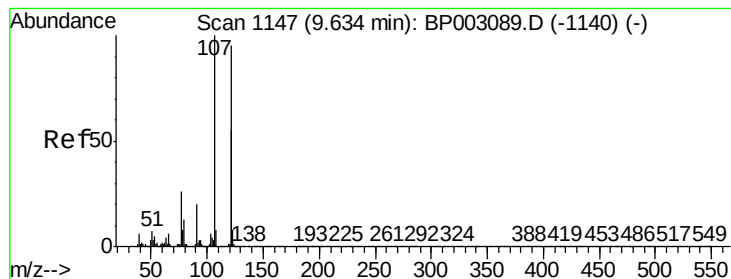
Ion Ratio Lower Upper

139 100

109 27.4 21.2 31.8

65 31.9 25.4 38.0





#27

2,4-Dimethylphenol

Concen: 54.341 ng

RT: 9.63 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BP003157.D

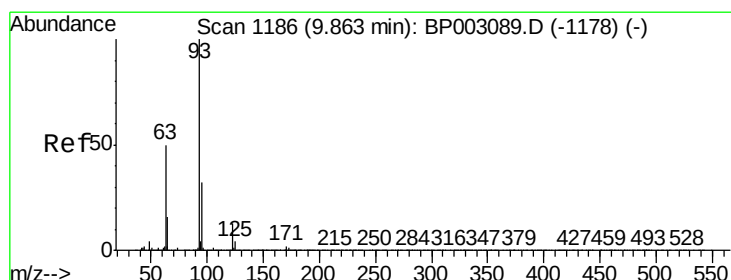
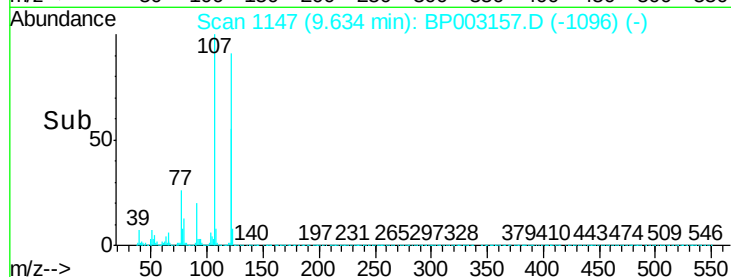
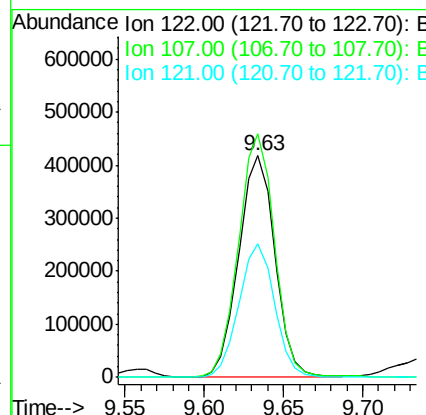
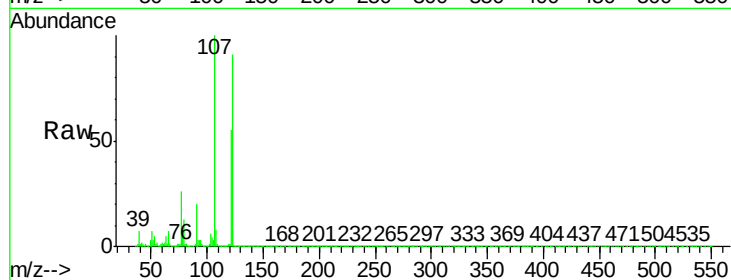
Acq: 28 Aug 2020 18:50

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	122	Resp:	663183
Ion	Ratio	Lower	Upper
122	100		
107	109.8	84.3	126.5
121	60.1	46.0	69.0



#28

bis(2-Chloroethoxy)methane

Concen: 40.450 ng

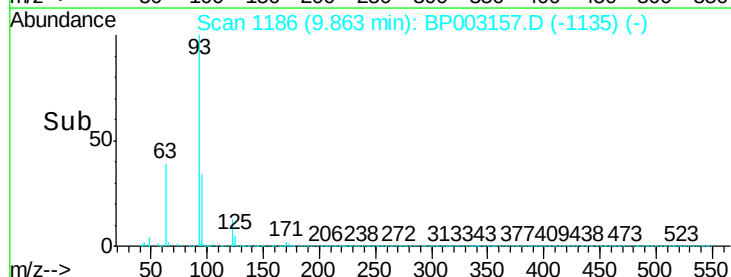
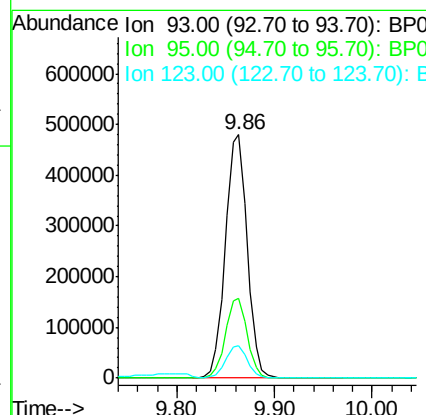
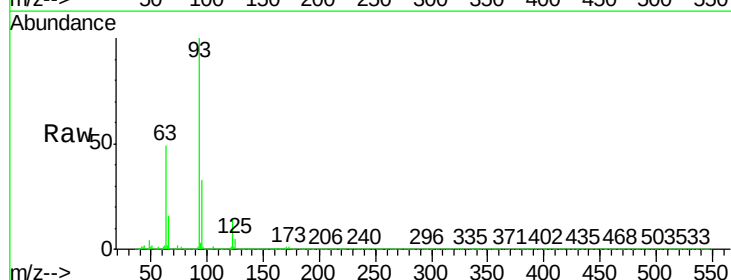
RT: 9.86 min Scan# 1186

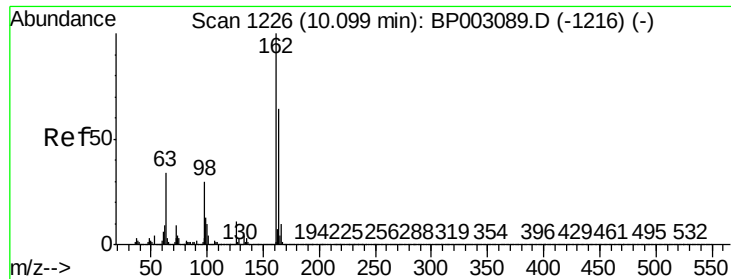
Delta R.T. 0.00 min

Lab File: BP003157.D

Acq: 28 Aug 2020 18:50

Tgt Ion:	93	Resp:	737171
Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.8	38.8
123	13.6	10.6	15.8

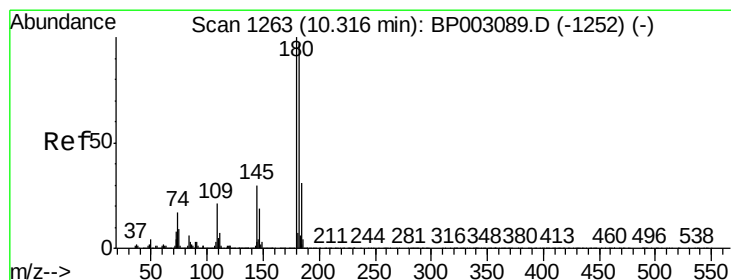
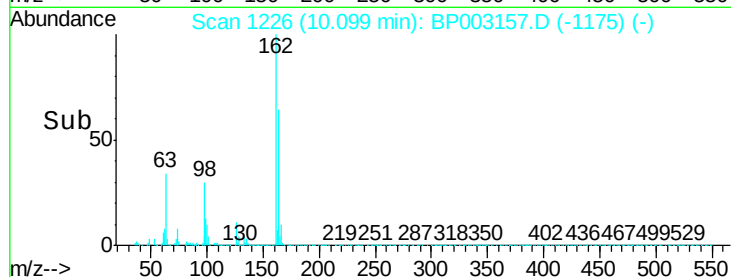
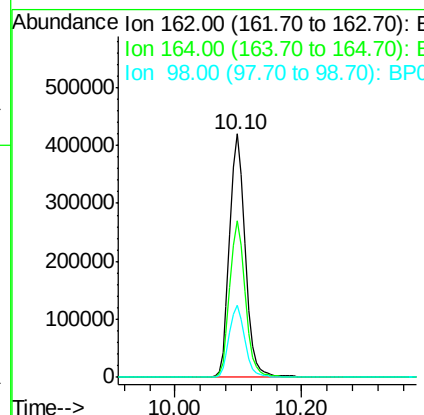
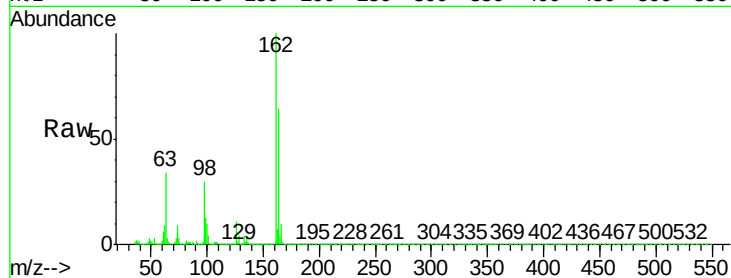




#29
 2,4-Dichlorophenol
 Concen: 47.588 ng
 RT: 10.10 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: BP003157.D
 Acq: 28 Aug 2020 18:50

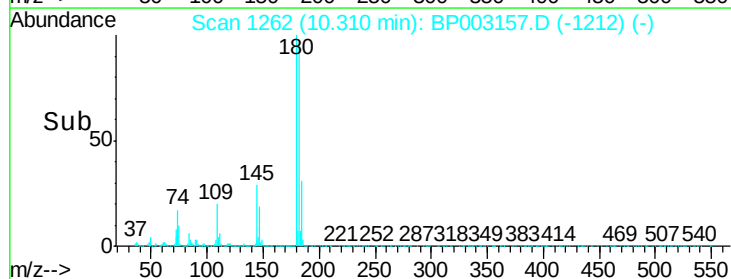
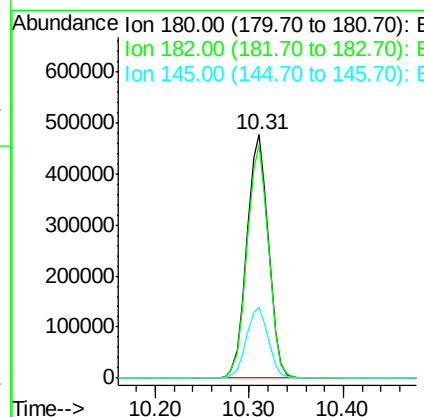
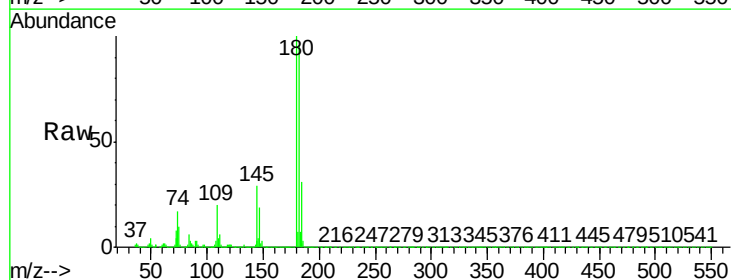
Instrument :
 BNA_P
 ClientSampled :

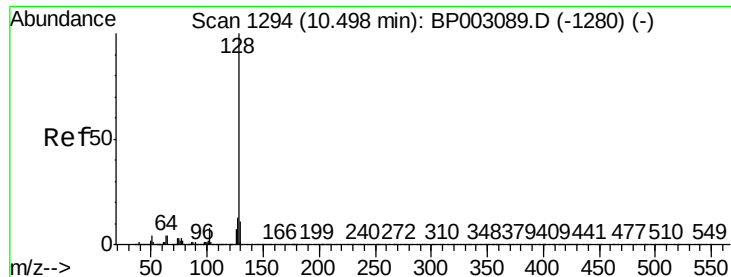
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	43.6	83.6
98	29.7	10.1	50.1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.951 ng
 RT: 10.31 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: BP003157.D
 Acq: 28 Aug 2020 18:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	77.6	116.4
145	29.3	23.7	35.5

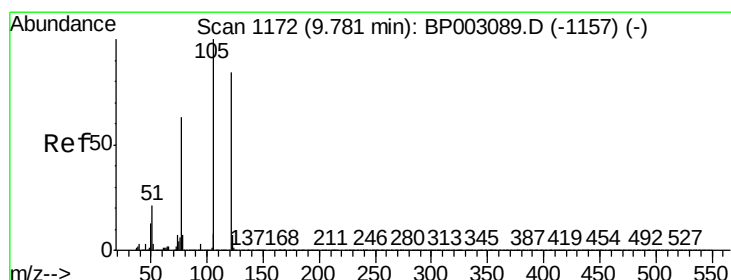
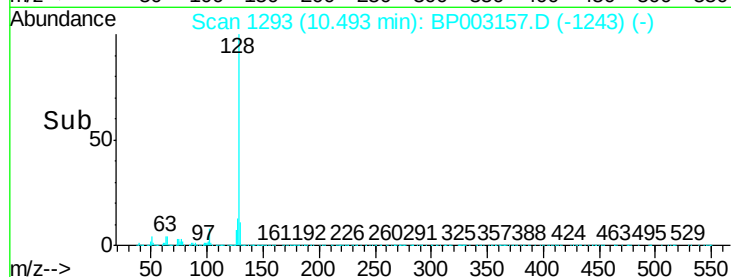
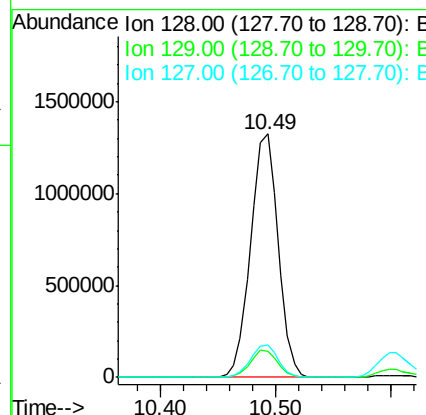
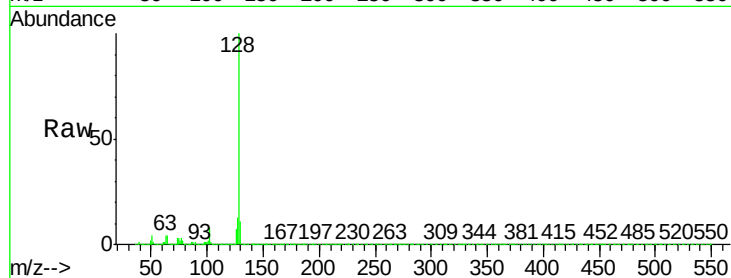




#31
Naphthalene
Concen: 42.929 ng
RT: 10.49 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BP003157.D
Acq: 28 Aug 2020 18:50

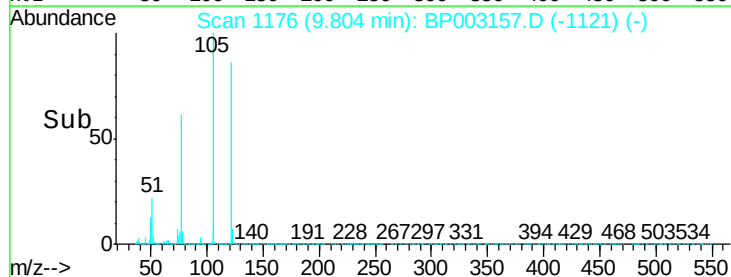
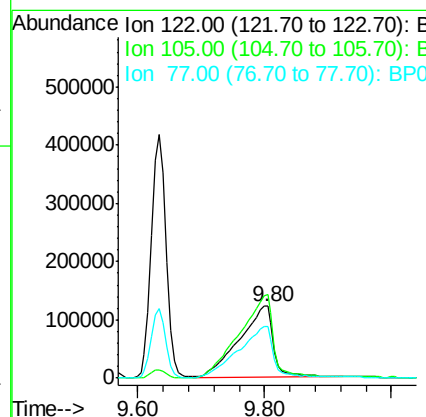
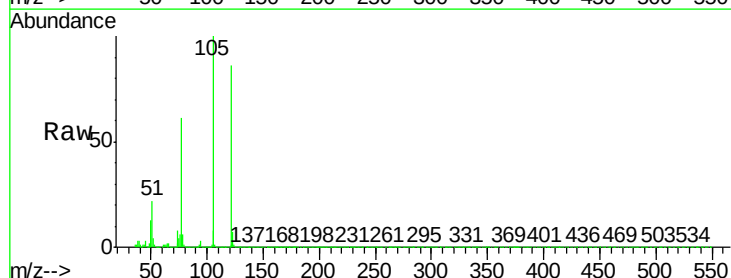
Instrument :
BNA_P
ClientSampleId :

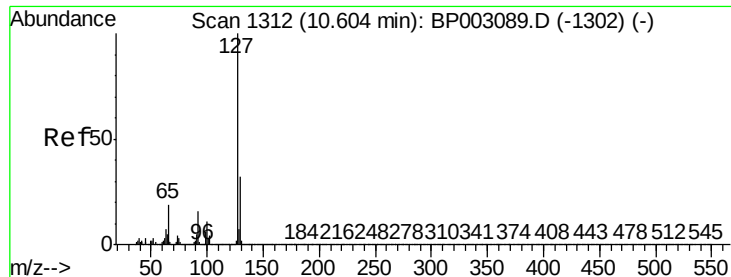
Tot Ion:128 Resp: 2204957
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.3 10.5 15.7



#32
Benzoic acid
Concen: 48.969 ng
RT: 9.80 min Scan# 1176
Delta R.T. 0.02 min
Lab File: BP003157.D
Acq: 28 Aug 2020 18:50

Tgt Ion:122 Resp: 464432
Ion Ratio Lower Upper
122 100
105 116.0 98.1 138.1
77 71.0 55.3 95.3

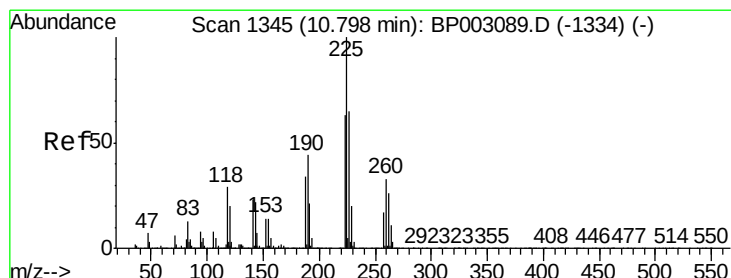
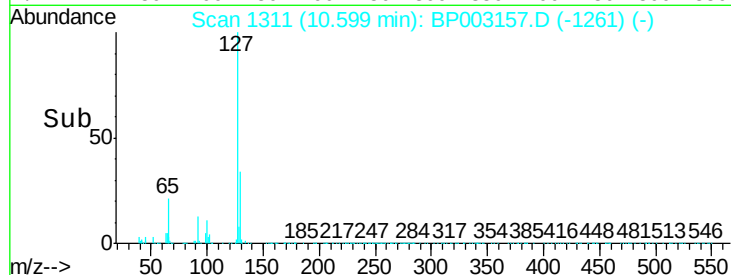
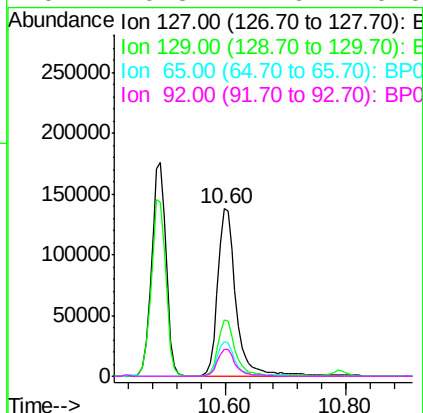
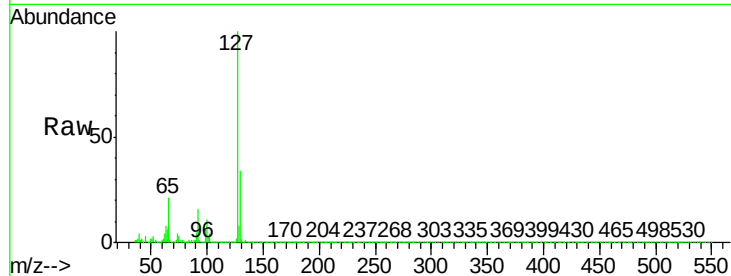




#33
4-Chloroaniline
Concen: 13.285 ng
RT: 10.60 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BP003157.D
Acq: 28 Aug 2020 18:50

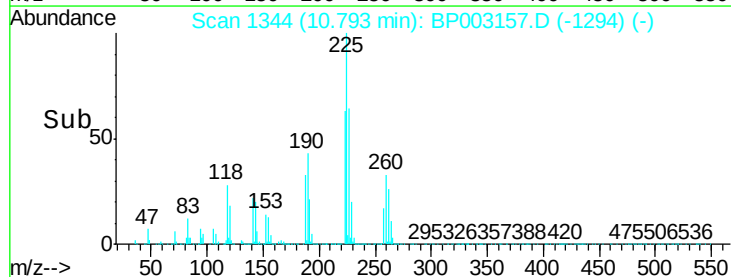
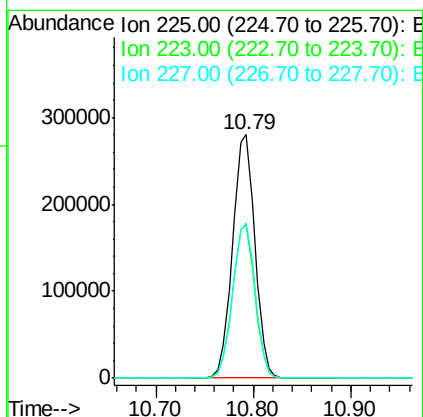
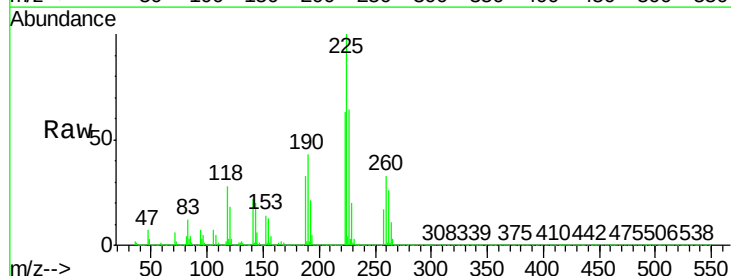
Instrument :
BNA_P
ClientSampleId :

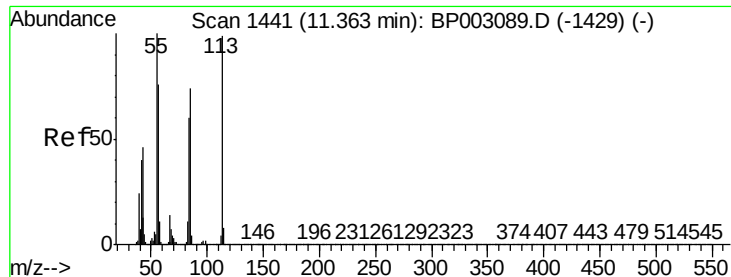
Tot Ion:	127	Resp:	285112
Ion	Ratio	Lower	Upper
127	100		
129	33.6	25.4	38.0
65	21.0	15.5	23.3
92	16.3	12.6	19.0



#34
Hexachlorobutadiene
Concen: 41.061 ng
RT: 10.79 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BP003157.D
Acq: 28 Aug 2020 18:50

Tgt Ion:	225	Resp:	444269
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	76.0
227	63.7	52.0	78.0





#35

Caprolactam

Concen: 48.968 ng

RT: 11.37 min Scan# 1443

Delta R.T. 0.01 min

Lab File: BP003157.D

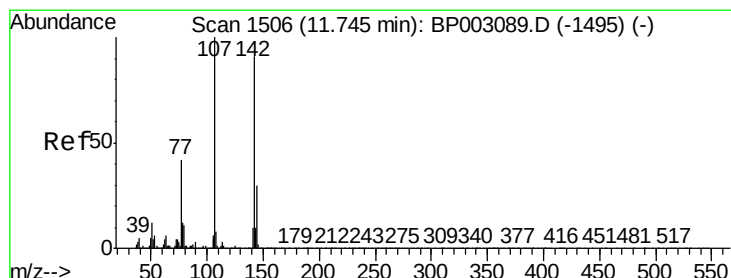
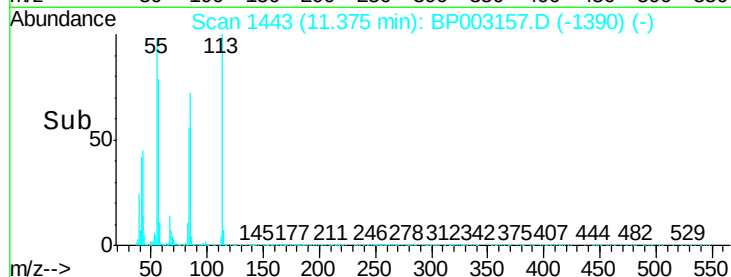
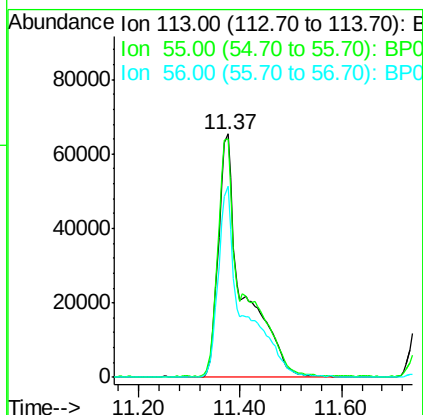
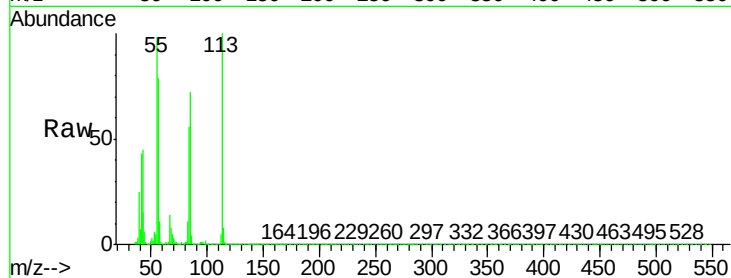
Acq: 28 Aug 2020 18:50

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	113	Resp:	222806
Ion	Ratio	Lower	Upper
113	100		
55	98.0	81.3	121.3
56	78.7	56.4	96.4



#36

4-Chloro-3-methylphenol

Concen: 47.829 ng

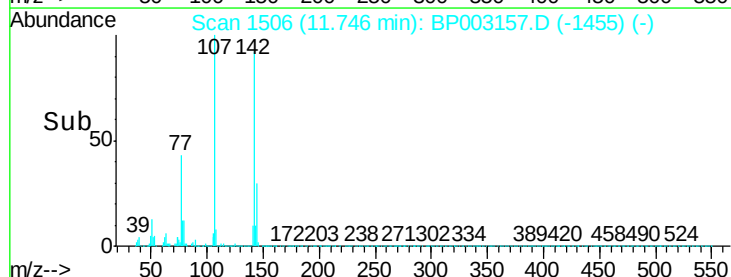
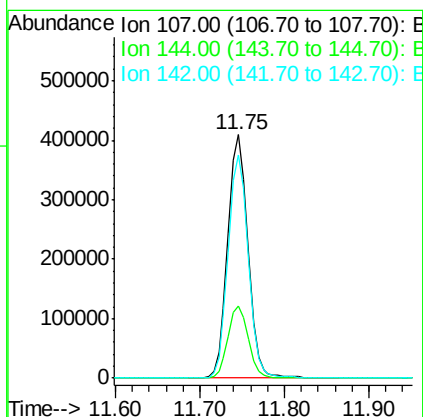
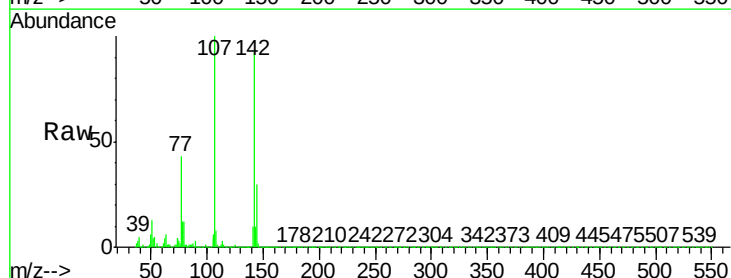
RT: 11.75 min Scan# 1506

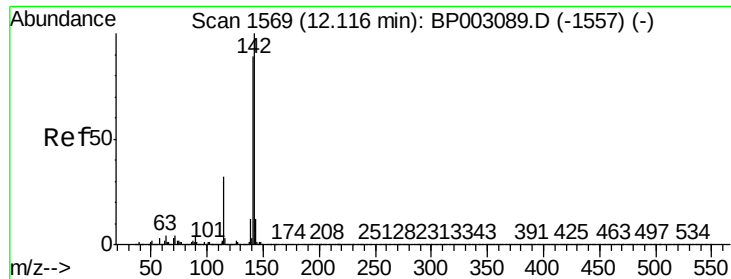
Delta R.T. 0.00 min

Lab File: BP003157.D

Acq: 28 Aug 2020 18:50

Tgt Ion:	107	Resp:	676179
Ion	Ratio	Lower	Upper
107	100		
144	29.5	24.2	36.4
142	91.7	73.0	109.6



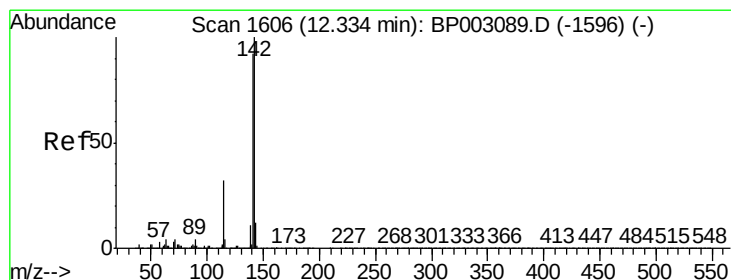
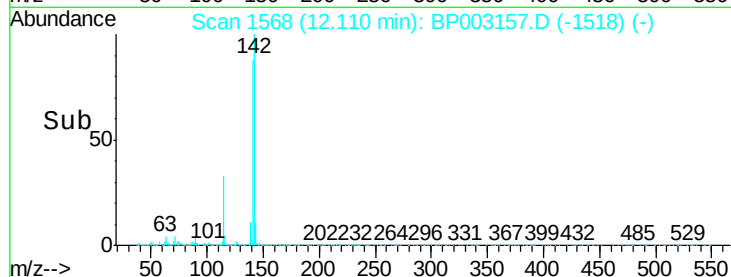
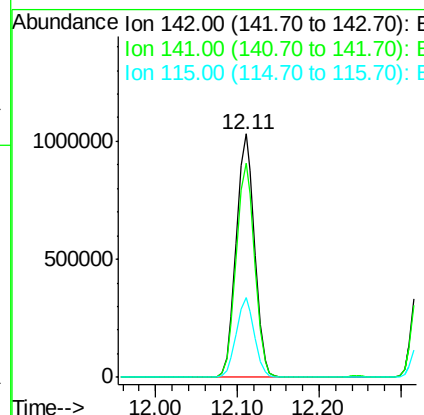
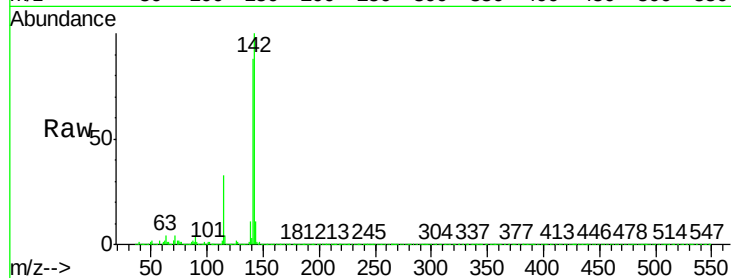


#37
 2-Methylnaphthalene
 Concen: 44.082 ng
 RT: 12.11 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BP003157.D
 Acq: 28 Aug 2020 18:50

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:142 Resp: 1619677

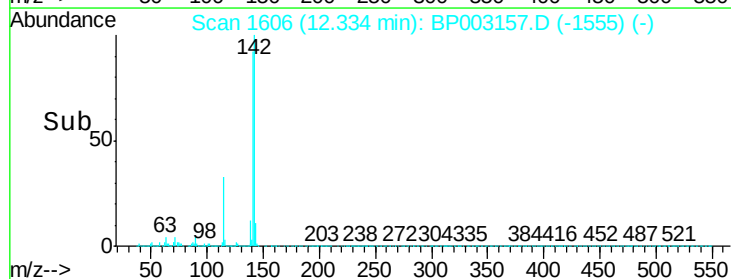
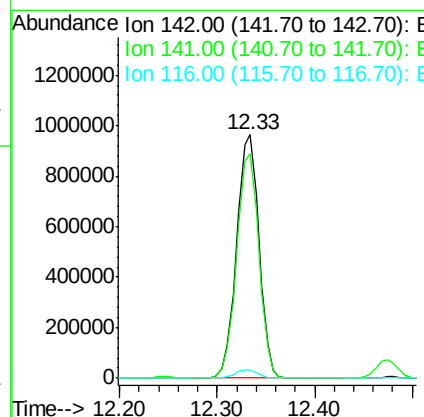
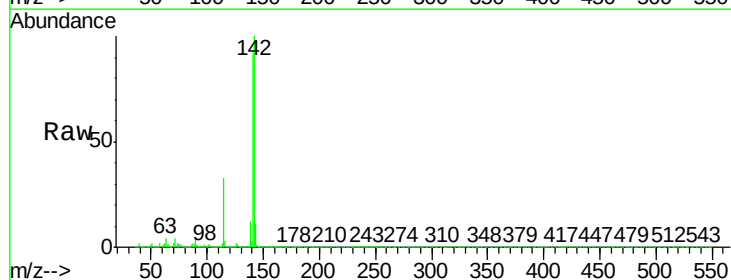
Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.1	106.7
115	32.8	25.2	37.8

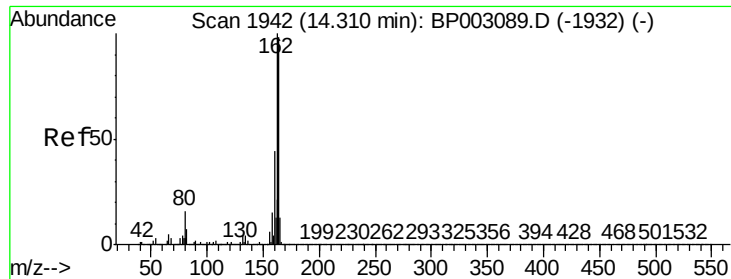


#38
 1-Methylnaphthalene
 Concen: 43.824 ng
 RT: 12.33 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BP003157.D
 Acq: 28 Aug 2020 18:50

Tgt Ion:142 Resp: 1530462

Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.8	110.8
116	3.4	2.8	4.2

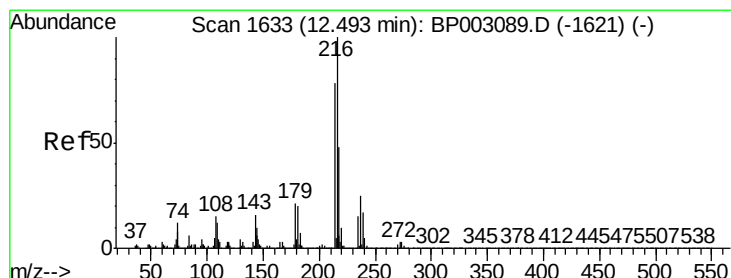
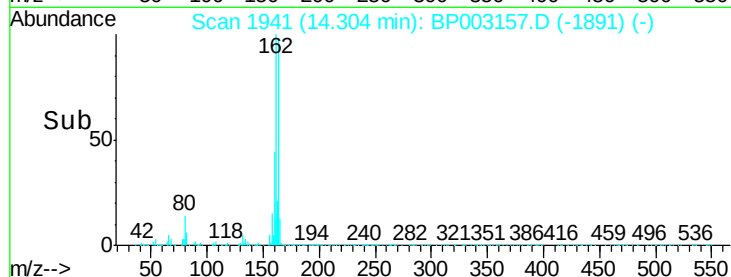
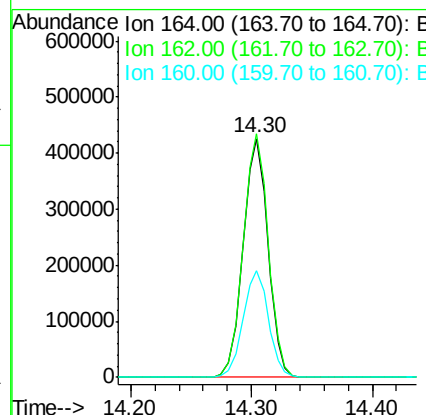
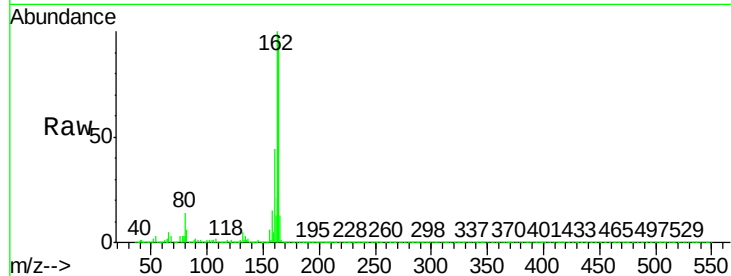




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.30 min Scan# 1941
 Delta R.T. -0.01 min
 Lab File: BP003157.D
 Acq: 28 Aug 2020 18:50

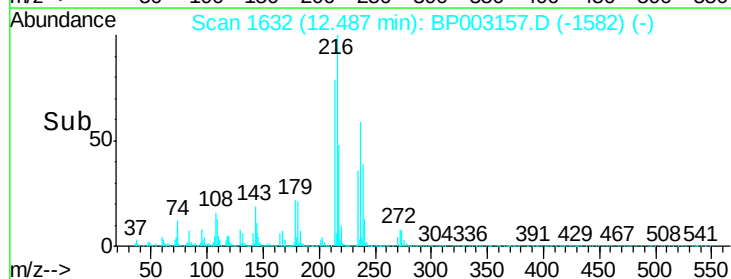
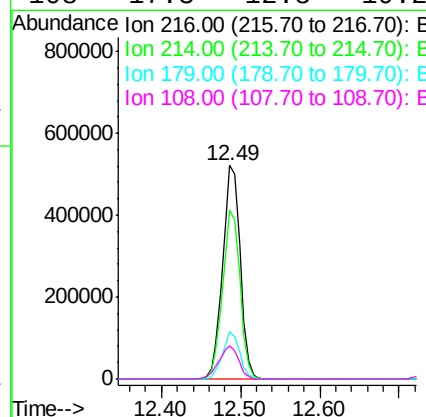
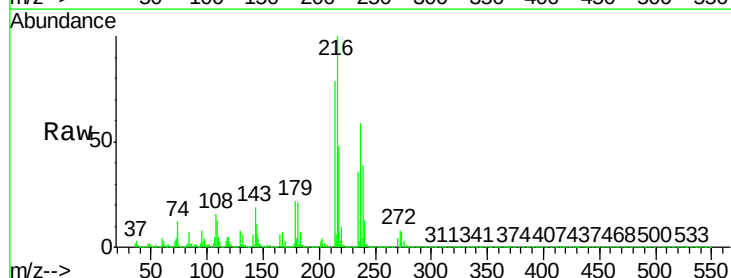
Instrument :
 BNA_P
 ClientSampleID :

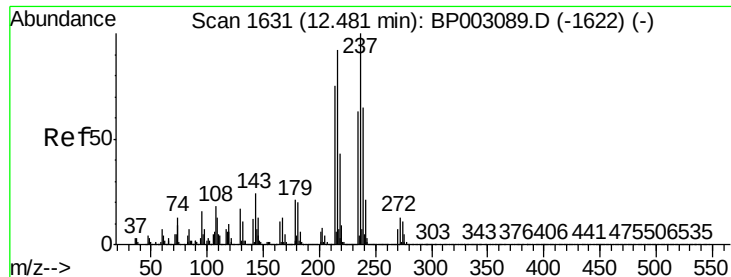
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.2	121.8
160	44.6	36.0	54.0



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.158 ng
 RT: 12.49 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: BP003157.D
 Acq: 28 Aug 2020 18:50

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.4	93.6
179	21.4	16.9	25.3
108	17.3	12.8	19.2

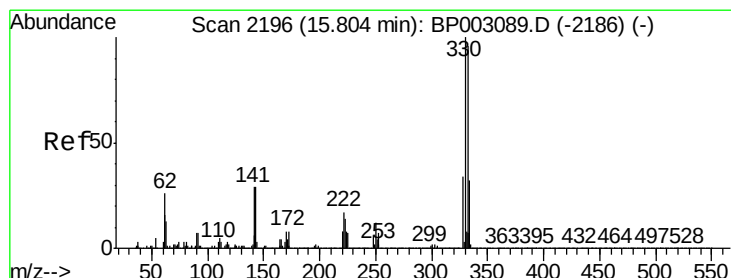
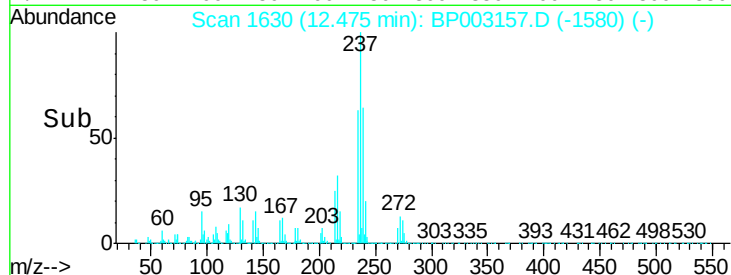
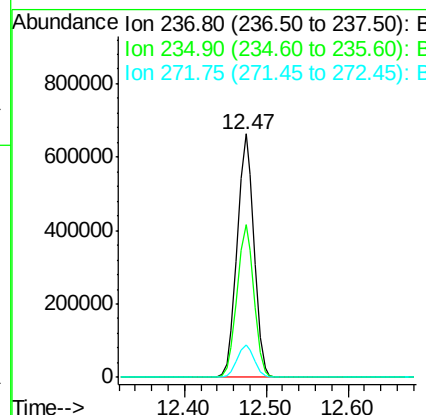
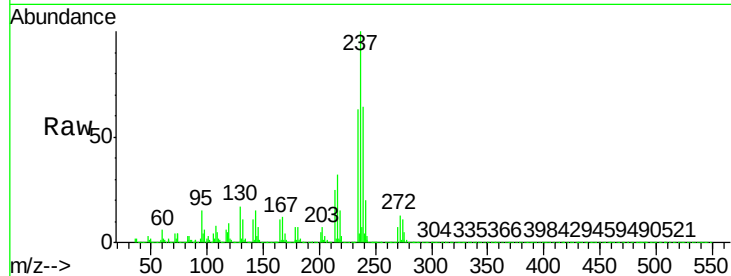




#41
Hexachlorocyclopentadiene
Concen: 111.057 ng
RT: 12.47 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BP003157.D
Acq: 28 Aug 2020 18:50

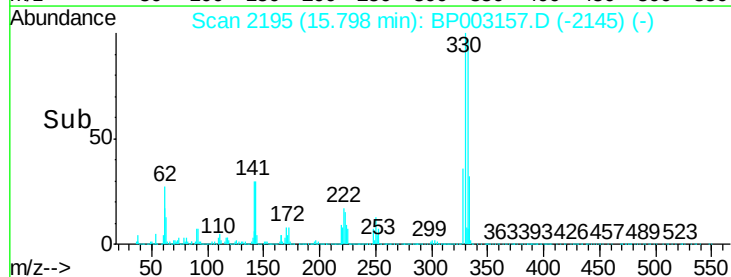
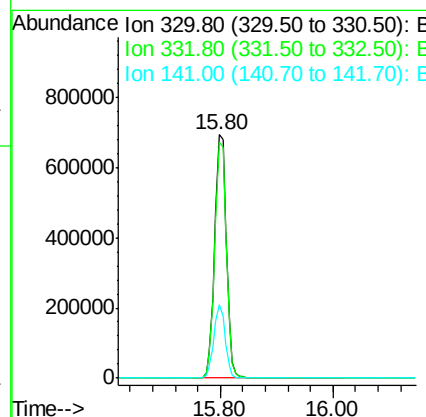
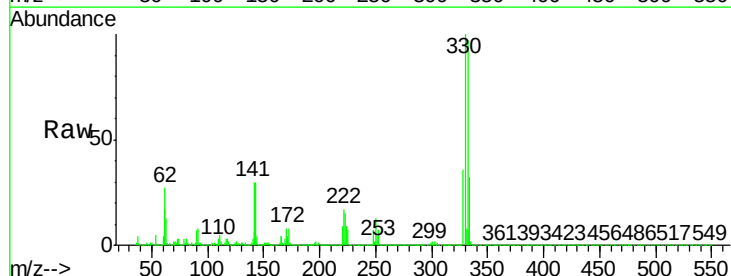
Instrument :
BNA_P
ClientSampleId :

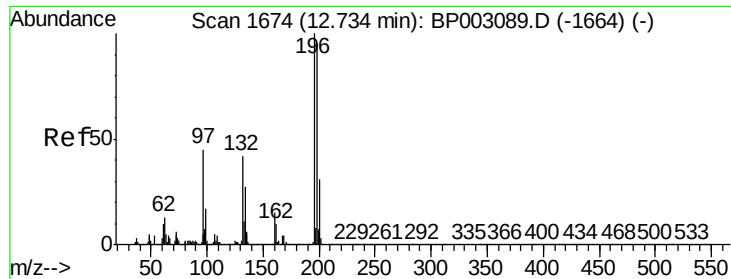
Tot Ion	Ratio	Lower	Upper
237	100		
235	62.5	43.0	83.0
272	13.4	0.0	33.2



#42
2,4,6-Tribromophenol
Concen: 121.329 ng
RT: 15.80 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BP003157.D
Acq: 28 Aug 2020 18:50

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.3	115.9
141	29.0	24.4	36.6

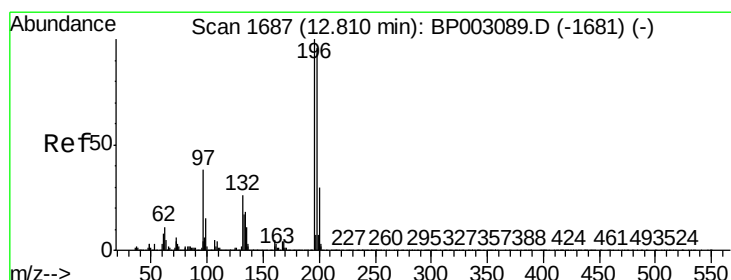
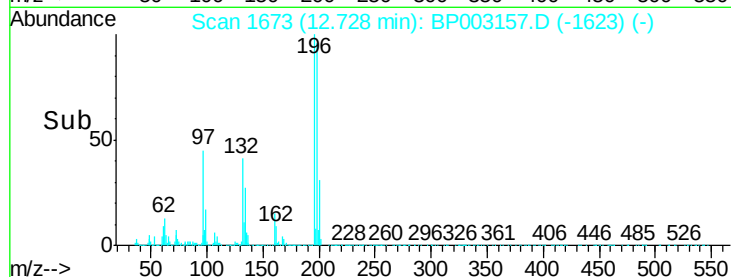
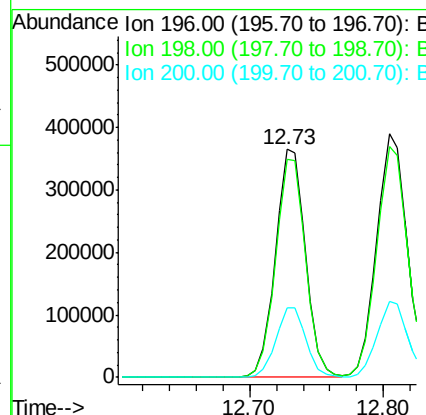
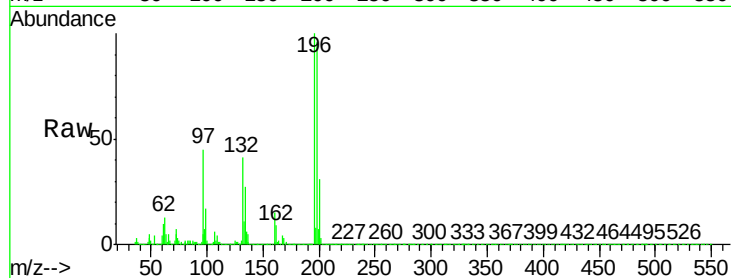




#43
2,4,6-Trichlorophenol
Concen: 47.922 ng
RT: 12.73 min Scan# 1673
Delta R.T. -0.01 min
Lab File: BP003157.D
Acq: 28 Aug 2020 18:50

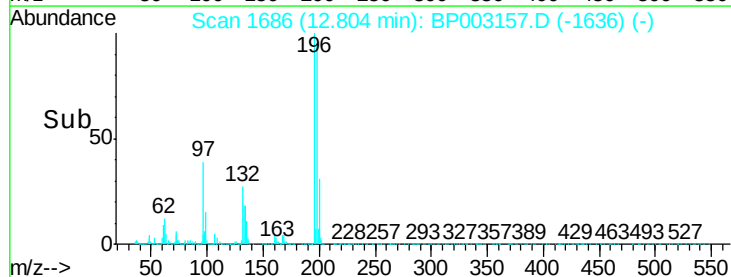
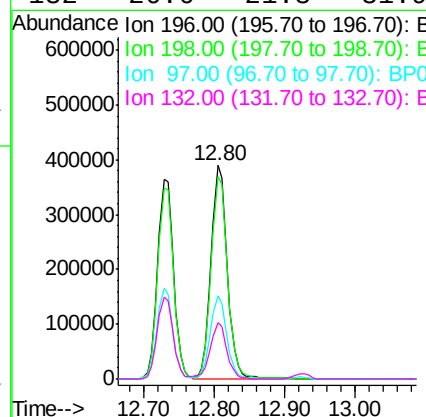
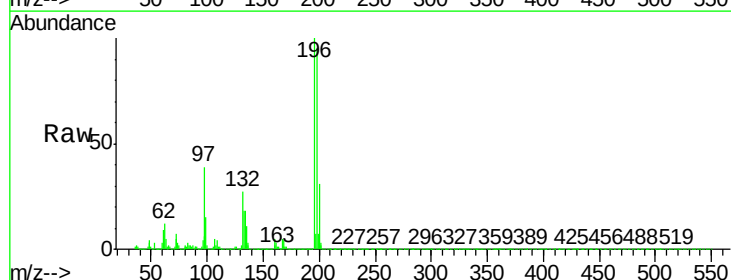
Instrument :
BNA_P
ClientSampled :

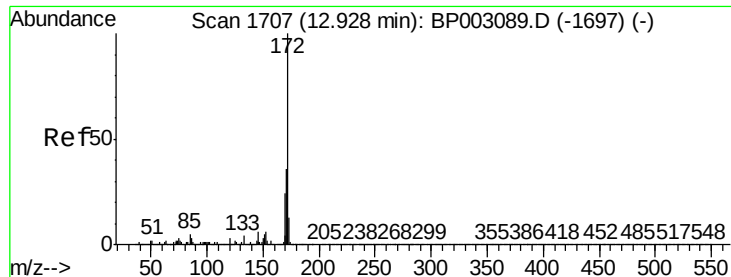
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.7	75.8	113.6
200	30.6	24.6	37.0



#44
2,4,5-Trichlorophenol
Concen: 49.651 ng
RT: 12.80 min Scan# 1686
Delta R.T. -0.01 min
Lab File: BP003157.D
Acq: 28 Aug 2020 18:50

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.9	76.6	115.0
97	39.2	30.3	45.5
132	26.6	21.3	31.9

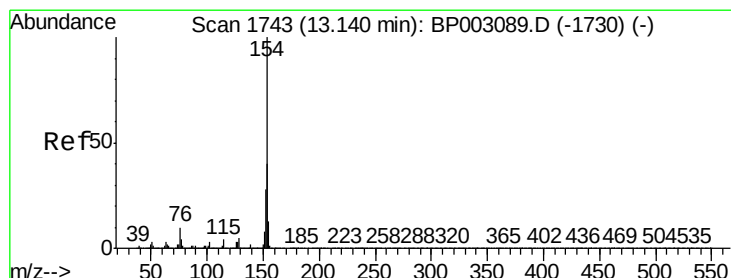
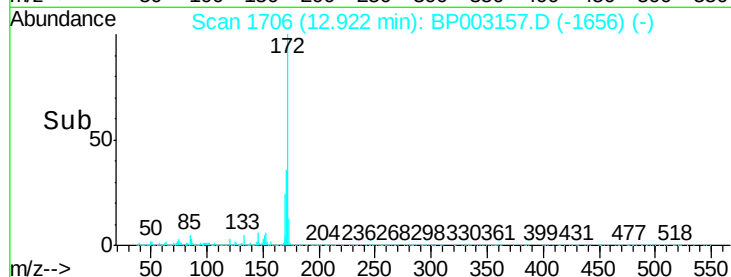
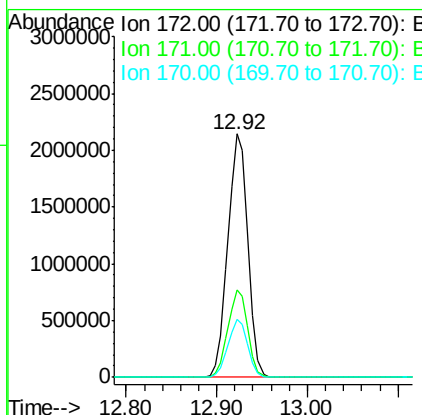
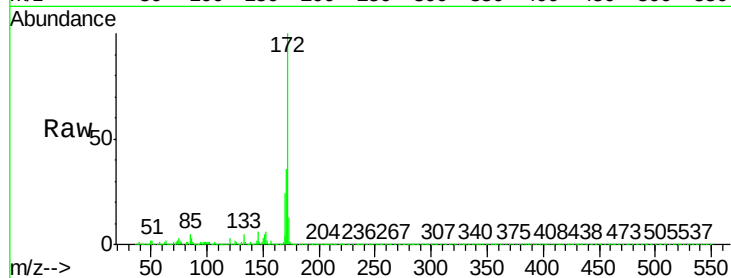




#45
2-Fluorobiphenyl
Concen: 78.555 ng
RT: 12.92 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP003157.D
Acq: 28 Aug 2020 18:50

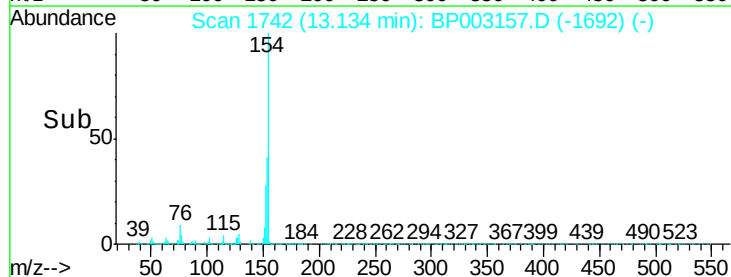
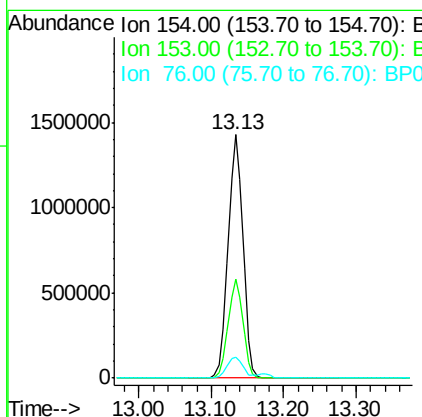
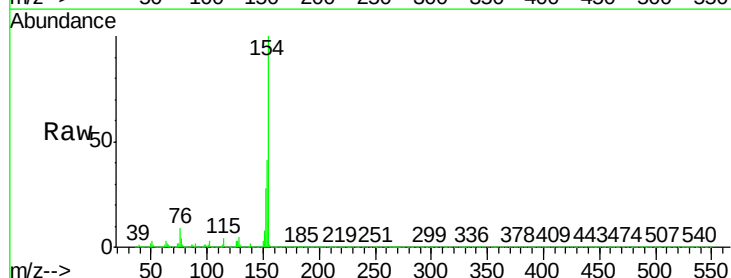
Instrument :
BNA_P
ClientSampleId :

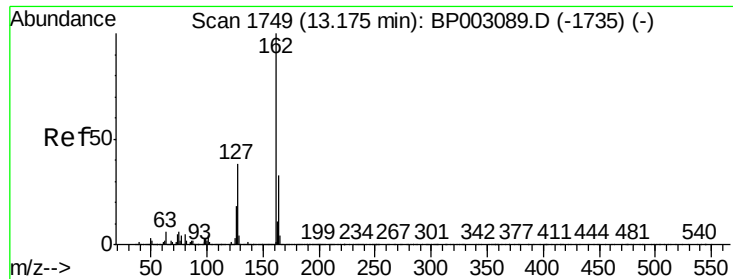
Tot Ion:172 Resp: 3284928
Ion Ratio Lower Upper
172 100
171 35.9 28.7 43.1
170 23.7 19.0 28.4



#46
1,1'-Biphenyl
Concen: 44.329 ng
RT: 13.13 min Scan# 1742
Delta R.T. -0.01 min
Lab File: BP003157.D
Acq: 28 Aug 2020 18:50

Tgt Ion:154 Resp: 2036208
Ion Ratio Lower Upper
154 100
153 40.6 20.3 60.3
76 8.7 0.0 29.7

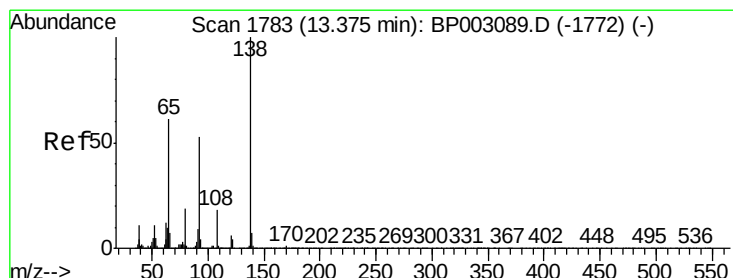
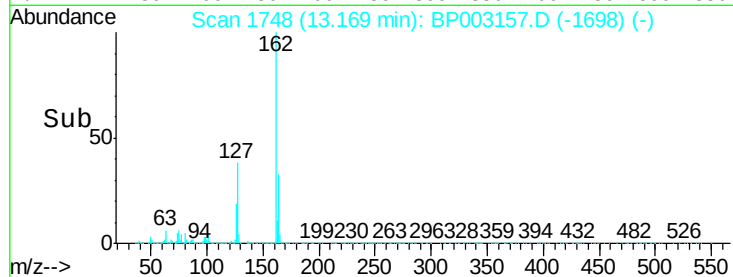
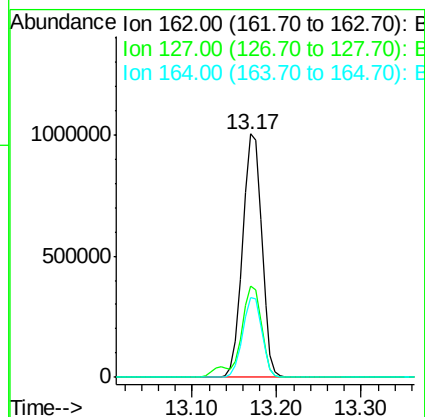
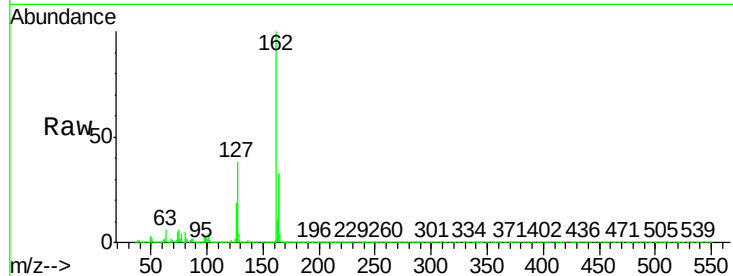




#47
2-Chloronaphthalene
Concen: 41.516 ng
RT: 13.17 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BP003157.D
Acq: 28 Aug 2020 18:50

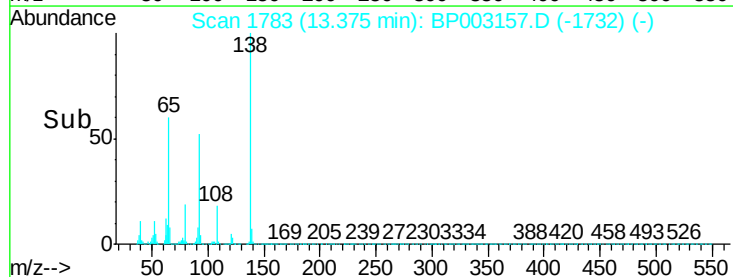
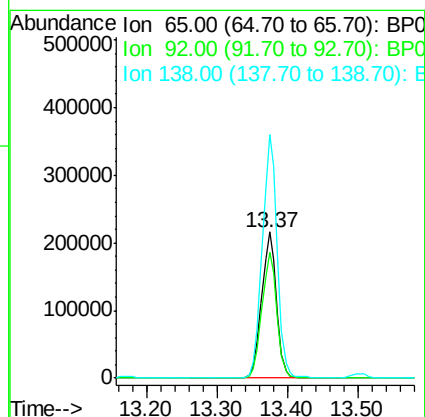
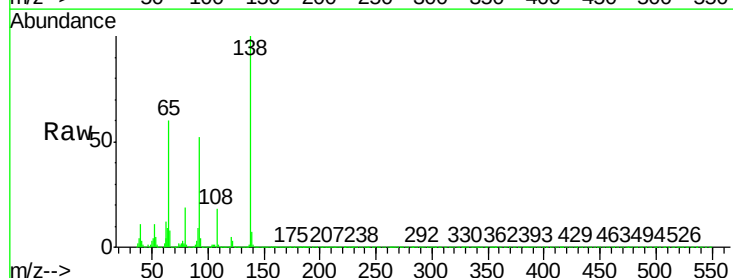
Instrument :
BNA_P
ClientSampleId :

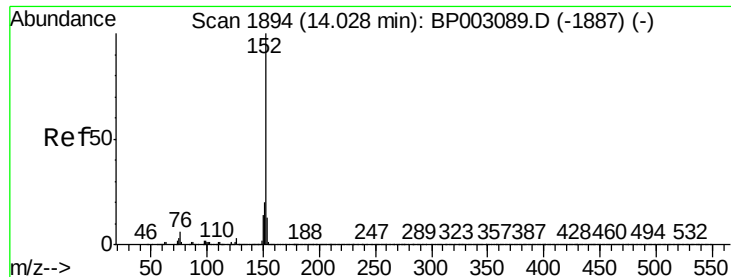
Tot Ion:162 Resp: 1561013
Ion Ratio Lower Upper
162 100
127 37.8 30.6 45.8
164 32.8 26.3 39.5



#48
2-Nitroaniline
Concen: 45.466 ng
RT: 13.37 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BP003157.D
Acq: 28 Aug 2020 18:50

Tgt Ion: 65 Resp: 320078
Ion Ratio Lower Upper
65 100
92 85.9 70.2 105.4
138 166.5 131.7 197.5





#49

Acenaphthylene

Concen: 45.205 ng

RT: 14.02 min Scan# 1893

Delta R.T. -0.01 min

Lab File: BP003157.D

Acq: 28 Aug 2020 18:50

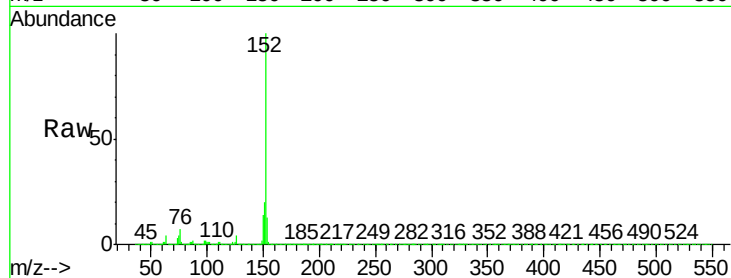
Instrument :

BNA_P

ClientSampleId :

Tot Ion:152 Resp: 2570160

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	13.1	10.5	15.7

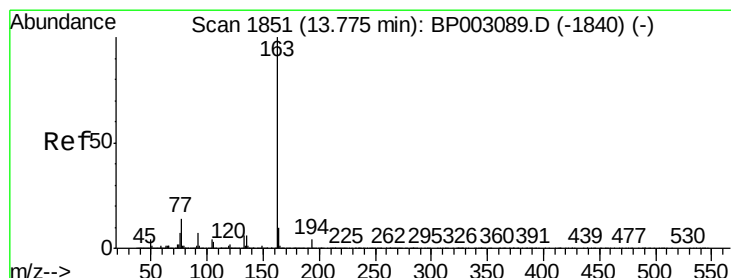
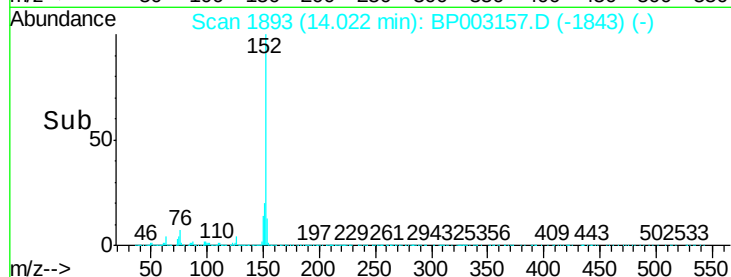
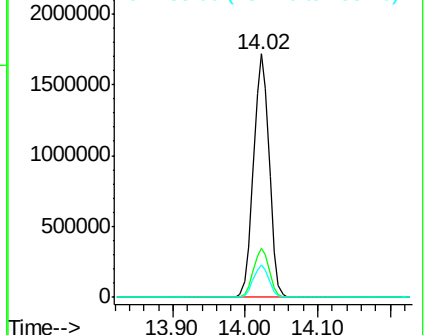


Abundance

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: 48.945 ng

RT: 13.77 min Scan# 1850

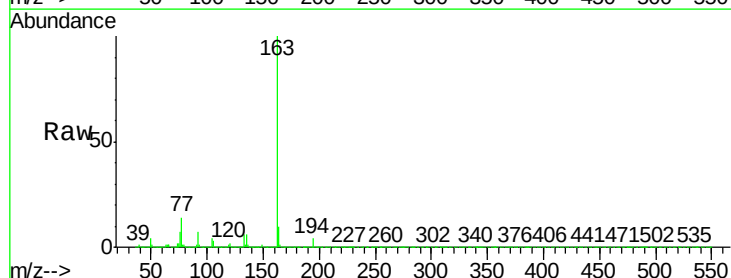
Delta R.T. -0.01 min

Lab File: BP003157.D

Acq: 28 Aug 2020 18:50

Tgt Ion:163 Resp: 2285749

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.1	8.1	12.1

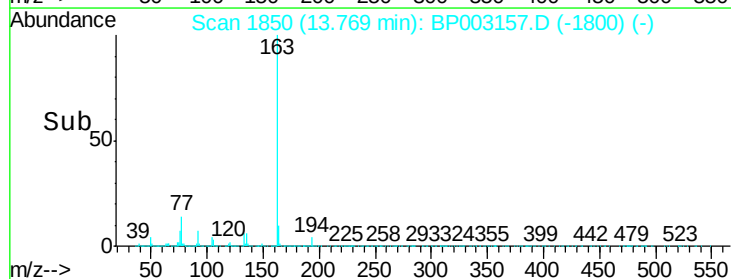
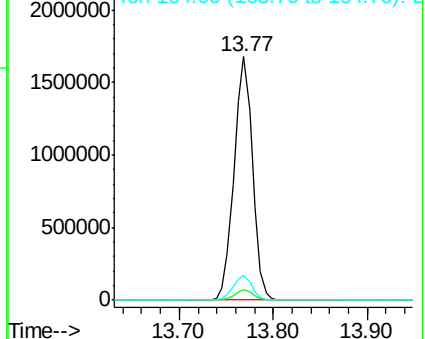


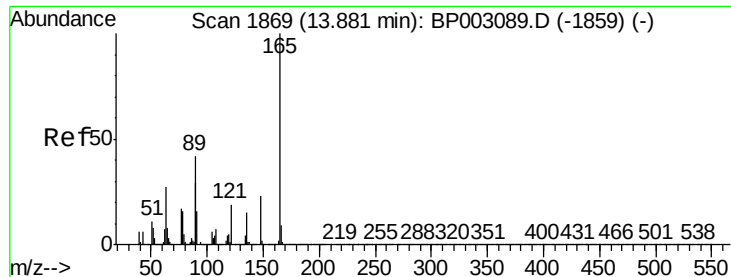
Abundance

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

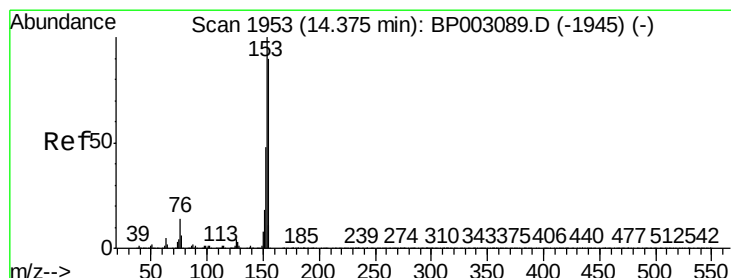
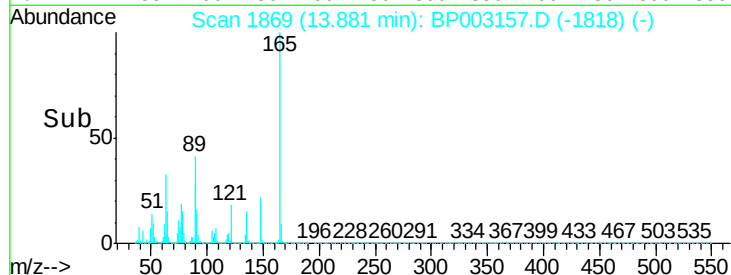
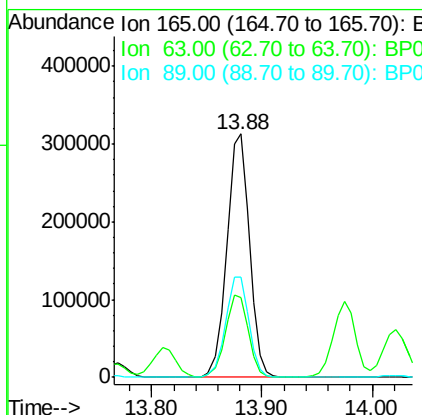
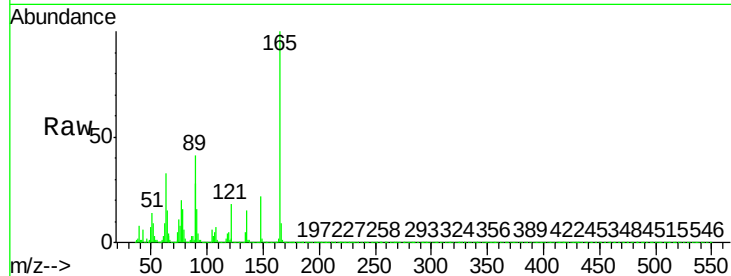




#51
2,6-Dinitrotoluene
Concen: 46.265 ng
RT: 13.88 min Scan# 1869
Delta R.T. 0.00 min
Lab File: BP003157.D
Acq: 28 Aug 2020 18:50

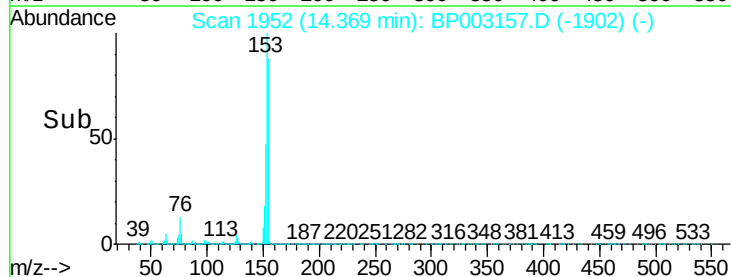
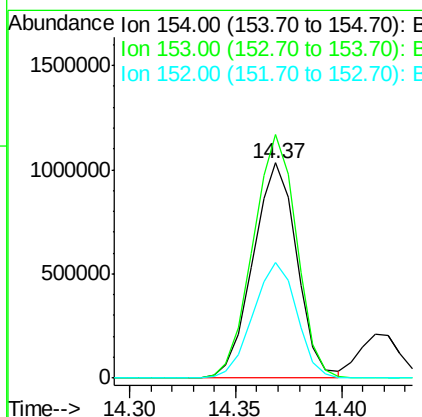
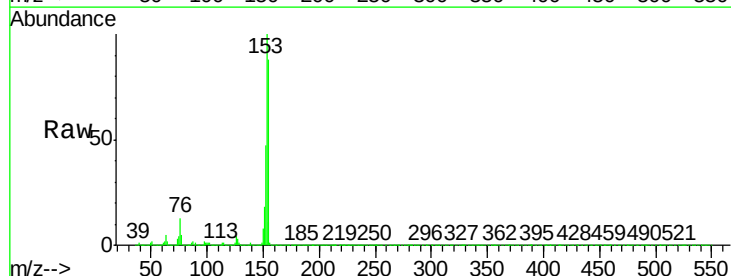
Instrument :
BNA_P
ClientSampleId :

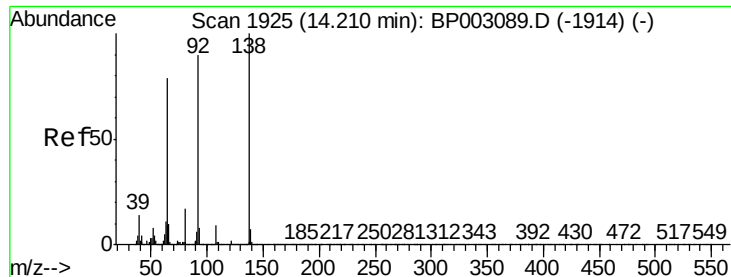
Tot Ion	Ratio	Lower	Upper
165	100		
63	32.6	27.5	41.3
89	41.3	33.6	50.4



#52
Acenaphthene
Concen: 42.841 ng
RT: 14.37 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BP003157.D
Acq: 28 Aug 2020 18:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.1	89.2	133.8
152	53.6	42.5	63.7

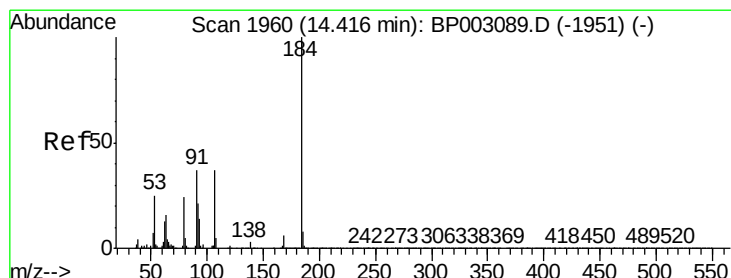
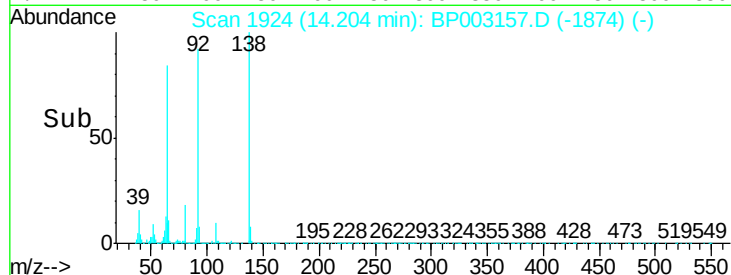
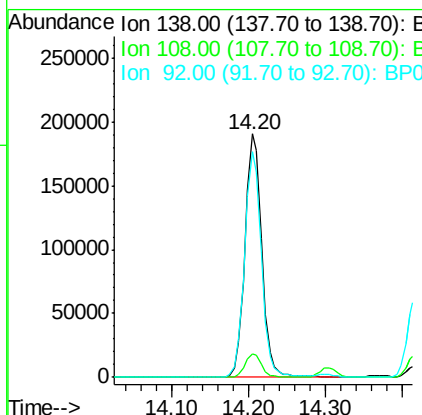
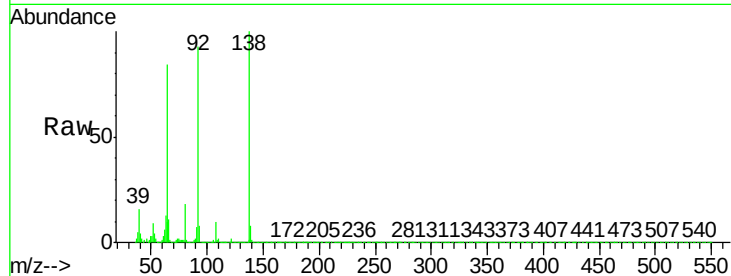




#53
3-Nitroaniline
Concen: 26.640 ng
RT: 14.20 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BP003157.D
Acq: 28 Aug 2020 18:50

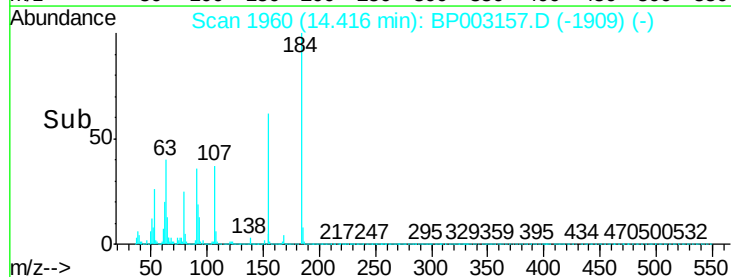
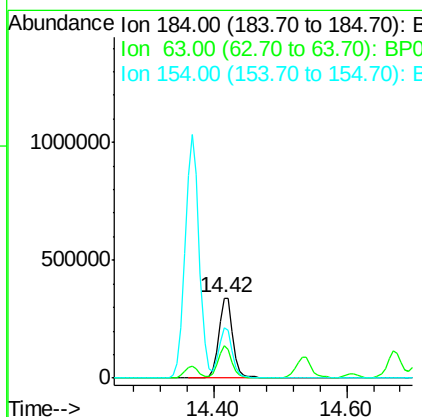
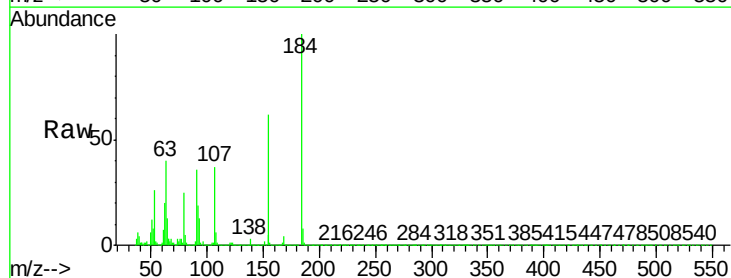
Instrument :
BNA_P
ClientSampleId :

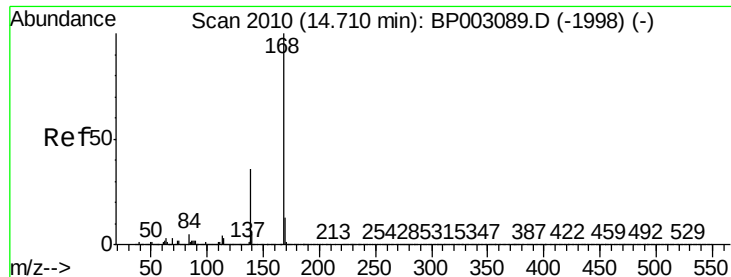
Tot Ion:138 Resp: 292948
Ion Ratio Lower Upper
138 100
108 9.8 7.4 11.0
92 92.5 72.2 108.2



#54
2,4-Dinitrophenol
Concen: 95.145 ng
RT: 14.42 min Scan# 1960
Delta R.T. 0.00 min
Lab File: BP003157.D
Acq: 28 Aug 2020 18:50

Tgt Ion:184 Resp: 513083
Ion Ratio Lower Upper
184 100
63 39.9 32.0 48.0
154 62.3 48.2 72.2





#55

Dibenzofuran

Concen: 42.928 ng

RT: 14.70 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BP003157.D

Acq: 28 Aug 2020 18:50

Instrument :

BNA_P

ClientSampleId :

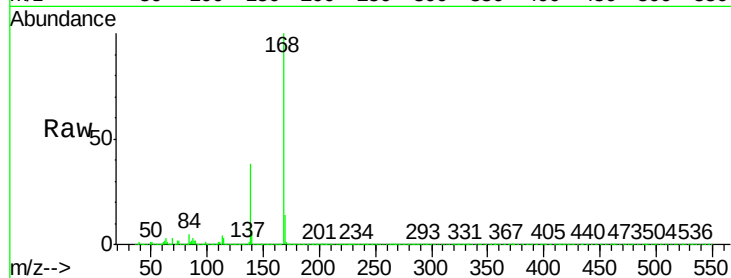
Tot Ion:168 Resp: 2354860

Ion	Ratio	Lower	Upper
168	100		
139	37.7	29.3	43.9
169	13.6	10.6	15.8

168 100

139 37.7 29.3 43.9

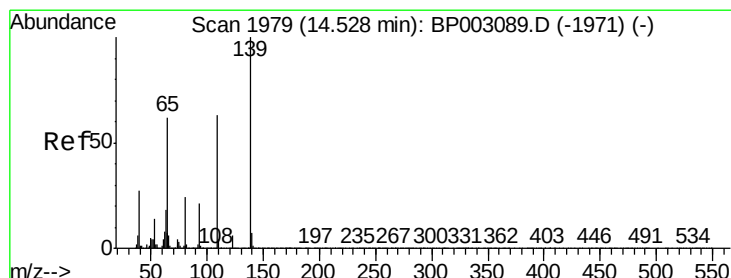
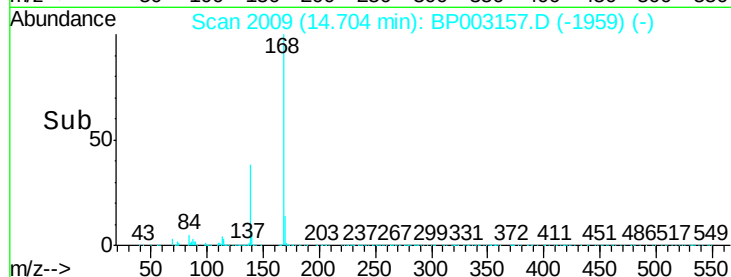
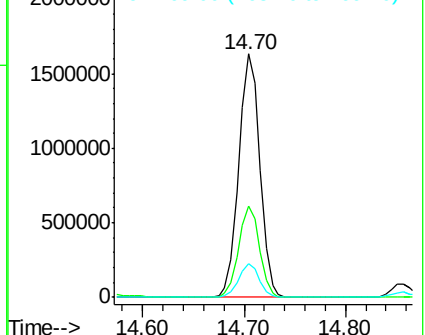
169 13.6 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 104.319 ng

RT: 14.54 min Scan# 1981

Delta R.T. 0.01 min

Lab File: BP003157.D

Acq: 28 Aug 2020 18:50

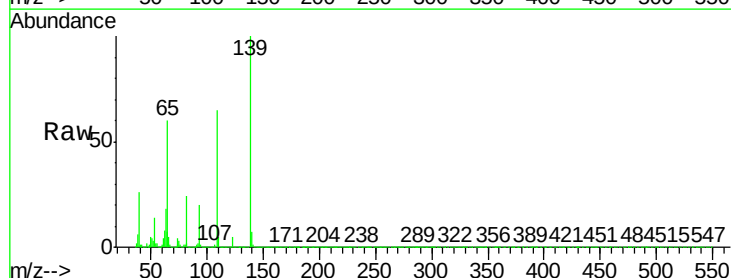
Tgt Ion:139 Resp: 825293

Ion	Ratio	Lower	Upper
139	100		
109	65.3	42.8	82.8
65	59.5	41.7	81.7

139 100

109 65.3 42.8 82.8

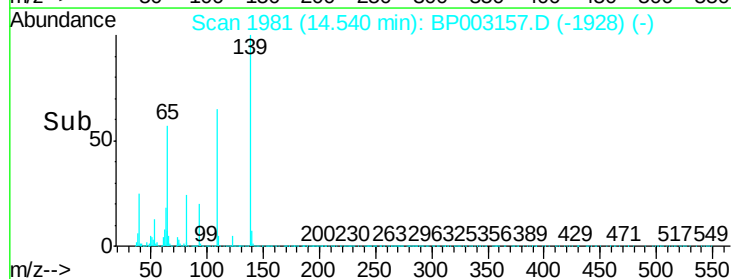
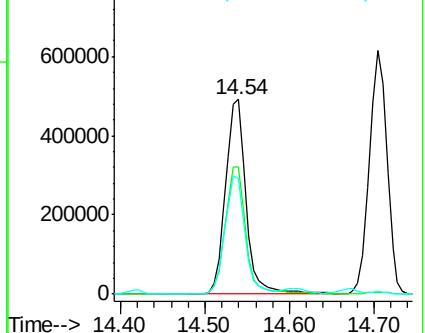
65 59.5 41.7 81.7

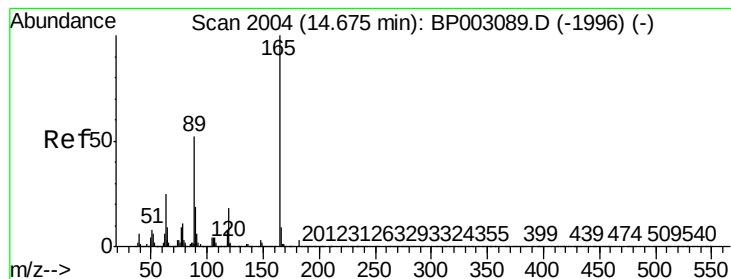


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0





#57

2,4-Dinitrotoluene

Concen: 47.282 ng

RT: 14.67 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BP003157.D

Acq: 28 Aug 2020 18:50

Instrument :

BNA_P

ClientSampleId :

Tot Ion:165 Resp: 617044

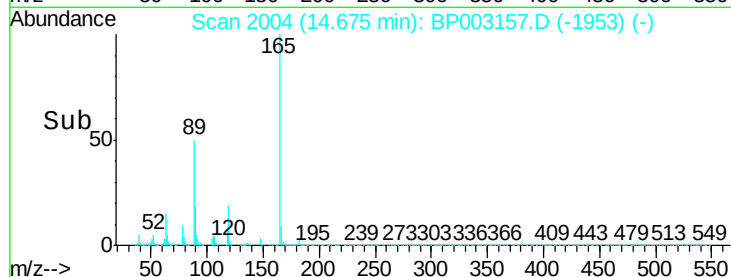
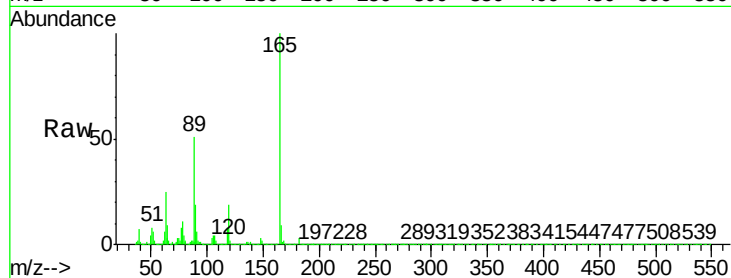
Ion Ratio Lower Upper

165 100

63 25.0 20.3 30.5

89 51.2 42.0 63.0

182 2.9 2.3 3.5

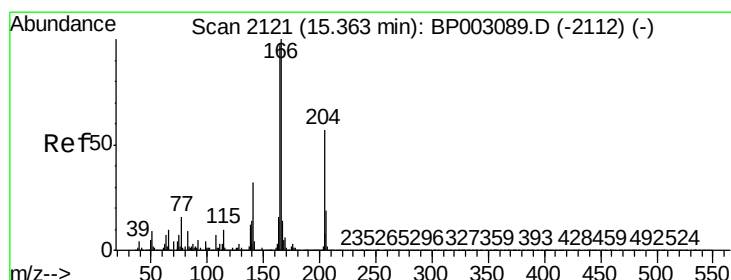
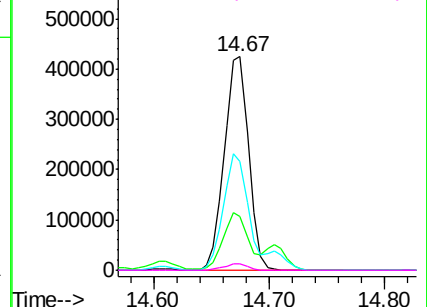


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 42.804 ng

RT: 15.36 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BP003157.D

Acq: 28 Aug 2020 18:50

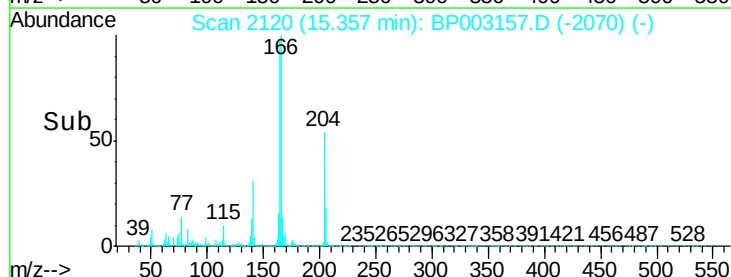
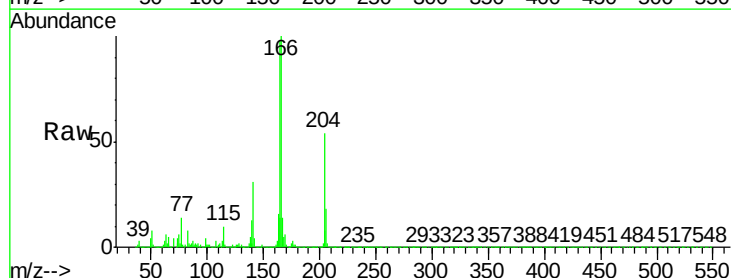
Tgt Ion:166 Resp: 1808745

Ion Ratio Lower Upper

166 100

165 98.2 78.3 117.5

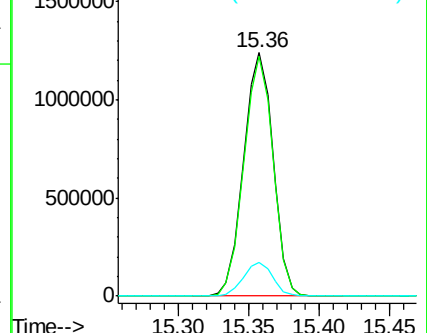
167 13.7 11.0 16.4

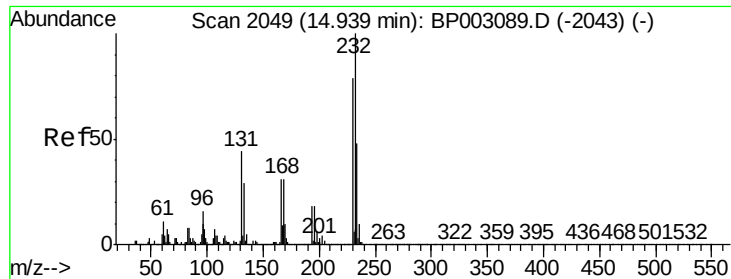


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

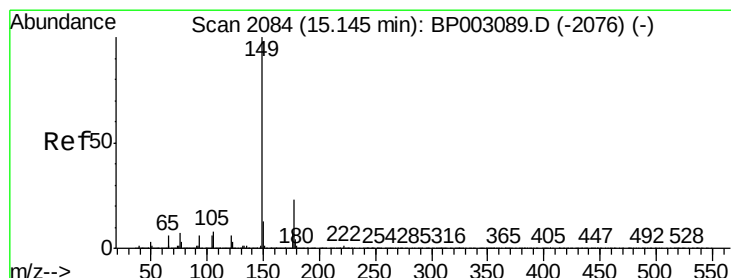
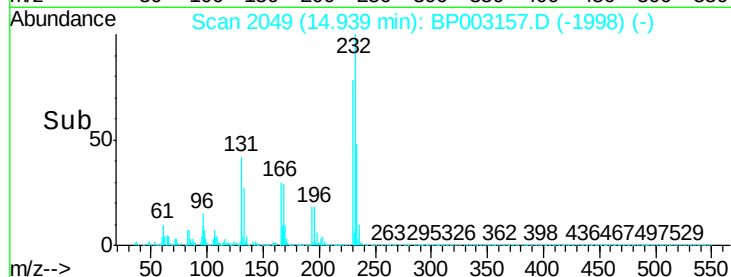
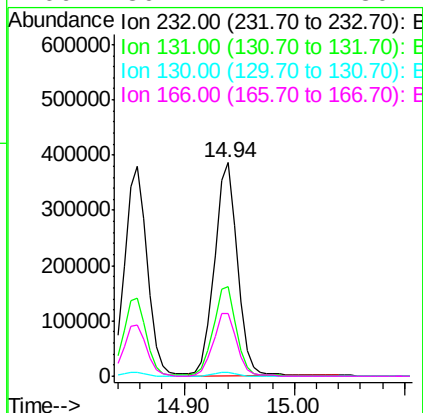
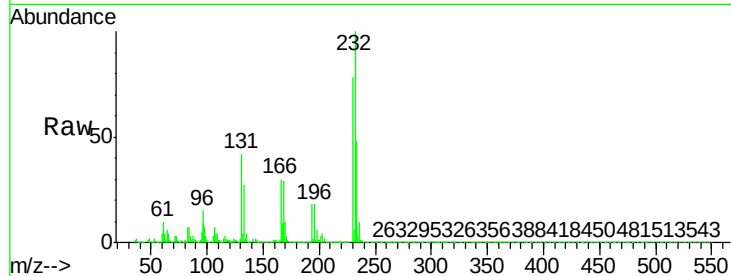




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.443 ng
RT: 14.94 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BP003157.D
Acq: 28 Aug 2020 18:50

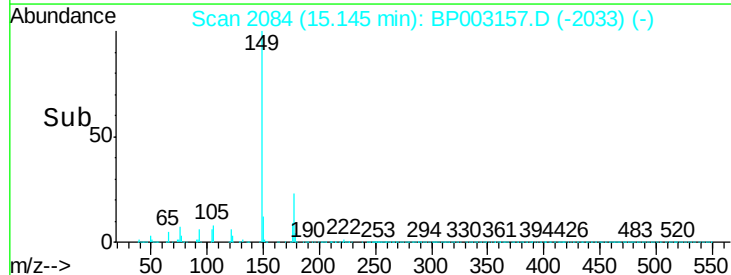
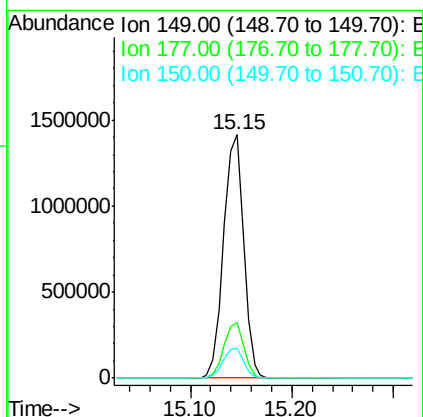
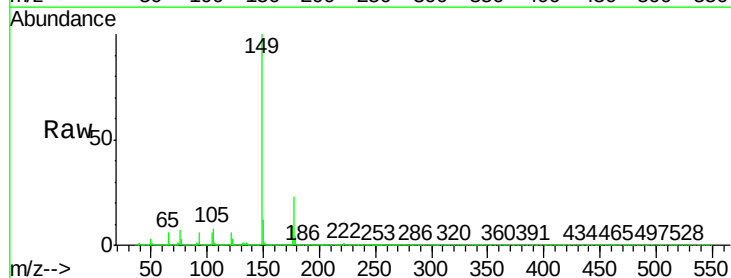
Instrument :
BNA_P
ClientSampled :

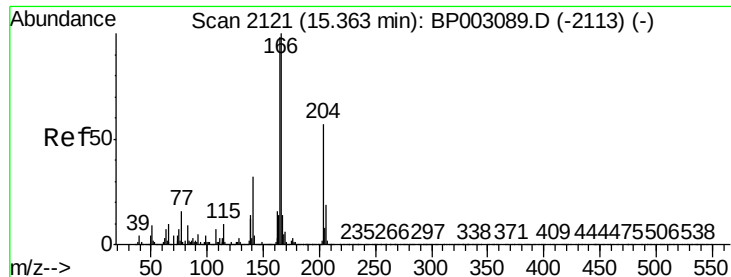
Tot Ion:	232	Resp:	553297
Ion	Ratio	Lower	Upper
232	100		
131	42.2	34.3	51.5
130	2.2	1.8	2.6
166	30.2	24.2	36.2



#60
Diethylphthalate
Concen: 42.721 ng
RT: 15.15 min Scan# 2084
Delta R.T. 0.00 min
Lab File: BP003157.D
Acq: 28 Aug 2020 18:50

Tgt Ion:	149	Resp:	1957366
Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.1	27.1
150	12.4	10.2	15.4

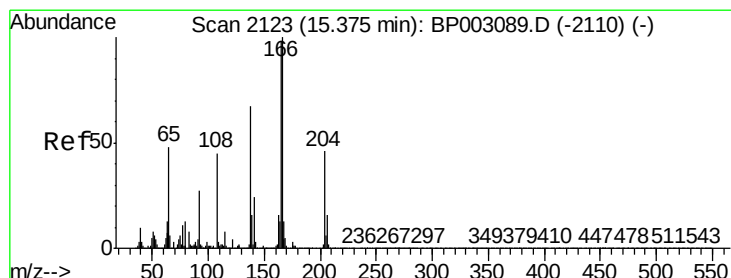
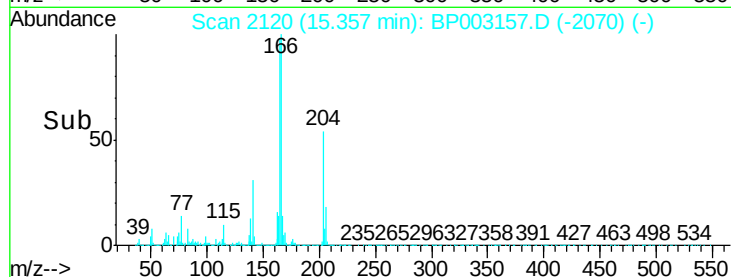
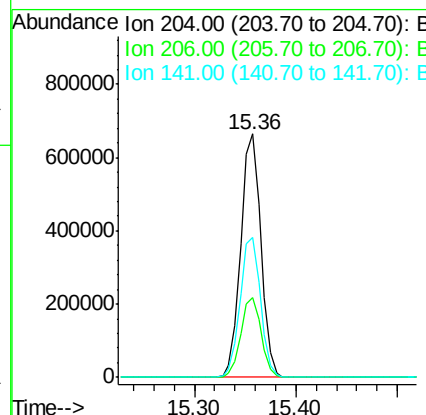
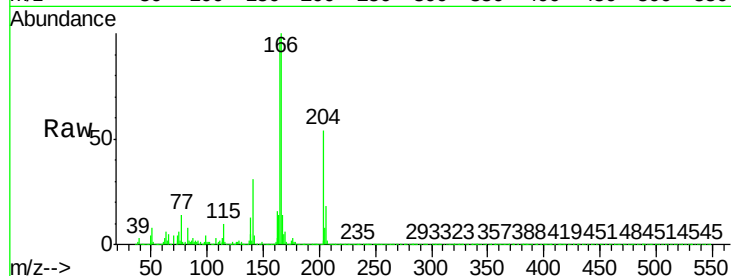




#61
4-Chlorophenyl-phenylether
Concen: 41.958 ng
RT: 15.36 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BP003157.D
Acq: 28 Aug 2020 18:50

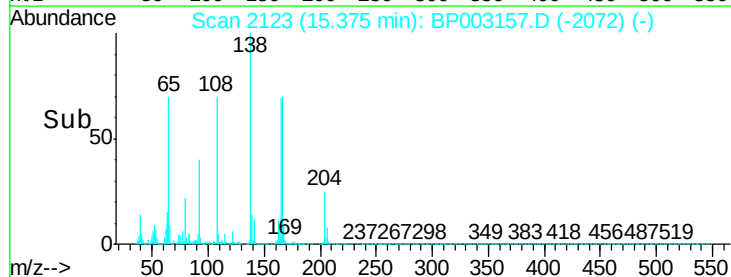
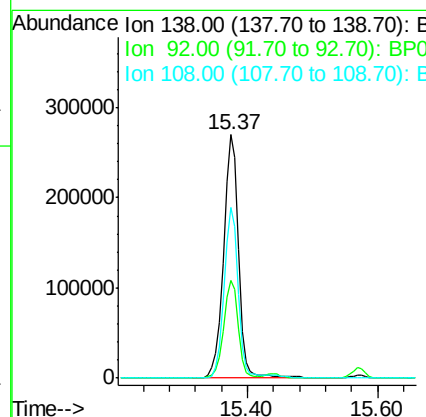
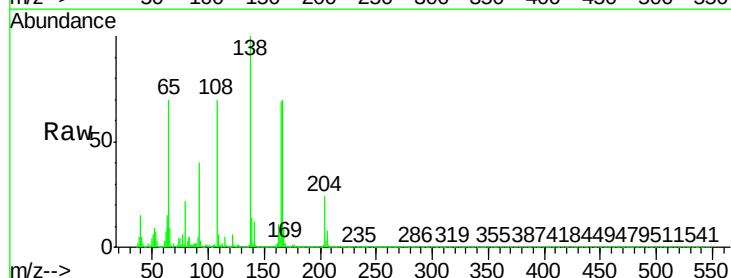
Instrument :
BNA_P
ClientSampled :

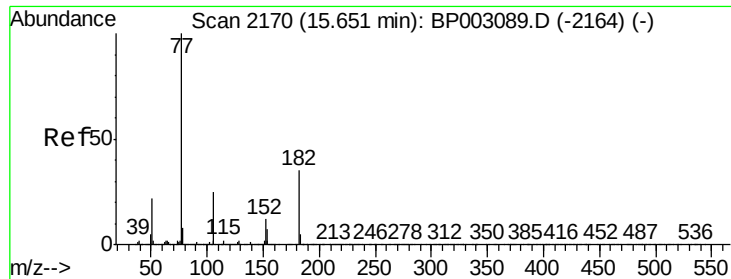
Tot Ion:204 Resp: 915602
Ion Ratio Lower Upper
204 100
206 32.7 26.6 39.8
141 57.3 45.5 68.3



#62
4-Nitroaniline
Concen: 38.169 ng
RT: 15.37 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BP003157.D
Acq: 28 Aug 2020 18:50

Tgt Ion:138 Resp: 431455
Ion Ratio Lower Upper
138 100
92 40.4 21.1 61.1
108 70.2 46.6 86.6

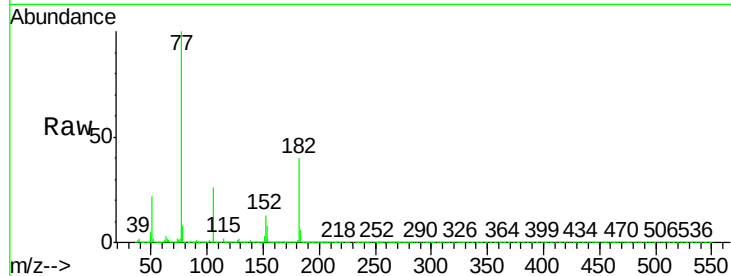




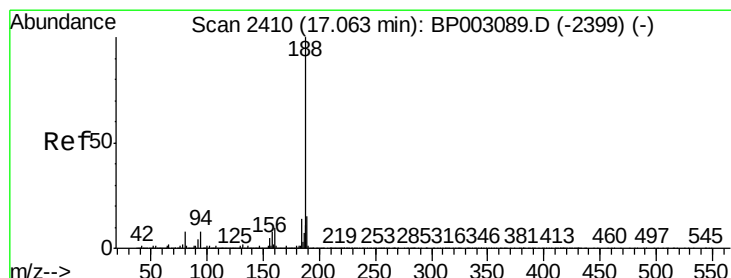
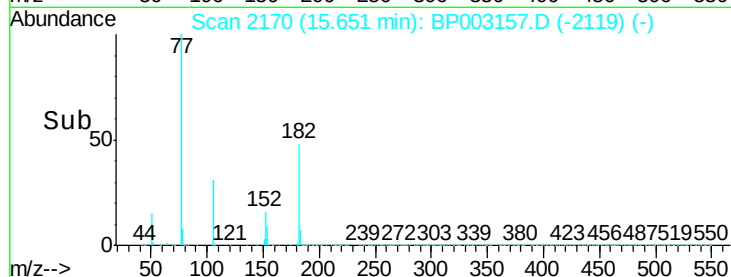
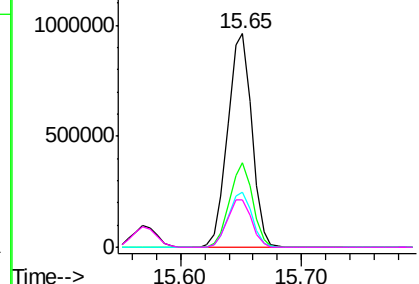
#63
Azobenzene
Concen: 43.508 ng
RT: 15.65 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BP003157.D
Acq: 28 Aug 2020 18:50

Instrument :
BNA_P
ClientSampled :

Tot Ion:	77	Resp:	1323017
Ion	Ratio	Lower	Upper
77	100		
182	39.6	15.4	55.4
105	25.6	5.1	45.1
51	22.4	1.9	41.9

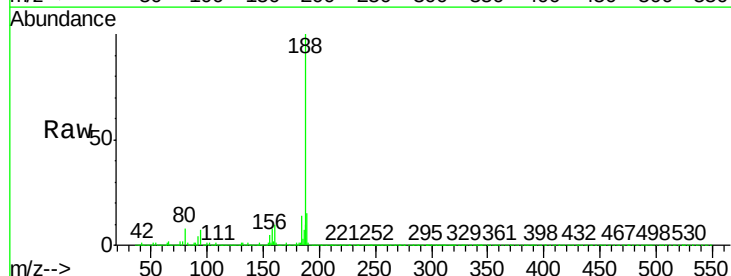


Abundance Ion 77.00 (76.70 to 77.70): BP0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BP0

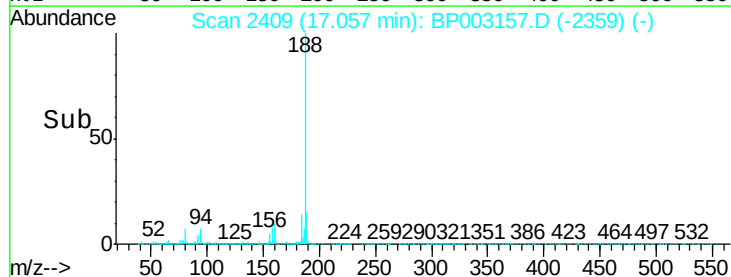
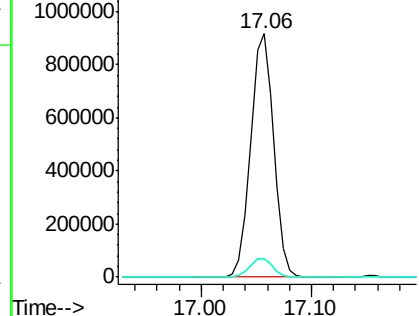


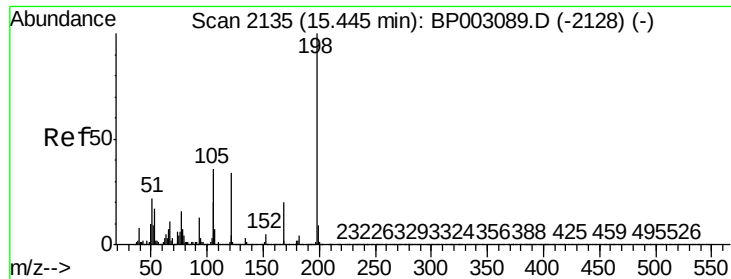
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2409
Delta R.T. -0.01 min
Lab File: BP003157.D
Acq: 28 Aug 2020 18:50

Tgt Ion:	188	Resp:	1339533
Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.2	9.4
80	7.5	6.4	9.6



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BP0
Ion 80.00 (79.70 to 80.70): BP0

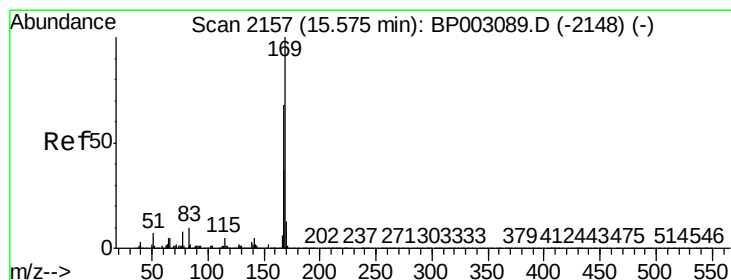
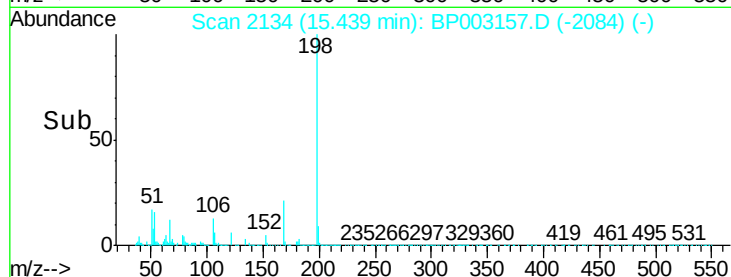
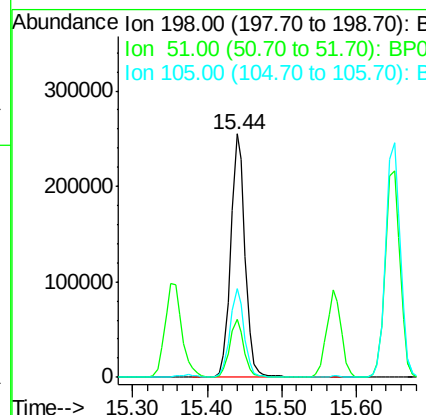
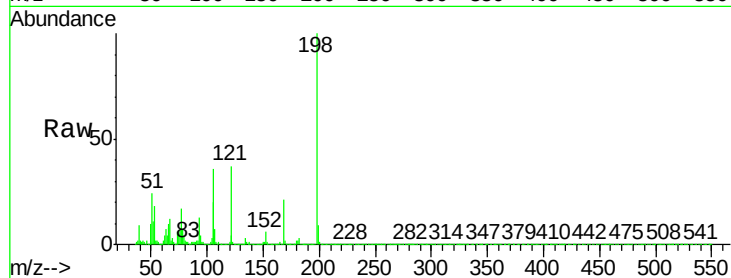




#65
4,6-Dinitro-2-methylphenol
Concen: 53.726 ng
RT: 15.44 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BP003157.D
Acq: 28 Aug 2020 18:50

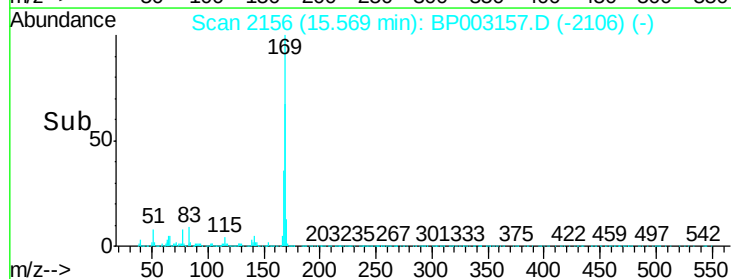
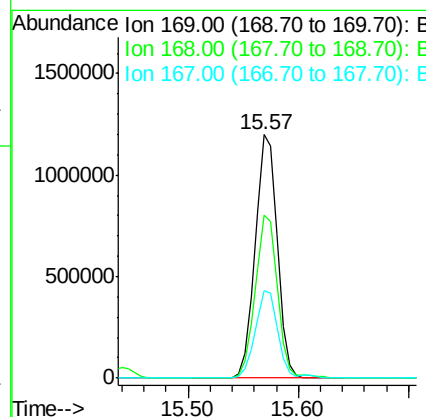
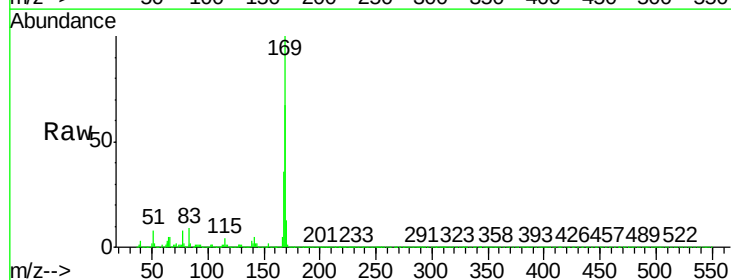
Instrument :
BNA_P
ClientSampleId :

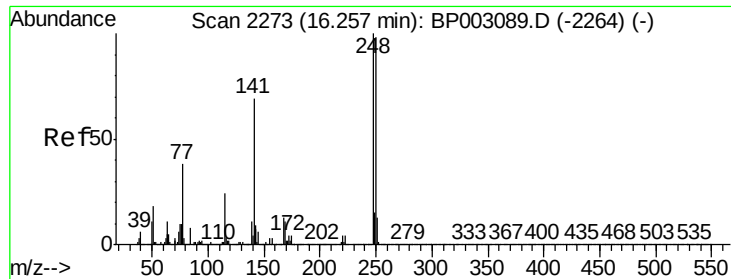
Tot Ion:198 Resp: 344176
Ion Ratio Lower Upper
198 100
51 23.8 2.4 42.4
105 36.5 16.1 56.1



#66
n-Nitrosodiphenylamine
Concen: 42.913 ng
RT: 15.57 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BP003157.D
Acq: 28 Aug 2020 18:50

Tgt Ion:169 Resp: 1680843
Ion Ratio Lower Upper
169 100
168 66.9 54.2 81.4
167 35.8 29.4 44.2

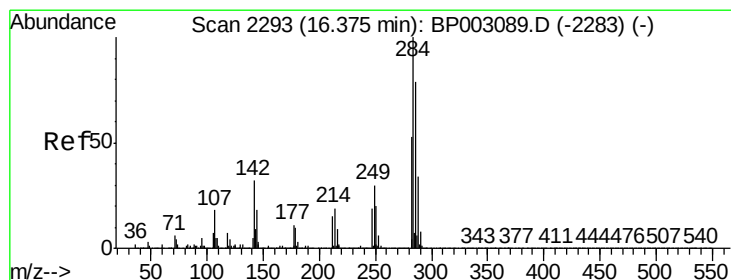
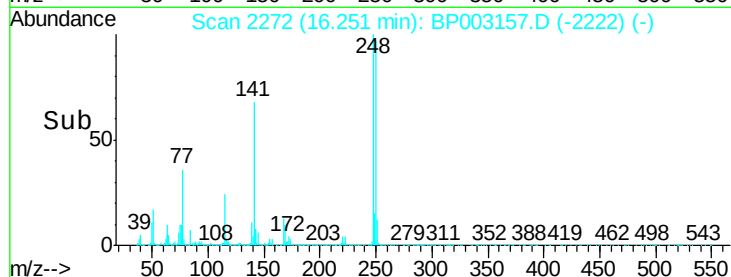
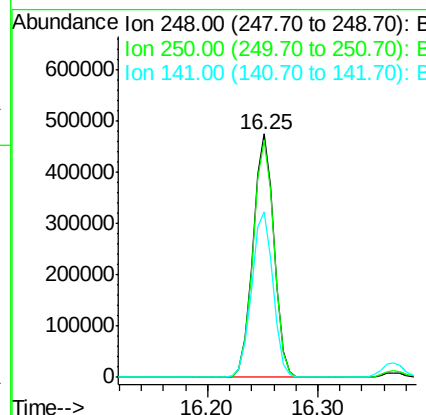
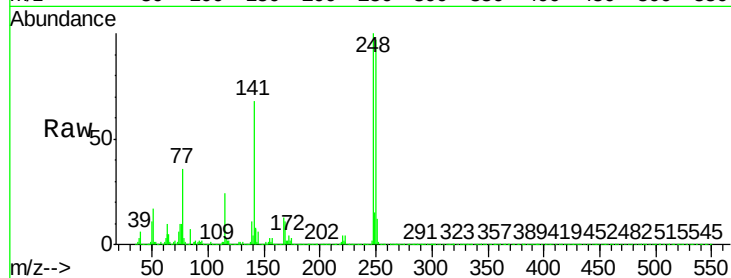




#67
4-Bromophenyl-phenylether
Concen: 42.675 ng
RT: 16.25 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BP003157.D
Acq: 28 Aug 2020 18:50

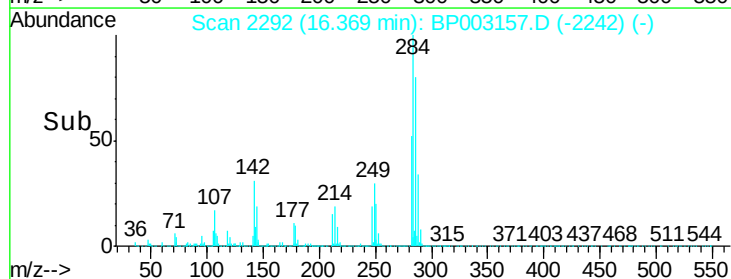
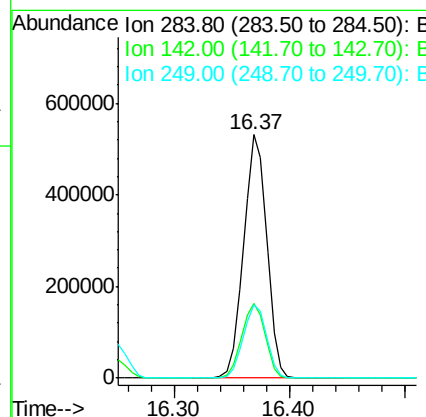
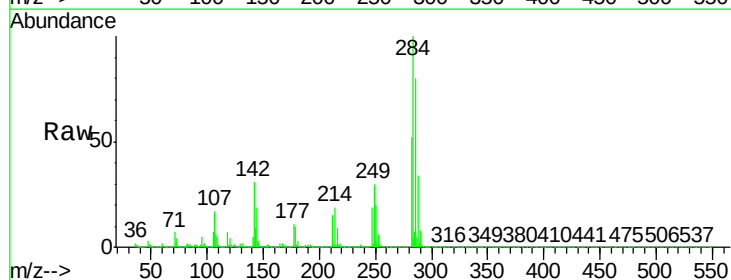
Instrument :
BNA_P
ClientSampleId :

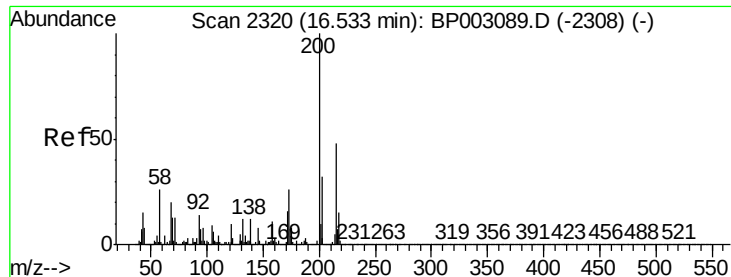
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	78.3	117.5
141	68.3	54.9	82.3



#68
Hexachlorobenzene
Concen: 41.853 ng
RT: 16.37 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BP003157.D
Acq: 28 Aug 2020 18:50

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.8	25.8	38.6
249	30.2	24.3	36.5





#69

Atrazine

Concen: 41.435 ng

RT: 16.53 min Scan# 2319

Delta R.T. -0.01 min

Lab File: BP003157.D

Acq: 28 Aug 2020 18:50

Instrument :

BNA_P

ClientSampled :

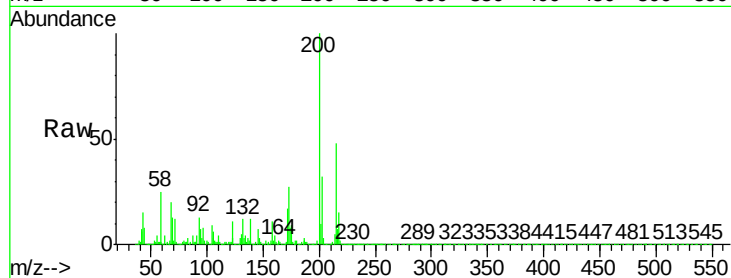
Tot Ion:200 Resp: 547382

Ion Ratio Lower Upper

200 100

173 26.5 6.3 46.3

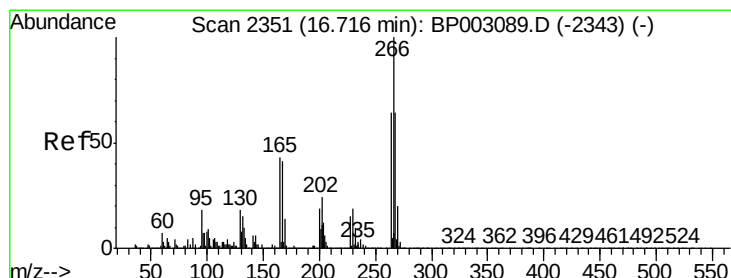
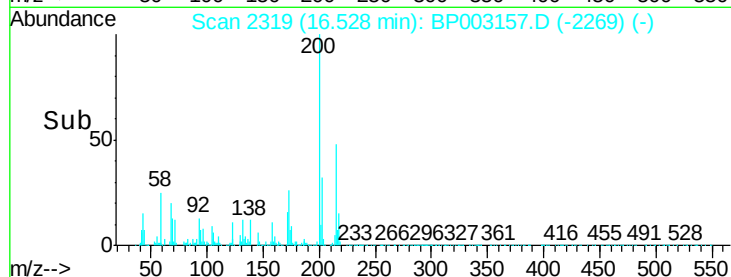
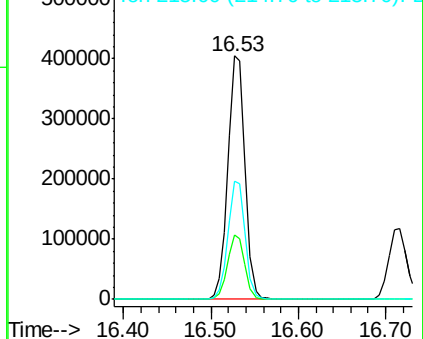
215 48.3 27.9 67.9



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: 114.949 ng

RT: 16.72 min Scan# 2351

Delta R.T. 0.00 min

Lab File: BP003157.D

Acq: 28 Aug 2020 18:50

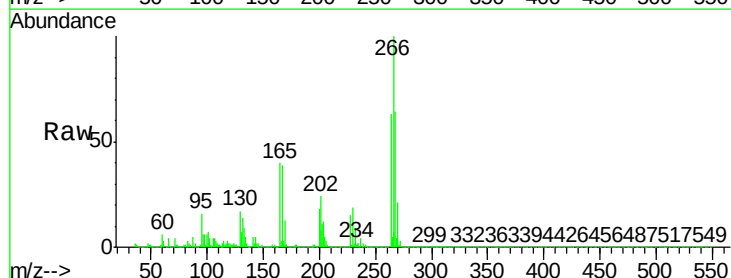
Tgt Ion:266 Resp: 967502

Ion Ratio Lower Upper

266 100

268 64.4 51.3 76.9

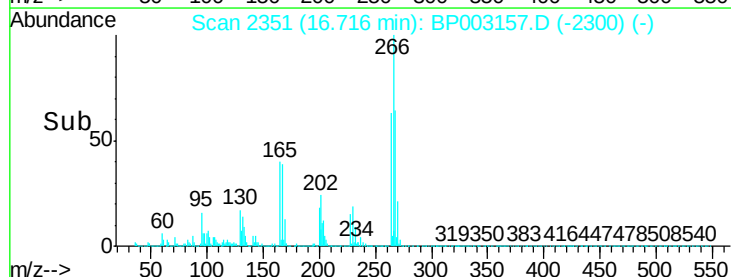
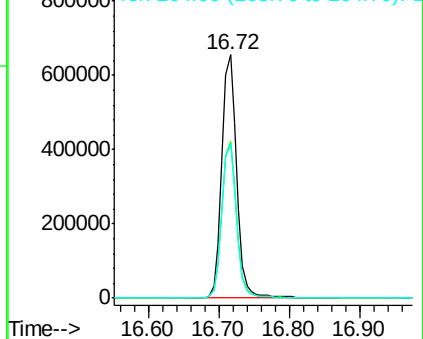
264 63.4 51.0 76.6

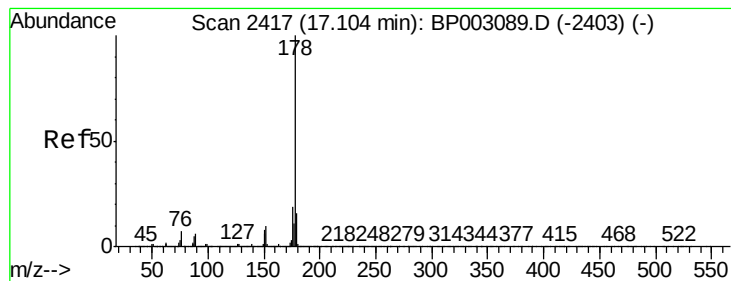


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 44.399 ng

RT: 17.10 min Scan# 2416

Delta R.T. -0.01 min

Lab File: BP003157.D

Acq: 28 Aug 2020 18:50

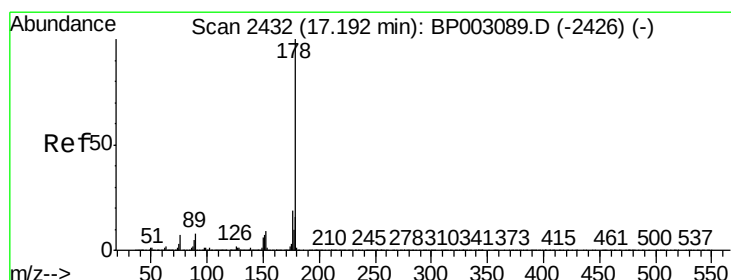
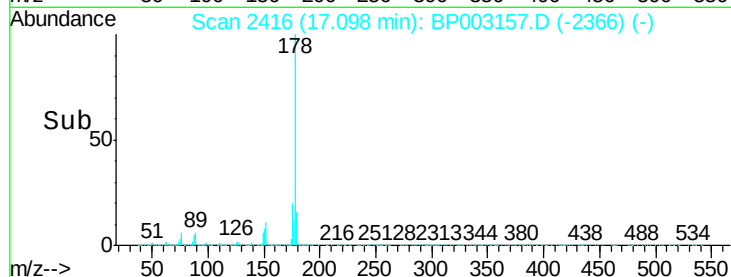
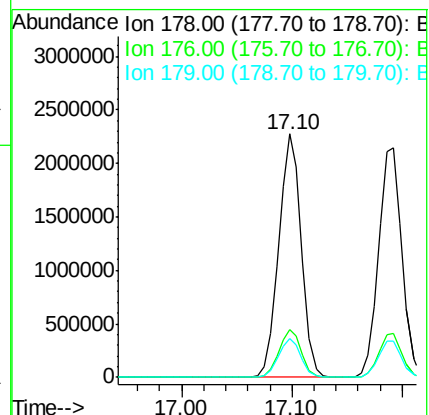
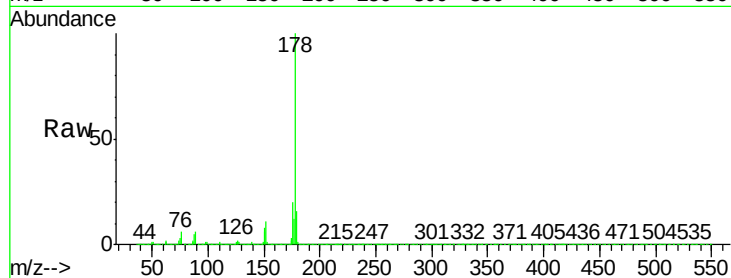
Instrument :

BNA_P

ClientSampleId :

Tot Ion:178 Resp: 3222646

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	15.8	12.4	18.6



#72

Anthracene

Concen: 45.417 ng

RT: 17.19 min Scan# 2432

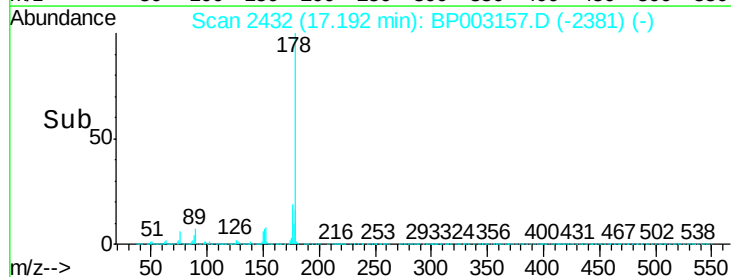
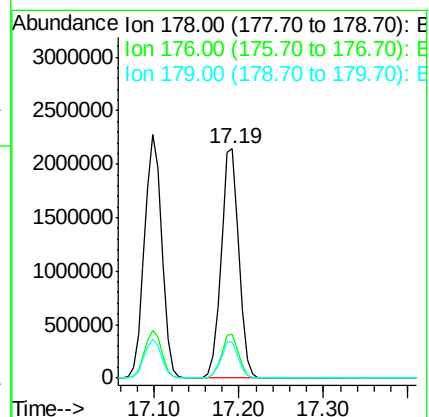
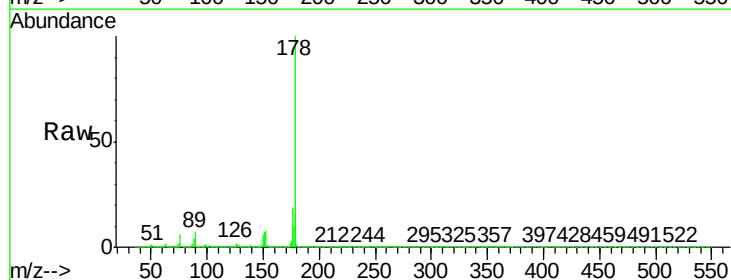
Delta R.T. 0.00 min

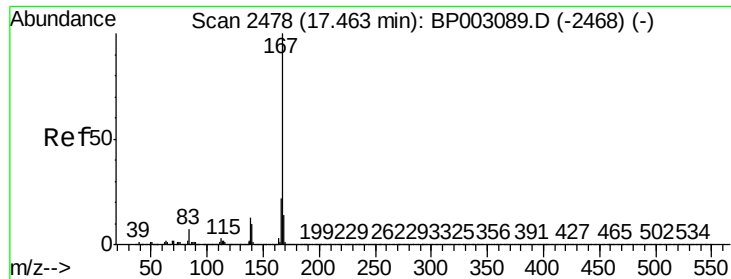
Lab File: BP003157.D

Acq: 28 Aug 2020 18:50

Tgt Ion:178 Resp: 3155021

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.5	12.6	19.0

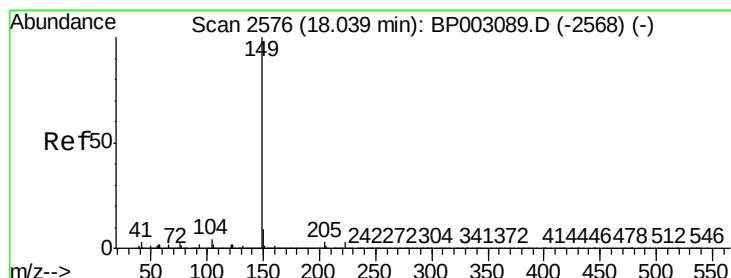
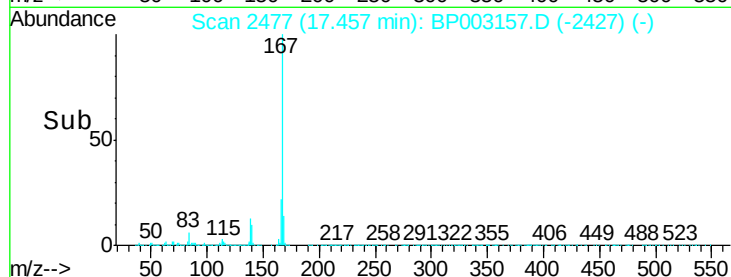
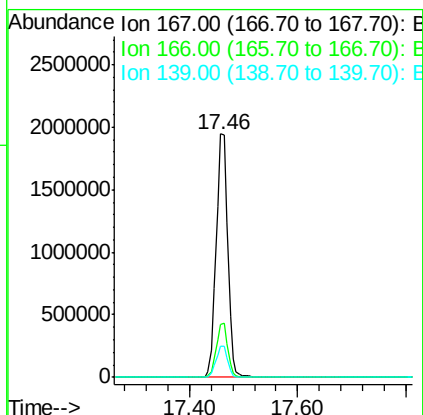
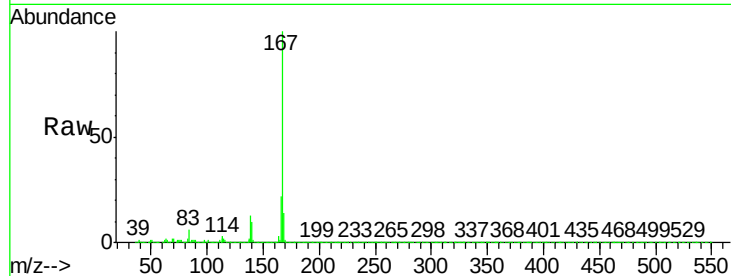




#73
 Carbazole
 Concen: 43.826 ng
 RT: 17.46 min Scan# 2477
 Delta R.T. -0.01 min
 Lab File: BP003157.D
 Acq: 28 Aug 2020 18:50

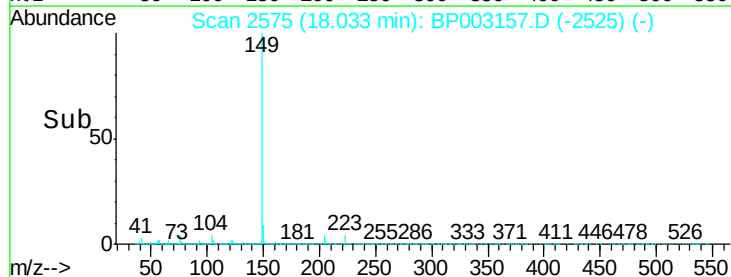
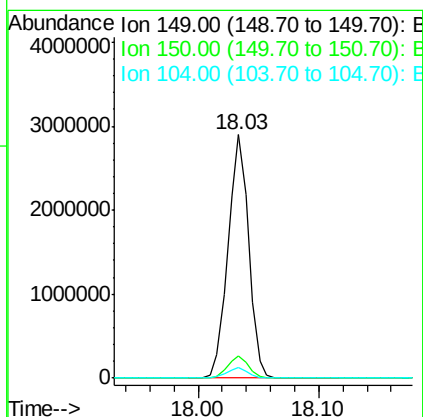
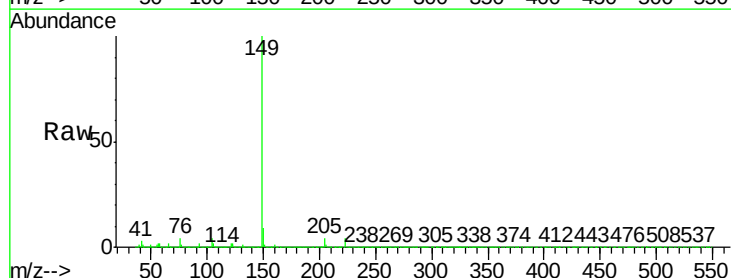
Instrument :
 BNA_P
 ClientSampleId :

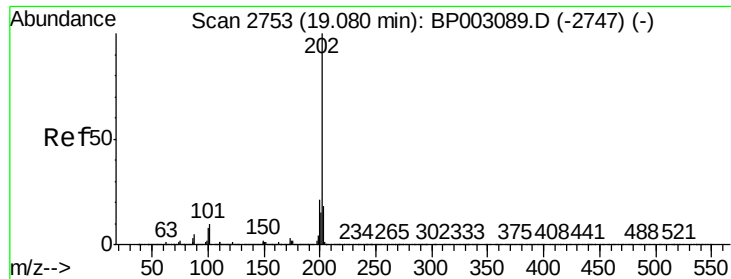
Tot Ion:167 Resp: 2921872
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 13.0 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 43.823 ng
 RT: 18.03 min Scan# 2575
 Delta R.T. -0.01 min
 Lab File: BP003157.D
 Acq: 28 Aug 2020 18:50

Tgt Ion:149 Resp: 3434546
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 4.2 3.3 4.9





#75

Fluoranthene

Concen: 49.940 ng

RT: 19.07 min Scan# 2752

Delta R.T. -0.01 min

Lab File: BP003157.D

Acq: 28 Aug 2020 18:50

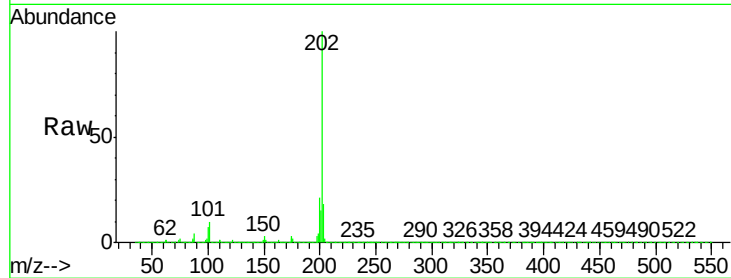
Instrument :

BNA_P

ClientSampleId :

Tot Ion:202 Resp: 4189539

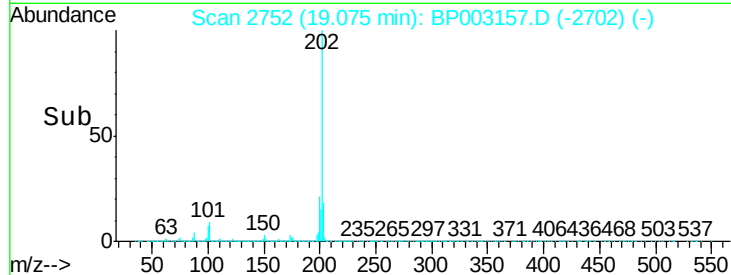
Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	30.0
203	18.2	0.0	37.7



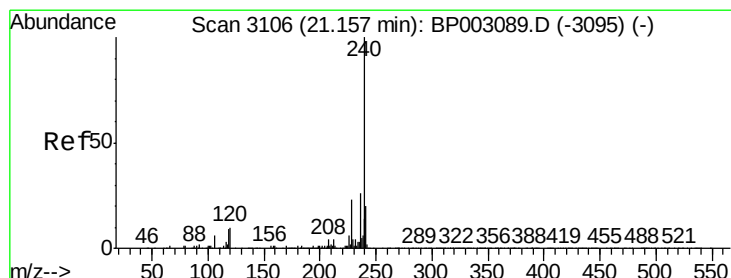
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.15 min Scan# 3105

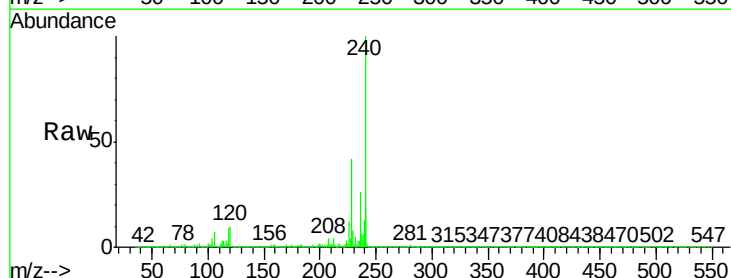
Delta R.T. -0.01 min

Lab File: BP003157.D

Acq: 28 Aug 2020 18:50

Tgt Ion:240 Resp: 1262691

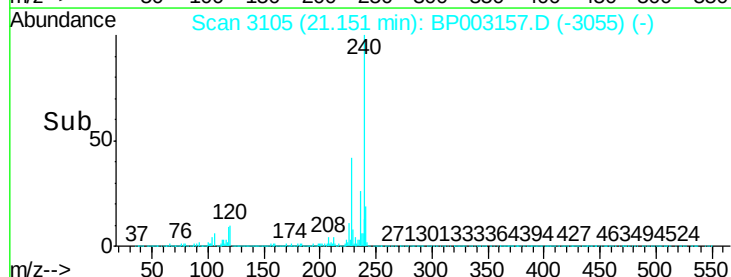
Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.4	12.6
236	26.1	20.6	31.0



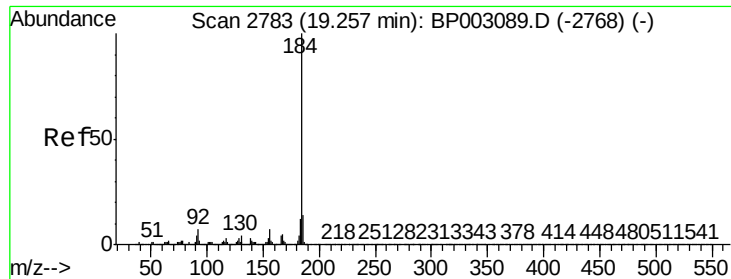
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



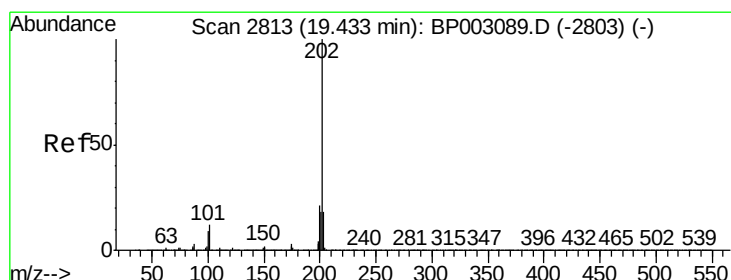
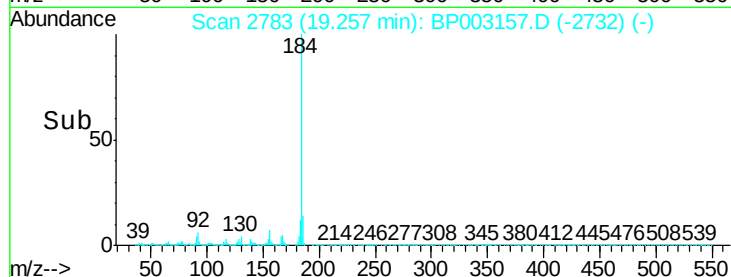
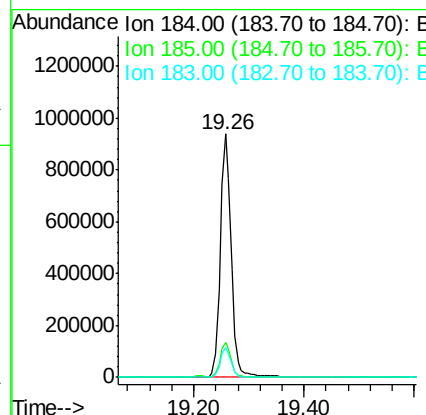
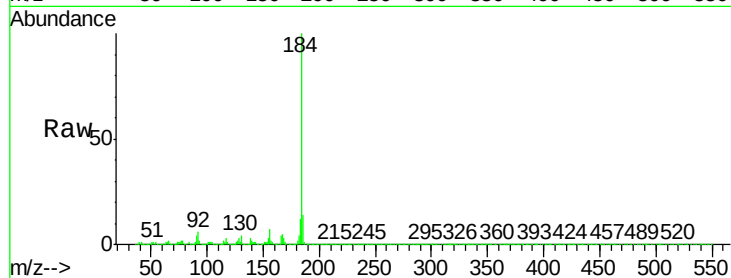
Time-->



#77
Benzidine
Concen: 44.907 ng
RT: 19.26 min Scan# 2783
Delta R.T. 0.00 min
Lab File: BP003157.D
Acq: 28 Aug 2020 18:50

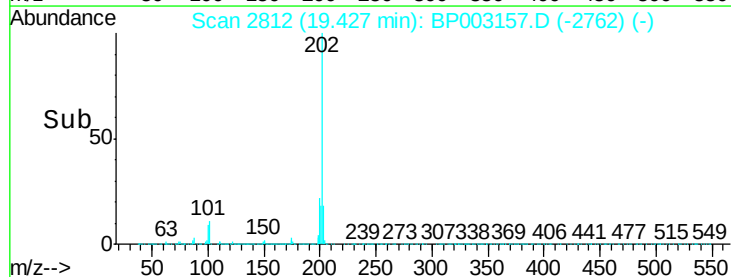
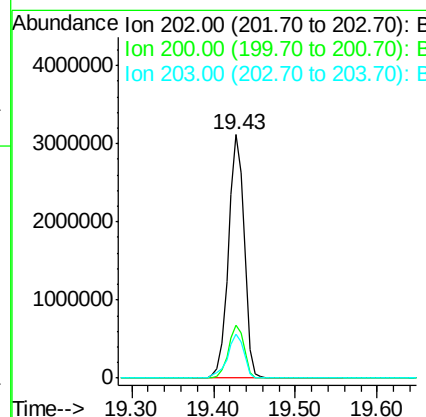
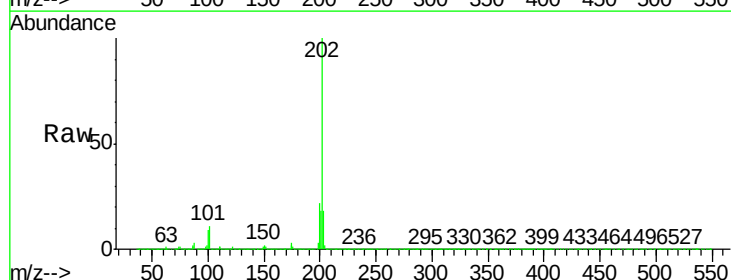
Instrument :
BNA_P
ClientSampleId :

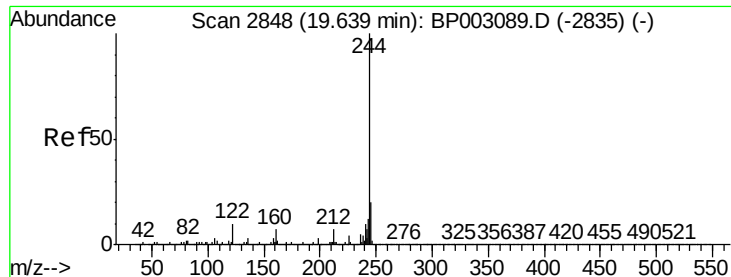
Tot Ion:184 Resp: 1295954
Ion Ratio Lower Upper
184 100
185 14.2 11.5 17.3
183 12.0 9.4 14.2



#78
Pyrene
Concen: 50.647 ng
RT: 19.43 min Scan# 2812
Delta R.T. -0.01 min
Lab File: BP003157.D
Acq: 28 Aug 2020 18:50

Tgt Ion:202 Resp: 4150609
Ion Ratio Lower Upper
202 100
200 21.9 17.0 25.4
203 18.1 14.0 21.0





#79

Terphenyl-d14

Concen: 78.268 ng

RT: 19.63 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BP003157.D

Acq: 28 Aug 2020 18:50

Instrument :

BNA_P

ClientSampled :

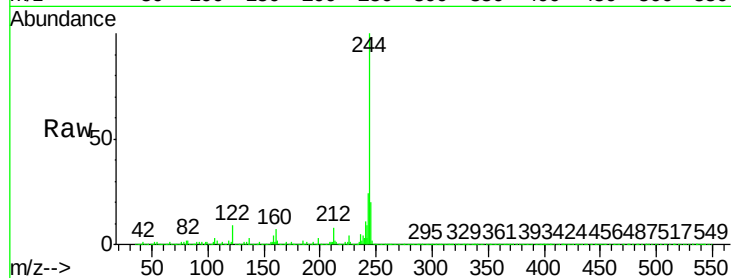
Tot Ion:244 Resp: 4491335

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

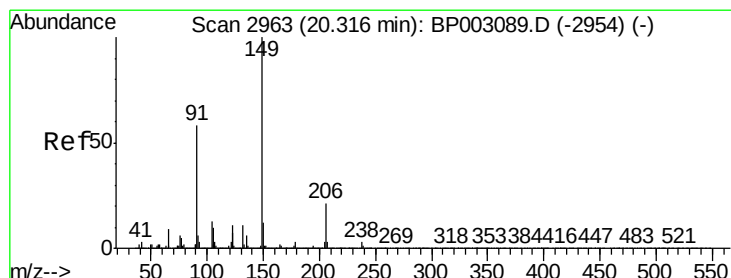
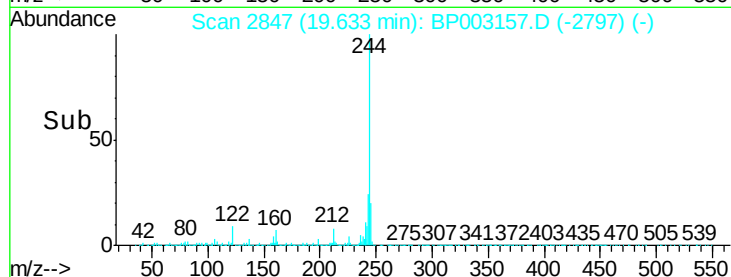
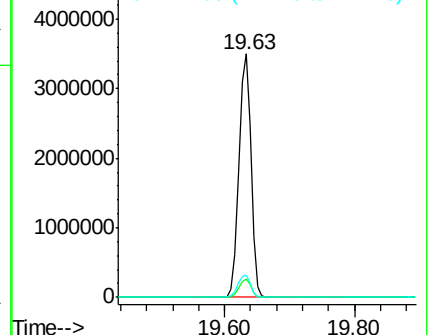
122 9.1 7.7 11.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 49.181 ng

RT: 20.31 min Scan# 2962

Delta R.T. -0.01 min

Lab File: BP003157.D

Acq: 28 Aug 2020 18:50

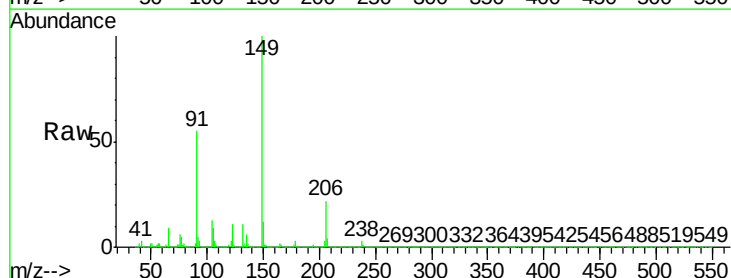
Tgt Ion:149 Resp: 1659504

Ion Ratio Lower Upper

149 100

91 55.1 46.8 70.2

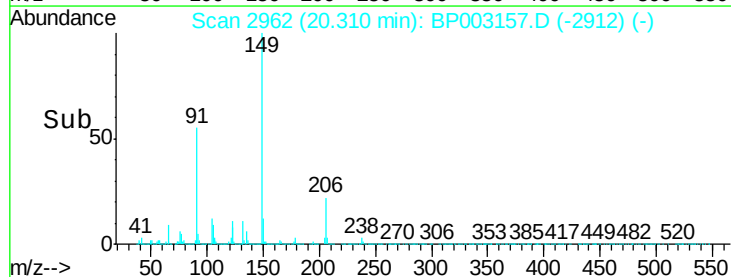
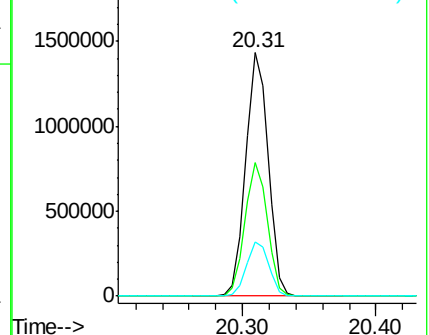
206 22.1 16.8 25.2

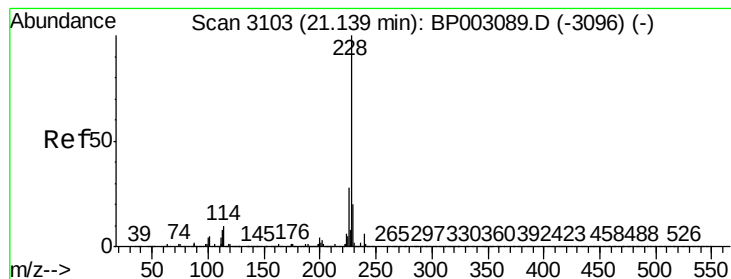


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.283 ng

RT: 21.13 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BP003157.D

Acq: 28 Aug 2020 18:50

Instrument :

BNA_P

ClientSampleId :

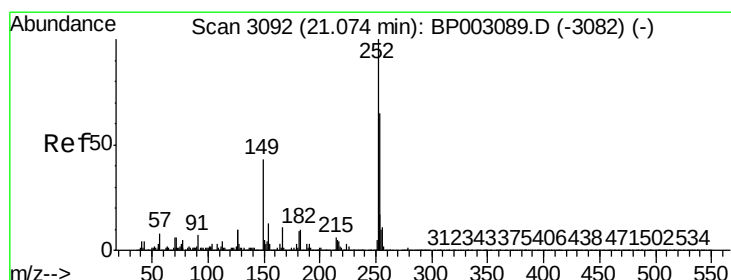
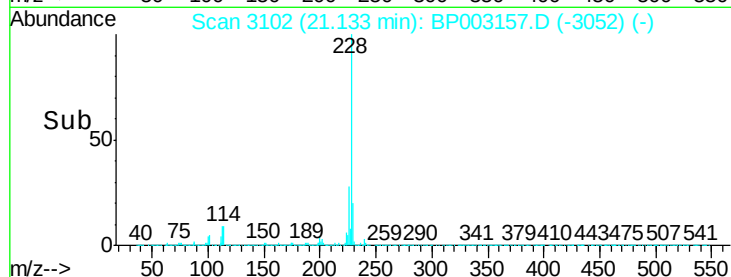
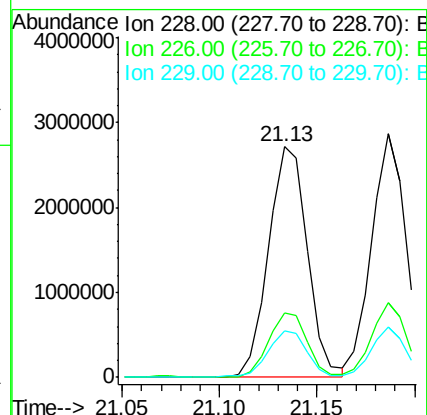
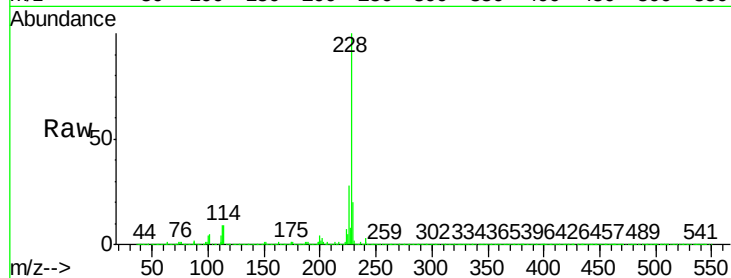
Tot Ion:228 Resp: 3739748

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.0	33.0
229	20.2	16.2	24.2

228 100

226 27.9 22.0 33.0

229 20.2 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 39.067 ng

RT: 21.07 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BP003157.D

Acq: 28 Aug 2020 18:50

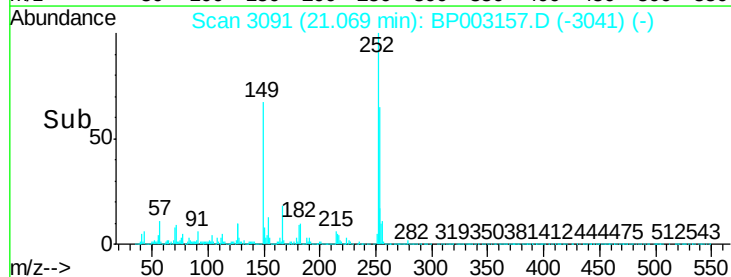
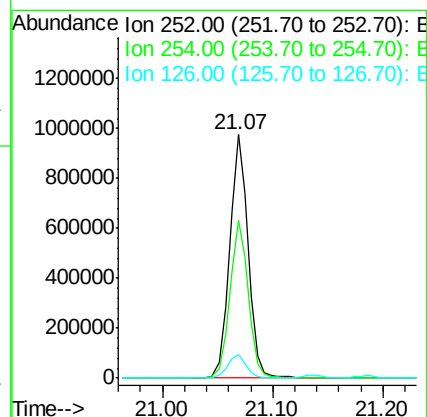
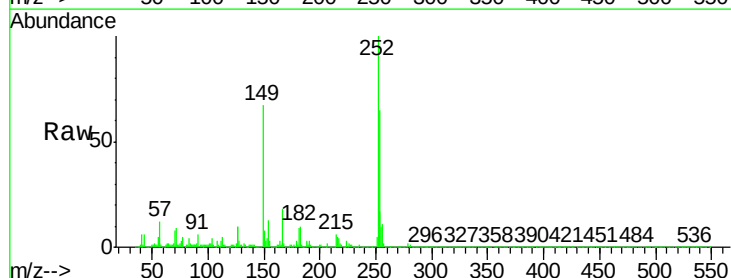
Tgt Ion:252 Resp: 1136599

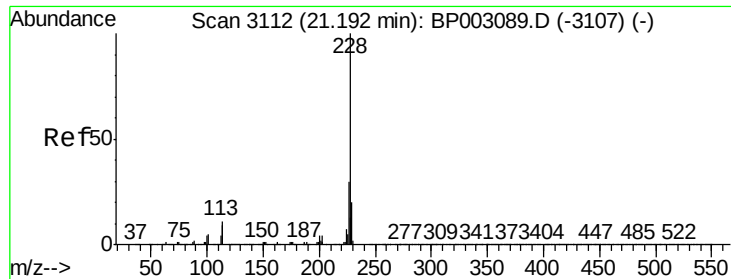
Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.9	77.9
126	9.8	8.4	12.6

252 100

254 64.7 51.9 77.9

126 9.8 8.4 12.6



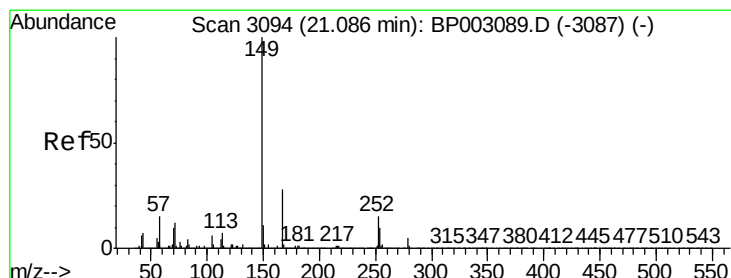
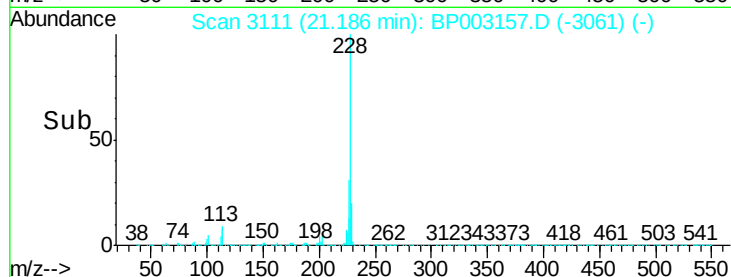
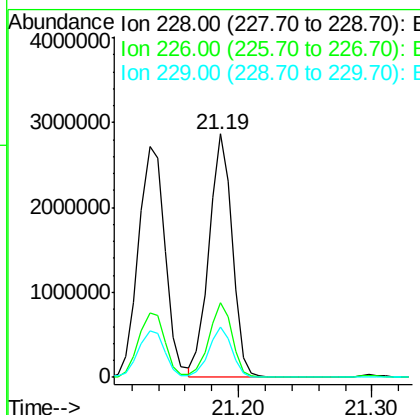
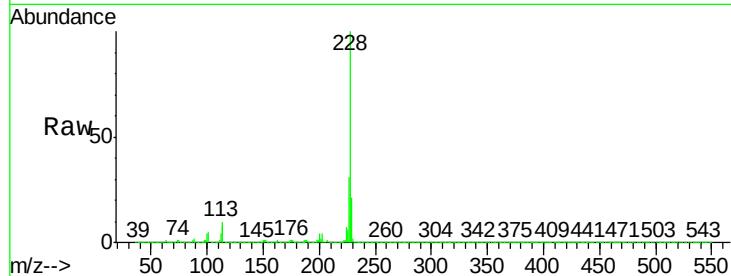


#83
 Chrysene
 Concen: 46.094 ng
 RT: 21.19 min Scan# 3111
 Delta R.T. -0.01 min
 Lab File: BP003157.D
 Acq: 28 Aug 2020 18:50

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:228 Resp: 3490619

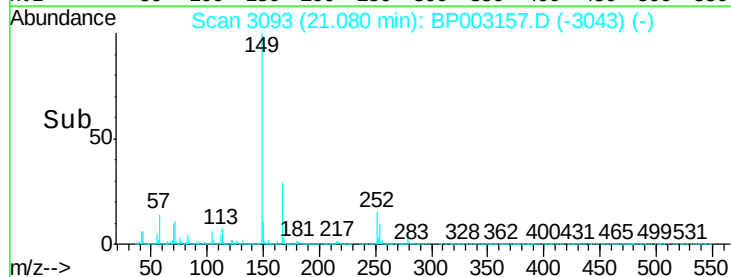
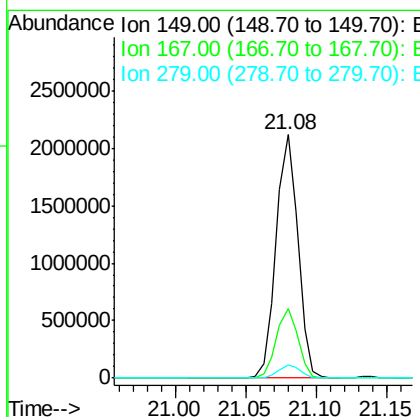
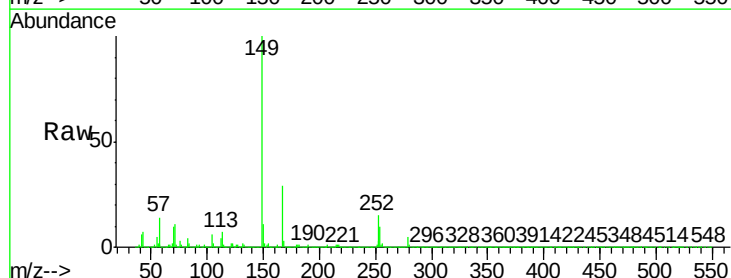
Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.2	36.4
229	20.6	16.0	24.0

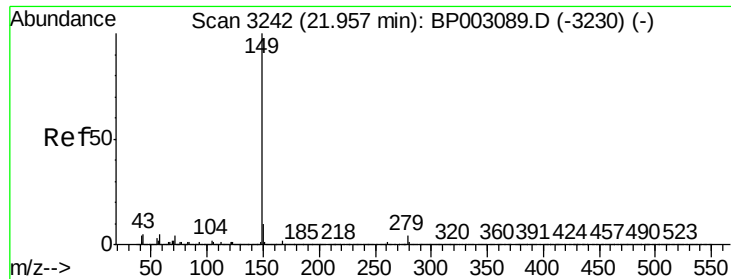


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.056 ng
 RT: 21.08 min Scan# 3093
 Delta R.T. -0.01 min
 Lab File: BP003157.D
 Acq: 28 Aug 2020 18:50

Tgt Ion:149 Resp: 2292986

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.5	33.7
279	5.4	3.8	5.8





#85

Di-n-octyl phthalate

Concen: 47.694 ng

RT: 21.95 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BP003157.D

Acq: 28 Aug 2020 18:50

Instrument :

BNA_P

ClientSampleId :

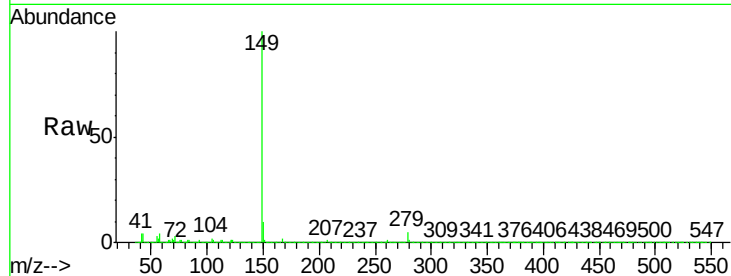
Tot Ion:149 Resp: 3984688

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

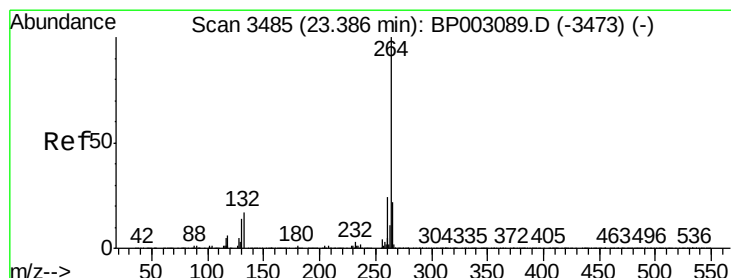
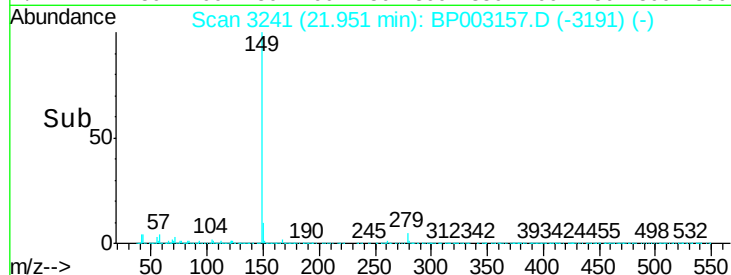
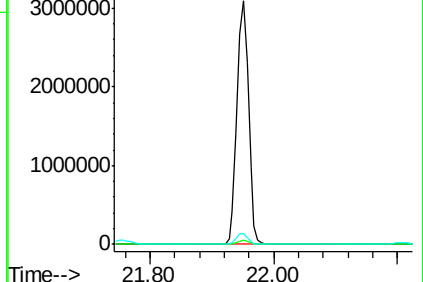
43 4.4 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.38 min Scan# 3484

Delta R.T. -0.01 min

Lab File: BP003157.D

Acq: 28 Aug 2020 18:50

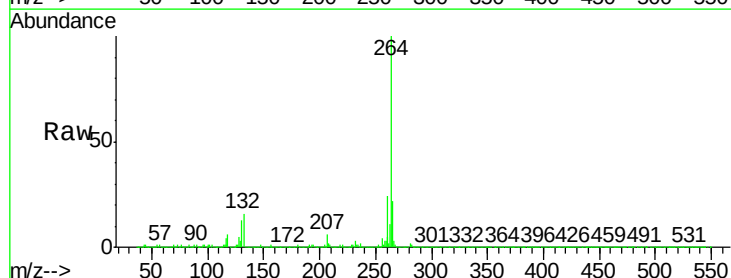
Tgt Ion:264 Resp: 1234349

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

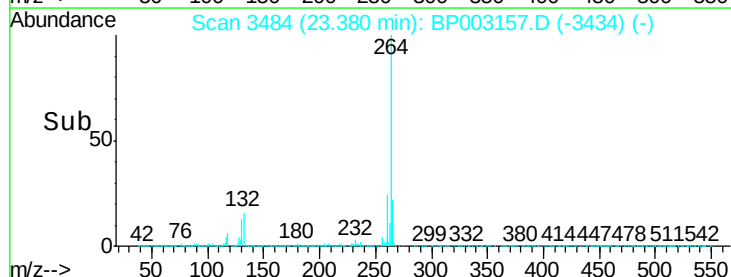
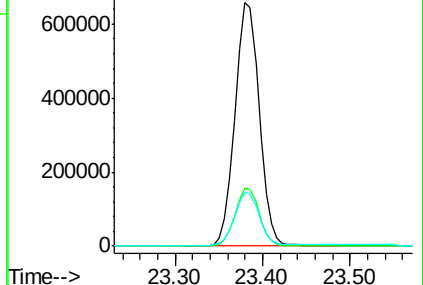
265 22.2 17.7 26.5

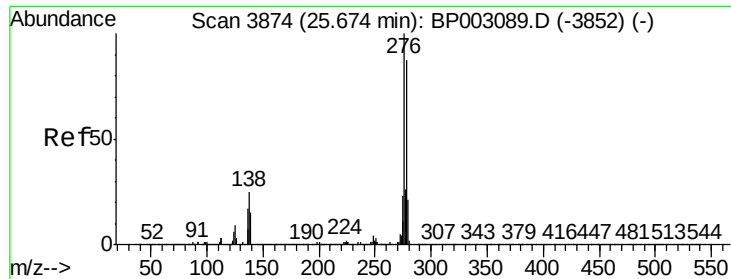


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



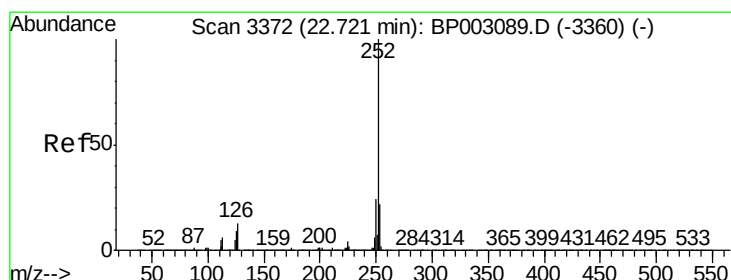
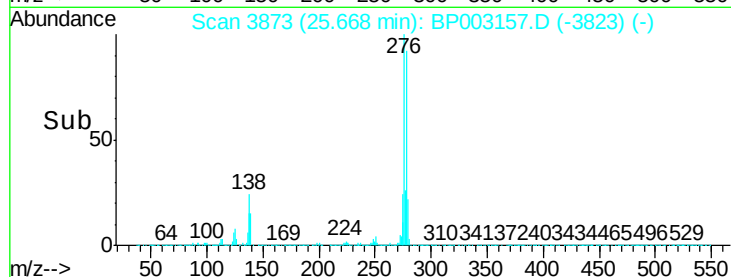
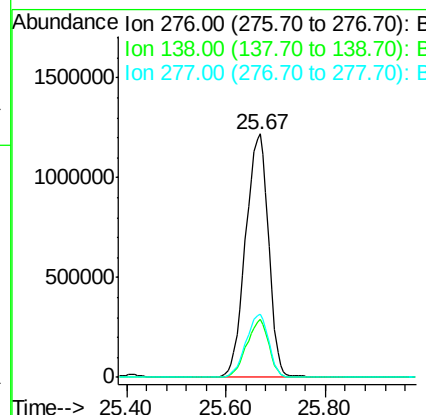
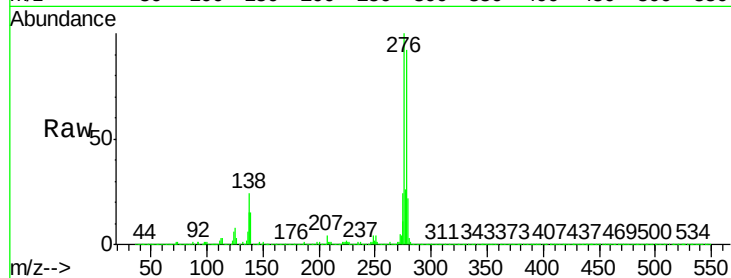


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.414 ng
 RT: 25.67 min Scan# 3873
 Delta R.T. -0.01 min
 Lab File: BP003157.D
 Acq: 28 Aug 2020 18:50

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:276 Resp: 3904258

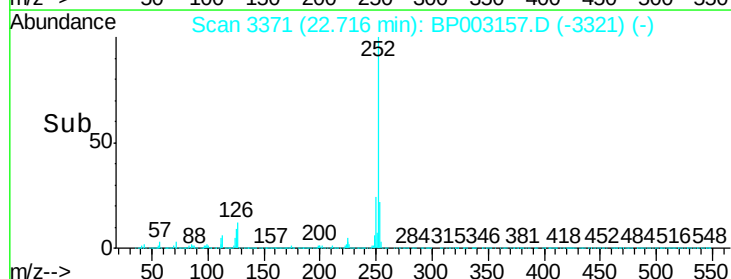
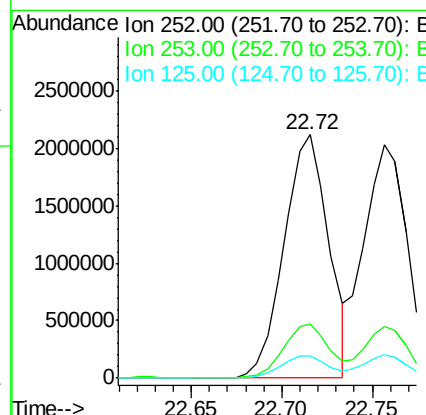
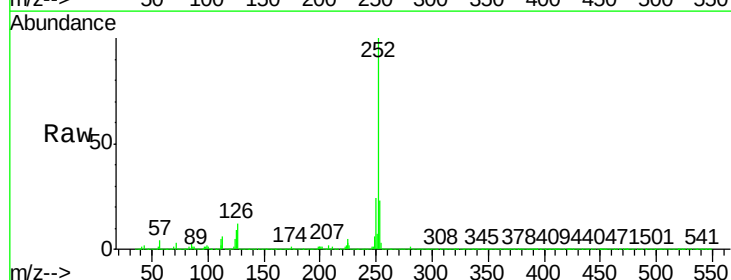
Ion	Ratio	Lower	Upper
276	100		
138	22.9	20.2	30.4
277	25.6	20.4	30.6

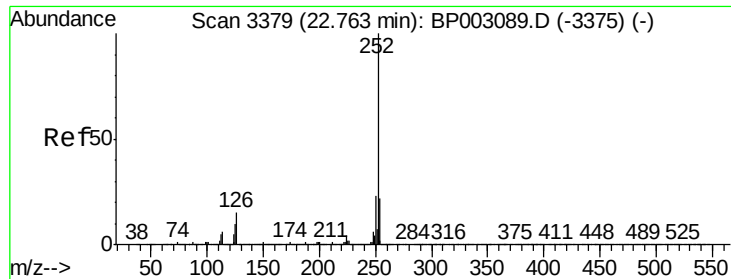


#88
 Benzo(b)fluoranthene
 Concen: 47.385 ng
 RT: 22.72 min Scan# 3371
 Delta R.T. -0.01 min
 Lab File: BP003157.D
 Acq: 28 Aug 2020 18:50

Tgt Ion:252 Resp: 3635292

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	9.2	7.6	11.4

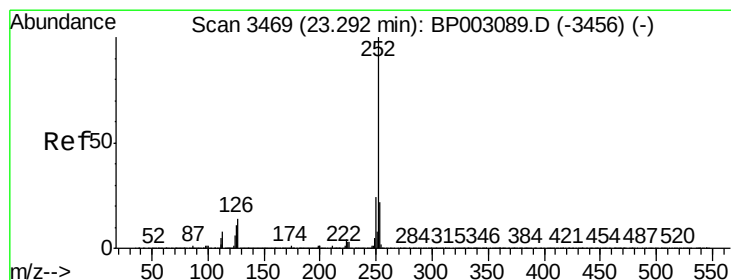
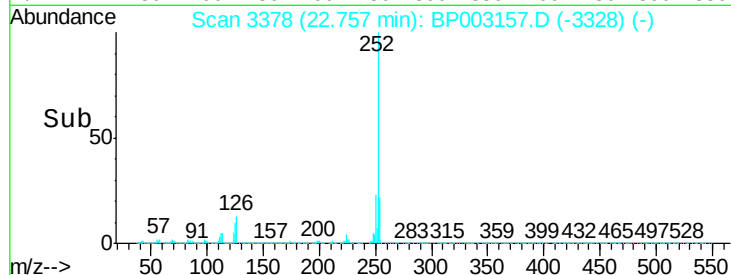
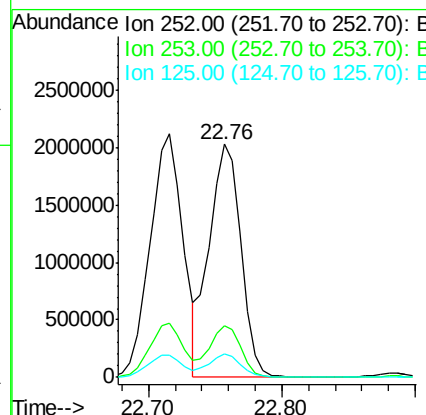
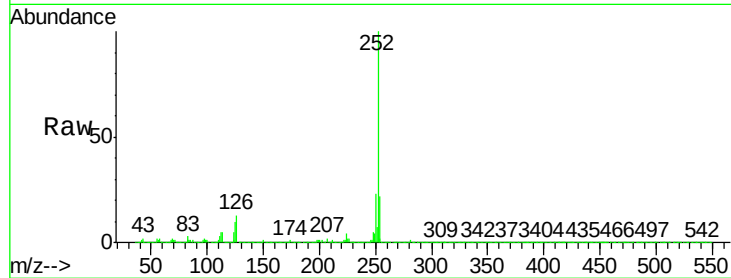




#89
Benzo(k)fluoranthene
Concen: 45.980 ng
RT: 22.76 min Scan# 3378
Delta R.T. -0.01 min
Lab File: BP003157.D
Acq: 28 Aug 2020 18:50

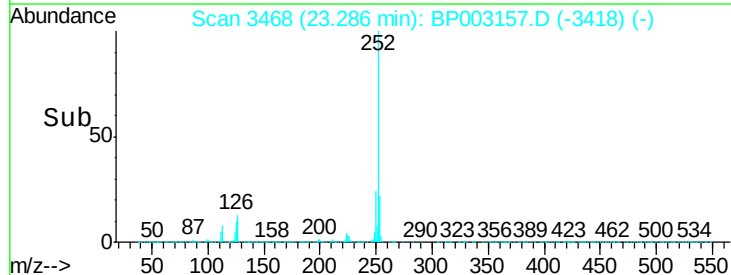
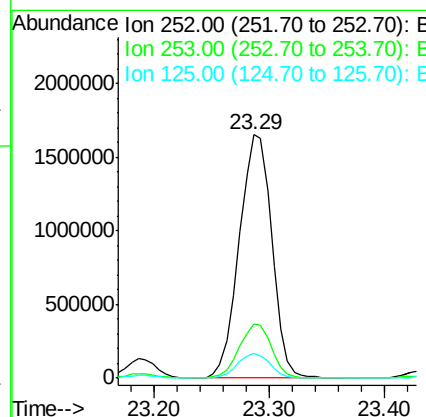
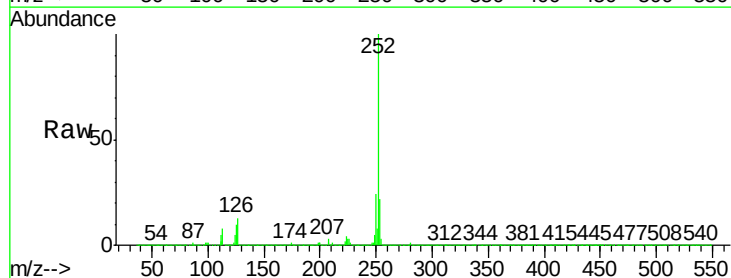
Instrument :
BNA_P
ClientSampled :

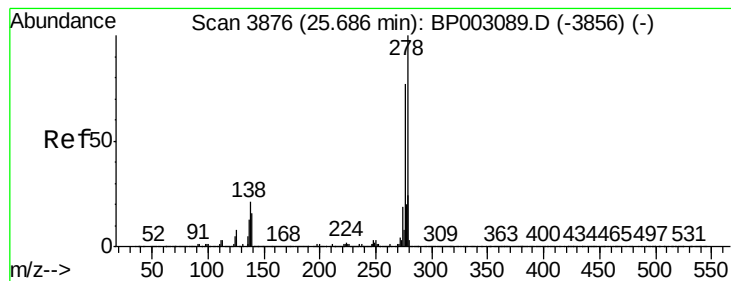
Tot Ion:252 Resp: 3370339
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 9.8 8.0 12.0



#90
Benzo(a)pyrene
Concen: 45.251 ng
RT: 23.29 min Scan# 3468
Delta R.T. -0.01 min
Lab File: BP003157.D
Acq: 28 Aug 2020 18:50

Tgt Ion:252 Resp: 3220679
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 10.3 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 40.680 ng

RT: 25.67 min Scan# 3874

Delta R.T. -0.01 min

Lab File: BP003157.D

Acq: 28 Aug 2020 18:50

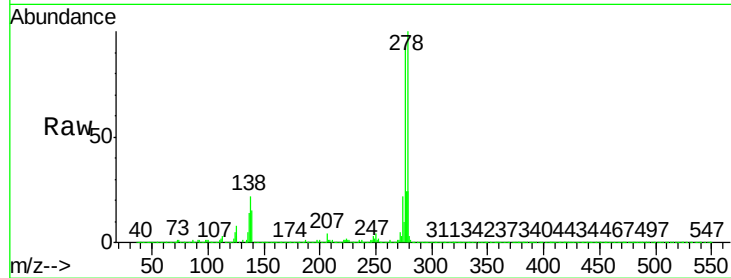
Instrument :

BNA_P

ClientSampleId :

Tot Ion:278 Resp: 3076136

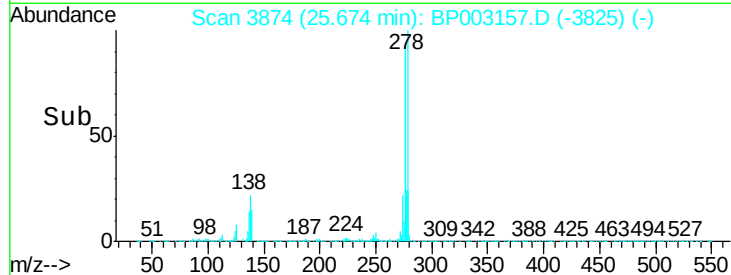
Ion	Ratio	Lower	Upper
278	100		
139	15.1	12.8	19.2
279	24.1	19.0	28.6



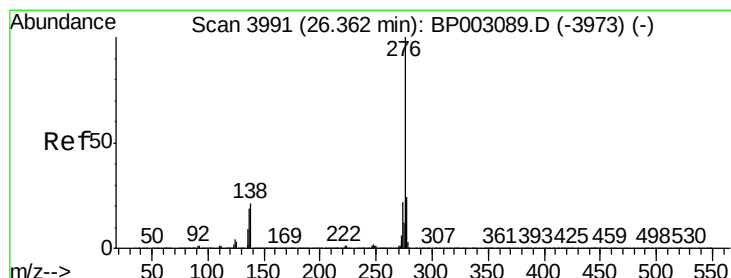
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(g,h,i)perylene

Concen: 44.827 ng

RT: 26.36 min Scan# 3990

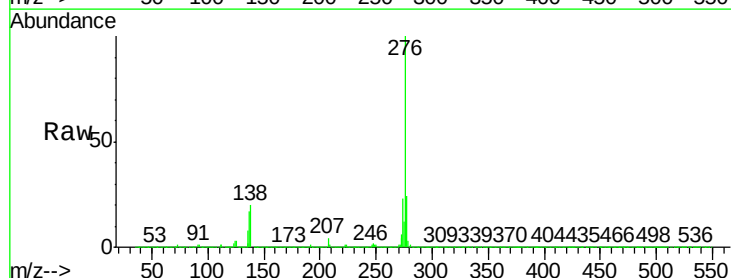
Delta R.T. -0.01 min

Lab File: BP003157.D

Acq: 28 Aug 2020 18:50

Tgt Ion:276 Resp: 3401744

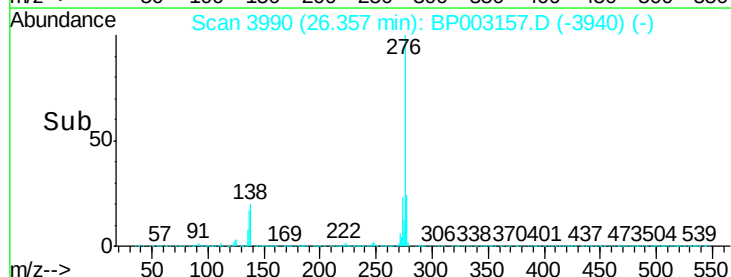
Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.4	29.2
138	20.2	17.0	25.6



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



Time-->