

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091120\
 Data File : BP003259.D
 Acq On : 11 Sep 2020 14:17
 Operator : CG/JU
 Sample : PB131546BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB131546BS

Quant Time: Sep 11 15:46:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 14:37:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	218130	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	828009	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	482259	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	993207	20.00	ng	0.00
76) Chrysene-d12	21.15	240	831638	20.00	ng	0.00
86) Perylene-d12	23.37	264	806736	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1098242	89.02	ng	0.00
7) Phenol-d6	6.84	99	1282285	82.91	ng	0.00
23) Nitrobenzene-d5	8.80	82	1101925	95.94	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	625450	95.89	ng	0.00
45) 2-Fluorobiphenyl	12.91	172	2957419	89.81	ng	0.00
79) Terphenyl-d14	19.62	244	3994366	105.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.19	88	190254	40.336	ng	99
3) Pyridine	3.57	79	369767	29.789	ng	99
4) n-Nitrosodimethylamine	3.49	42	142735	44.034	ng	94
6) Aniline	6.98	93	587048	34.863	ng	99
8) 2-Chlorophenol	7.22	128	592008	43.042	ng	98
9) Benzaldehyde	6.79	77	90515	12.553	ng	98
10) Phenol	6.87	94	604134	42.151	ng	98
11) bis(2-Chloroethyl)ether	7.08	93	458044	40.377	ng	100
12) 1,3-Dichlorobenzene	7.53	146	647856	38.738	ng	98
13) 1,4-Dichlorobenzene	7.68	146	656397	38.878	ng	99
14) 1,2-Dichlorobenzene	8.00	146	614904	38.416	ng	99
15) Benzyl Alcohol	7.89	79	384526	44.128	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.18	45	382988	39.839	ng	99
17) 2-Methylphenol	8.10	107	437109	42.810	ng	100
18) Hexachloroethane	8.72	117	218326	39.527	ng	99
19) n-Nitroso-di-n-propylamine	8.45	70	288967	41.355	ng	99
20) 3+4-Methylphenols	8.43	107	586587	42.638	ng	99
22) Acetophenone	8.46	105	710709	38.542	ng	# 99
24) Nitrobenzene	8.84	77	481536	42.685	ng	100
25) Isophorone	9.36	82	912344	45.020	ng	100
26) 2-Nitrophenol	9.55	139	326983	48.630	ng	98
27) 2,4-Dimethylphenol	9.62	122	488002	48.279	ng	99
28) bis(2-Chloroethoxy)methane	9.85	93	597652	39.595	ng	99
29) 2,4-Dichlorophenol	10.09	162	559431	44.610	ng	98
30) 1,2,4-Trichlorobenzene	10.29	180	598125	40.058	ng	100
31) Naphthalene	10.48	128	1718863	40.405	ng	100
32) Benzoic acid	9.80	122	251819	35.165	ng	96
33) 4-Chloroaniline	10.59	127	582488	32.771	ng	100
34) Hexachlorobutadiene	10.77	225	362695	40.474	ng	99
35) Caprolactam	11.37	113	164805	43.732	ng	96
36) 4-Chloro-3-methylphenol	11.74	107	531705	45.410	ng	97
37) 2-Methylnaphthalene	12.10	142	1254522	41.224	ng	100
38) 1-Methylnaphthalene	12.32	142	1180916	40.828	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	611910	42.810	ng	99

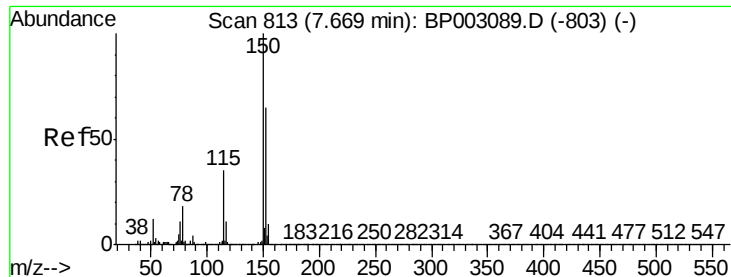
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091120\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	452578	66.981	nq	99
43) 2,4,6-Trichlorophenol	12.72	196	429633	45.712	nq	98
44) 2,4,5-Trichlorophenol	12.80	196	459725	46.243	nq	99
46) 1,1'-Biphenyl	13.12	154	1523737	42.123	nq	99
47) 2-Chloronaphthalene	13.16	162	1199009	40.493	nq	99
48) 2-Nitroaniline	13.36	65	261927	47.245	nq	95
49) Acenaphthylene	14.01	152	1913859	42.745	nq	99
50) Dimethylphthalate	13.76	163	1535268	41.746	nq	100
51) 2,6-Dinitrotoluene	13.87	165	348205	45.556	nq	99
52) Acenaphthene	14.36	154	1127481	40.990	nq	99
53) 3-Nitroaniline	14.20	138	308795	35.658	nq	100
54) 2,4-Dinitrophenol	14.42	184	265514	65.181	nq	96
55) Dibenzofuran	14.69	168	1787758	41.384	nq	97
56) 4-Nitrophenol	14.54	139	522411	83.853	nq	96
57) 2,4-Dinitrotoluene	14.67	165	474063	46.128	nq	98
58) Fluorene	15.35	166	1384170	41.595	nq	100
59) 2,3,4,6-Tetrachlorophenol	14.93	232	403553	44.866	nq	99
60) Diethylphthalate	15.13	149	1543372	42.775	nq	100
61) 4-Chlorophenyl-phenylether	15.35	204	710446	41.342	nq	99
62) 4-Nitroaniline	15.37	138	353295	39.689	nq	95
63) Azobenzene	15.64	77	1056200	44.106	nq	99
65) 4,6-Dinitro-2-methylphenol	15.44	198	232585	48.966	nq	98
66) n-Nitrosodiphenylamine	15.56	169	1285124	44.251	nq	99
67) 4-Bromophenyl-phenylether	16.24	248	482833	44.048	nq	96
68) Hexachlorobenzene	16.36	284	564469	43.253	nq	100
69) Atrazine	16.52	200	392425	40.064	nq	99
70) Pentachlorophenol	16.71	266	527064	84.456	nq	99
71) Phenanthrene	17.09	178	2231963	41.472	nq	99
72) Anthracene	17.18	178	2261602	43.909	nq	100
73) Carbazole	17.45	167	2058429	41.641	nq	100
74) Di-n-butylphthalate	18.02	149	2589053	44.554	nq	100
75) Fluoranthene	19.07	202	2544887	40.914	nq	100
77) Benzidine	19.25	184	987124	51.935	nq	99
78) Pyrene	19.42	202	2523960	46.761	nq	100
80) Butylbenzylphthalate	20.30	149	1120080	50.400	nq	97
81) Benzo(a)anthracene	21.13	228	2210680	42.437	nq	100
82) 3,3'-Dichlorobenzidine	21.06	252	780124	40.713	nq	98
83) Chrysene	21.18	228	2148840	43.083	nq	100
84) Bis(2-ethylhexyl)phthalate	21.07	149	1541576	48.033	nq	99
85) Di-n-octyl phthalate	21.94	149	2650075	48.160	nq	99
87) Indeno(1,2,3-cd)pyrene	25.66	276	2734225	45.448	nq	100
88) Benzo(b)fluoranthene	22.70	252	2225351	44.382	nq	99
89) Benzo(k)fluoranthene	22.75	252	2176386	45.429	nq	99
90) Benzo(a)pyrene	23.28	252	2033740	43.720	nq	100
91) Dibenzo(a,h)anthracene	25.67	278	2289180	46.319	nq	100
92) Benzo(g,h,i)perylene	26.35	276	2317945	46.735	nq	99

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

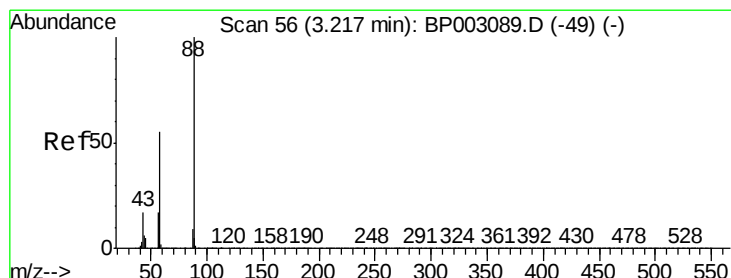
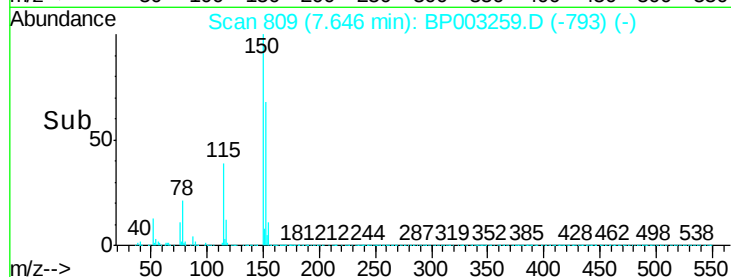
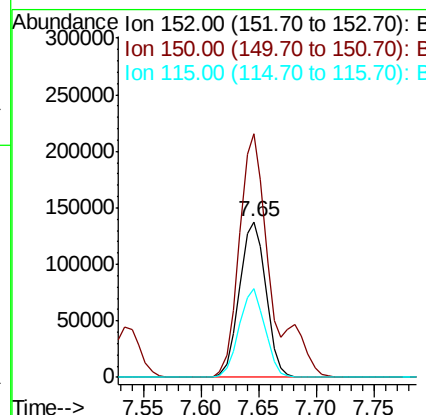
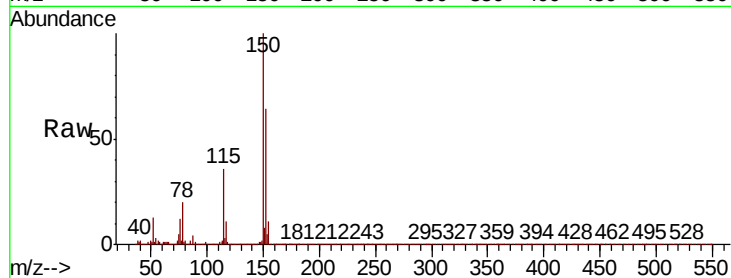


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 809
Delta R.T. -0.01 min
Lab File: BP003259.D
Acq: 11 Sep 2020 14:17

Instrument :
BNA_P
ClientSampleId :
PB131546BS

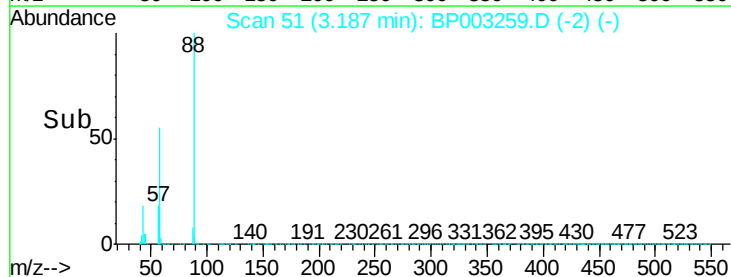
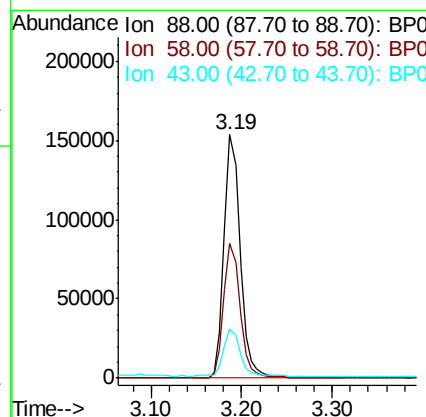
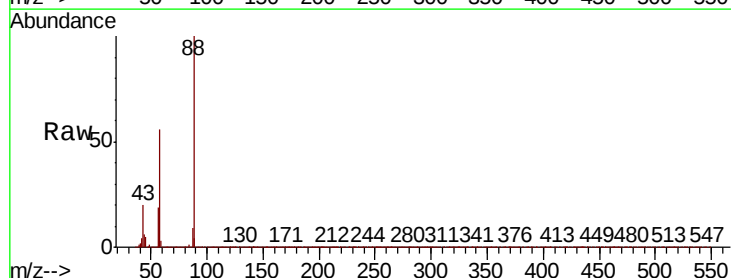
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	123.8	185.6
115	56.9	43.8	65.6

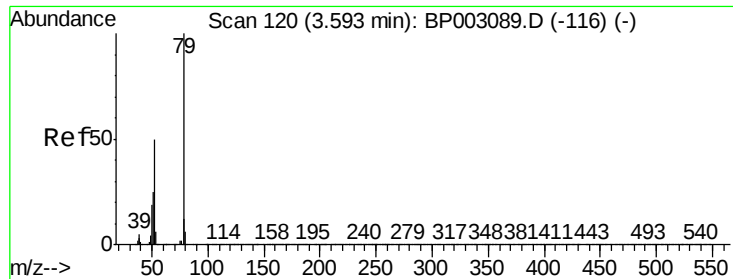


#2

1,4-Dioxane
Concen: 40.336 ng
RT: 3.19 min Scan# 51
Delta R.T. -0.01 min
Lab File: BP003259.D
Acq: 11 Sep 2020 14:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.8	44.2	66.4
43	20.1	15.2	22.8





#3

Pvridine

Concen: 29.789 ng

RT: 3.57 min Scan# 116

Delta R.T. -0.01 min

Lab File: BP003259.D

Acq: 11 Sep 2020 14:17

Instrument :

BNA_P

ClientSampleId :

PB131546BS

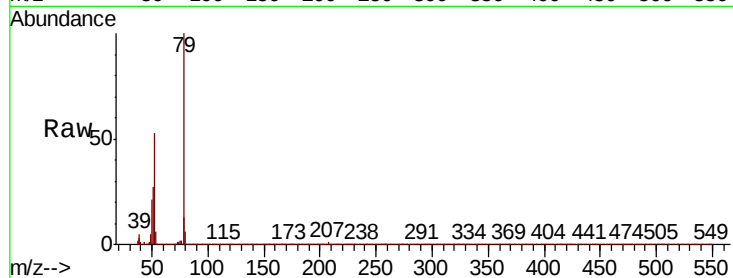
Tot Ion: 79 Resp: 369767

Ion Ratio Lower Upper

79 100

52 52.5 41.3 61.9

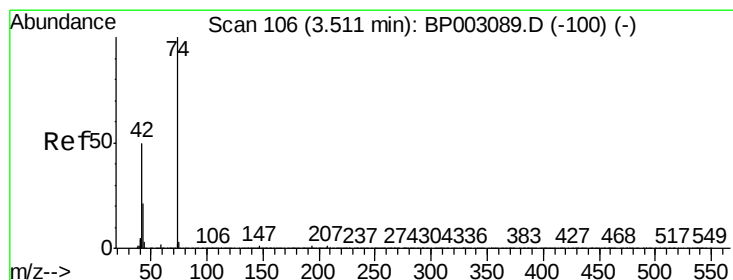
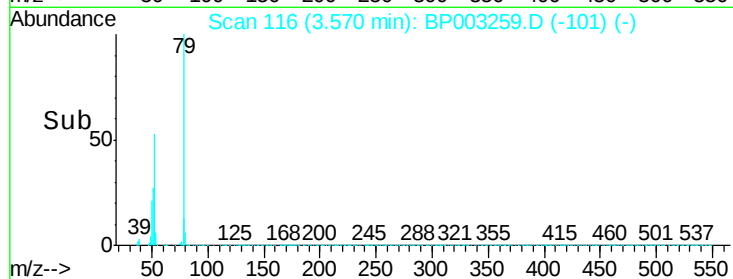
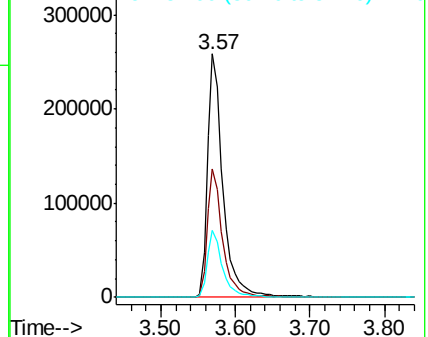
51 27.3 21.2 31.8



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: 44.034 ng

RT: 3.49 min Scan# 102

Delta R.T. -0.01 min

Lab File: BP003259.D

Acq: 11 Sep 2020 14:17

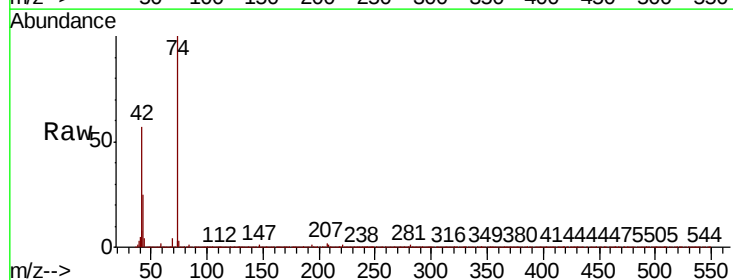
Tgt Ion: 42 Resp: 142735

Ion Ratio Lower Upper

42 100

74 176.9 148.6 223.0

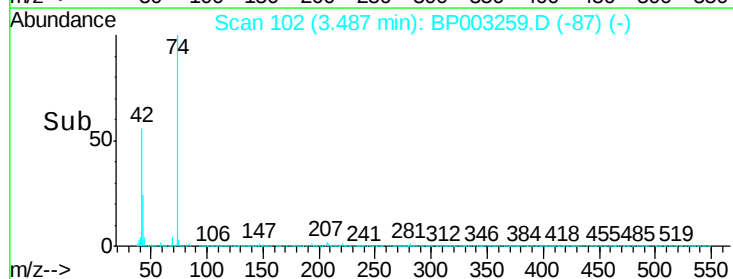
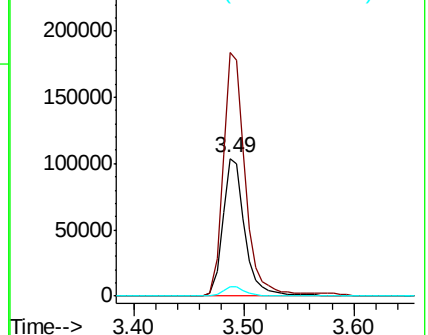
44 6.6 5.3 7.9

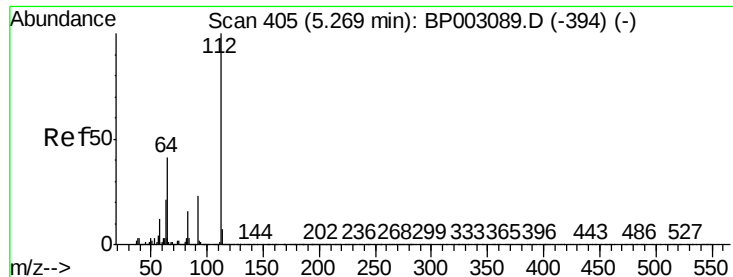


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 89.017 ng

RT: 5.26 min Scan# 404

Delta R.T. -0.00 min

Lab File: BP003259.D

Acq: 11 Sep 2020 14:17

Instrument :

BNA_P

ClientSampleId :

PB131546BS

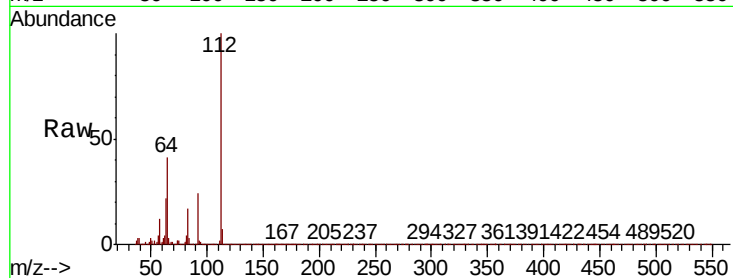
Tot Ion:112 Resp: 1098242

Ion Ratio Lower Upper

112 100

64 41.1 32.8 49.2

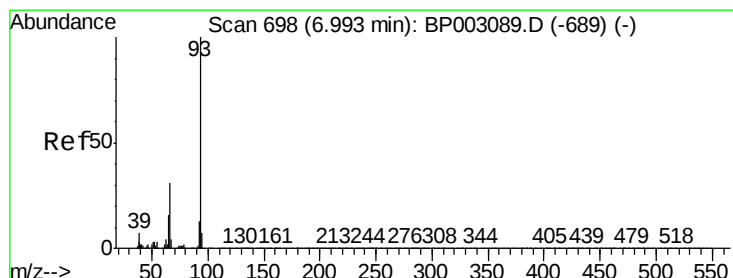
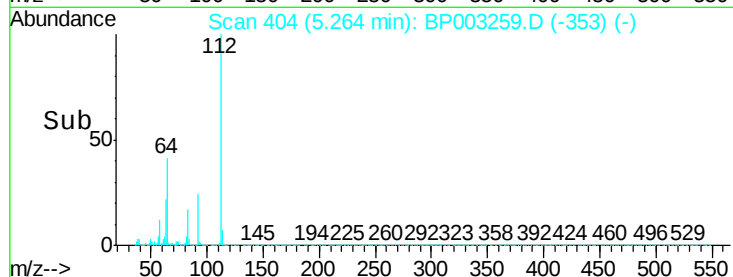
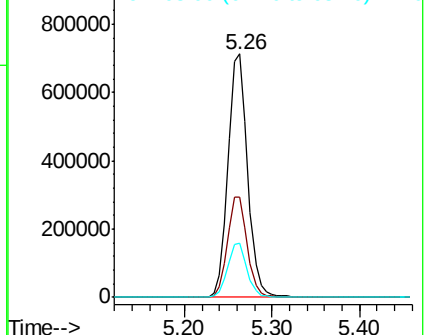
63 22.1 17.0 25.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 34.863 ng

RT: 6.98 min Scan# 695

Delta R.T. -0.01 min

Lab File: BP003259.D

Acq: 11 Sep 2020 14:17

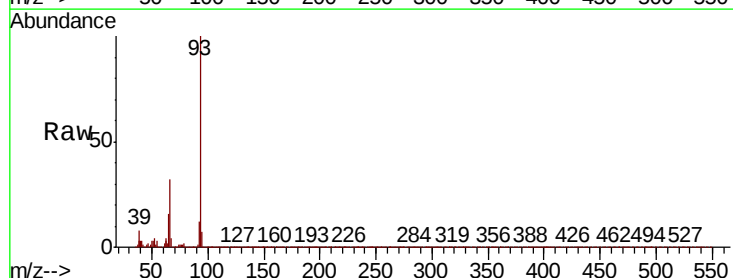
Tgt Ion: 93 Resp: 587048

Ion Ratio Lower Upper

93 100

66 32.5 25.4 38.0

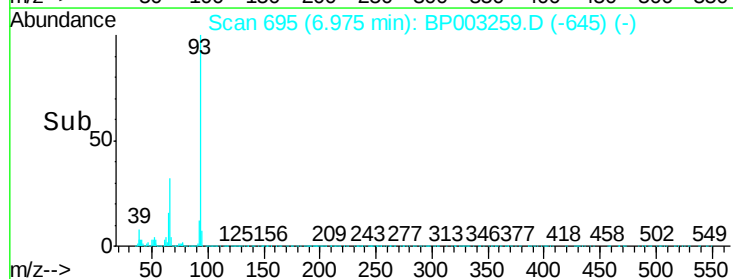
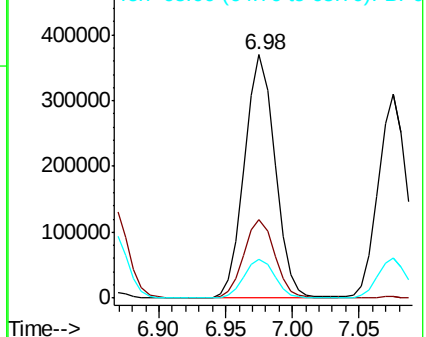
65 16.0 12.5 18.7

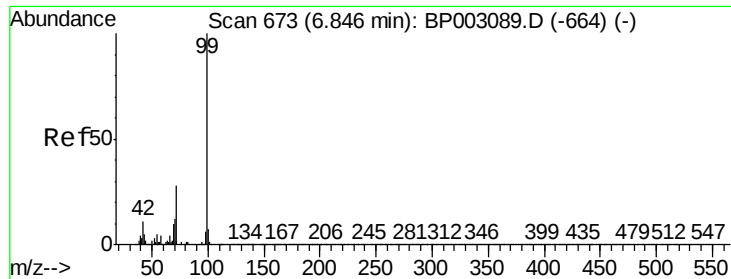


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 82.910 ng

RT: 6.84 min Scan# 672

Delta R.T. 0.01 min

Lab File: BP003259.D

Acq: 11 Sep 2020 14:17

Instrument :

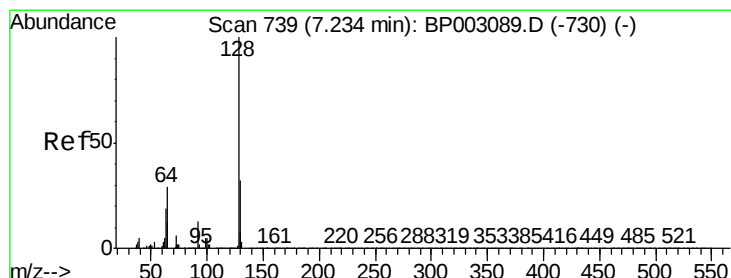
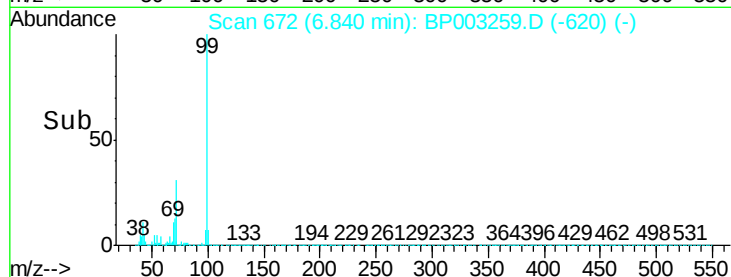
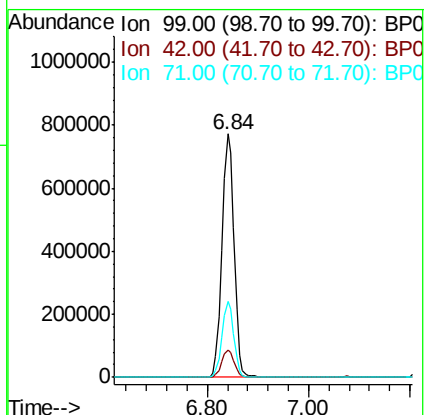
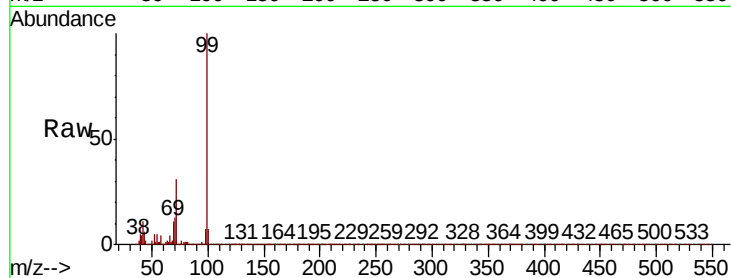
BNA_P

ClientSampleId :

PB131546BS

Tot Ion: 99 Resp: 1282285

Ion	Ratio	Lower	Upper
99	100		
42	11.3	8.6	13.0
71	31.0	23.4	35.2



#8

2-Chlorophenol

Concen: 43.042 ng

RT: 7.22 min Scan# 736

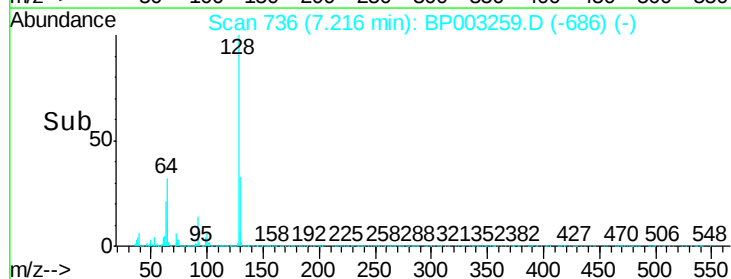
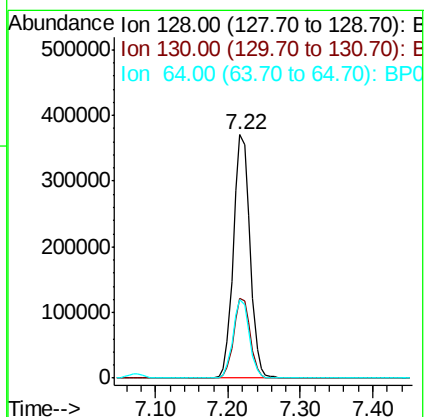
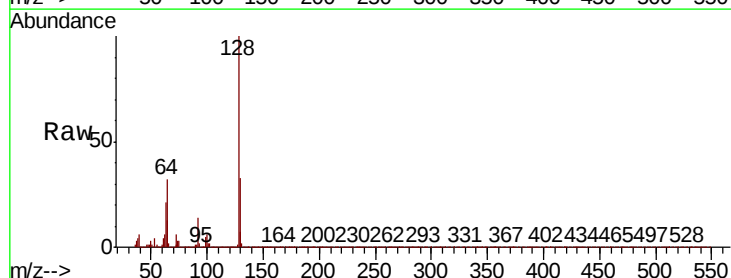
Delta R.T. -0.01 min

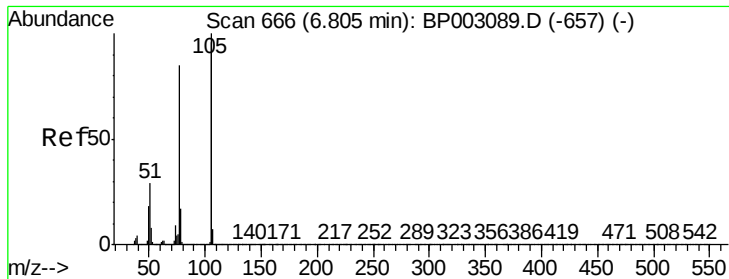
Lab File: BP003259.D

Acq: 11 Sep 2020 14:17

Tgt Ion: 128 Resp: 592008

Ion	Ratio	Lower	Upper
128	100		
130	32.8	13.0	53.0
64	32.3	10.4	50.4





#9

Benzaldehyde

Concen: 12.553 ng

RT: 6.79 min Scan# 663

Delta R.T. -0.01 min

Lab File: BP003259.D

Acq: 11 Sep 2020 14:17

Instrument :

BNA_P

ClientSampleId :

PB131546BS

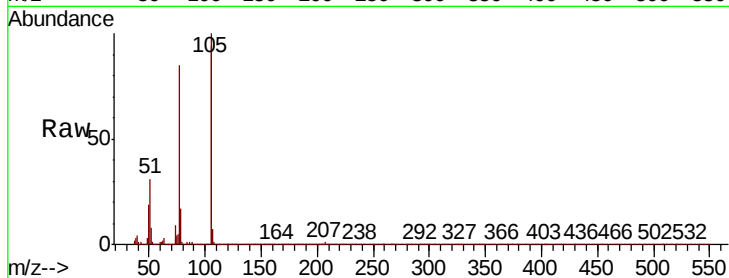
Tot Ion: 77 Resp: 90515

Ion Ratio Lower Upper

77 100

105 118.3 97.1 137.1

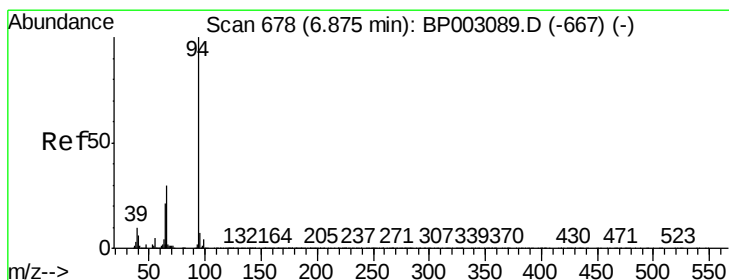
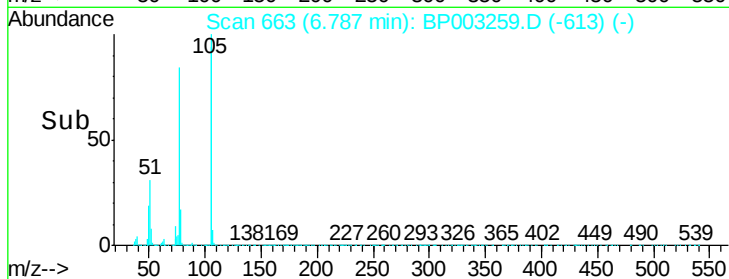
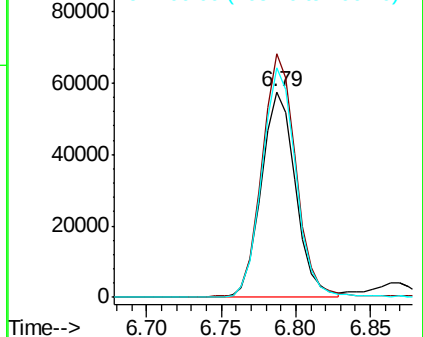
106 111.4 93.7 133.7



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B



#10

Phenol

Concen: 42.151 ng

RT: 6.87 min Scan# 677

Delta R.T. 0.01 min

Lab File: BP003259.D

Acq: 11 Sep 2020 14:17

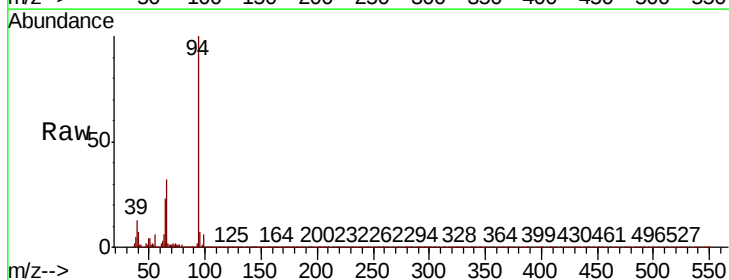
Tgt Ion: 94 Resp: 604134

Ion Ratio Lower Upper

94 100

65 23.1 2.3 42.3

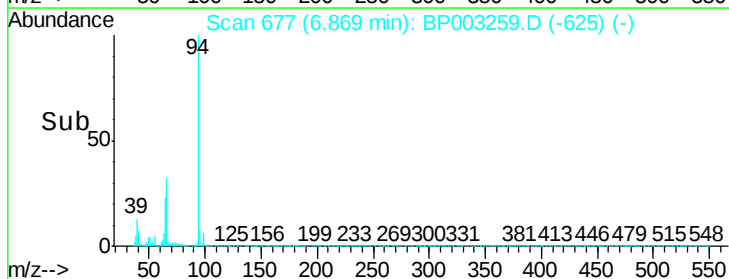
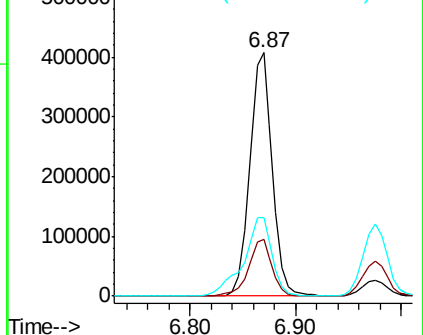
66 32.4 10.9 50.9

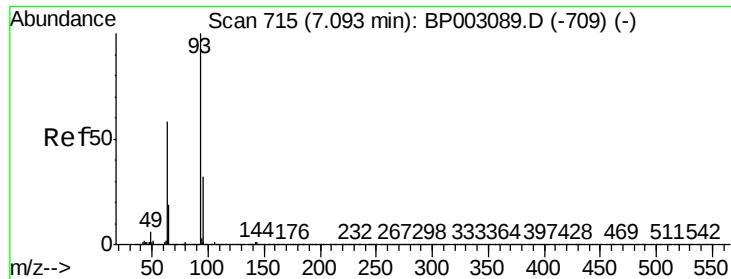


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

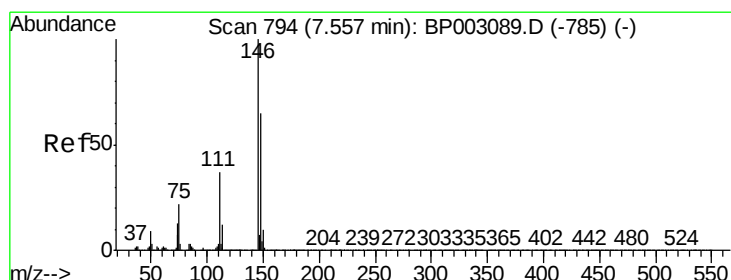
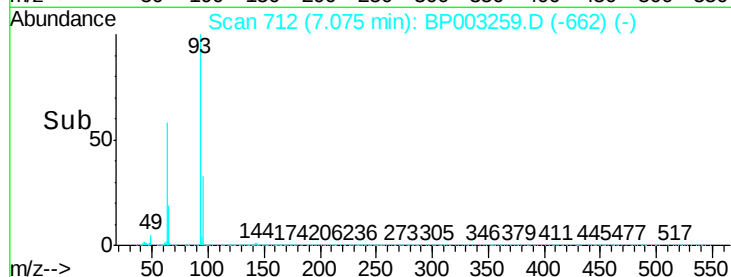
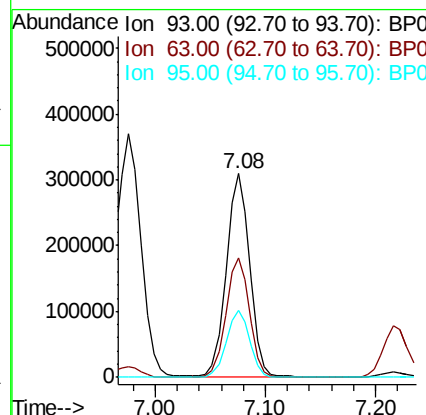
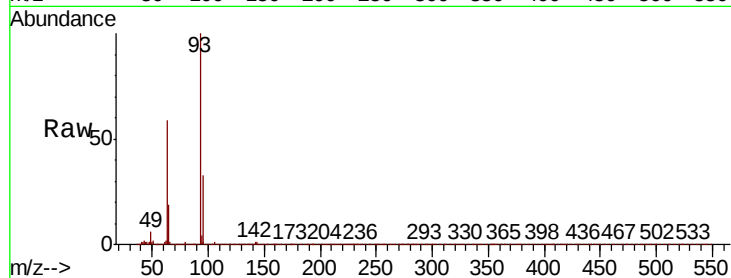




#11
bis(2-Chloroethyl)ether
Concen: 40.377 ng
RT: 7.08 min Scan# 712
Delta R.T. -0.01 min
Lab File: BP003259.D
Acq: 11 Sep 2020 14:17

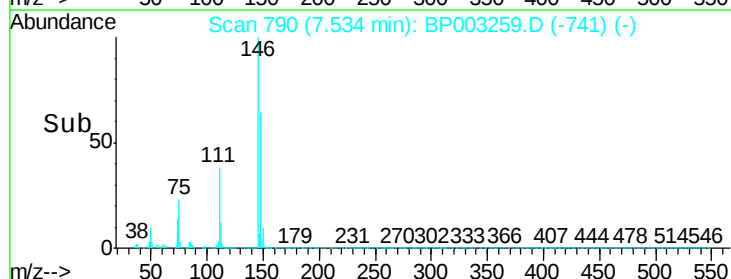
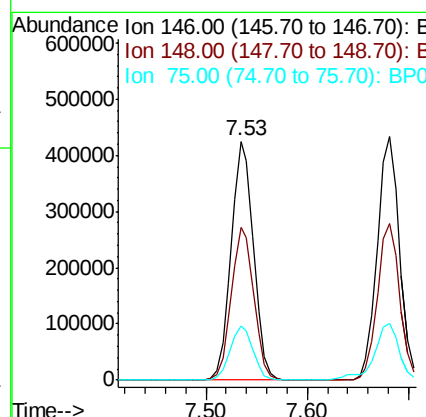
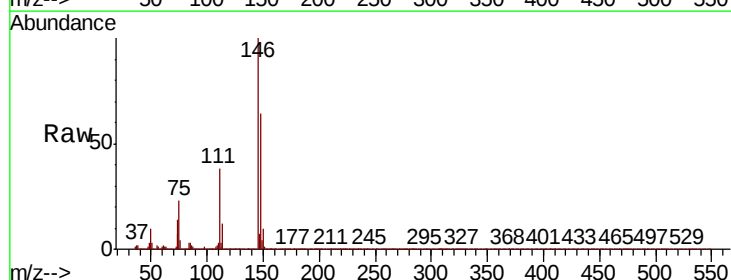
Instrument :
BNA_P
ClientSampleId :
PB131546BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	58.8	39.0	79.0
95	32.6	12.8	52.8



#12
1,3-Dichlorobenzene
Concen: 38.738 ng
RT: 7.53 min Scan# 790
Delta R.T. -0.01 min
Lab File: BP003259.D
Acq: 11 Sep 2020 14:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.5	78.7
75	22.8	18.1	27.1

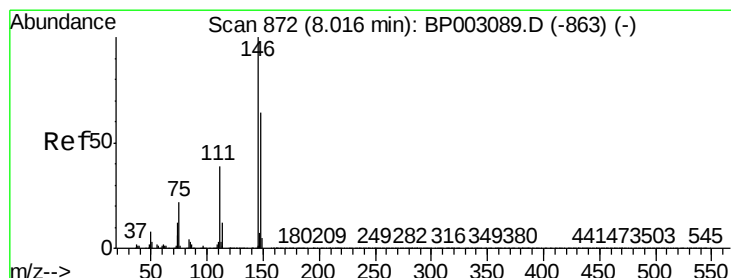
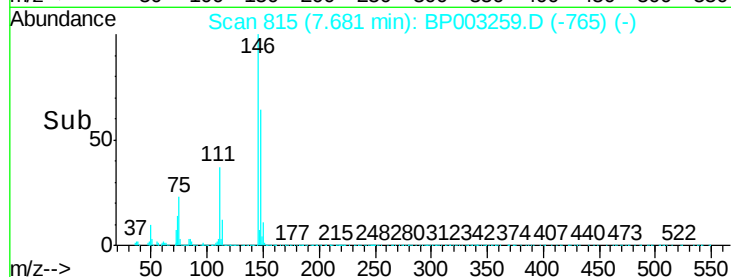
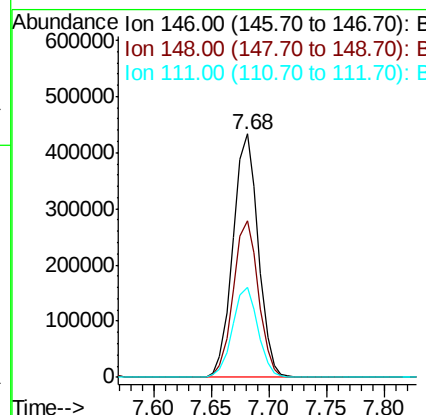
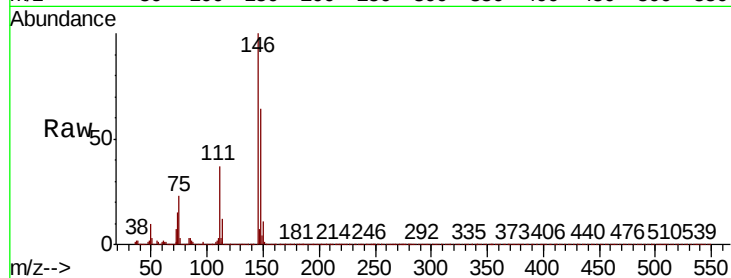




#13
1,4-Dichlorobenzene
Concen: 38.878 ng
RT: 7.68 min Scan# 815
Delta R.T. -0.01 min
Lab File: BP003259.D
Acq: 11 Sep 2020 14:17

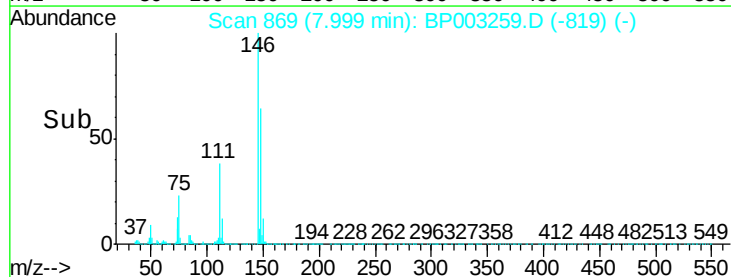
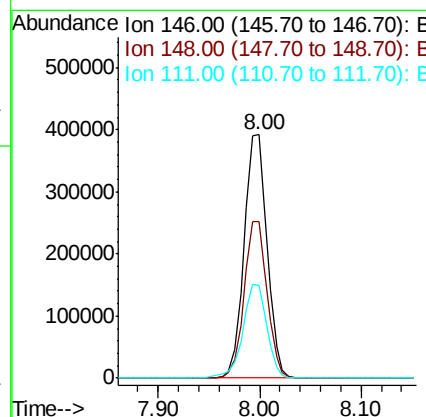
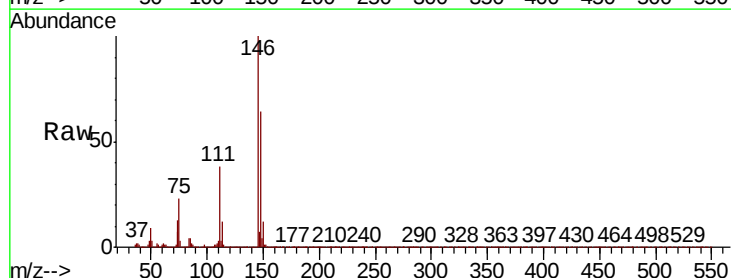
Instrument :
BNA_P
ClientSampleId :
PB131546BS

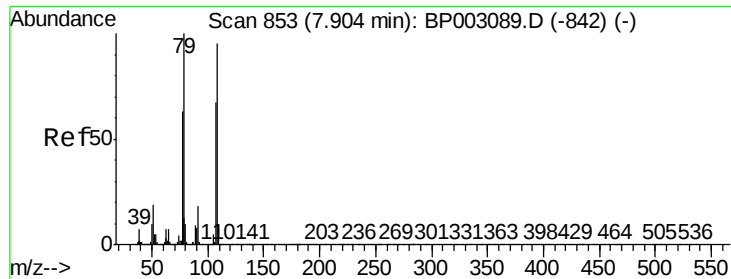
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.3	76.9
111	36.8	28.9	43.3



#14
1,2-Dichlorobenzene
Concen: 38.416 ng
RT: 8.00 min Scan# 869
Delta R.T. -0.01 min
Lab File: BP003259.D
Acq: 11 Sep 2020 14:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.6	77.4
111	38.0	31.0	46.6

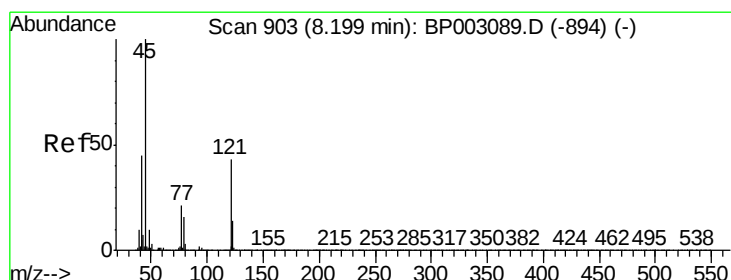
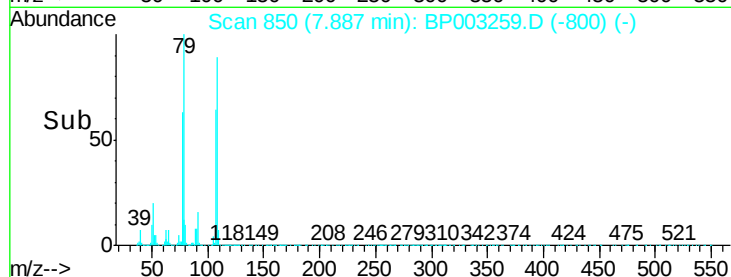
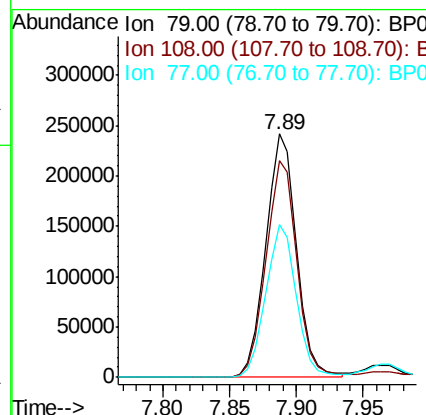
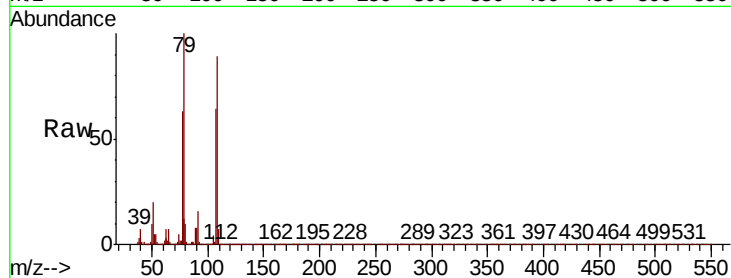




#15
Benzyl Alcohol
Concen: 44.128 ng
RT: 7.89 min Scan# 850
Delta R.T. -0.01 min
Lab File: BP003259.D
Acq: 11 Sep 2020 14:17

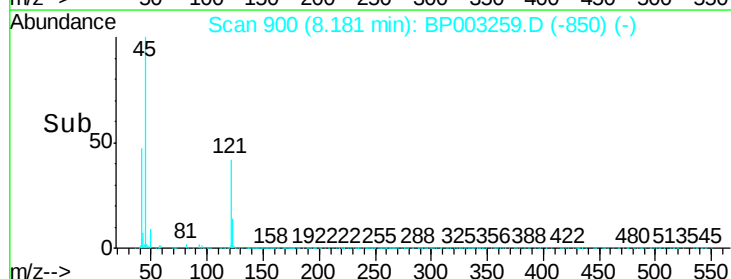
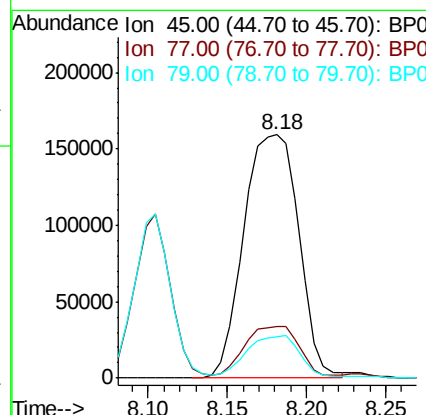
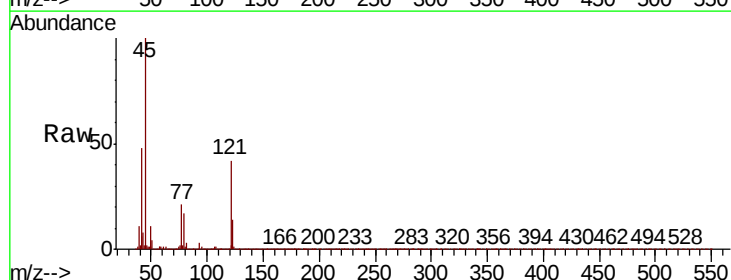
Instrument :
BNA_P
ClientSampleId :
PB131546BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	89.1	73.5	110.3
77	62.5	50.3	75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.839 ng
RT: 8.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BP003259.D
Acq: 11 Sep 2020 14:17

Tgt Ion	Ratio	Lower	Upper
45	100		
77	21.5	2.3	42.3
79	16.8	0.0	36.6

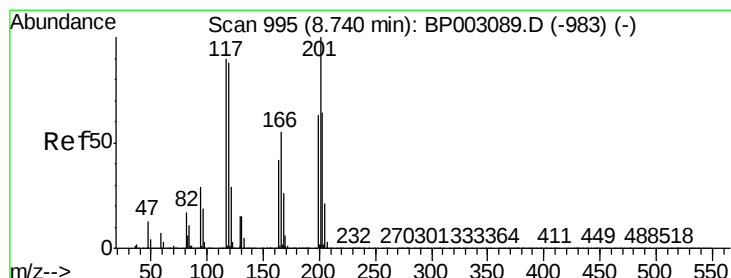
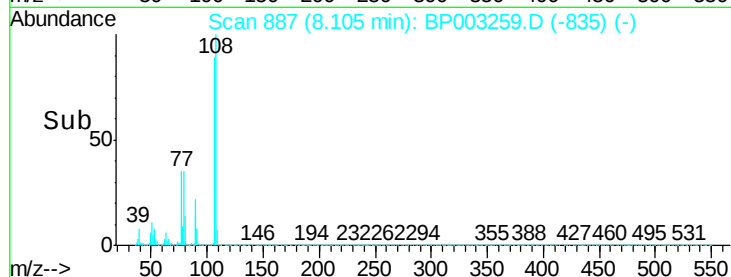
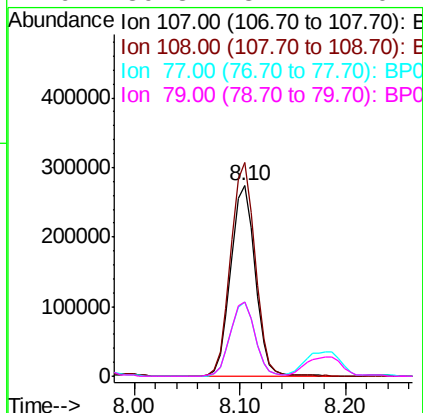
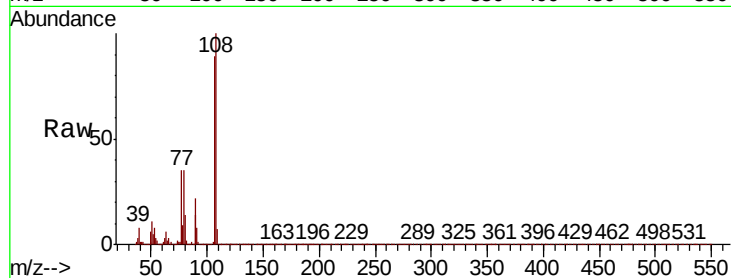




#17
2-Methylphenol
Concen: 42.810 ng
RT: 8.10 min Scan# 887
Delta R.T. 0.01 min
Lab File: BP003259.D
Acq: 11 Sep 2020 14:17

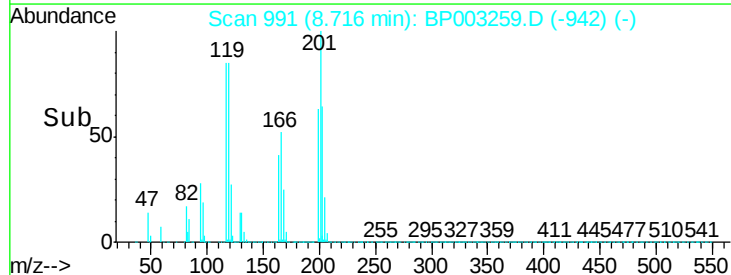
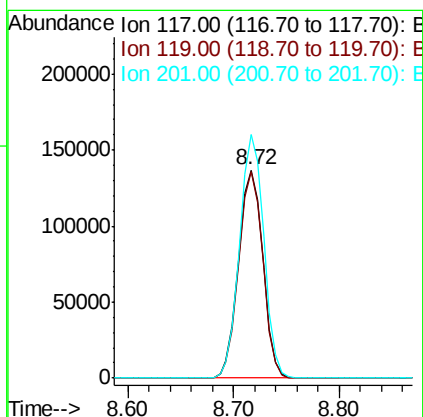
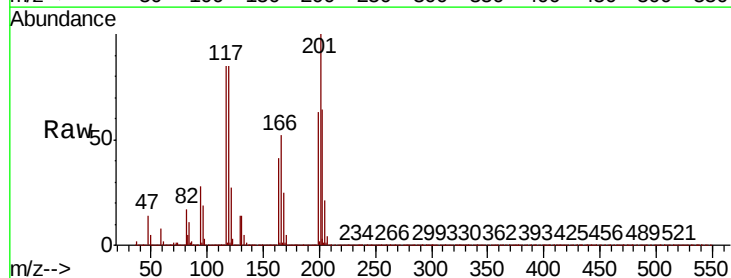
Instrument :
BNA_P
ClientSampleId :
PB131546BS

Tot Ion:	107	Resp:	437109
Ion	Ratio	Lower	Upper
107	100		
108	112.1	89.6	134.4
77	39.2	31.8	47.6
79	39.3	31.1	46.7



#18
Hexachloroethane
Concen: 39.527 ng
RT: 8.72 min Scan# 991
Delta R.T. -0.01 min
Lab File: BP003259.D
Acq: 11 Sep 2020 14:17

Tgt Ion:	117	Resp:	218326
Ion	Ratio	Lower	Upper
117	100		
119	99.0	78.8	118.2
201	117.0	92.3	138.5

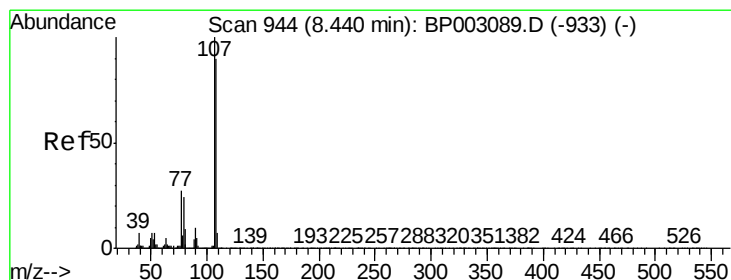
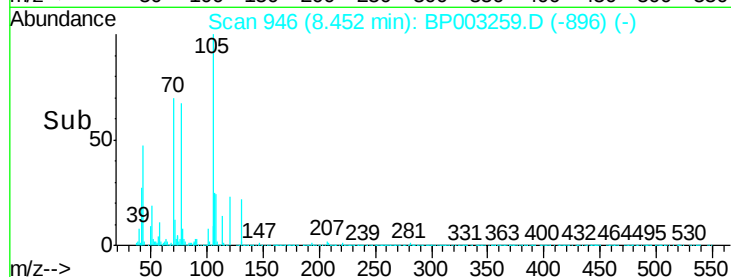
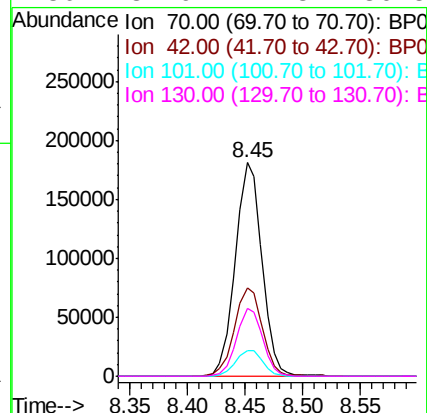
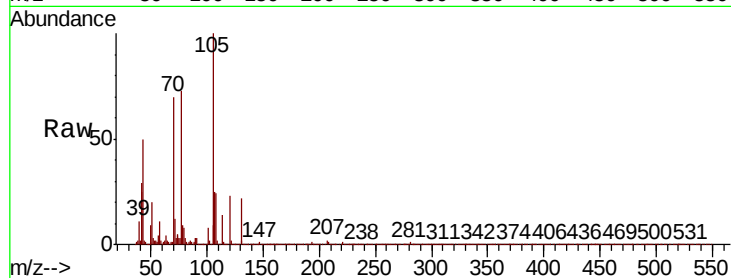




#19
n-Nitroso-di-n-propylamine
Concen: 41.355 ng
RT: 8.45 min Scan# 946
Delta R.T. -0.01 min
Lab File: BP003259.D
Acq: 11 Sep 2020 14:17

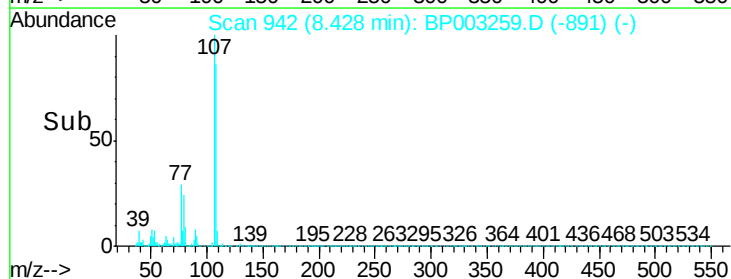
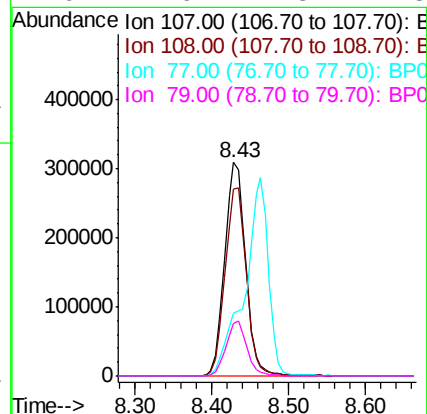
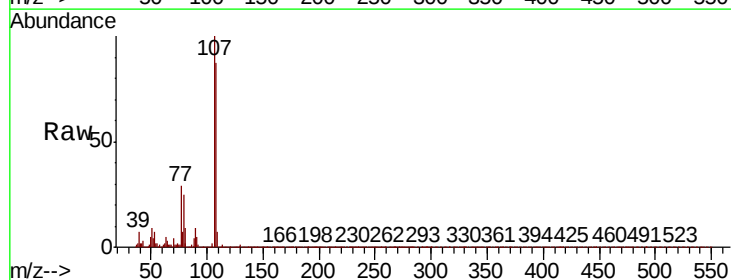
Instrument :
BNA_P
ClientSampleId :
PB131546BS

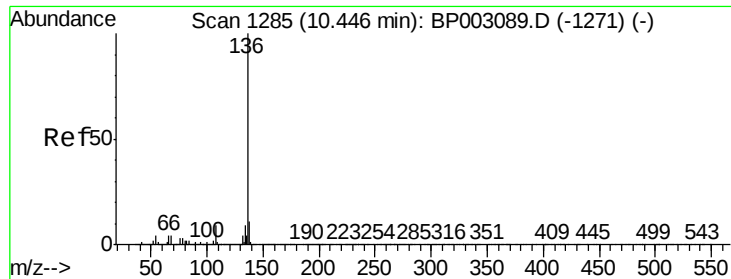
Tot Ion:	70	Resp:	288967
Ion	Ratio	Lower	Upper
70	100		
42	41.5	32.8	49.2
101	12.1	9.6	14.4
130	31.9	24.3	36.5



#20
3+4-Methylphenols
Concen: 42.638 ng
RT: 8.43 min Scan# 942
Delta R.T. -0.00 min
Lab File: BP003259.D
Acq: 11 Sep 2020 14:17

Tgt Ion:	107	Resp:	586587
Ion	Ratio	Lower	Upper
107	100		
108	87.5	69.0	109.0
77	29.1	8.5	48.5
79	24.6	4.8	44.8

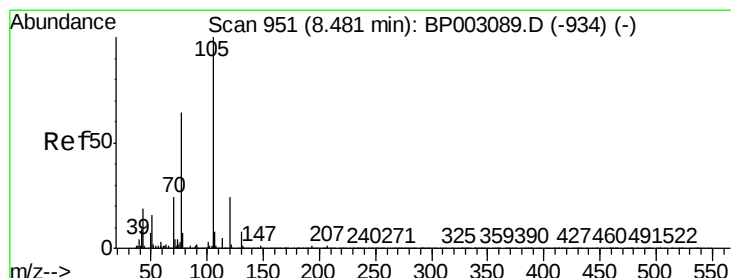
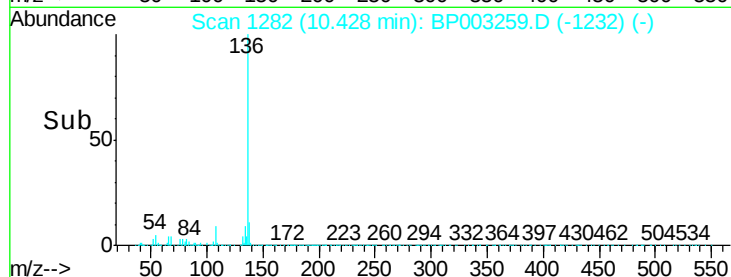
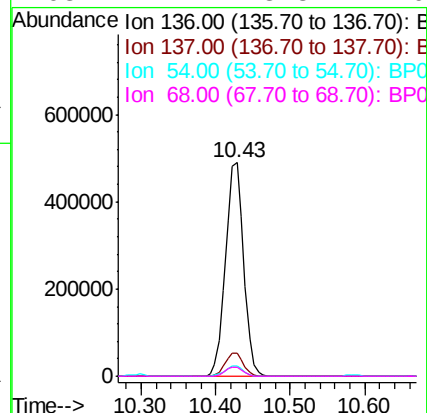
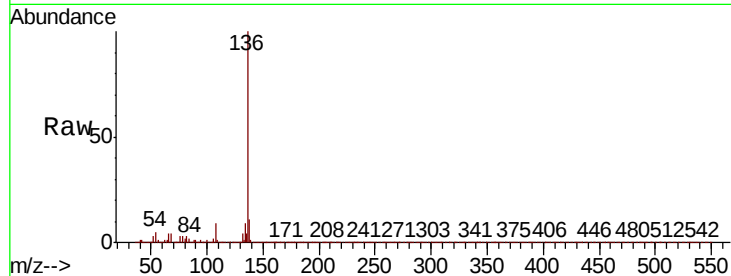




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BP003259.D
Acq: 11 Sep 2020 14:17

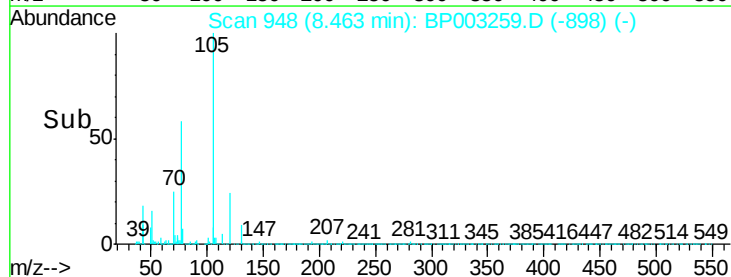
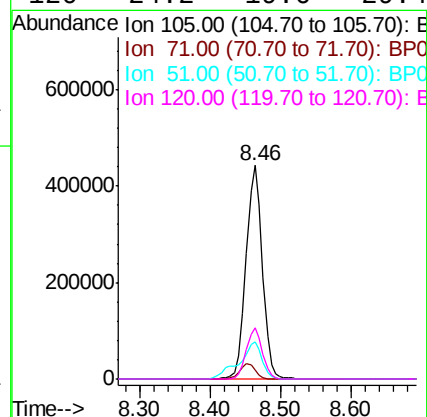
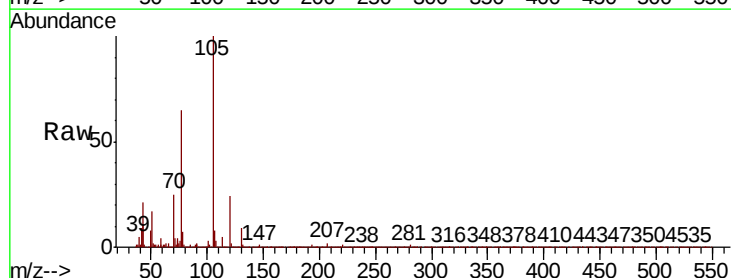
Instrument :
BNA_P
ClientSampleId :
PB131546BS

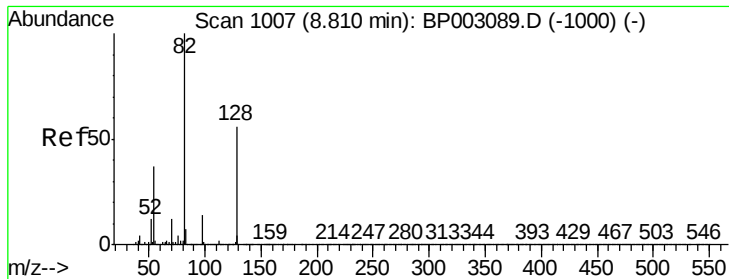
Tot Ion:136	Resp:	828009	
Ion Ratio	Lower	Upper	
136 100			
137 10.6	8.6	13.0	
54 4.7	3.6	5.4	
68 4.2	3.3	4.9	



#22
Acetophenone
Concen: 38.542 ng
RT: 8.46 min Scan# 948
Delta R.T. -0.01 min
Lab File: BP003259.D
Acq: 11 Sep 2020 14:17

Tgt	Ion:105	Resp:	710709
Ion	Ratio	Lower	Upper
105	100		
71	4.2	2.6	3.8#
51	17.4	13.5	20.3
120	24.2	19.6	29.4





#23

Nitrobenzene-d5

Concen: 95.939 ng

RT: 8.80 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BP003259.D

Acq: 11 Sep 2020 14:17

Instrument :

BNA_P

ClientSampleId :

PB131546BS

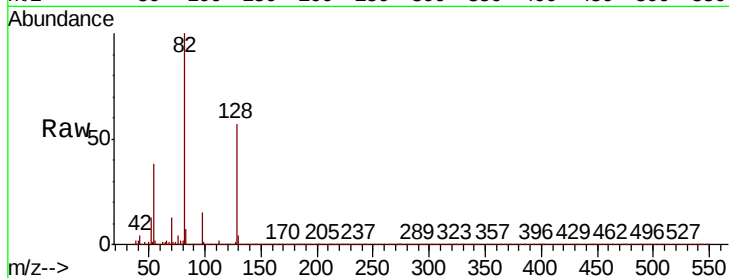
Tot Ion: 82 Resp: 1101925

Ion Ratio Lower Upper

82 100

128 56.9 45.6 68.4

54 38.3 30.1 45.1



Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0

8.80

600000

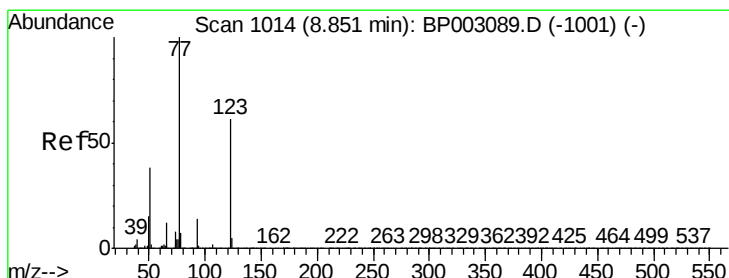
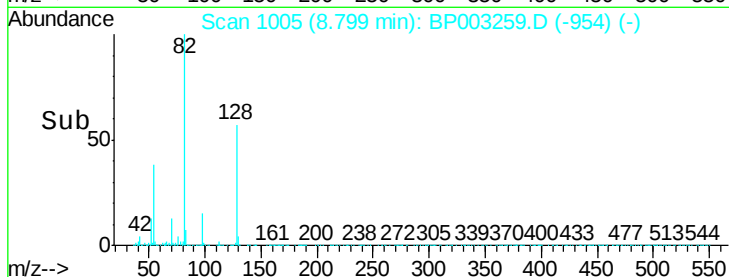
400000

200000

0

8.70 8.80 8.90 9.00

Time-->



#24

Nitrobenzene

Concen: 42.685 ng

RT: 8.84 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BP003259.D

Acq: 11 Sep 2020 14:17

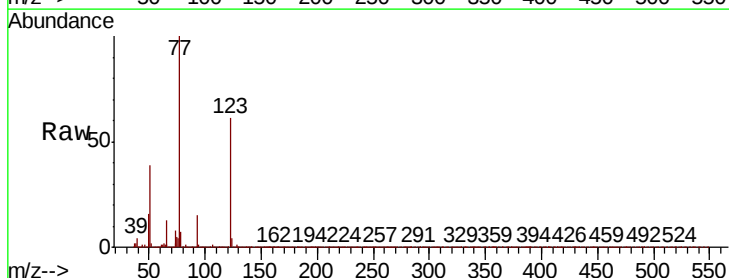
Tgt Ion: 77 Resp: 481536

Ion Ratio Lower Upper

77 100

123 61.0 48.6 72.8

65 12.6 10.0 15.0



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BP0

8.84

400000

300000

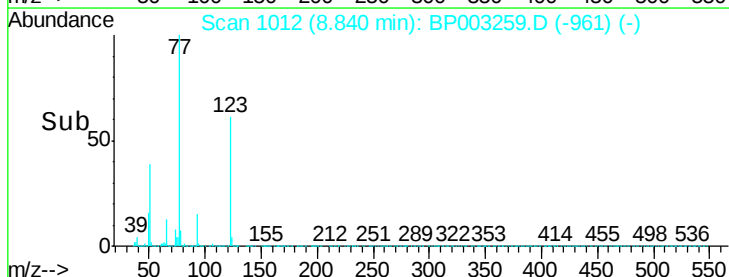
200000

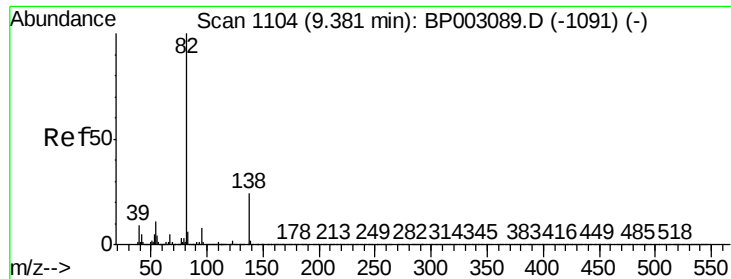
100000

0

8.70 8.80 8.90 9.00

Time-->





#25

Isophorone

Concen: 45.020 ng

RT: 9.36 min Scan# 1101

Delta R.T. -0.00 min

Lab File: BP003259.D

Acq: 11 Sep 2020 14:17

Instrument :

BNA_P

ClientSampleId :

PB131546BS

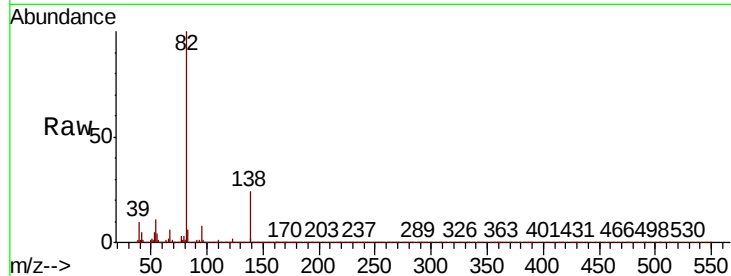
Tot Ion: 82 Resp: 912344

Ion Ratio Lower Upper

82 100

95 8.0 6.4 9.6

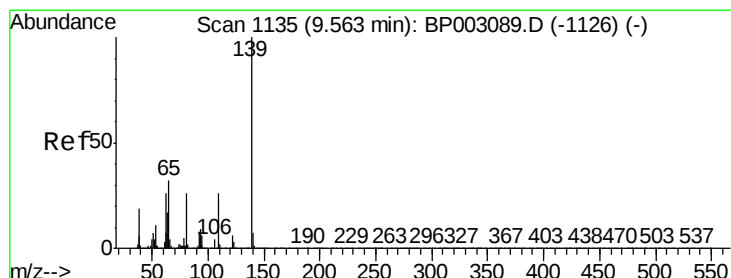
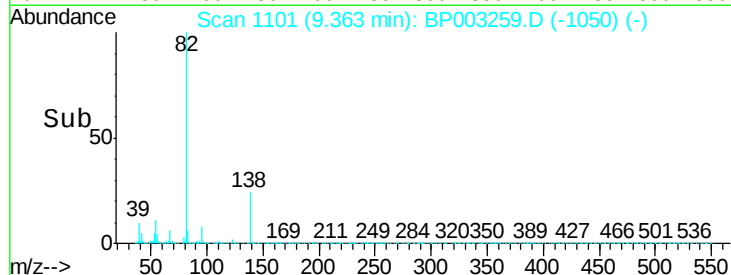
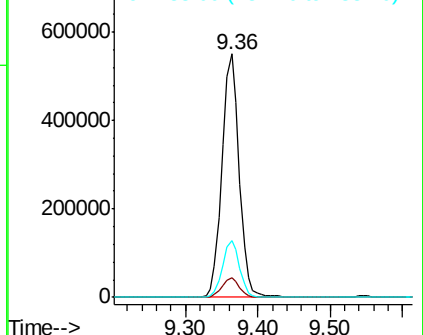
138 23.6 18.7 28.1



Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 138.00 (137.70 to 138.70): BP0



#26

2-Nitrophenol

Concen: 48.630 ng

RT: 9.55 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BP003259.D

Acq: 11 Sep 2020 14:17

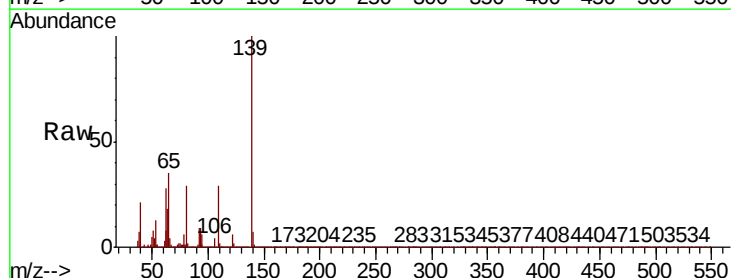
Tgt Ion: 139 Resp: 326983

Ion Ratio Lower Upper

139 100

109 28.8 22.1 33.1

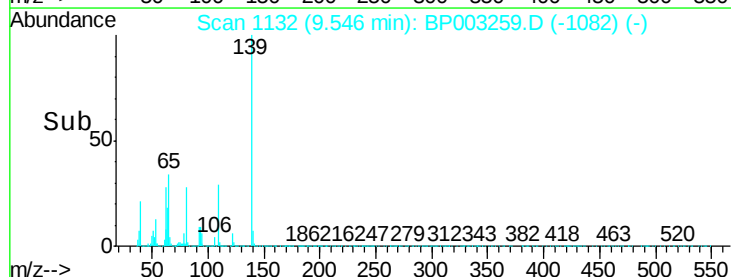
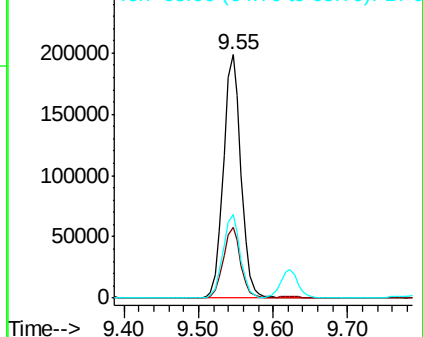
65 34.5 26.5 39.7

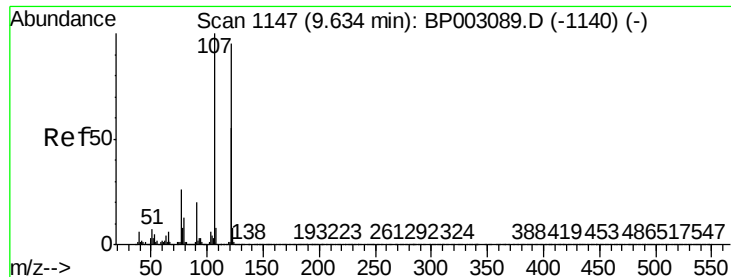


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0





#27

2,4-Dimethylphenol

Concen: 48.279 ng

RT: 9.62 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BP003259.D

Acq: 11 Sep 2020 14:17

Instrument :

BNA_P

ClientSampleId :

PB131546BS

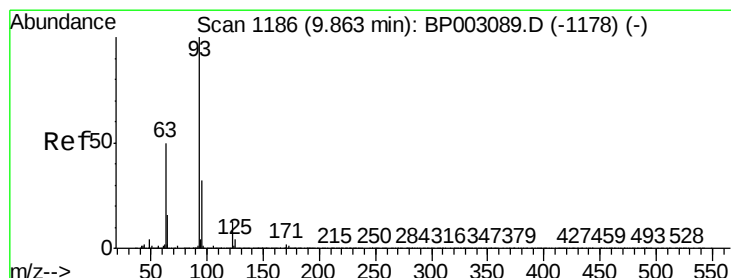
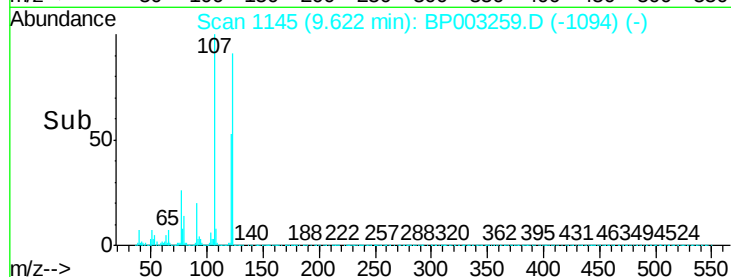
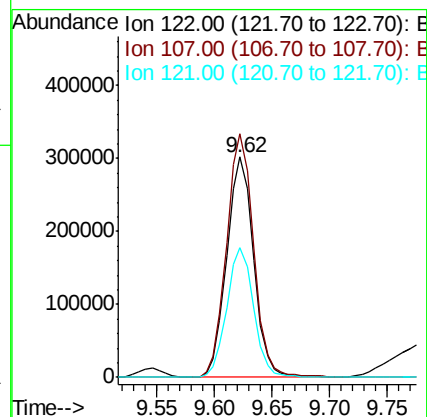
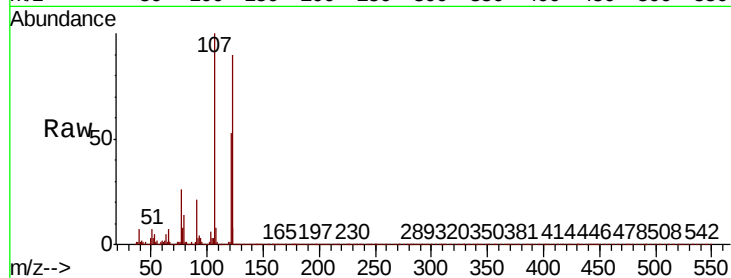
Tot Ion:122 Resp: 488002

Ion Ratio Lower Upper

122 100

107 110.5 87.3 130.9

121 59.1 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 39.595 ng

RT: 9.85 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BP003259.D

Acq: 11 Sep 2020 14:17

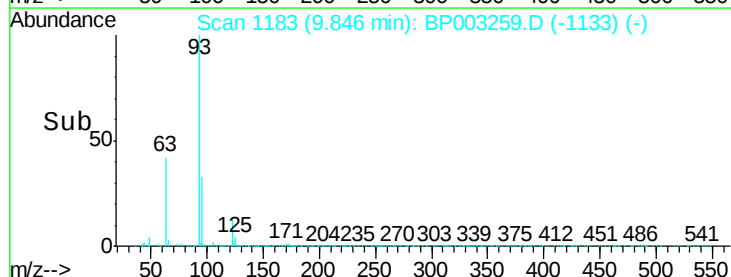
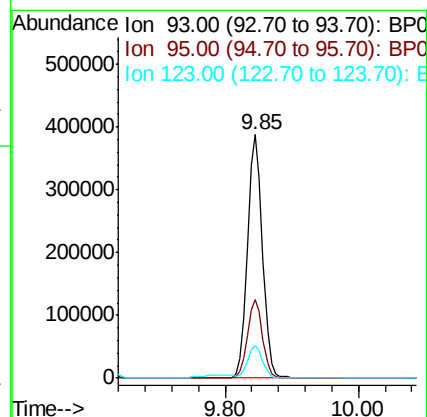
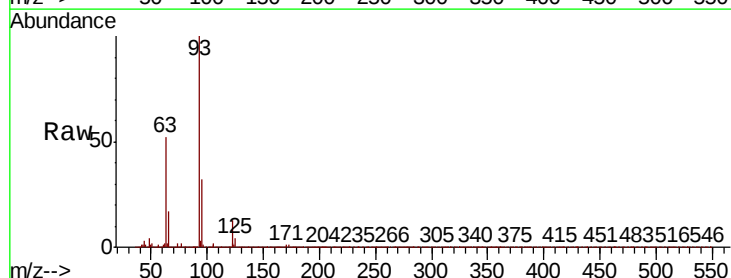
Tgt Ion: 93 Resp: 597652

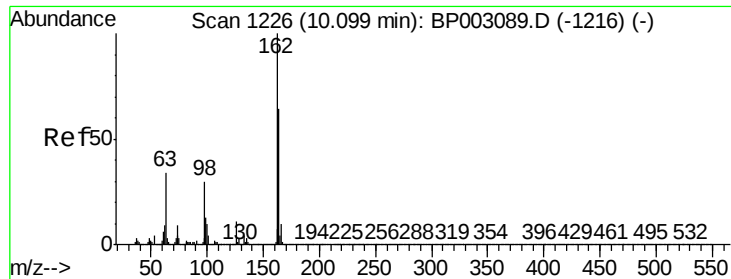
Ion Ratio Lower Upper

93 100

95 32.4 26.7 40.1

123 13.3 10.5 15.7

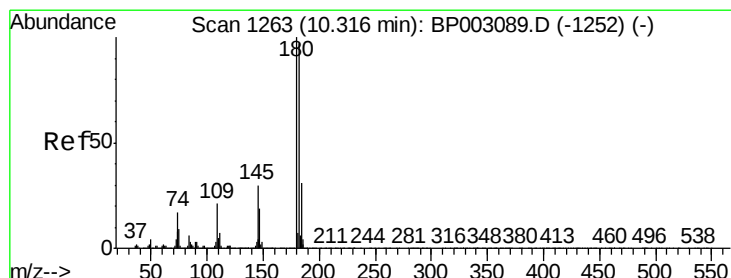
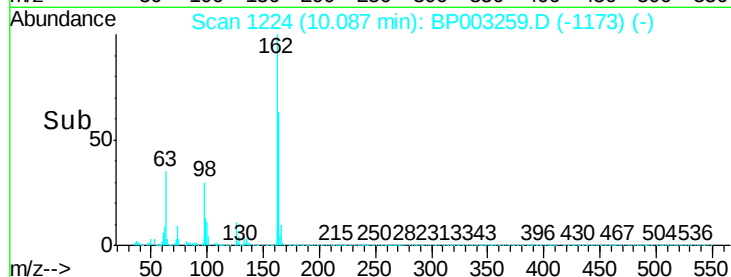
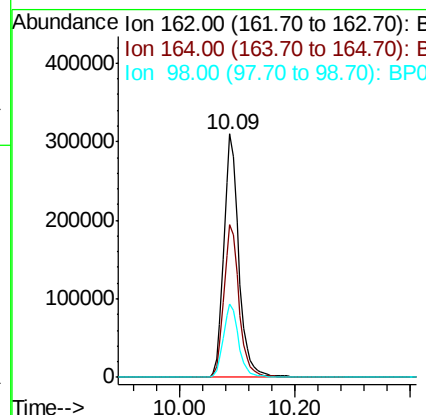
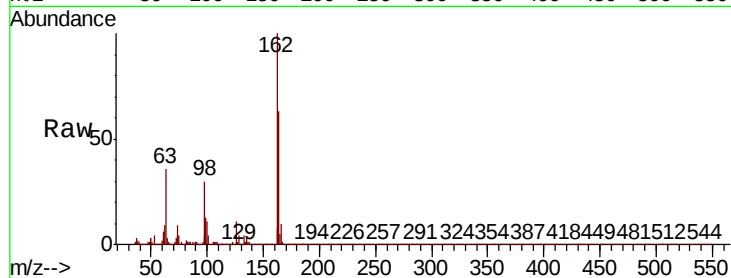




#29
2,4-Dichlorophenol
Concen: 44.610 ng
RT: 10.09 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BP003259.D
Acq: 11 Sep 2020 14:17

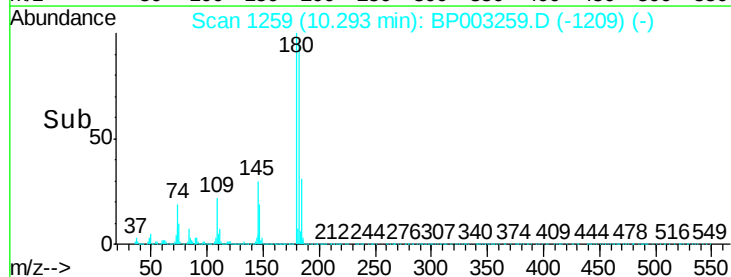
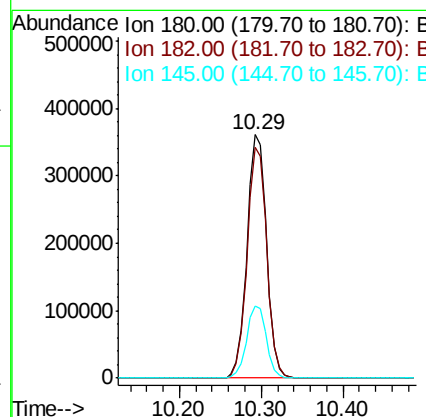
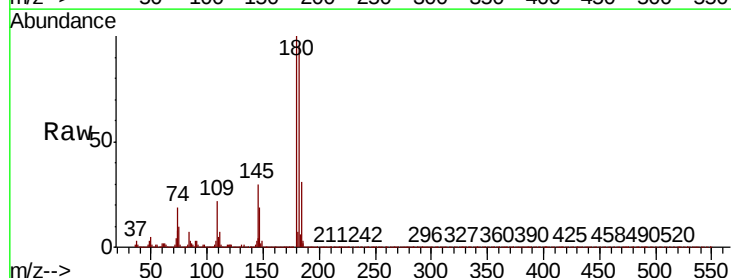
Instrument :
BNA_P
ClientSampleId :
PB131546BS

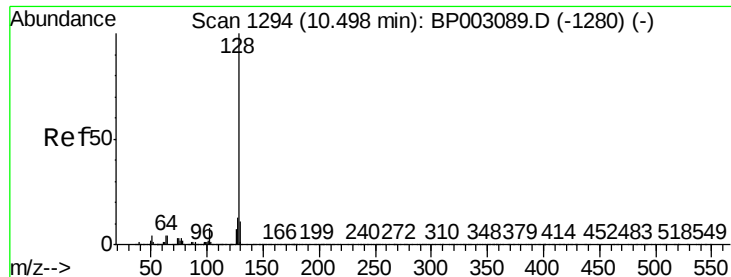
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	45.8	85.8
98	30.3	10.2	50.2



#30
1,2,4-Trichlorobenzene
Concen: 40.058 ng
RT: 10.29 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BP003259.D
Acq: 11 Sep 2020 14:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.2	114.2
145	29.8	23.8	35.8

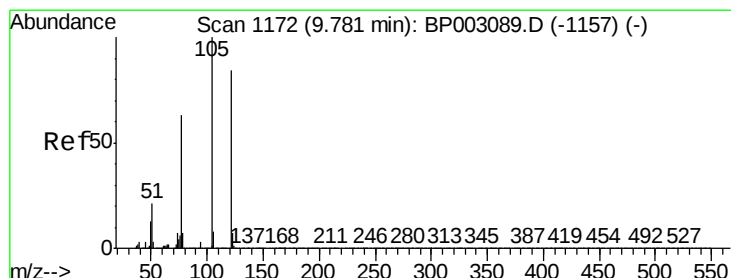
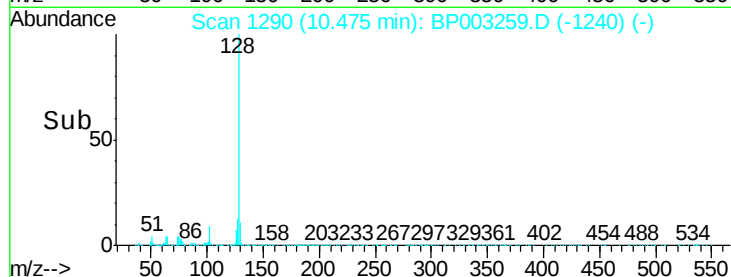
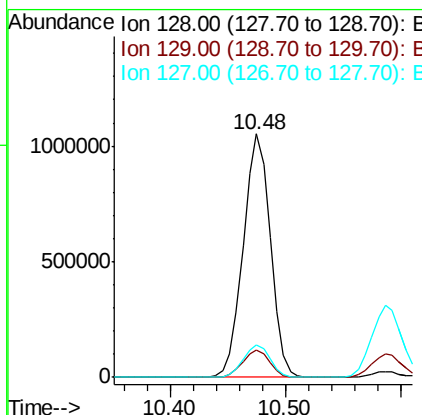
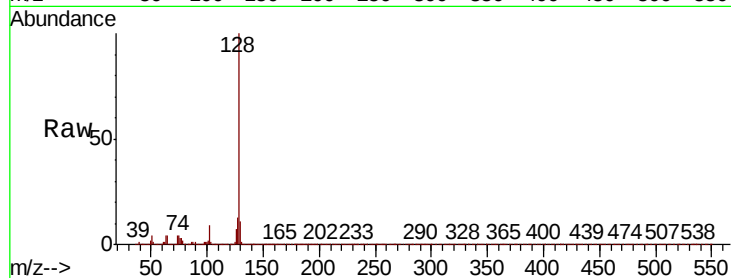




#31
Naphthalene
Concen: 40.405 ng
RT: 10.48 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BP003259.D
Acq: 11 Sep 2020 14:17

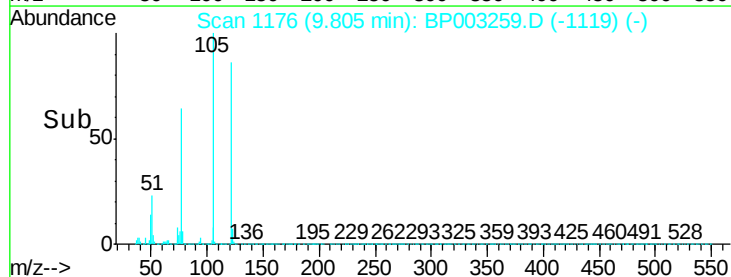
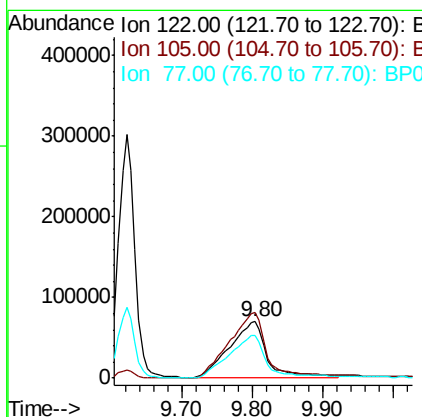
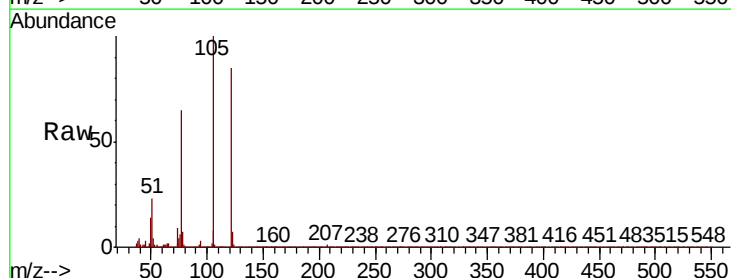
Instrument :
BNA_P
ClientSampleId :
PB131546BS

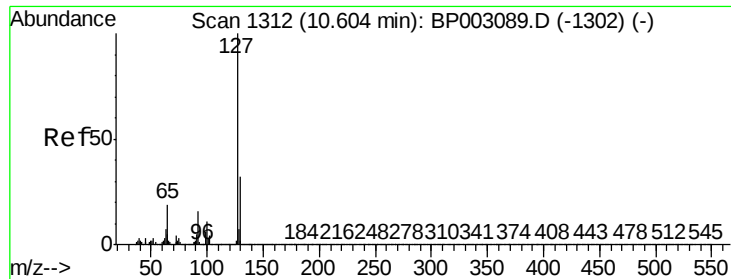
Tot Ion:128 Resp: 1718863
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.3 10.6 15.8



#32
Benzoic acid
Concen: 35.165 ng
RT: 9.80 min Scan# 1176
Delta R.T. 0.04 min
Lab File: BP003259.D
Acq: 11 Sep 2020 14:17

Tgt Ion:122 Resp: 251819
Ion Ratio Lower Upper
122 100
105 117.0 94.1 134.1
77 75.5 50.1 90.1

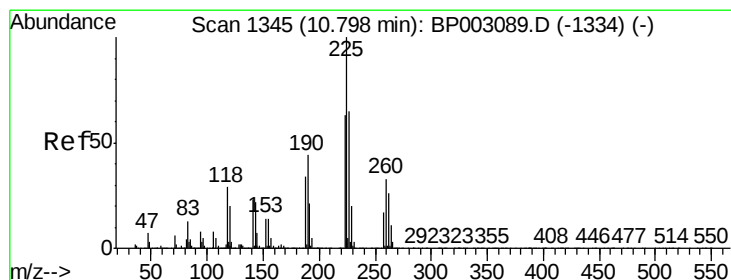
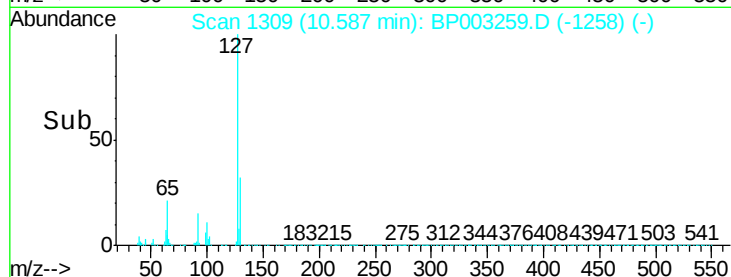
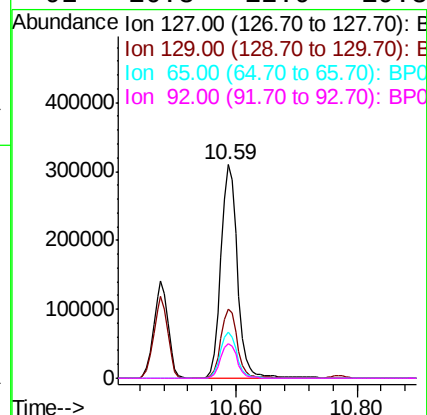
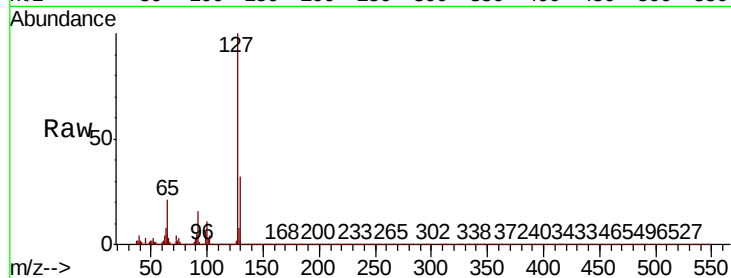




#33
4-Chloroaniline
Concen: 32.771 ng
RT: 10.59 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BP003259.D
Acq: 11 Sep 2020 14:17

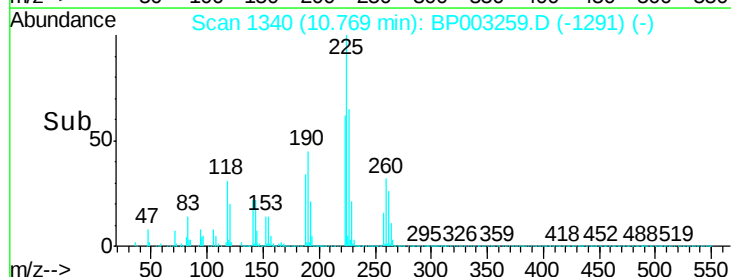
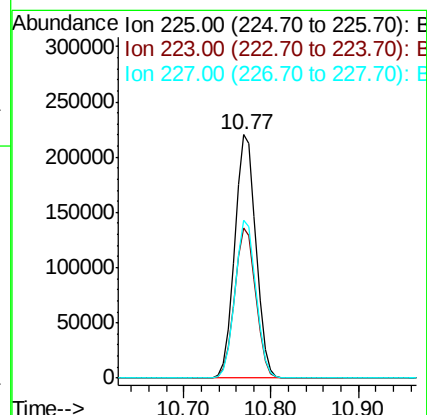
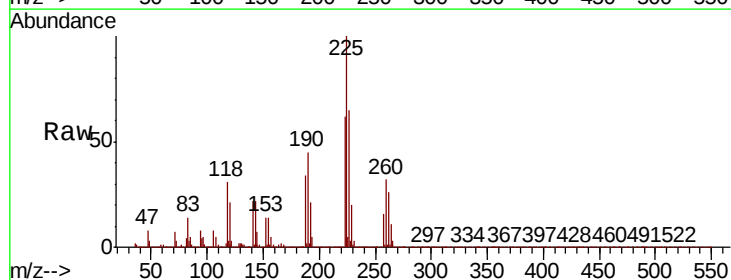
Instrument :
BNA_P
ClientSampleId :
PB131546BS

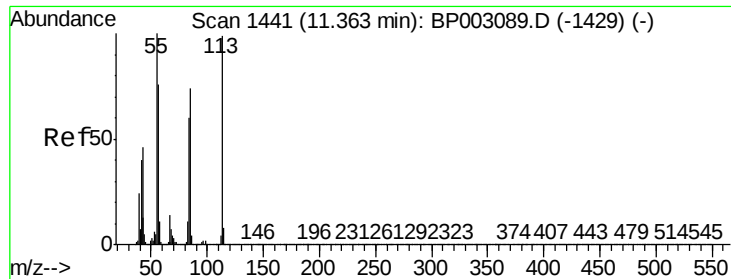
Tot Ion:	127	Resp:	582488
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.7	38.5
65	21.5	17.3	25.9
92	16.3	12.9	19.3



#34
Hexachlorobutadiene
Concen: 40.474 ng
RT: 10.77 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BP003259.D
Acq: 11 Sep 2020 14:17

Tgt Ion:	225	Resp:	362695
Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.1	75.1
227	64.6	51.4	77.2

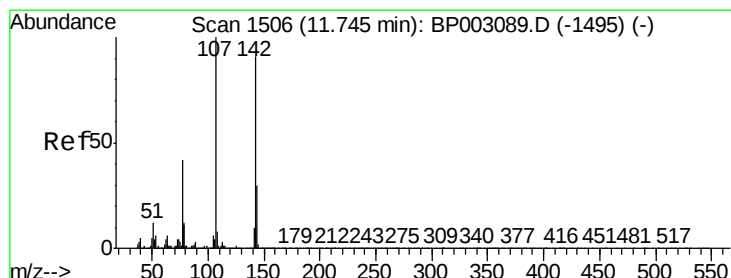
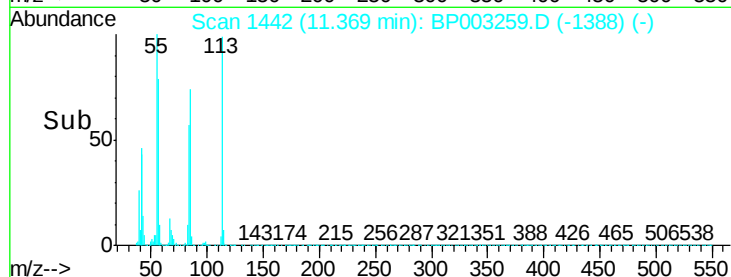
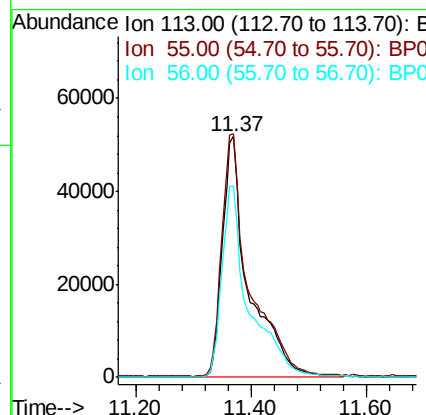
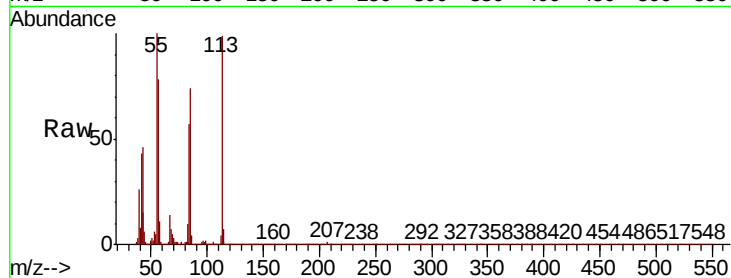




#35
 Caprolactam
 Concen: 43.732 ng
 RT: 11.37 min Scan# 1442
 Delta R.T. 0.02 min
 Lab File: BP003259.D
 Acq: 11 Sep 2020 14:17

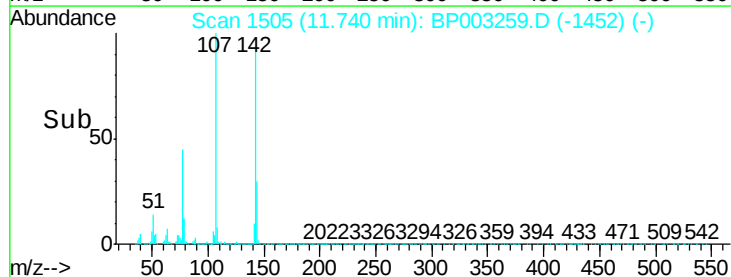
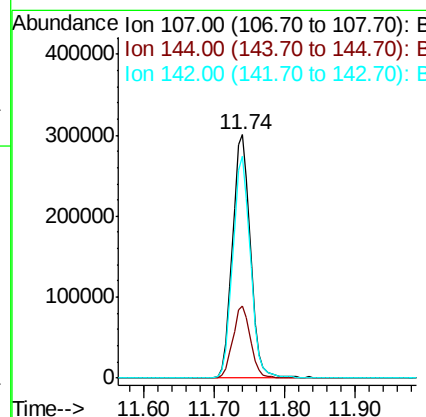
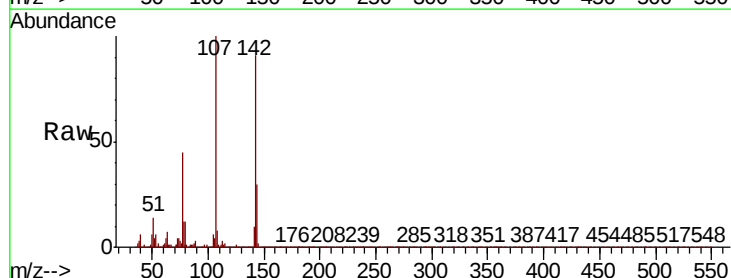
Instrument :
 BNA_P
 ClientSampleId :
 PB131546BS

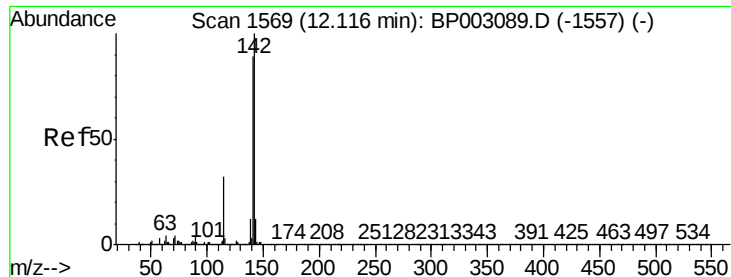
Tot Ion:113 Resp: 164805
 Ion Ratio Lower Upper
 113 100
 55 101.1 77.3 117.3
 56 79.3 55.9 95.9



#36
 4-Chloro-3-methylphenol
 Concen: 45.410 ng
 RT: 11.74 min Scan# 1505
 Delta R.T. 0.01 min
 Lab File: BP003259.D
 Acq: 11 Sep 2020 14:17

Tgt Ion:107 Resp: 531705
 Ion Ratio Lower Upper
 107 100
 144 29.7 22.7 34.1
 142 91.3 70.7 106.1



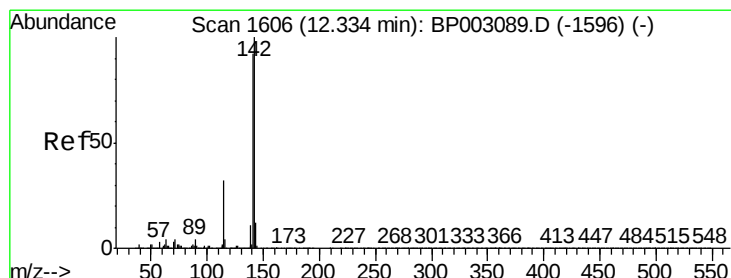
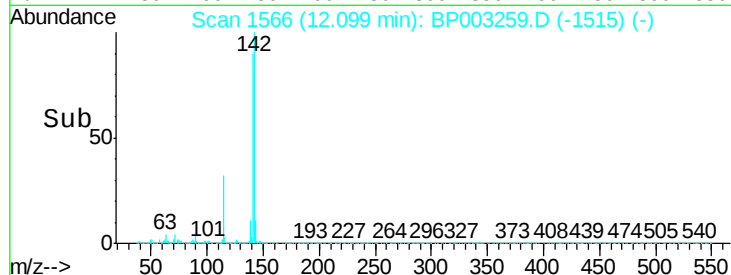
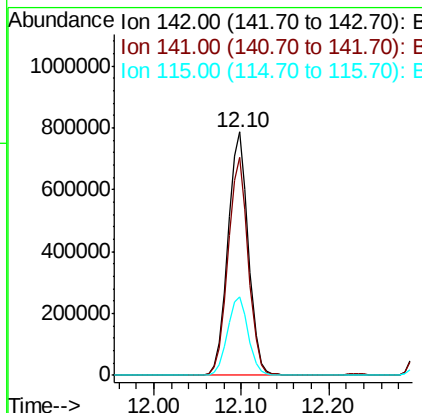
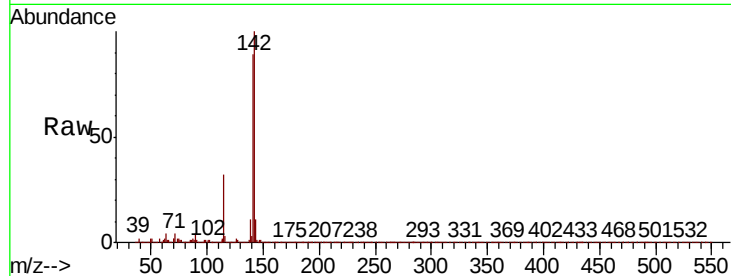


#37
 2-Methylnaphthalene
 Concen: 41.224 ng
 RT: 12.10 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: BP003259.D
 Acq: 11 Sep 2020 14:17

Instrument :
 BNA_P
 ClientSampleId :
 PB131546BS

Tot Ion:142 Resp: 1254522

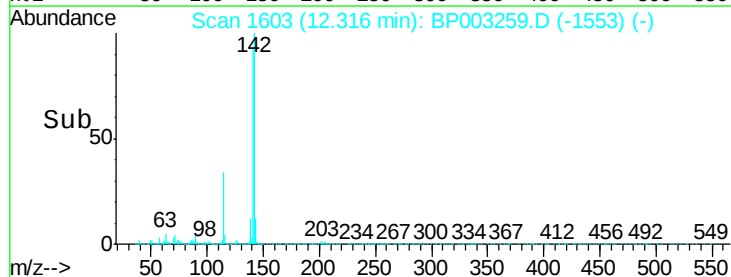
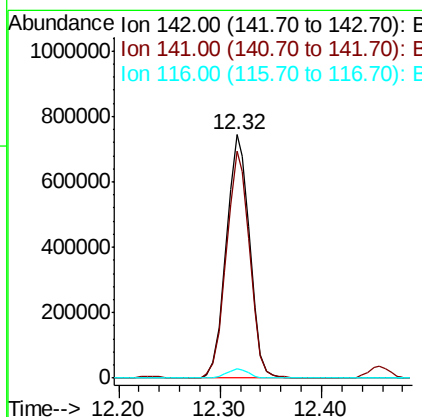
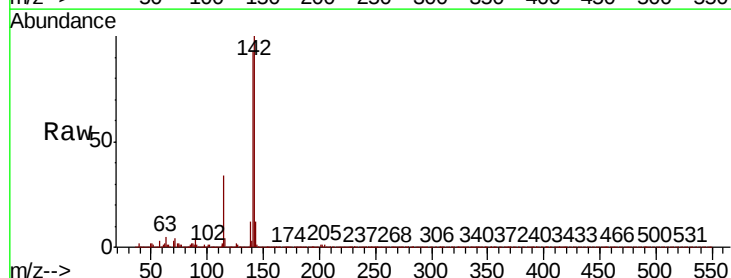
Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.4	107.2
115	32.4	25.8	38.6

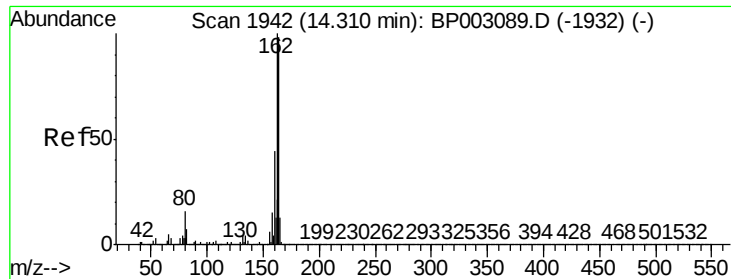


#38
 1-Methylnaphthalene
 Concen: 40.828 ng
 RT: 12.32 min Scan# 1603
 Delta R.T. -0.01 min
 Lab File: BP003259.D
 Acq: 11 Sep 2020 14:17

Tgt Ion:142 Resp: 1180916

Ion	Ratio	Lower	Upper
142	100		
141	93.3	74.4	111.6
116	3.6	2.9	4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.29 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BP003259.D

Acq: 11 Sep 2020 14:17

Instrument :

BNA_P

ClientSampleId :

PB131546BS

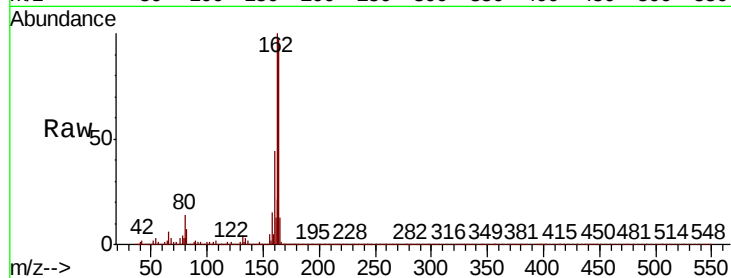
Tot Ion:164 Resp: 482259

Ion Ratio Lower Upper

164 100

162 102.7 79.4 119.2

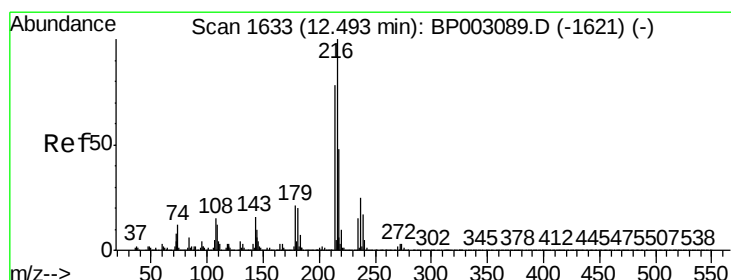
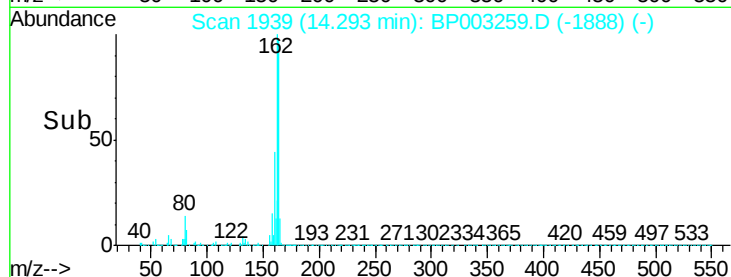
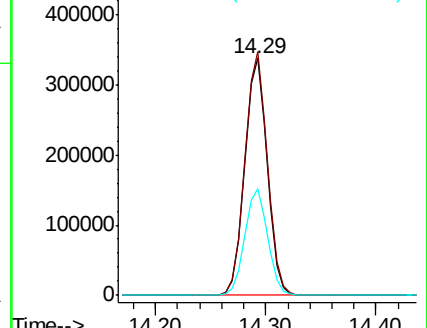
160 45.0 36.1 54.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.810 ng

RT: 12.48 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BP003259.D

Acq: 11 Sep 2020 14:17

Tgt Ion:216 Resp: 611910

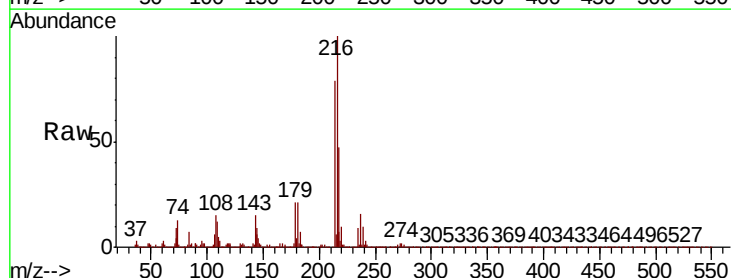
Ion Ratio Lower Upper

216 100

214 78.3 63.0 94.6

179 21.5 16.9 25.3

108 16.8 12.6 19.0

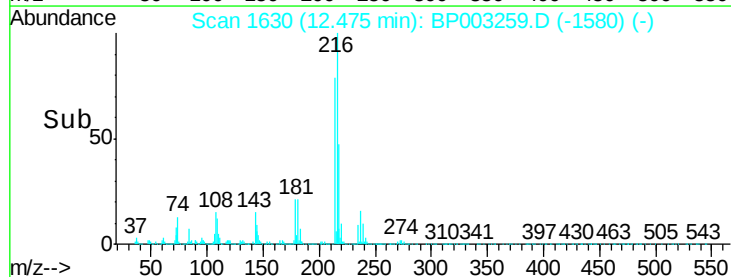
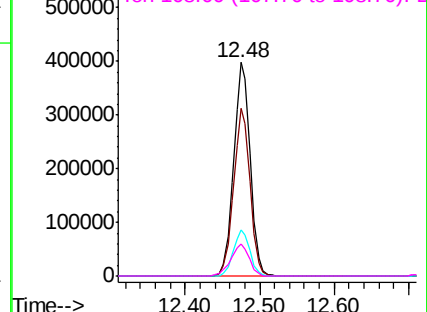


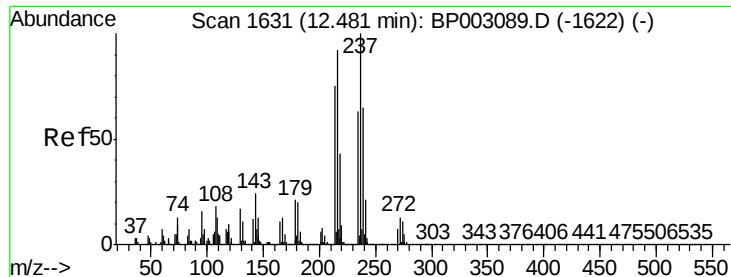
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

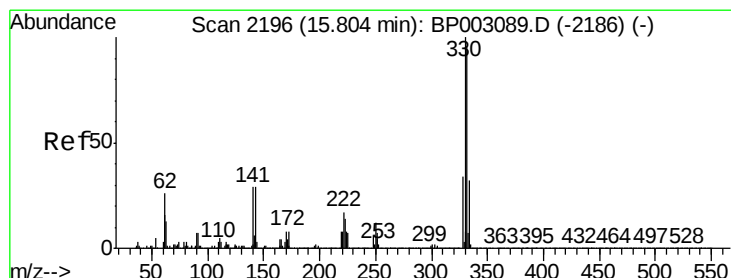
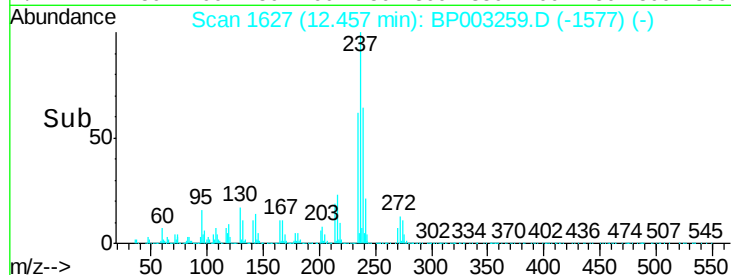
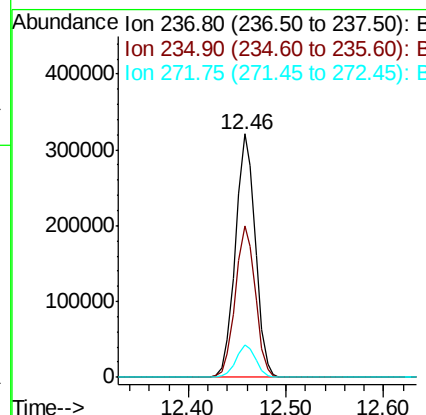
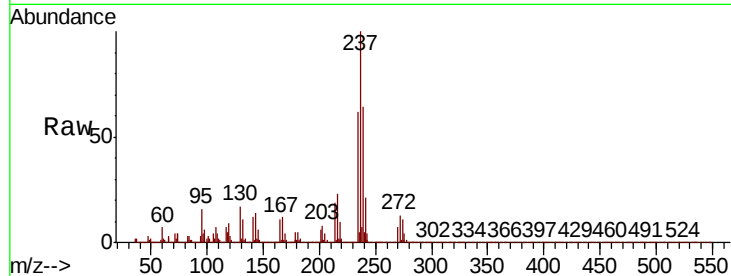




#41
Hexachlorocyclopentadiene
Concen: 66.981 ng
RT: 12.46 min Scan# 1627
Delta R.T. -0.01 min
Lab File: BP003259.D
Acq: 11 Sep 2020 14:17

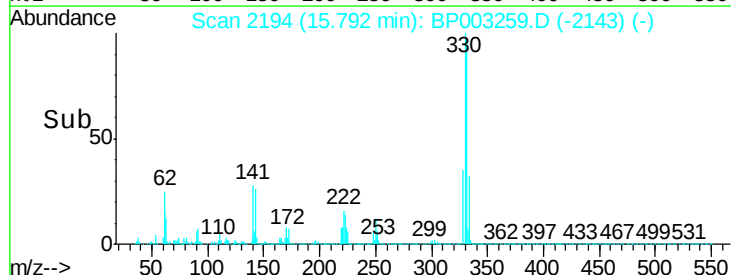
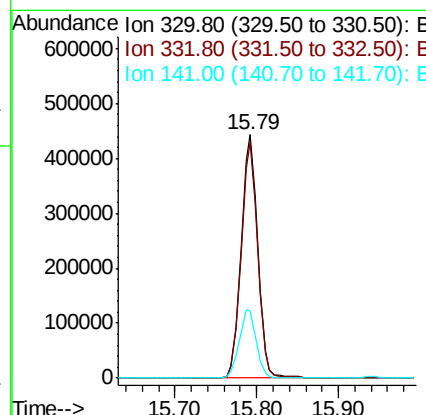
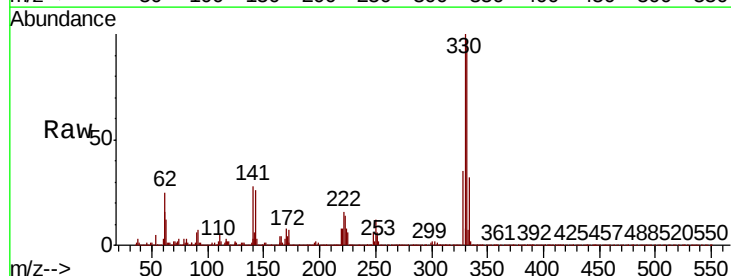
Instrument :
BNA_P
ClientSampleId :
PB131546BS

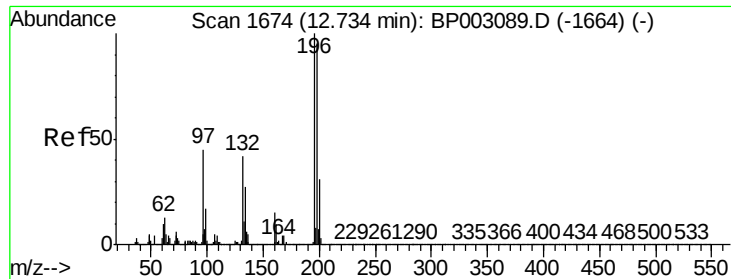
Tot Ion	Ratio	Lower	Upper
237	100		
235	62.3	43.2	83.2
272	13.4	0.0	33.3



#42
2,4,6-Tribromophenol
Concen: 95.892 ng
RT: 15.79 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BP003259.D
Acq: 11 Sep 2020 14:17

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.1	115.7
141	29.0	23.4	35.2

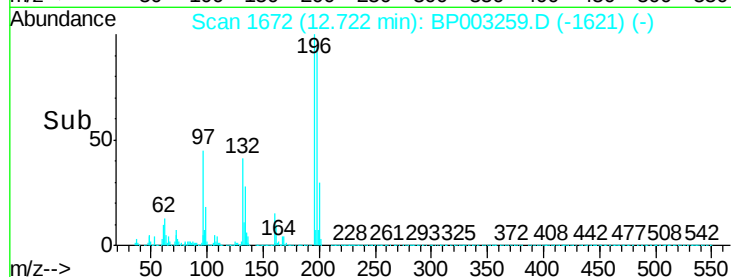
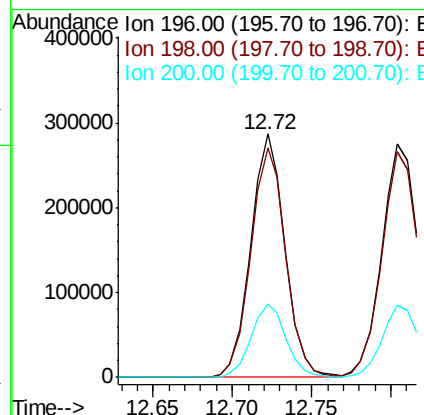
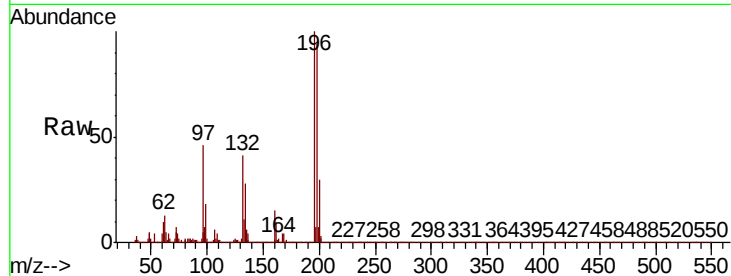




#43
 2,4,6-Trichlorophenol
 Concen: 45.712 ng
 RT: 12.72 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: BP003259.D
 Acq: 11 Sep 2020 14:17

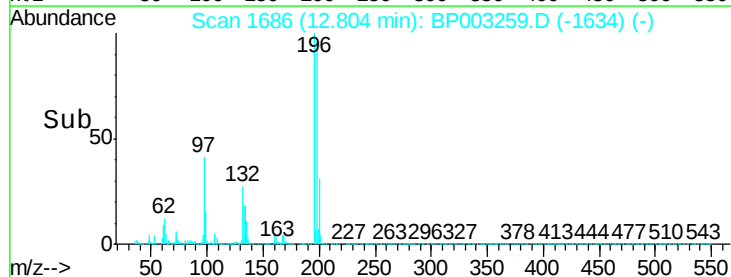
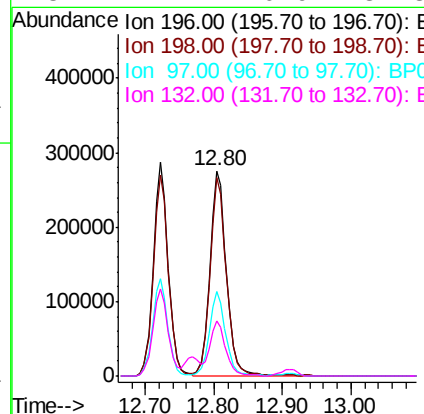
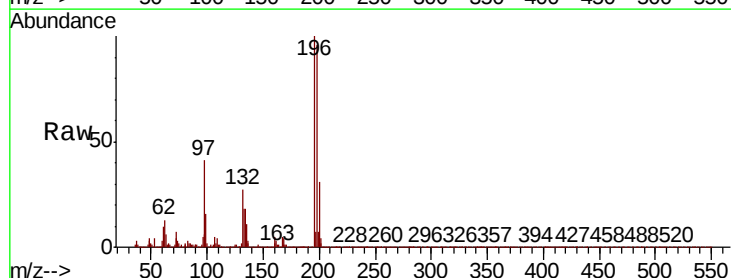
Instrument :
 BNA_P
 ClientSampleId :
 PB131546BS

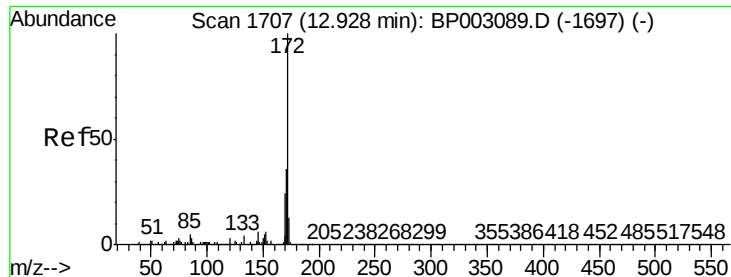
Tot Ion:196 Resp: 429633
 Ion Ratio Lower Upper
 196 100
 198 94.2 77.0 115.6
 200 30.1 25.1 37.7



#44
 2,4,5-Trichlorophenol
 Concen: 46.243 ng
 RT: 12.80 min Scan# 1686
 Delta R.T. 0.01 min
 Lab File: BP003259.D
 Acq: 11 Sep 2020 14:17

Tgt Ion:196 Resp: 459725
 Ion Ratio Lower Upper
 196 100
 198 96.4 77.3 115.9
 97 41.0 31.0 46.4
 132 27.1 20.9 31.3



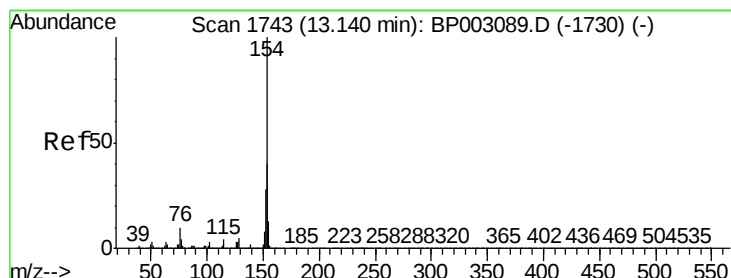
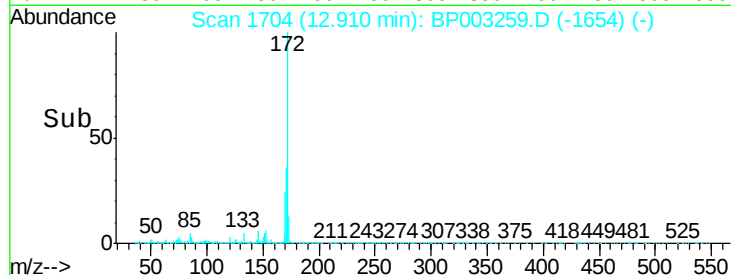
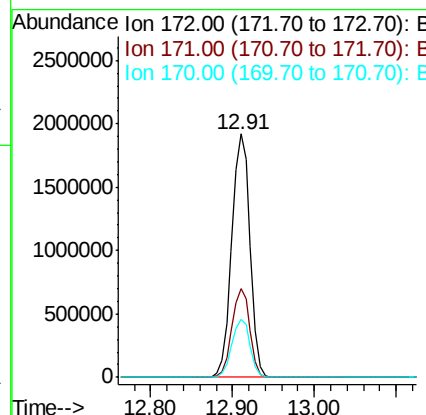
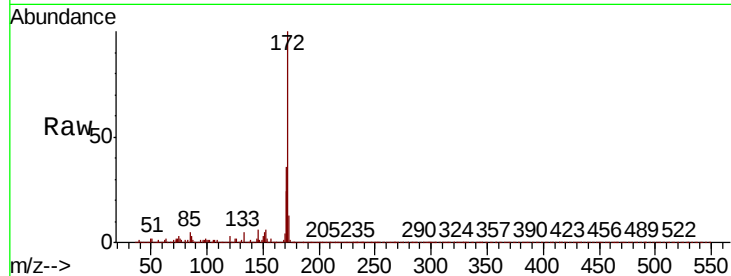


#45
 2-Fluorobiphenyl
 Concen: 89.806 ng
 RT: 12.91 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BP003259.D
 Acq: 11 Sep 2020 14:17

Instrument :
 BNA_P
 ClientSampleId :
 PB131546BS

Tot Ion:172 Resp: 2957419

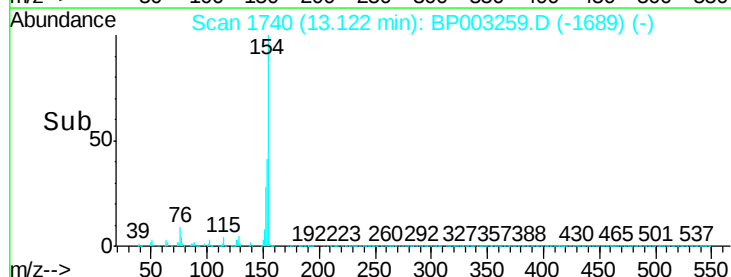
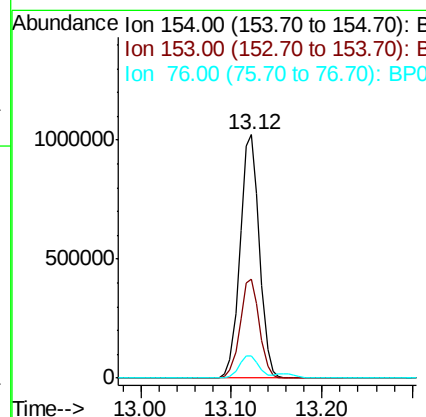
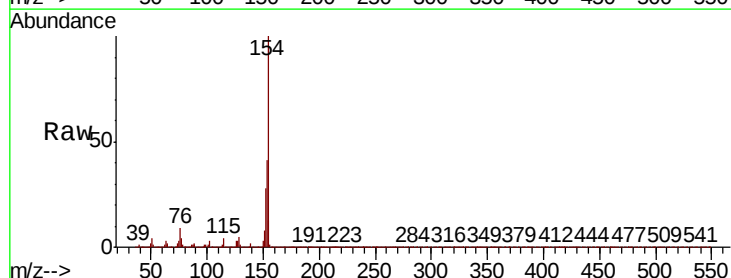
Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.5	42.7
170	24.0	19.2	28.8

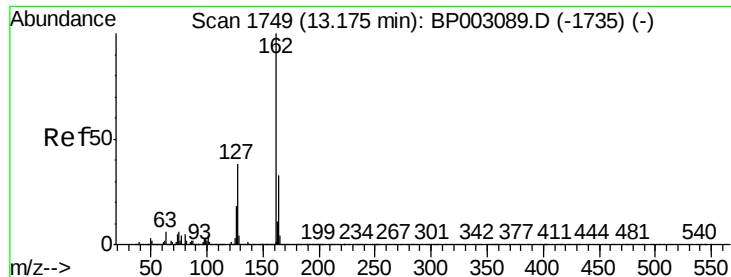


#46
 1,1'-Biphenyl
 Concen: 42.123 ng
 RT: 13.12 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BP003259.D
 Acq: 11 Sep 2020 14:17

Tgt Ion:154 Resp: 1523737

Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.4	60.4
76	9.3	0.0	29.3

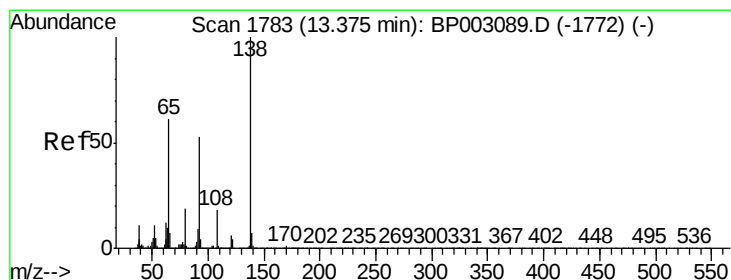
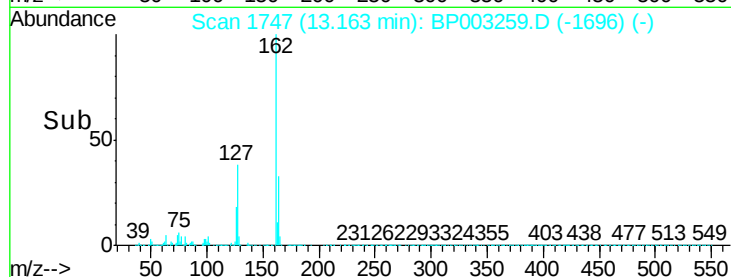
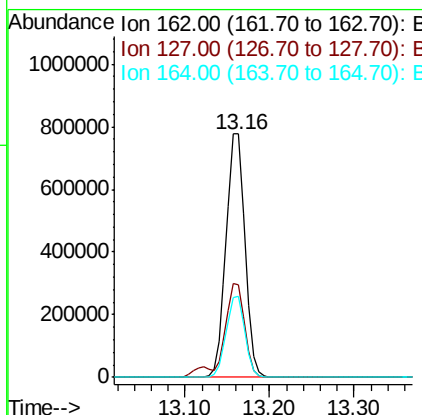
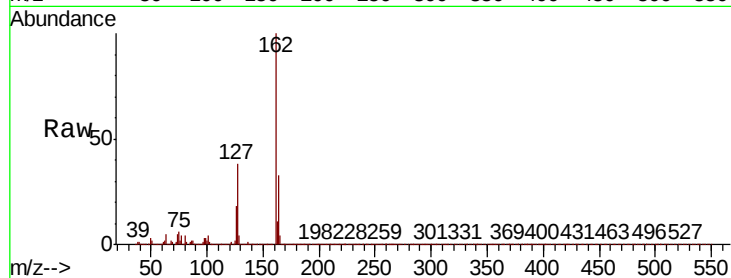




#47
2-Chloronaphthalene
Concen: 40.493 ng
RT: 13.16 min Scan# 1747
Delta R.T. -0.00 min
Lab File: BP003259.D
Acq: 11 Sep 2020 14:17

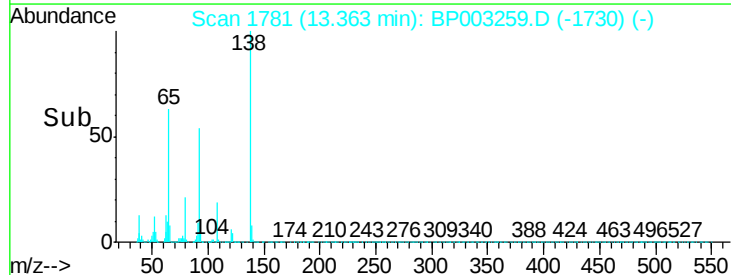
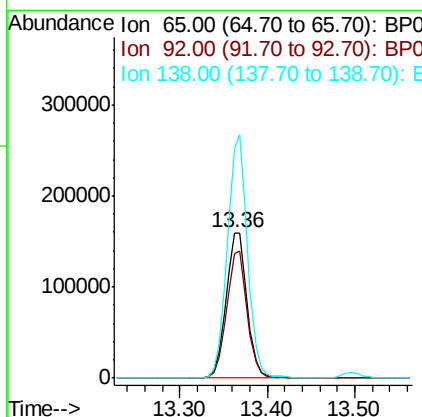
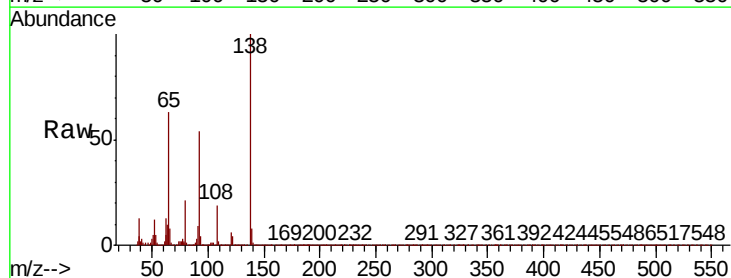
Instrument :
BNA_P
ClientSampleId :
PB131546BS

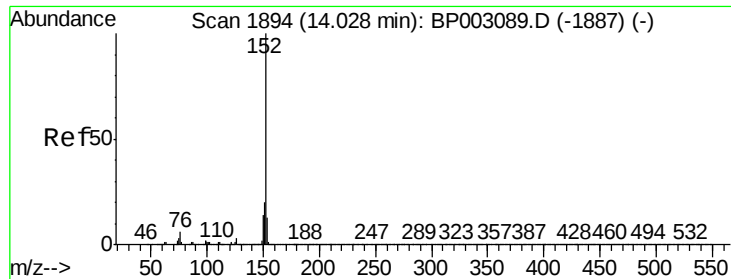
Tot Ion:162 Resp: 1199009
Ion Ratio Lower Upper
162 100
127 38.0 29.9 44.9
164 33.1 26.1 39.1



#48
2-Nitroaniline
Concen: 47.245 ng
RT: 13.36 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BP003259.D
Acq: 11 Sep 2020 14:17

Tgt Ion: 65 Resp: 261927
Ion Ratio Lower Upper
65 100
92 85.3 70.6 106.0
138 158.0 133.6 200.4





#49

Acenaphthylene

Concen: 42.745 ng

RT: 14.01 min Scan# 1891

Delta R.T. -0.00 min

Lab File: BP003259.D

Acq: 11 Sep 2020 14:17

Instrument :

BNA_P

ClientSampleId :

PB131546BS

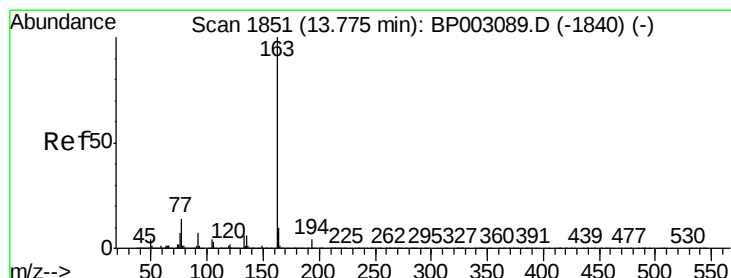
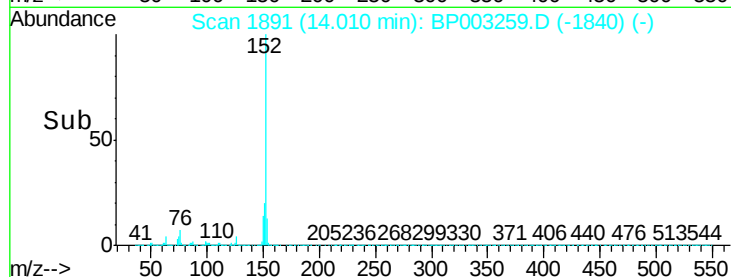
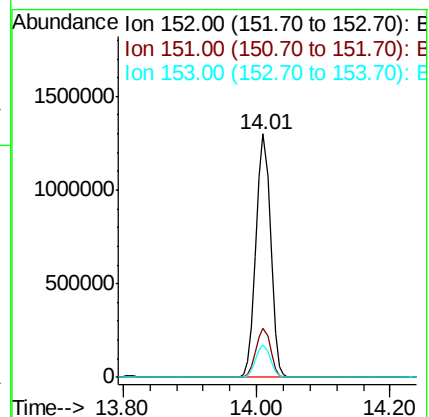
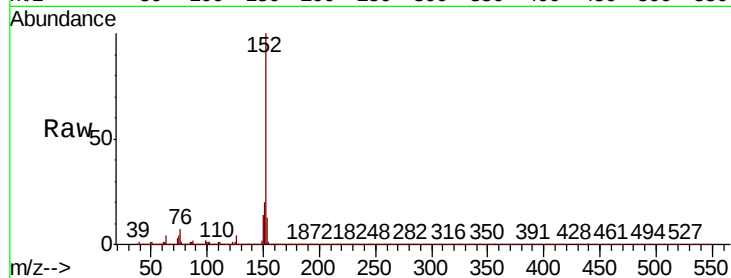
Tot Ion:152 Resp: 1913859

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.9	23.9
153	13.2	10.5	15.7

152 100

151 20.4 15.9 23.9

153 13.2 10.5 15.7



#50

Dimethylphthalate

Concen: 41.746 ng

RT: 13.76 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BP003259.D

Acq: 11 Sep 2020 14:17

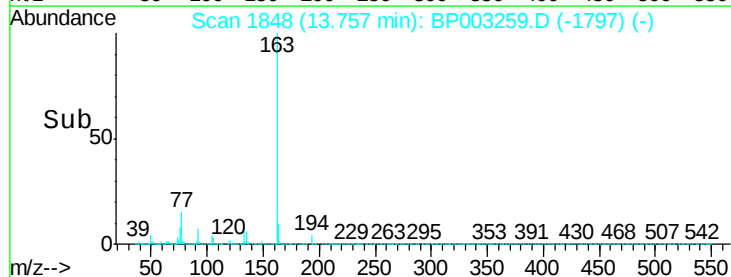
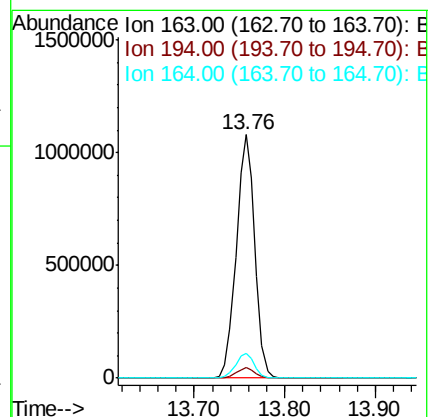
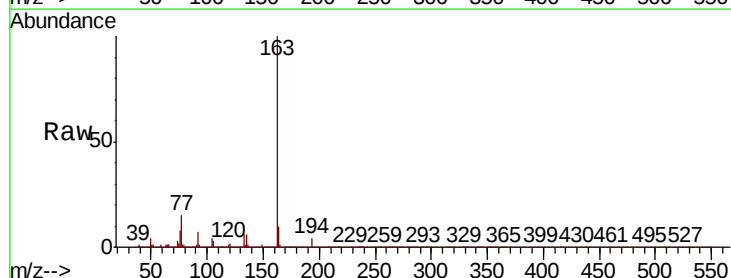
Tgt Ion:163 Resp: 1535268

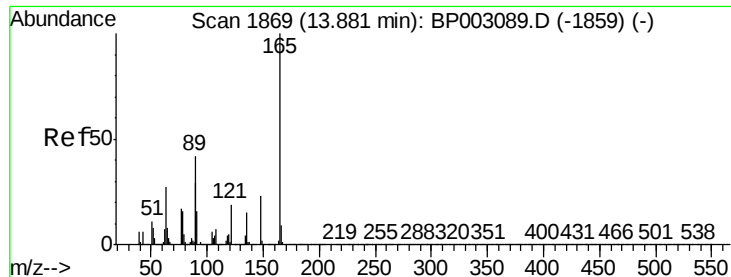
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.2	8.2	12.2

163 100

194 4.2 3.3 4.9

164 10.2 8.2 12.2

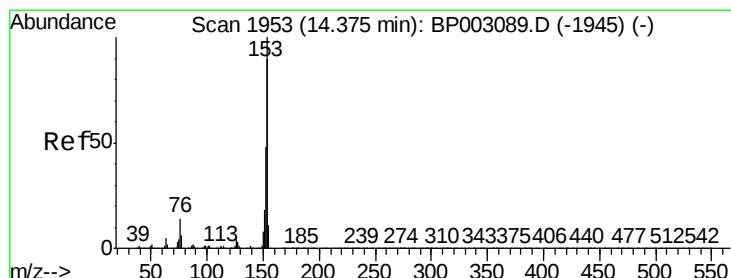
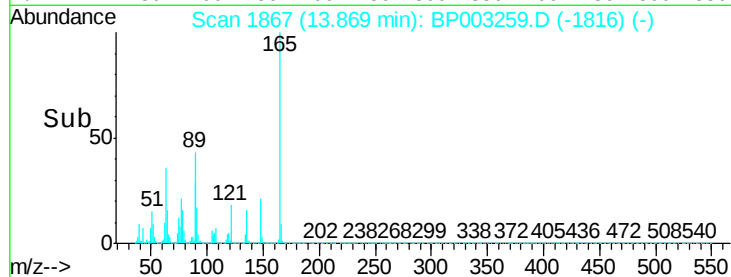
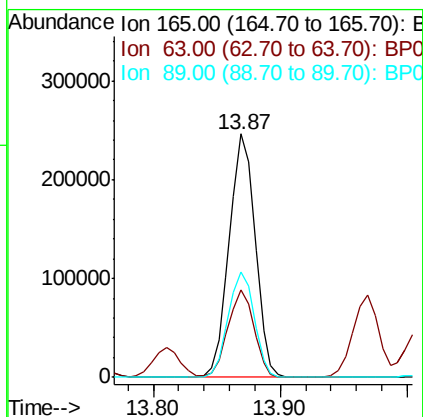
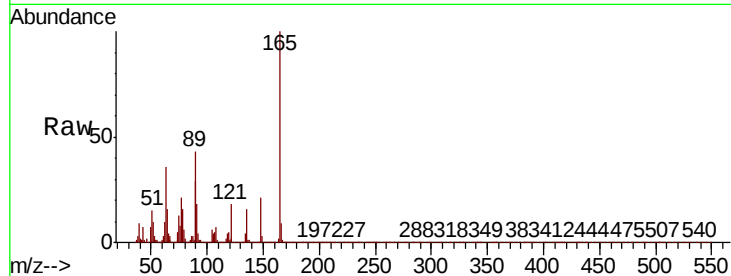




#51
 2,6-Dinitrotoluene
 Concen: 45.556 ng
 RT: 13.87 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: BP003259.D
 Acq: 11 Sep 2020 14:17

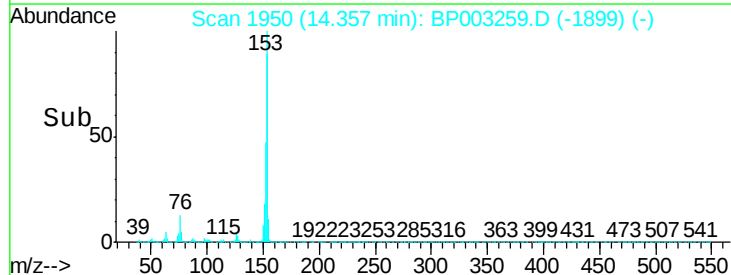
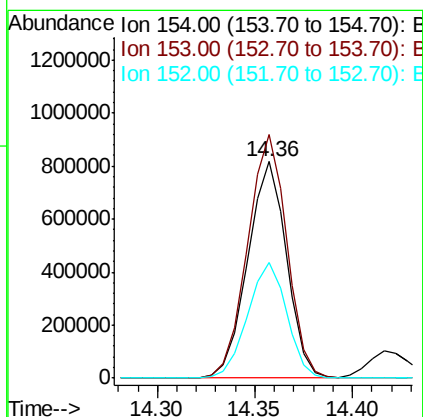
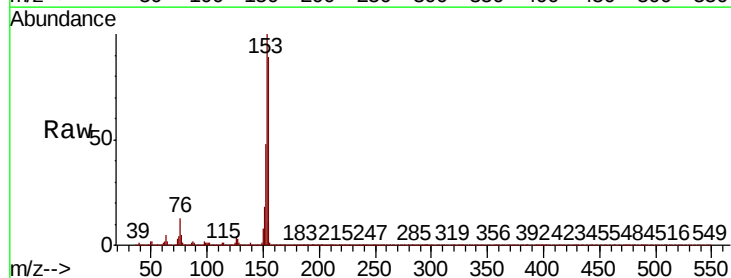
Instrument :
 BNA_P
 ClientSampleId :
 PB131546BS

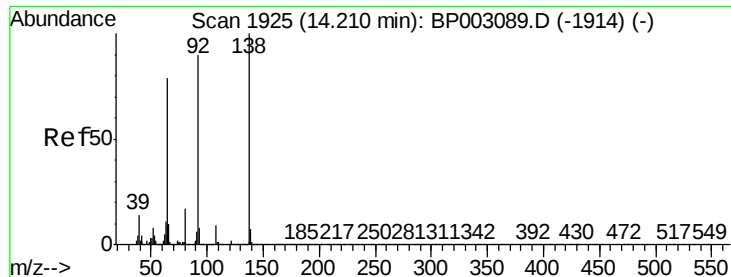
Tot Ion	Ratio	Lower	Upper
165	100		
63	36.0	27.8	41.6
89	43.2	34.6	52.0



#52
 Acenaphthene
 Concen: 40.990 ng
 RT: 14.36 min Scan# 1950
 Delta R.T. -0.00 min
 Lab File: BP003259.D
 Acq: 11 Sep 2020 14:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.5	91.0	136.6
152	53.6	43.0	64.6

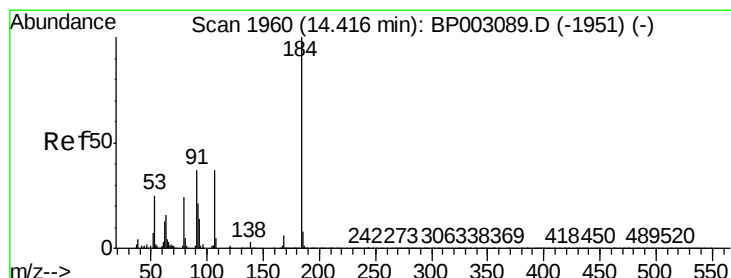
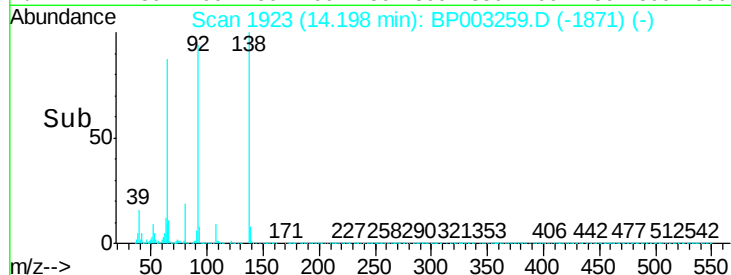
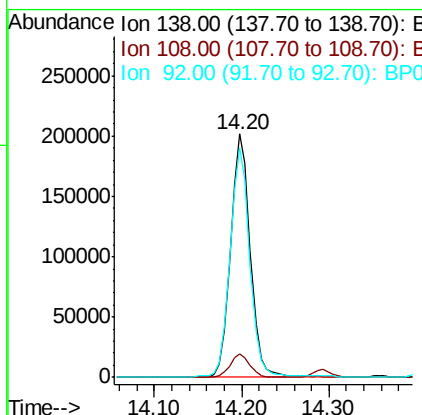
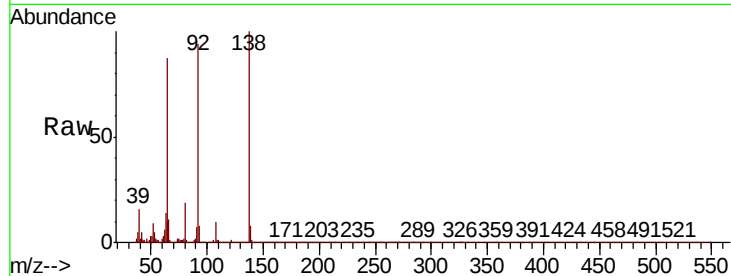




#53
3-Nitroaniline
Concen: 35.658 ng
RT: 14.20 min Scan# 1923
Delta R.T. 0.01 min
Lab File: BP003259.D
Acq: 11 Sep 2020 14:17

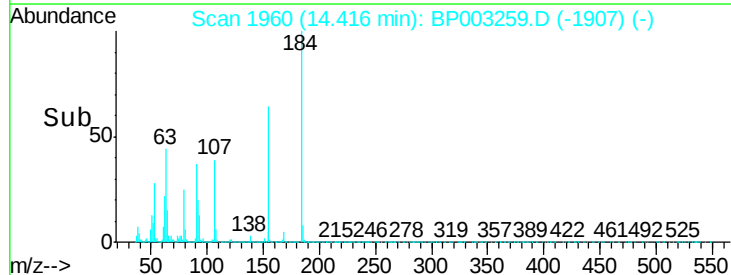
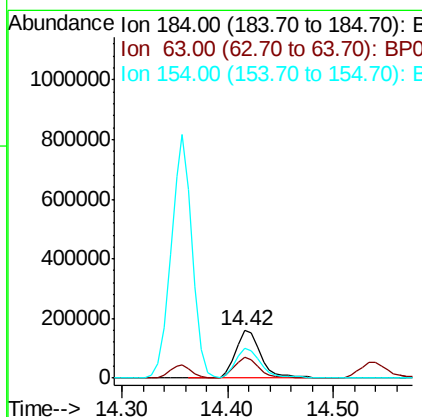
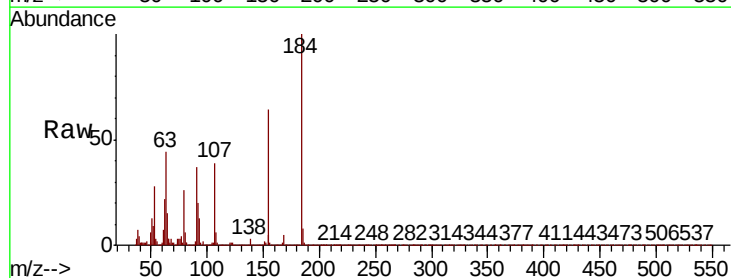
Instrument :
BNA_P
ClientSampleId :
PB131546BS

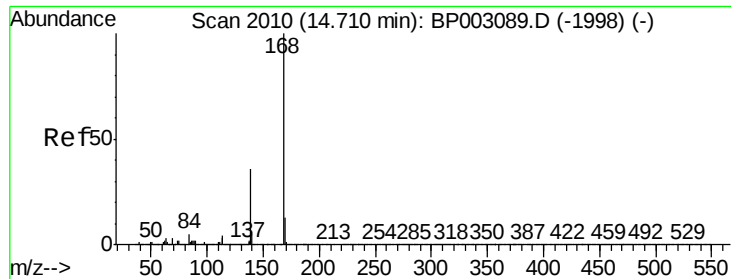
Tot Ion:138 Resp: 308795
Ion Ratio Lower Upper
138 100
108 9.9 7.5 11.3
92 94.2 75.0 112.6



#54
2,4-Dinitrophenol
Concen: 65.181 ng
RT: 14.42 min Scan# 1960
Delta R.T. 0.01 min
Lab File: BP003259.D
Acq: 11 Sep 2020 14:17

Tgt Ion:184 Resp: 265514
Ion Ratio Lower Upper
184 100
63 43.7 32.3 48.5
154 64.1 49.1 73.7

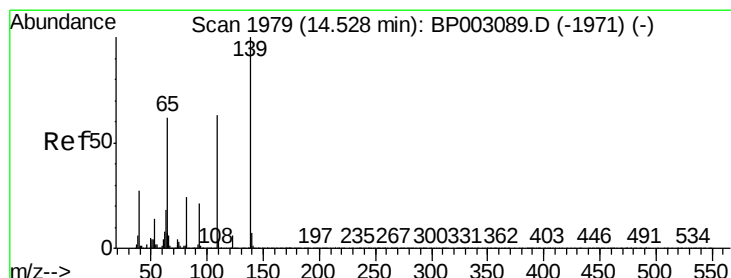
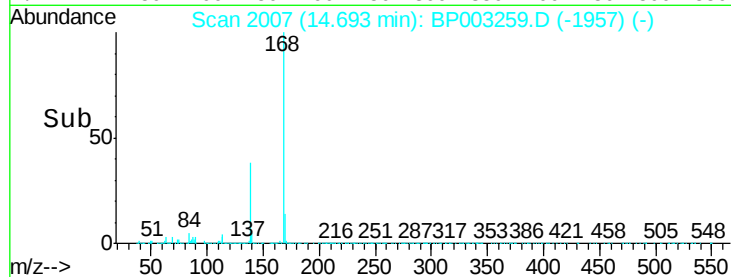
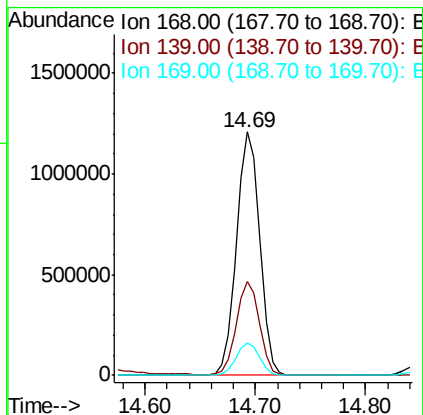
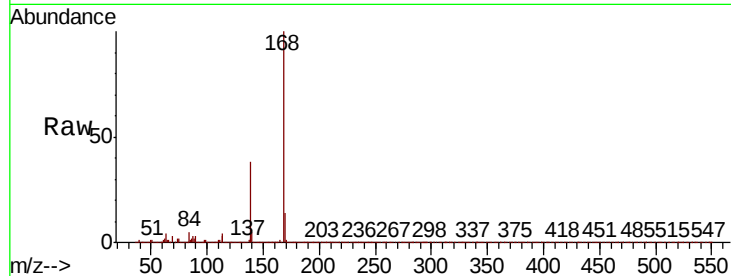




#55
Dibenzofuran
Concen: 41.384 ng
RT: 14.69 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BP003259.D
Acq: 11 Sep 2020 14:17

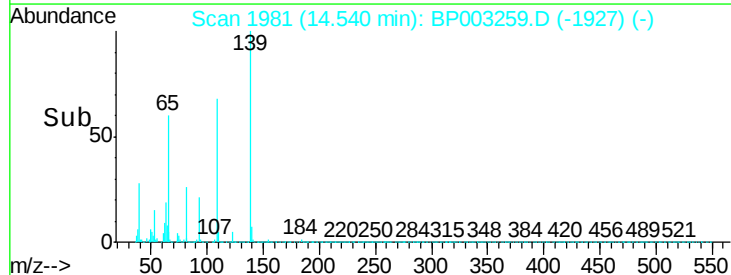
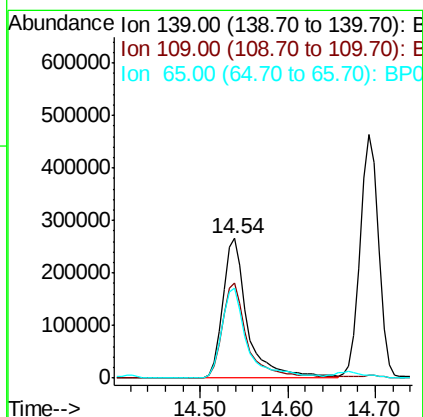
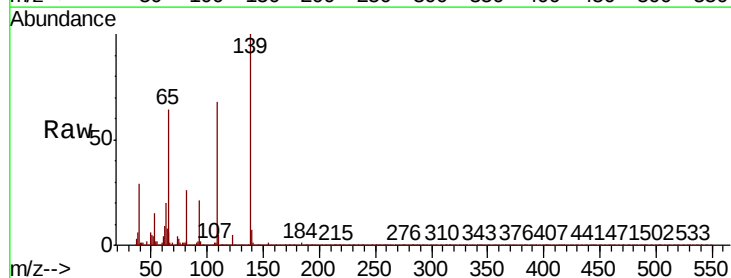
Instrument :
BNA_P
ClientSampleId :
PB131546BS

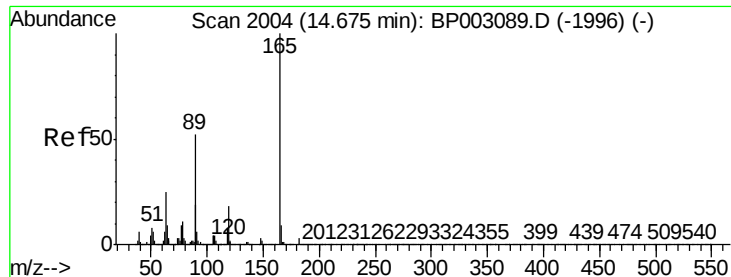
Tot Ion:168 Resp: 1787758
Ion Ratio Lower Upper
168 100
139 38.3 29.1 43.7
169 13.6 10.4 15.6



#56
4-Nitrophenol
Concen: 83.853 ng
RT: 14.54 min Scan# 1981
Delta R.T. 0.02 min
Lab File: BP003259.D
Acq: 11 Sep 2020 14:17

Tgt Ion:139 Resp: 522411
Ion Ratio Lower Upper
139 100
109 67.7 44.6 84.6
65 64.0 41.6 81.6

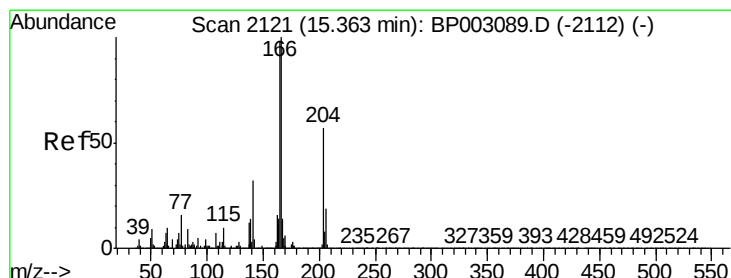
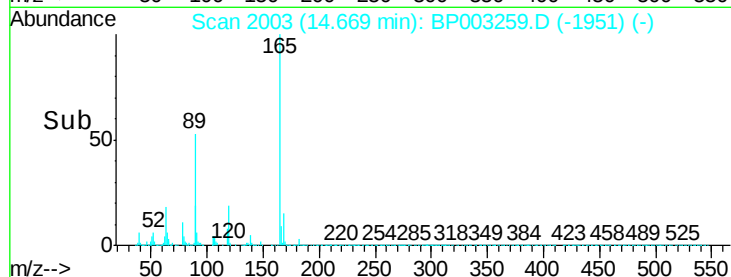
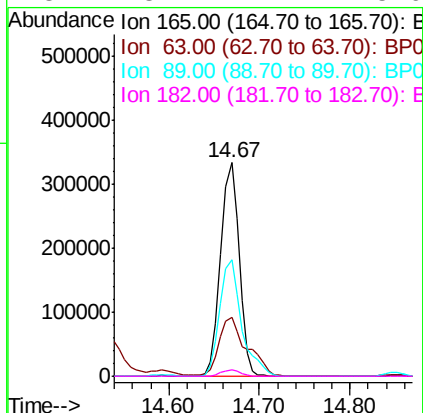
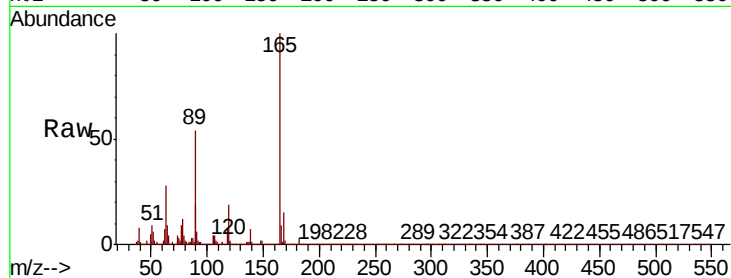




#57
2,4-Dinitrotoluene
Concen: 46.128 ng
RT: 14.67 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BP003259.D
Acq: 11 Sep 2020 14:17

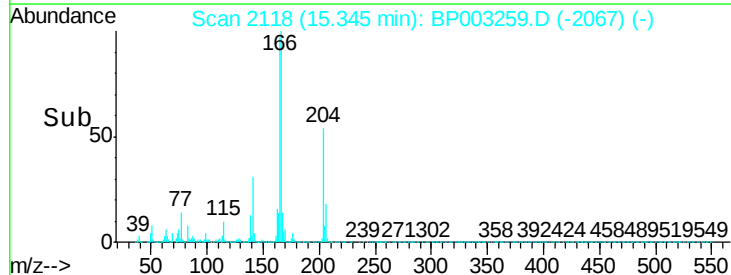
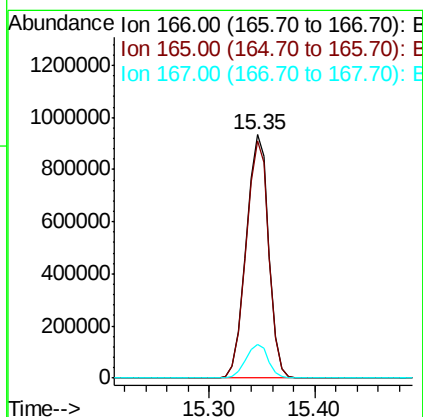
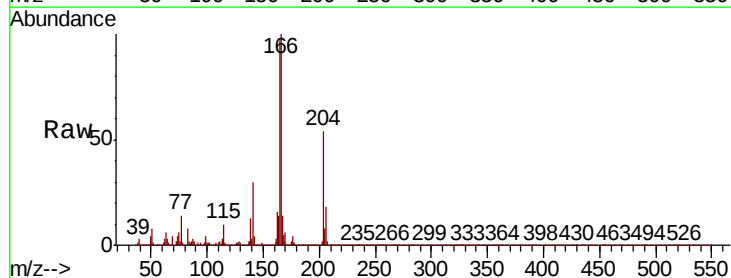
Instrument :
BNA_P
ClientSampleId :
PB131546BS

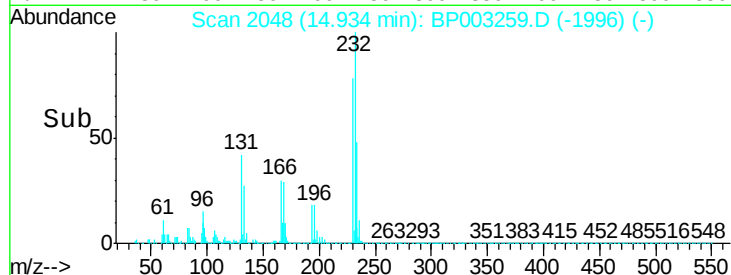
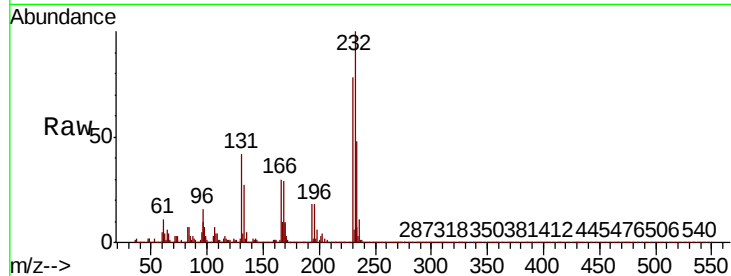
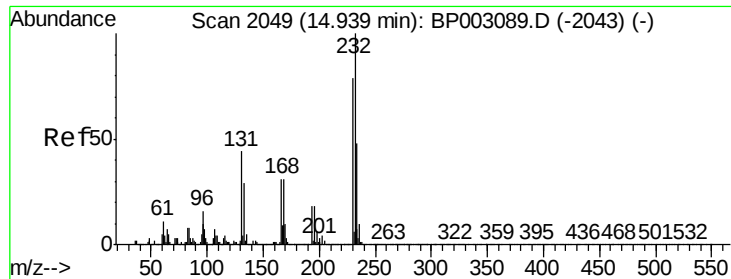
Tot Ion	165	Resp	474063
Ion Ratio	100	Lower	Upper
63	27.7	20.6	31.0
89	54.3	42.6	63.8
182	3.1	2.4	3.6



#58
Fluorene
Concen: 41.595 ng
RT: 15.35 min Scan# 2118
Delta R.T. -0.00 min
Lab File: BP003259.D
Acq: 11 Sep 2020 14:17

Tgt Ion	166	Resp	1384170
Ion Ratio	100	Lower	Upper
165	97.3	77.8	116.8
167	13.7	11.0	16.4

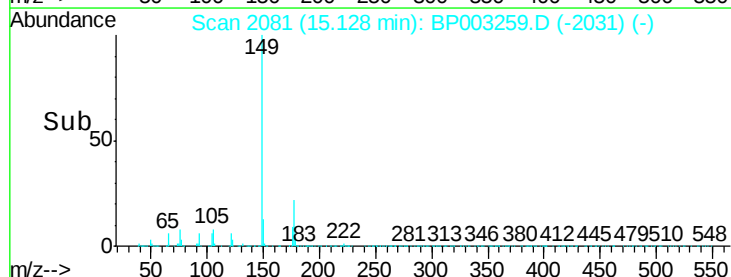
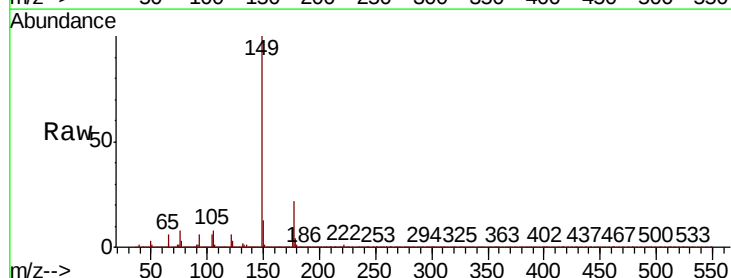
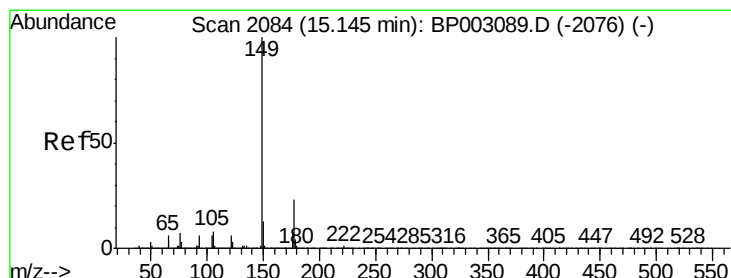
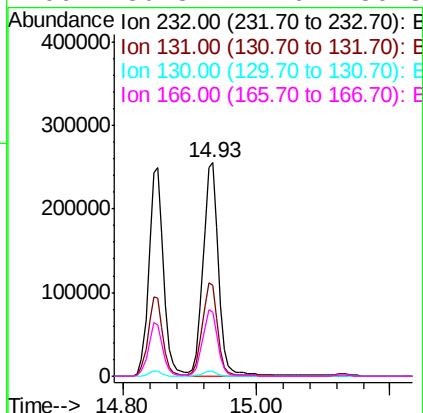




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.866 ng
RT: 14.93 min Scan# 2048
Delta R.T. 0.01 min
Lab File: BP003259.D
Acq: 11 Sep 2020 14:17

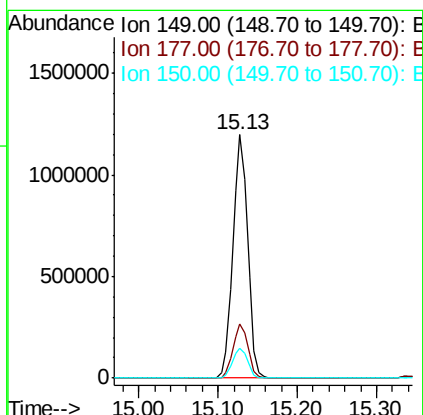
Instrument :
BNA_P
ClientSampleId :
PB131546BS

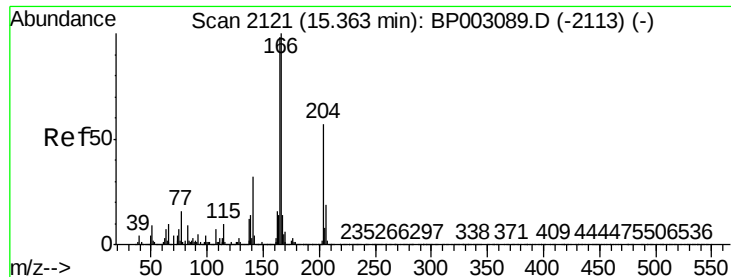
Tot Ion:	232	Resp:	403553
Ion Ratio	Lower	Upper	
232	100		
131	43.6	34.1	51.1
130	2.4	1.8	2.8
166	30.3	24.6	36.8



#60
Diethylphthalate
Concen: 42.775 ng
RT: 15.13 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BP003259.D
Acq: 11 Sep 2020 14:17

Tgt Ion:	149	Resp:	1543372
Ion Ratio	Lower	Upper	
149	100		
177	22.4	18.0	27.0
150	12.5	10.0	15.0

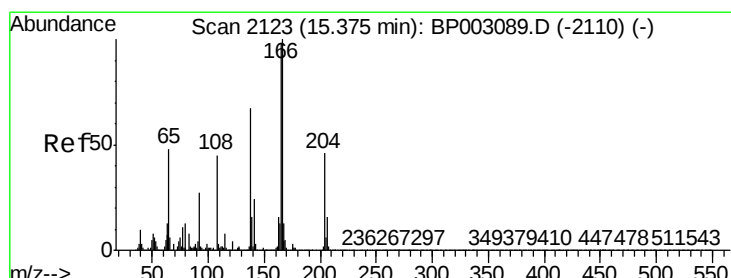
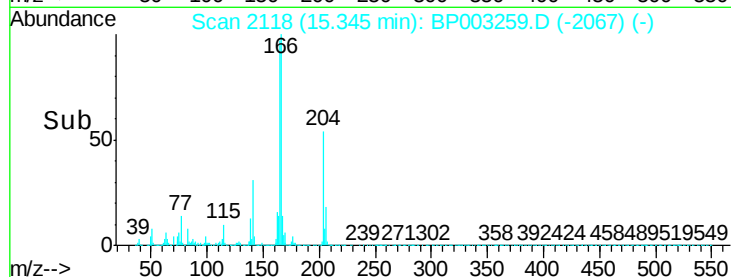
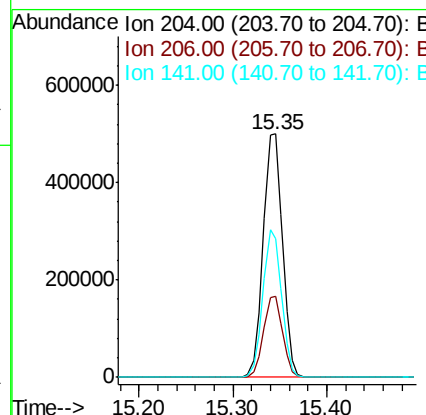
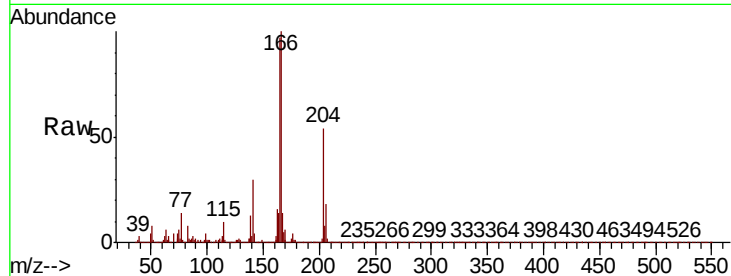




#61
4-Chlorophenyl-phenylether
Concen: 41.342 ng
RT: 15.35 min Scan# 2118
Delta R.T. -0.00 min
Lab File: BP003259.D
Acq: 11 Sep 2020 14:17

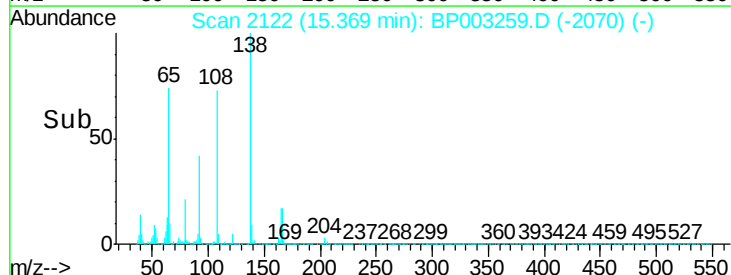
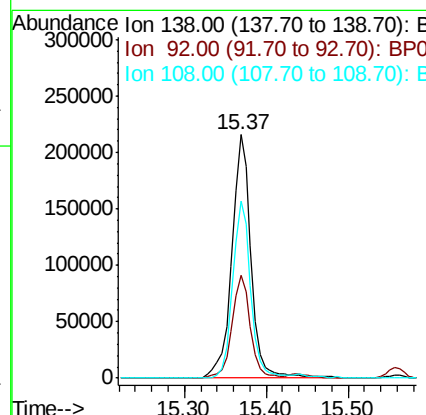
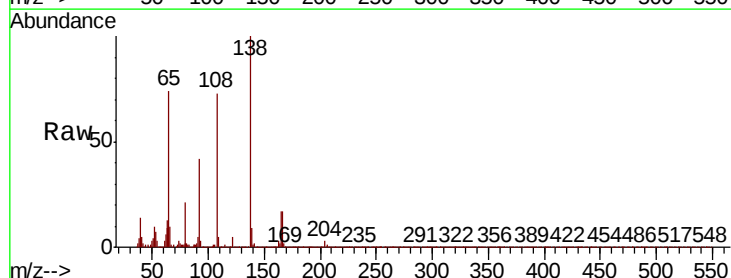
Instrument :
BNA_P
ClientSampleId :
PB131546BS

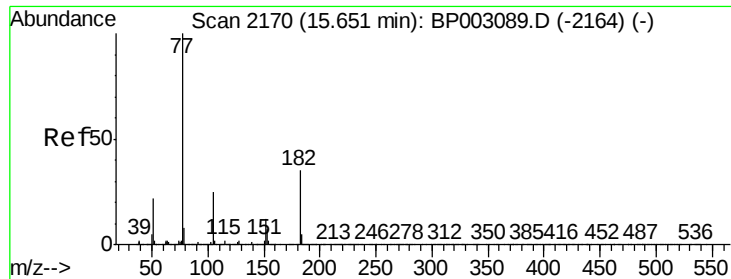
Tot Ion:204 Resp: 710446
Ion Ratio Lower Upper
204 100
206 33.1 25.9 38.9
141 57.0 46.5 69.7



#62
4-Nitroaniline
Concen: 39.689 ng
RT: 15.37 min Scan# 2122
Delta R.T. 0.01 min
Lab File: BP003259.D
Acq: 11 Sep 2020 14:17

Tgt Ion:138 Resp: 353295
Ion Ratio Lower Upper
138 100
92 42.2 20.7 60.7
108 72.7 47.8 87.8

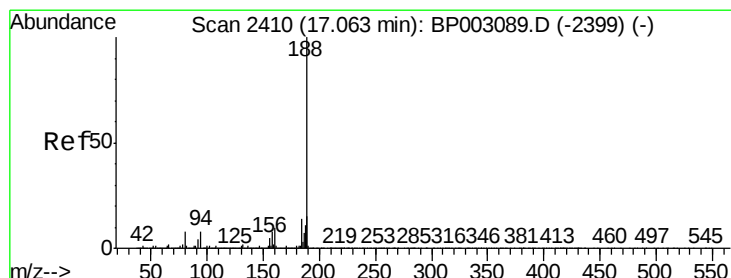
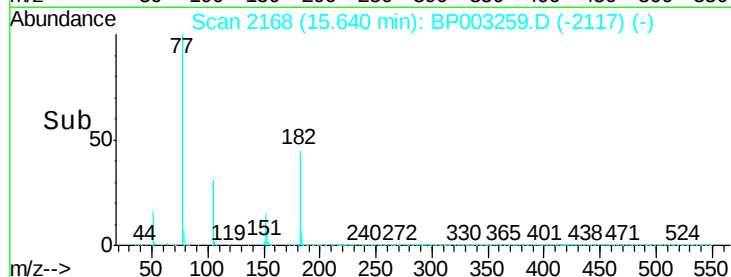
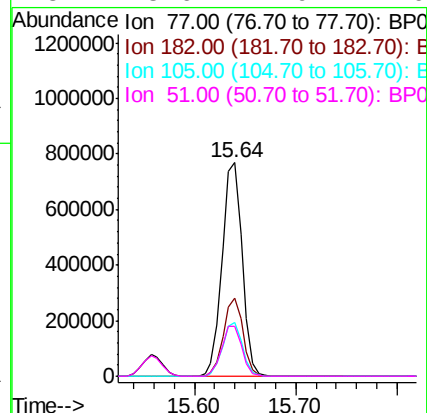
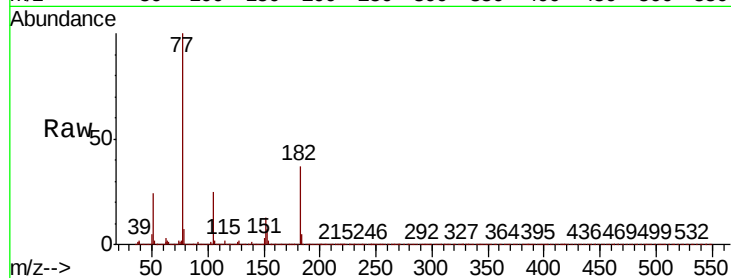




#63
Azobenzene
Concen: 44.106 ng
RT: 15.64 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BP003259.D
Acq: 11 Sep 2020 14:17

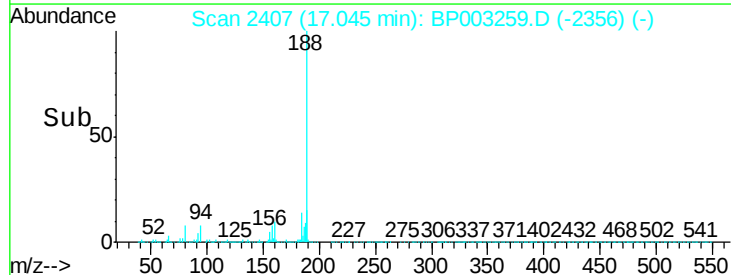
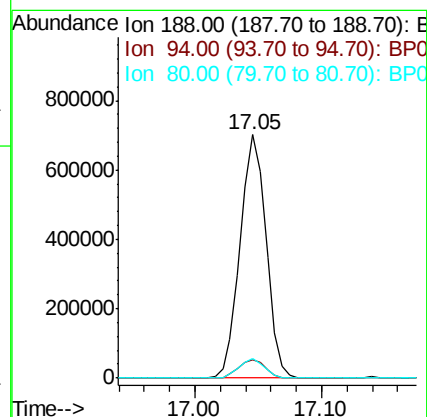
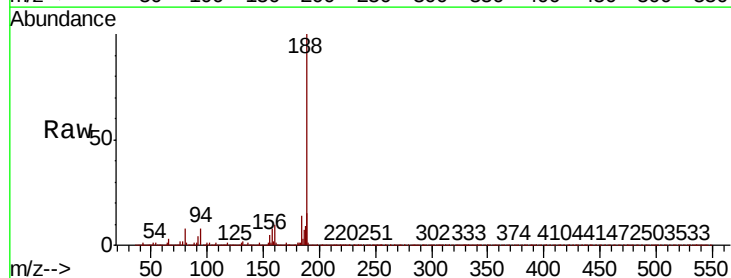
Instrument :
BNA_P
ClientSampleId :
PB131546BS

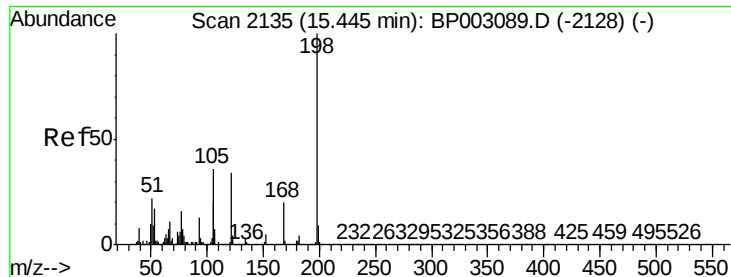
Tot Ion: 77 Resp: 1056200
Ion Ratio Lower Upper
77 100
182 36.8 16.9 56.9
105 25.0 5.6 45.6
51 23.6 2.9 42.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2407
Delta R.T. -0.00 min
Lab File: BP003259.D
Acq: 11 Sep 2020 14:17

Tgt Ion: 188 Resp: 993207
Ion Ratio Lower Upper
188 100
94 7.7 6.2 9.2
80 8.1 6.2 9.2

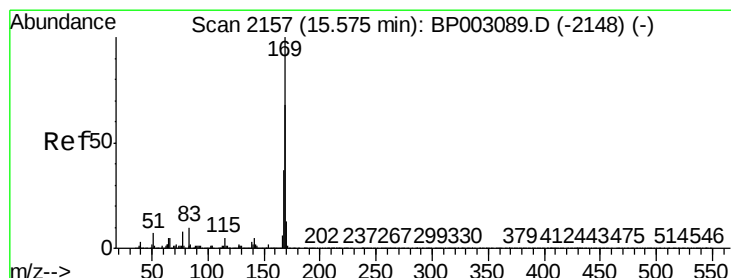
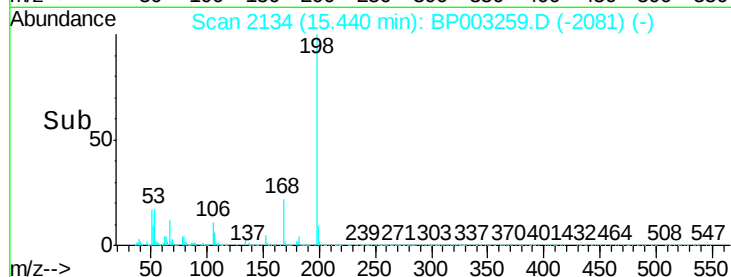
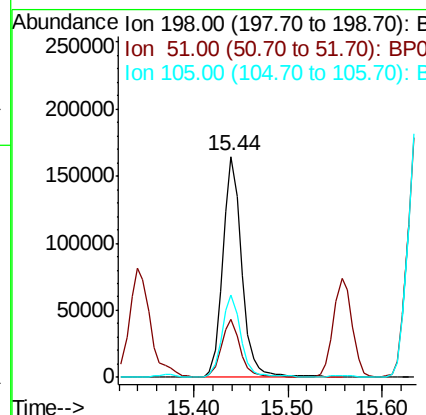
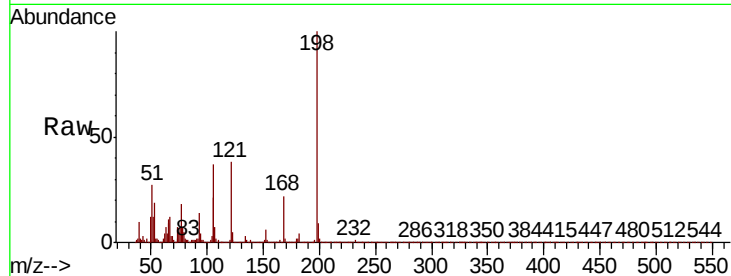




#65
4,6-Dinitro-2-methylphenol
Concen: 48.966 ng
RT: 15.44 min Scan# 2134
Delta R.T. 0.01 min
Lab File: BP003259.D
Acq: 11 Sep 2020 14:17

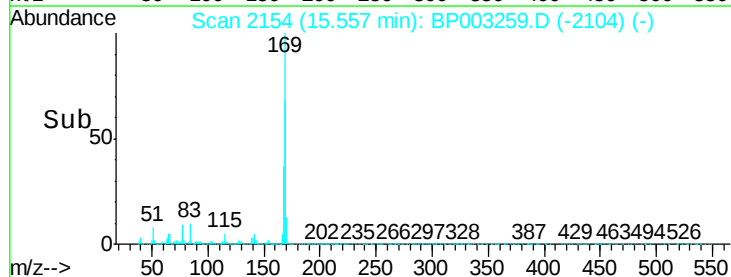
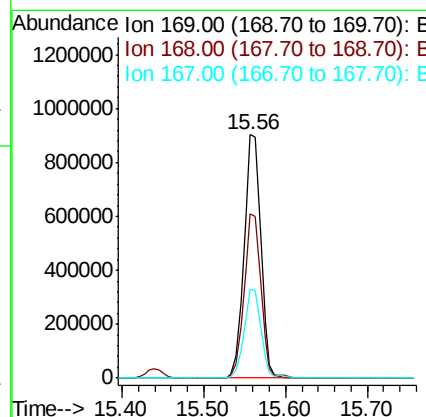
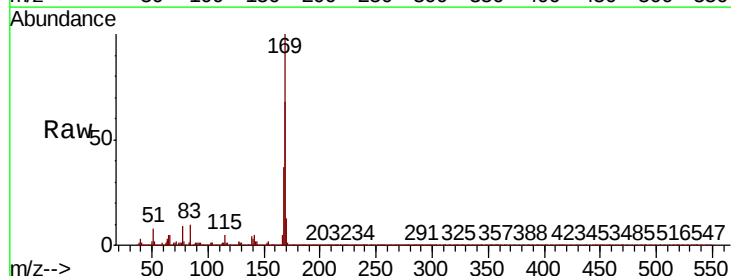
Instrument :
BNA_P
ClientSampleId :
PB131546BS

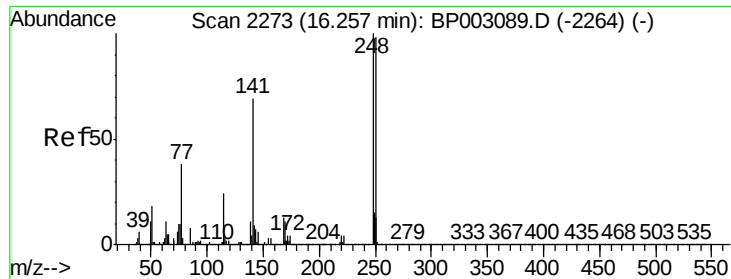
Tot Ion	Ratio	Lower	Upper
198	100		
51	26.5	6.4	46.4
105	37.3	18.9	58.9



#66
n-Nitrosodiphenylamine
Concen: 44.251 ng
RT: 15.56 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BP003259.D
Acq: 11 Sep 2020 14:17

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.6	53.8	80.6
167	36.6	28.9	43.3

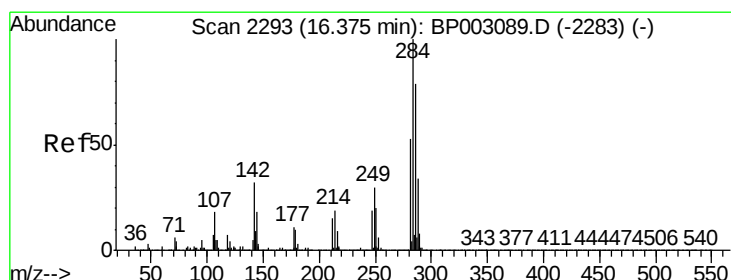
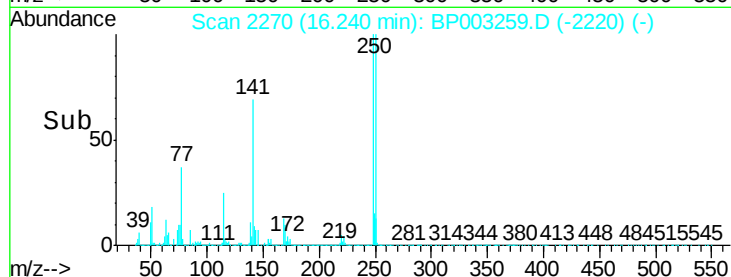
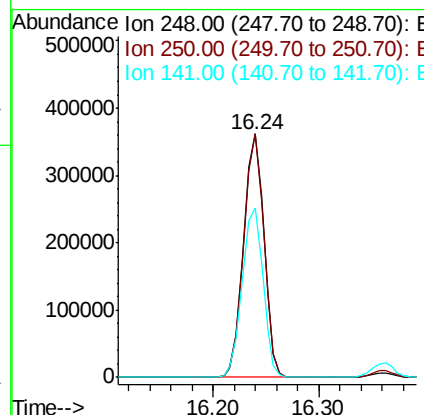
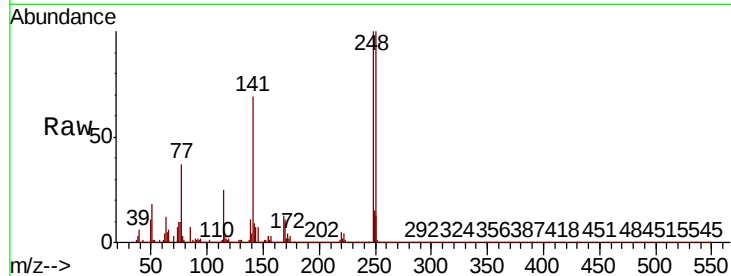




#67
4-Bromophenyl-phenylether
Concen: 44.048 ng
RT: 16.24 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BP003259.D
Acq: 11 Sep 2020 14:17

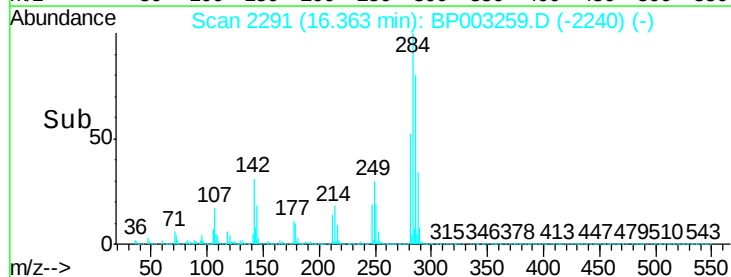
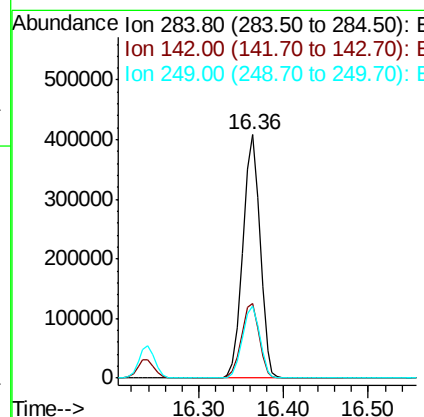
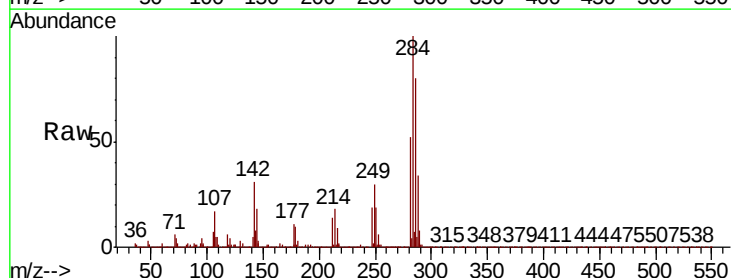
Instrument :
BNA_P
ClientSampleId :
PB131546BS

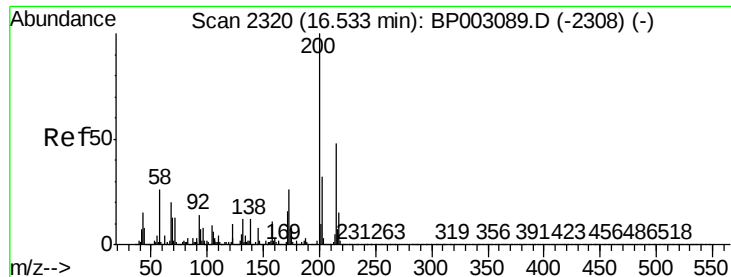
Tot Ion:248 Resp: 482833
Ion Ratio Lower Upper
248 100
250 99.9 76.7 115.1
141 69.4 53.0 79.6



#68
Hexachlorobenzene
Concen: 43.253 ng
RT: 16.36 min Scan# 2291
Delta R.T. -0.00 min
Lab File: BP003259.D
Acq: 11 Sep 2020 14:17

Tgt Ion:284 Resp: 564469
Ion Ratio Lower Upper
284 100
142 30.6 24.2 36.4
249 29.9 23.8 35.8





#69

Atrazine

Concen: 40.064 ng

RT: 16.52 min Scan# 2318

Delta R.T. -0.00 min

Lab File: BP003259.D

Acq: 11 Sep 2020 14:17

Instrument :

BNA_P

ClientSampleId :

PB131546BS

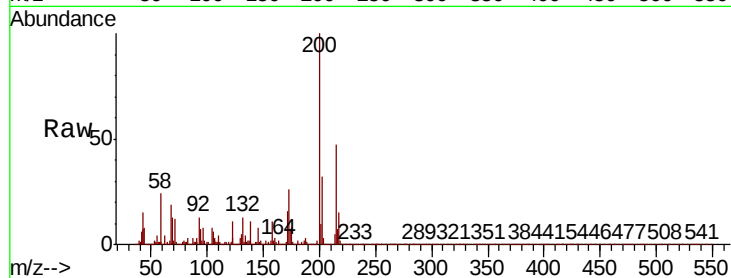
Tot Ion:200 Resp: 392425

Ion Ratio Lower Upper

200 100

173 25.8 5.9 45.9

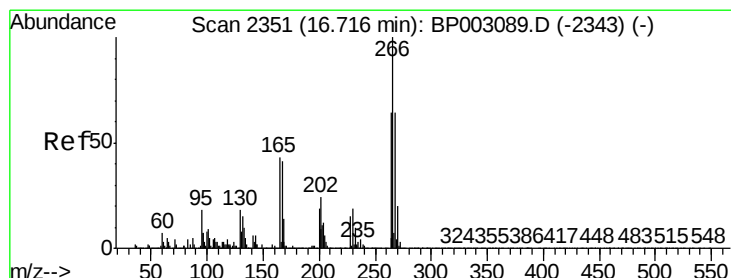
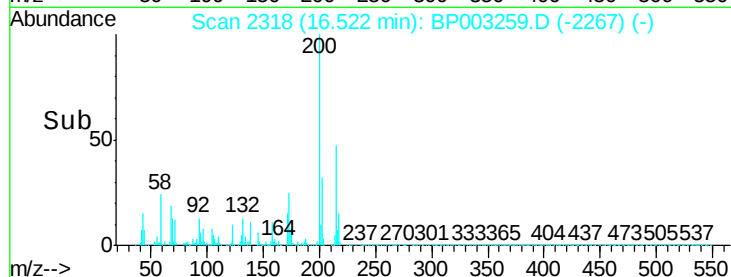
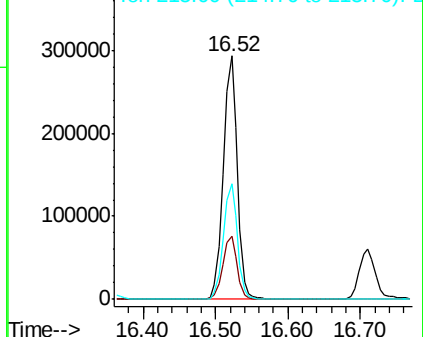
215 47.4 28.4 68.4



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: 84.456 ng

RT: 16.71 min Scan# 2350

Delta R.T. 0.01 min

Lab File: BP003259.D

Acq: 11 Sep 2020 14:17

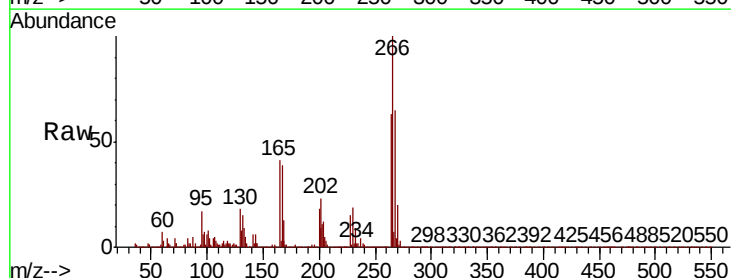
Tgt Ion:266 Resp: 527064

Ion Ratio Lower Upper

266 100

268 64.5 51.1 76.7

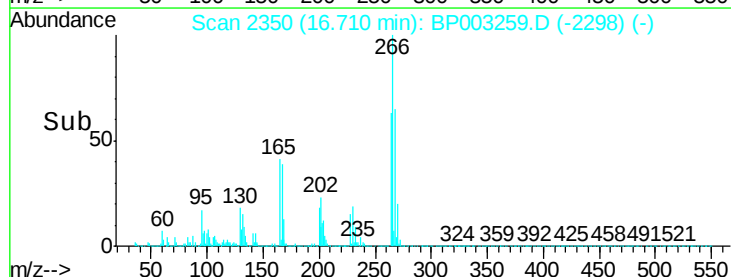
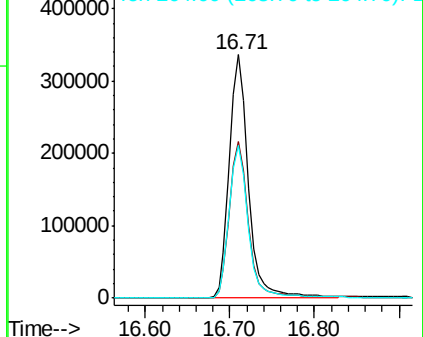
264 62.8 50.6 76.0

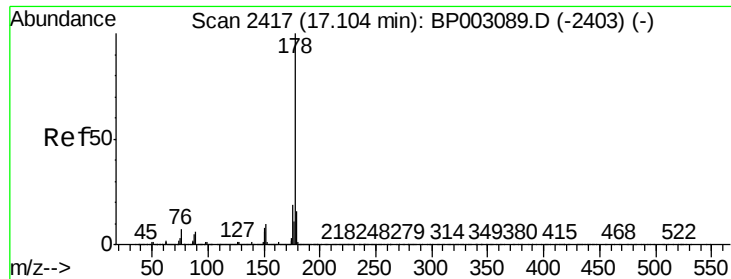


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

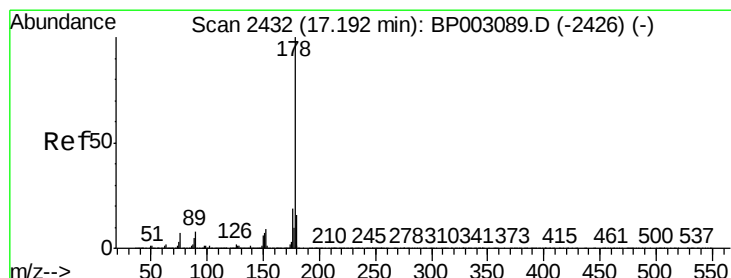
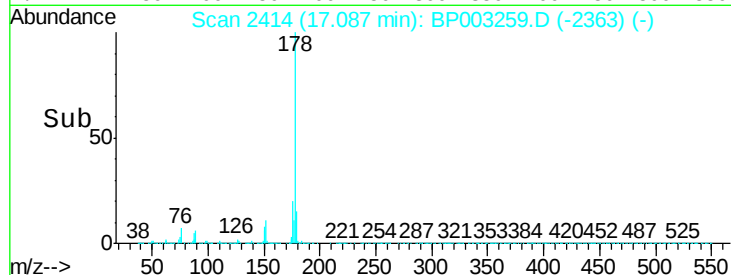
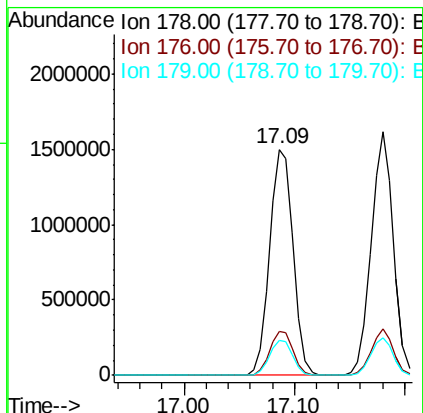
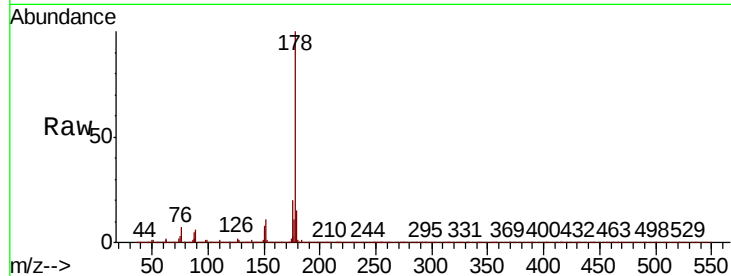




#71
Phenanthrene
Concen: 41.472 ng
RT: 17.09 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BP003259.D
Acq: 11 Sep 2020 14:17

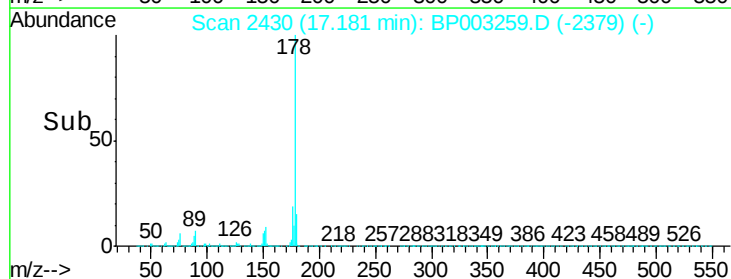
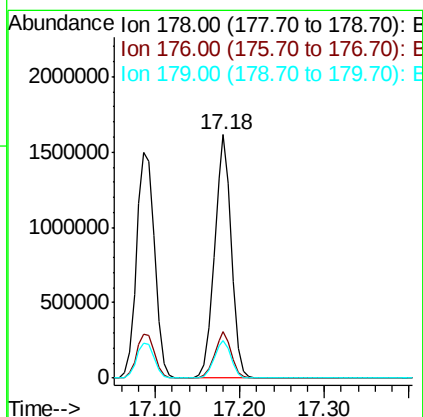
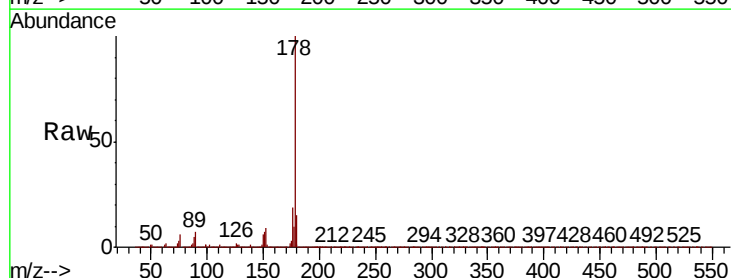
Instrument :
BNA_P
ClientSampleId :
PB131546BS

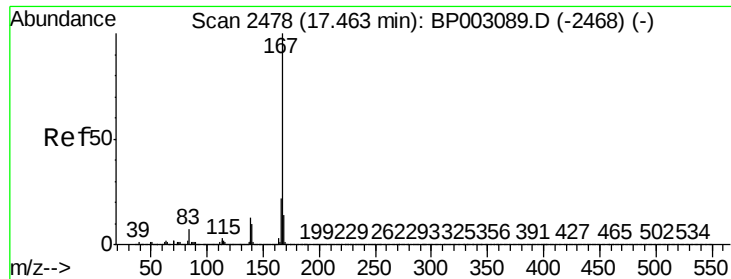
Tot Ion:178 Resp: 2231963
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 15.5 12.5 18.7



#72
Anthracene
Concen: 43.909 ng
RT: 17.18 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BP003259.D
Acq: 11 Sep 2020 14:17

Tgt Ion:178 Resp: 2261602
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.4 12.5 18.7





#73

Carbazole

Concen: 41.641 ng

RT: 17.45 min Scan# 2476

Delta R.T. -0.00 min

Lab File: BP003259.D

Acq: 11 Sep 2020 14:17

Instrument :

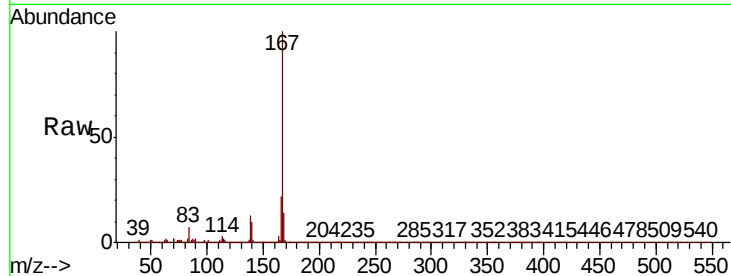
BNA_P

ClientSampleId :

PB131546BS

Tot Ion:167 Resp: 2058429

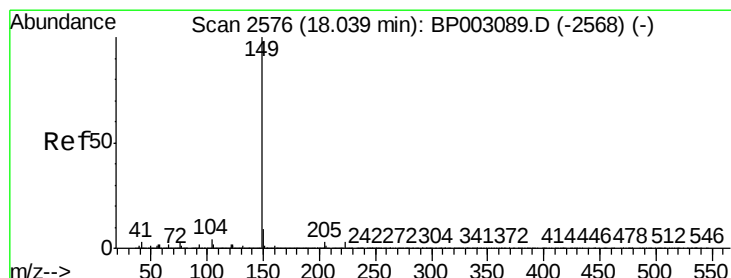
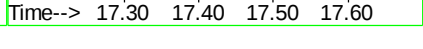
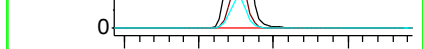
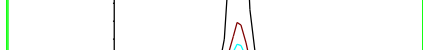
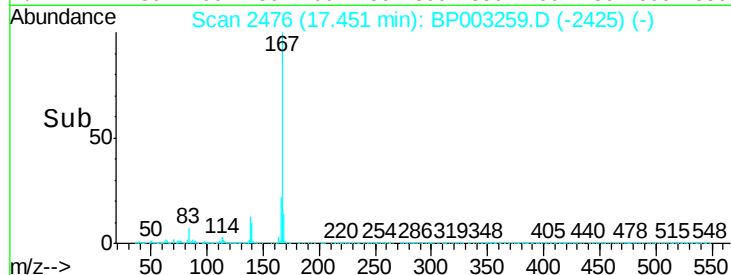
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	13.1	10.2	15.4



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 44.554 ng

RT: 18.02 min Scan# 2573

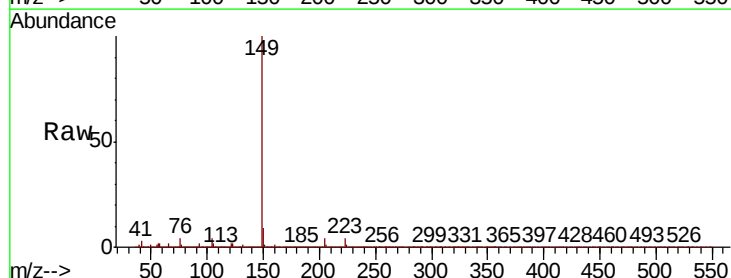
Delta R.T. -0.01 min

Lab File: BP003259.D

Acq: 11 Sep 2020 14:17

Tgt Ion:149 Resp: 2589053

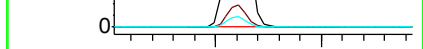
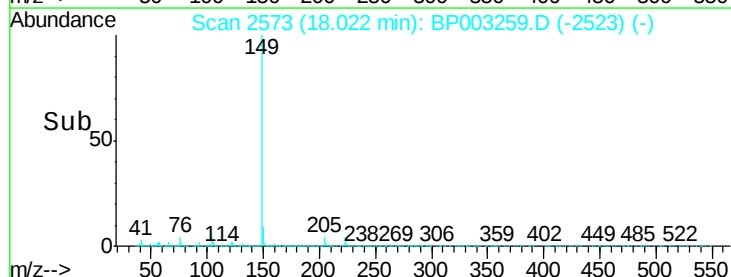
Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.4	3.4	5.0

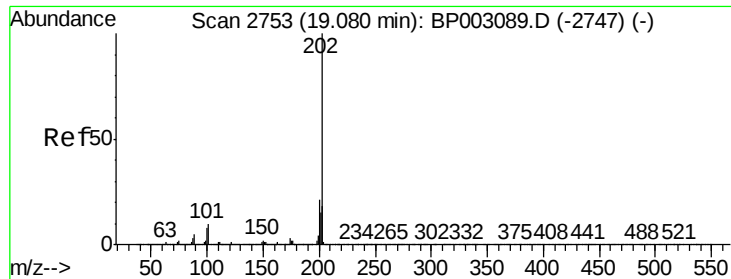


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.914 ng

RT: 19.07 min Scan# 2751

Delta R.T. -0.00 min

Lab File: BP003259.D

Acq: 11 Sep 2020 14:17

Instrument :

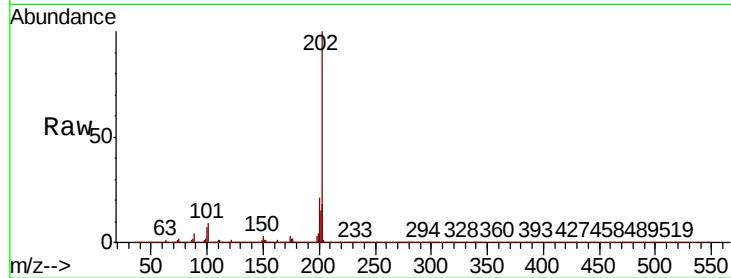
BNA_P

ClientSampleId :

PB131546BS

Tot Ion:202 Resp: 2544887

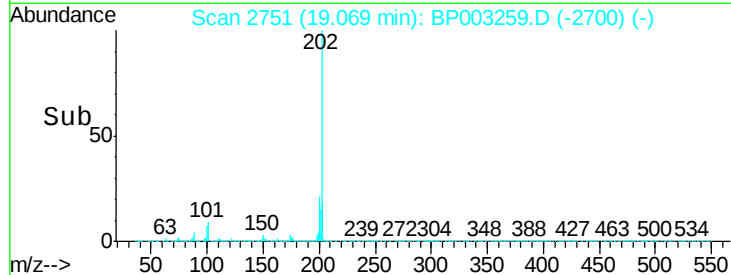
Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	29.4
203	17.8	0.0	37.8



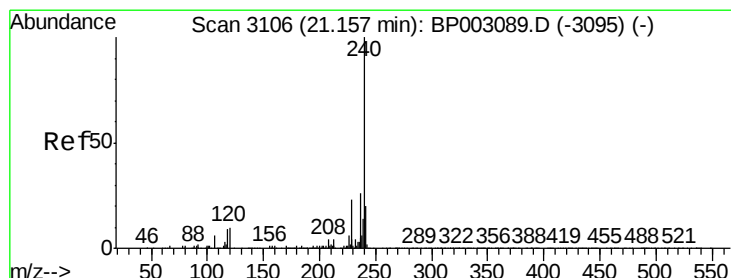
Abundance Ion 202.00 (201.70 to 202.70): E

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# 3104

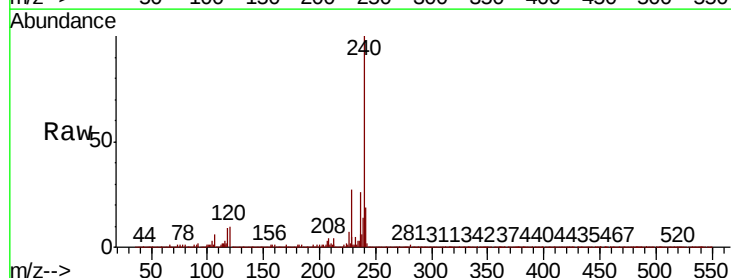
Delta R.T. -0.00 min

Lab File: BP003259.D

Acq: 11 Sep 2020 14:17

Tgt Ion:240 Resp: 831638

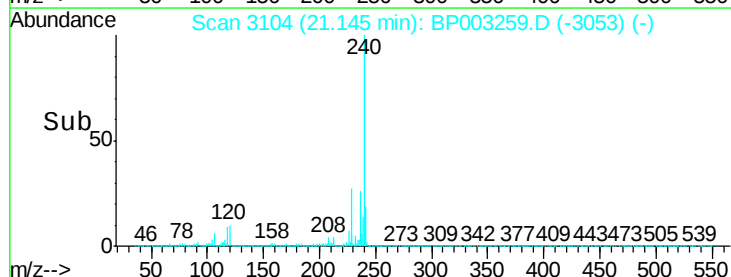
Ion	Ratio	Lower	Upper
240	100		
120	9.8	7.8	11.6
236	26.1	20.8	31.2



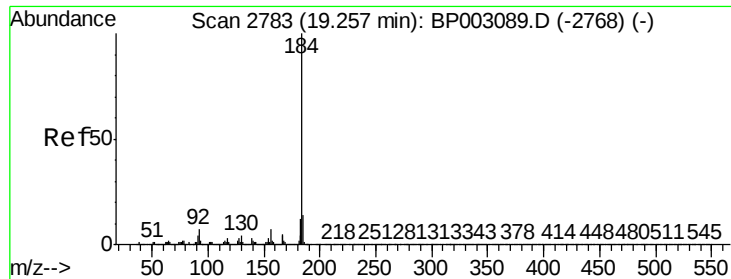
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#77

Benzidine

Concen: 51.935 ng

RT: 19.25 min Scan# 2782

Delta R.T. -0.00 min

Lab File: BP003259.D

Acq: 11 Sep 2020 14:17

Instrument :

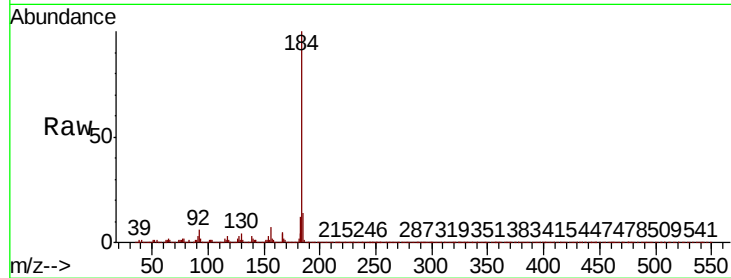
BNA_P

ClientSampleId :

PB131546BS

Tot Ion:184 Resp: 987124

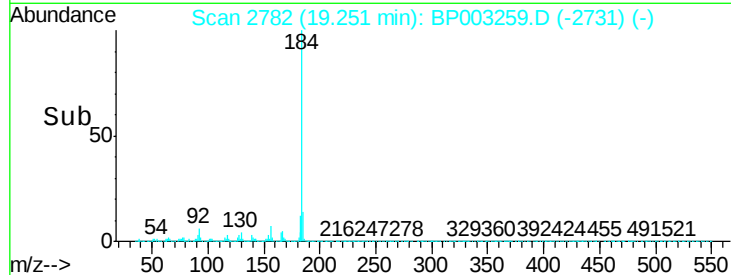
Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.5	17.3
183	12.1	9.6	14.4



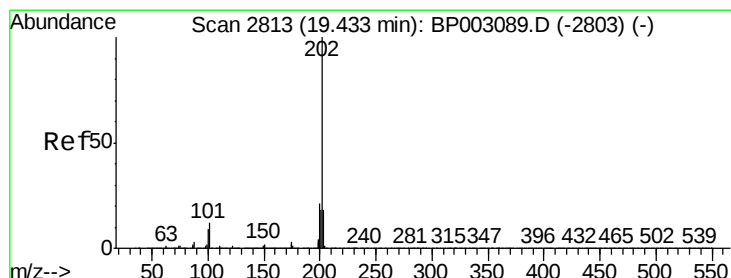
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 46.761 ng

RT: 19.42 min Scan# 2811

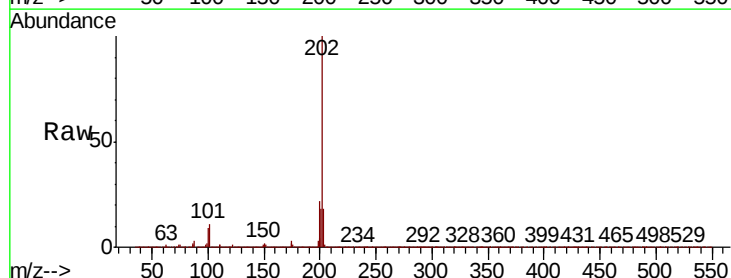
Delta R.T. 0.01 min

Lab File: BP003259.D

Acq: 11 Sep 2020 14:17

Tgt Ion:202 Resp: 2523960

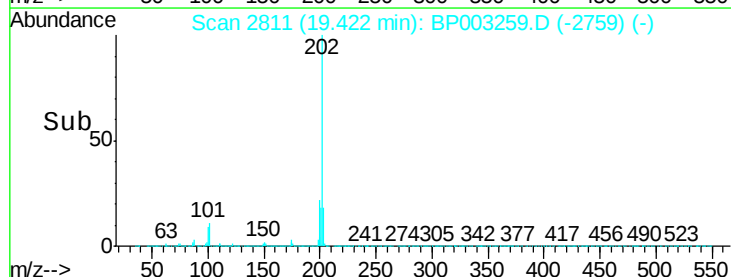
Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.1	25.7
203	17.6	14.2	21.2



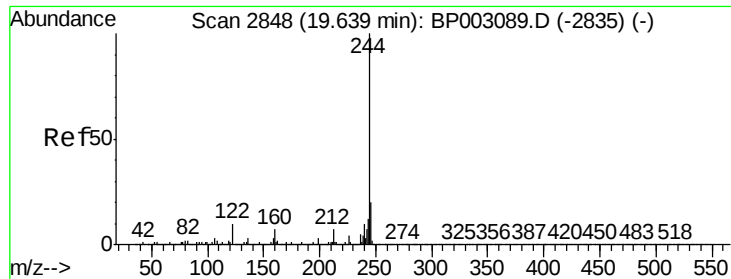
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#79

Terphenyl-d14

Concen: 105.687 ng

RT: 19.62 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BP003259.D

Acq: 11 Sep 2020 14:17

Instrument :

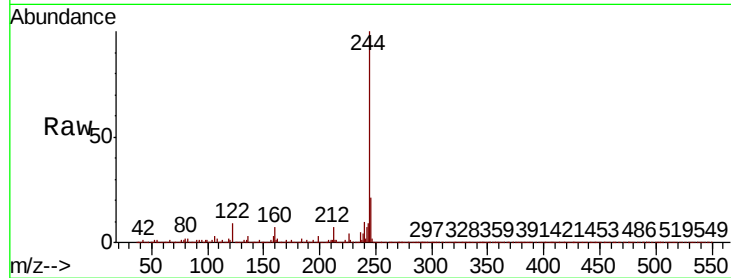
BNA_P

ClientSampleId :

PB131546BS

Tot Ion:244 Resp: 3994366

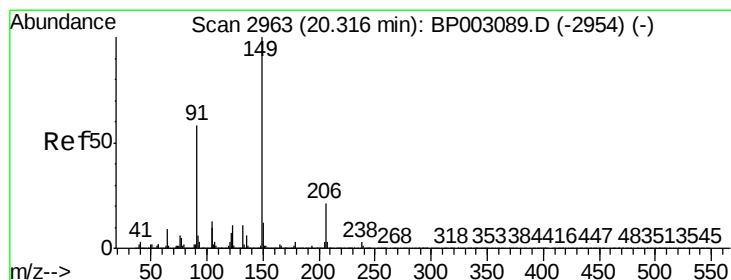
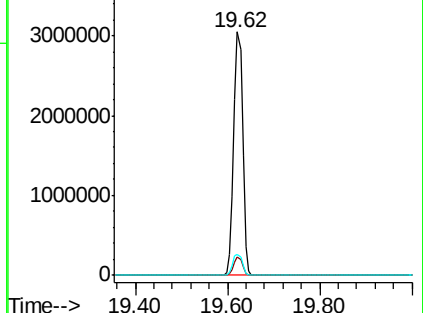
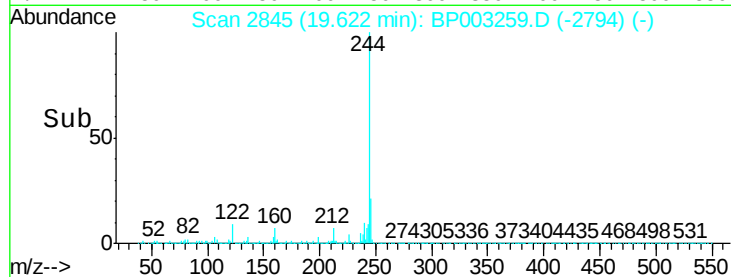
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	8.7	7.8	11.8



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: 50.400 ng

RT: 20.30 min Scan# 2961

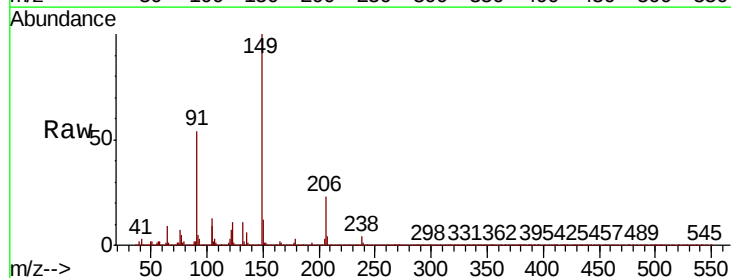
Delta R.T. -0.00 min

Lab File: BP003259.D

Acq: 11 Sep 2020 14:17

Tgt Ion:149 Resp: 1120080

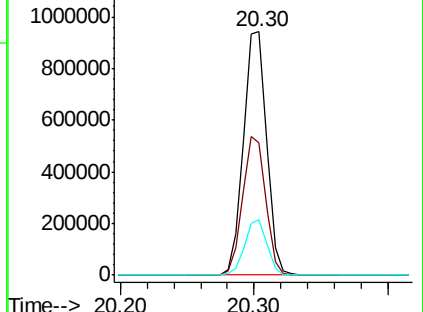
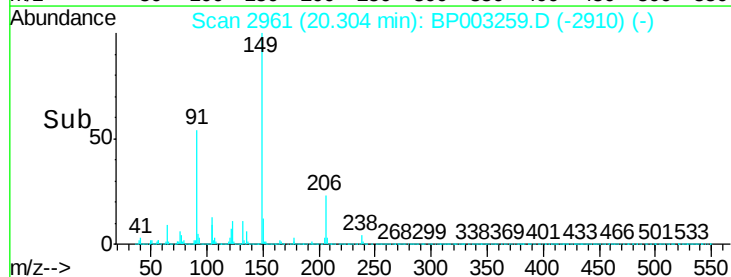
Ion	Ratio	Lower	Upper
149	100		
91	54.2	45.4	68.0
206	22.8	17.1	25.7

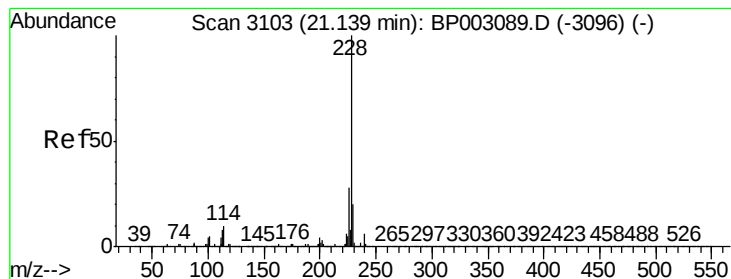


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.437 ng

RT: 21.13 min Scan# 3101

Delta R.T. -0.00 min

Lab File: BP003259.D

Acq: 11 Sep 2020 14:17

Instrument :

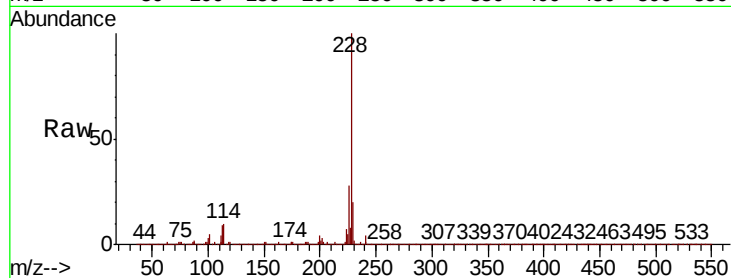
BNA_P

ClientSampleId :

PB131546BS

Tot Ion:228 Resp: 2210680

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.1	33.1
229	20.1	15.9	23.9

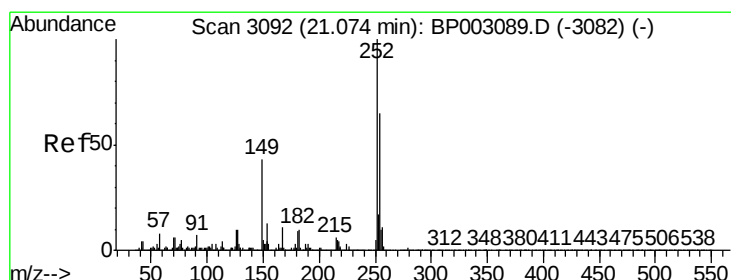
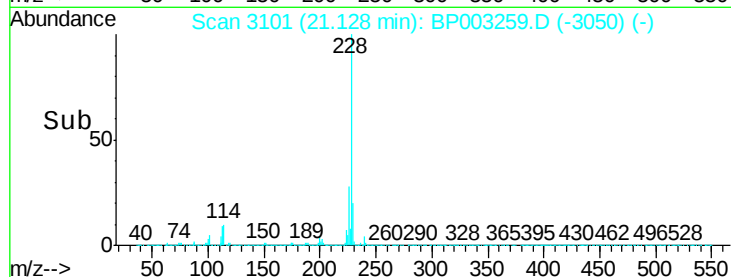
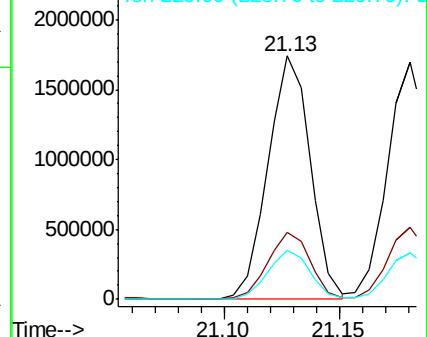


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.713 ng

RT: 21.06 min Scan# 3090

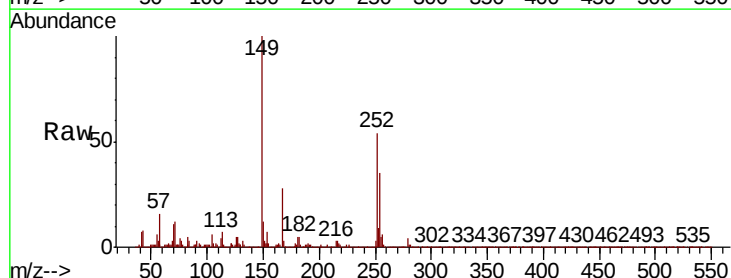
Delta R.T. -0.00 min

Lab File: BP003259.D

Acq: 11 Sep 2020 14:17

Tgt Ion:252 Resp: 780124

Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.0	76.4
126	9.5	7.9	11.9

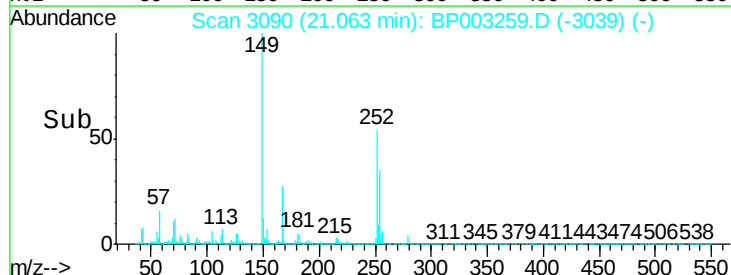
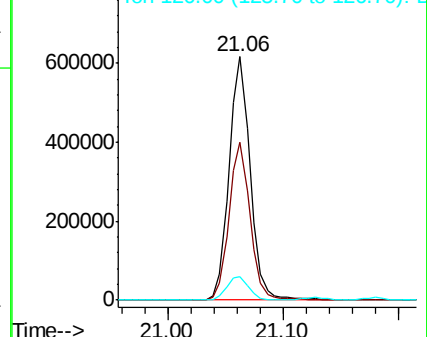


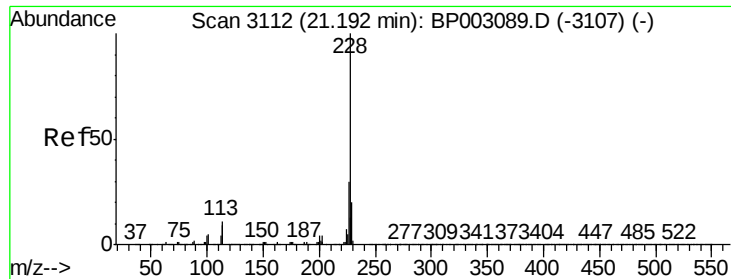
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.083 ng

RT: 21.18 min Scan# 3110

Delta R.T. -0.00 min

Lab File: BP003259.D

Acq: 11 Sep 2020 14:17

Instrument :

BNA_P

ClientSampleId :

PB131546BS

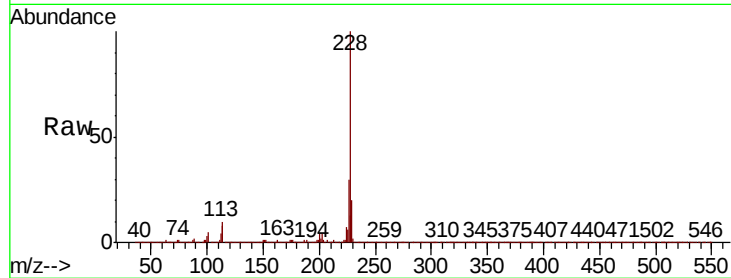
Tot Ion:228 Resp: 2148840

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.4	36.6
229	19.6	15.8	23.6

228 100

226 30.2 24.4 36.6

229 19.6 15.8 23.6

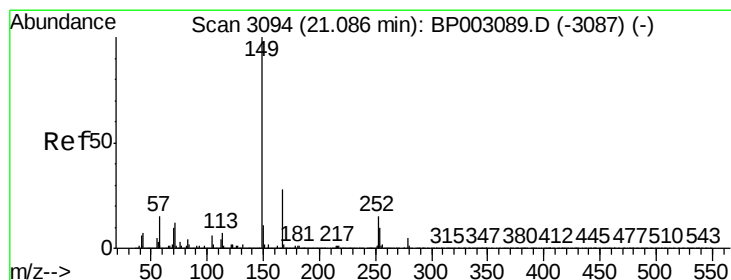
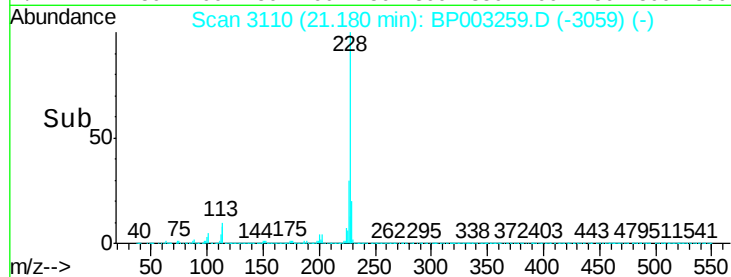
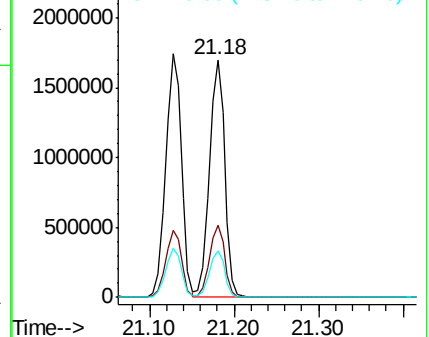


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.033 ng

RT: 21.07 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BP003259.D

Acq: 11 Sep 2020 14:17

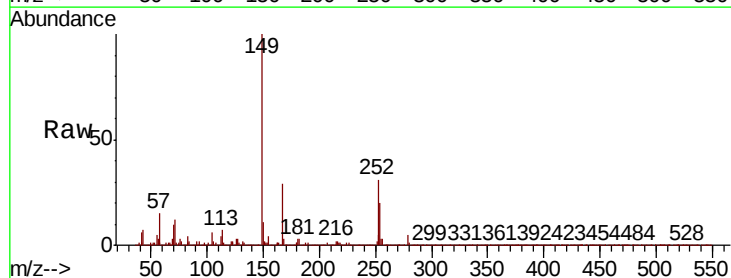
Tgt Ion:149 Resp: 1541576

Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.6	34.0
279	5.5	4.2	6.2

149 100

167 28.9 22.6 34.0

279 5.5 4.2 6.2

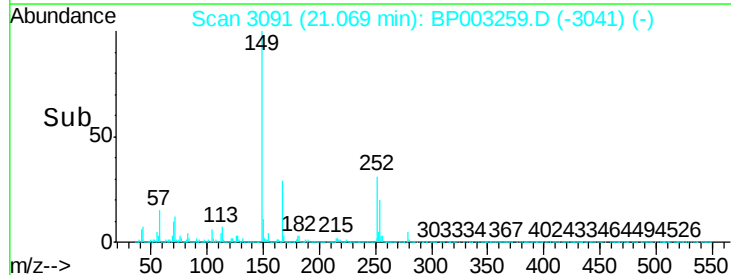
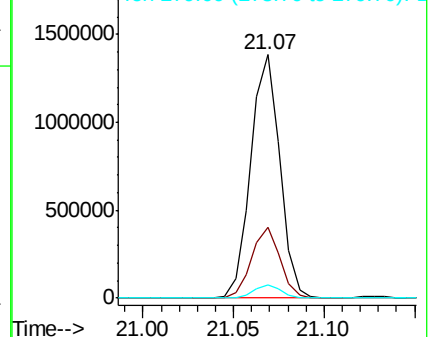


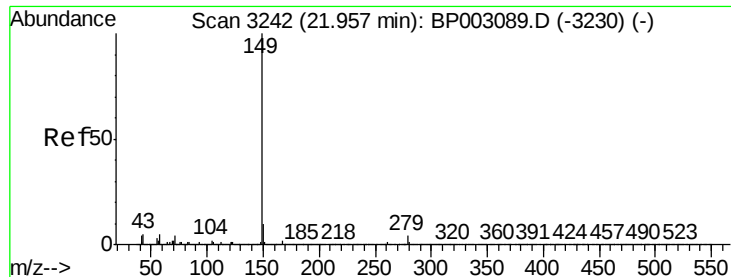
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 48.160 ng

RT: 21.94 min Scan# 3239

Delta R.T. -0.01 min

Lab File: BP003259.D

Acq: 11 Sep 2020 14:17

Instrument :

BNA_P

ClientSampleId :

PB131546BS

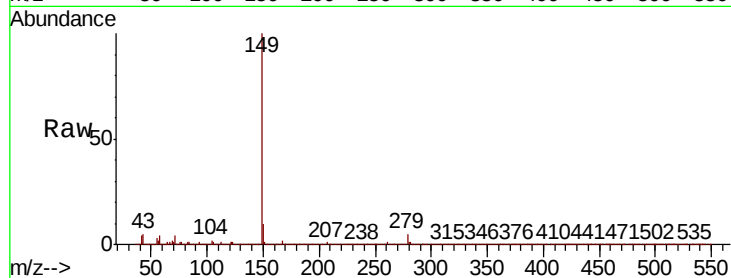
Tot Ion:149 Resp: 2650075

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

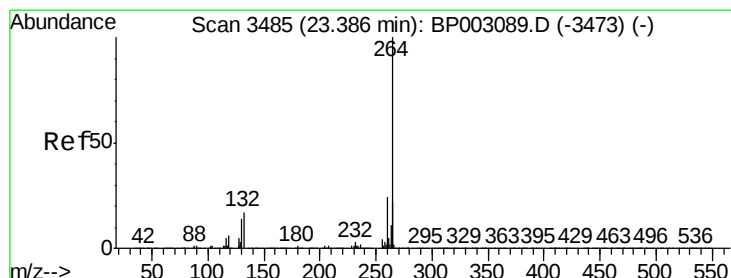
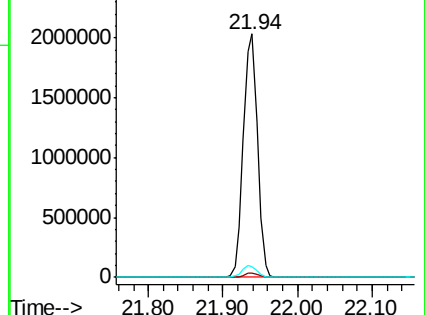
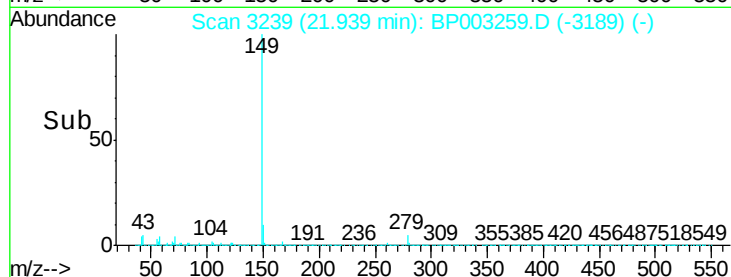
43 4.8 3.7 5.5



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: 23.37 min Scan# 3483

Delta R.T. 0.01 min

Lab File: BP003259.D

Acq: 11 Sep 2020 14:17

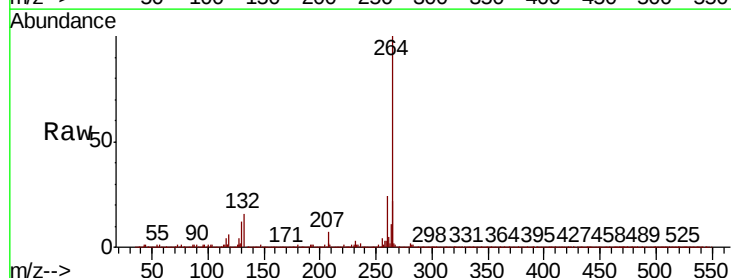
Tgt Ion:264 Resp: 806736

Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

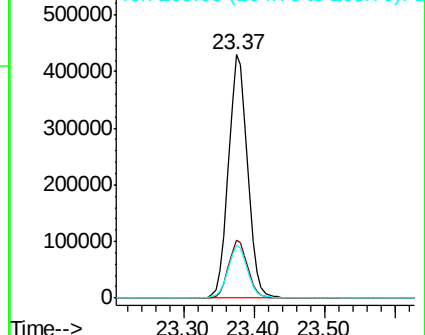
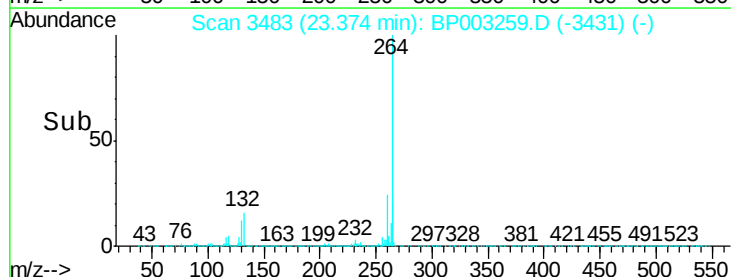
265 21.6 17.4 26.2

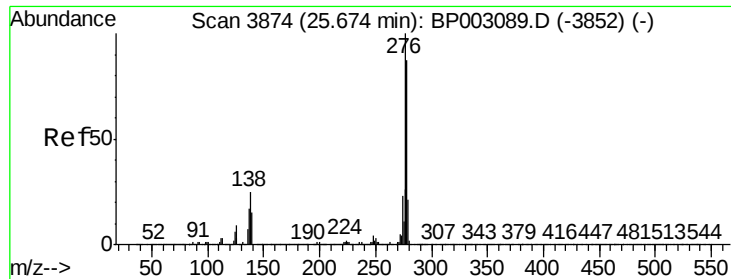


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

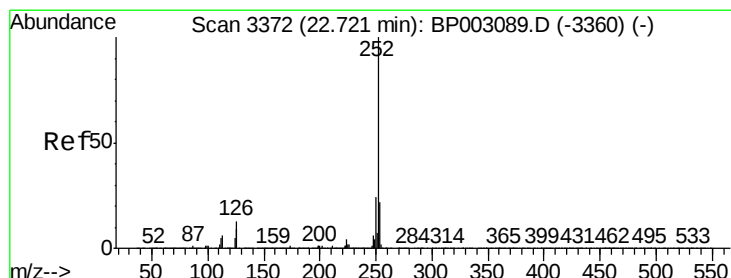
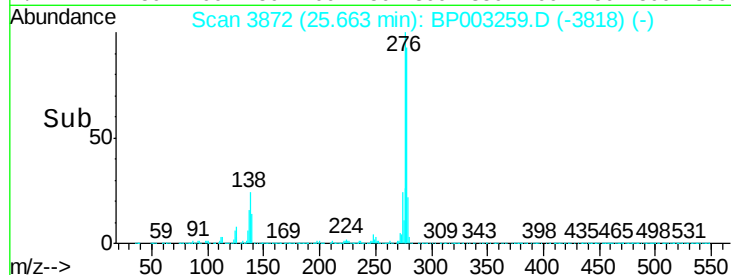
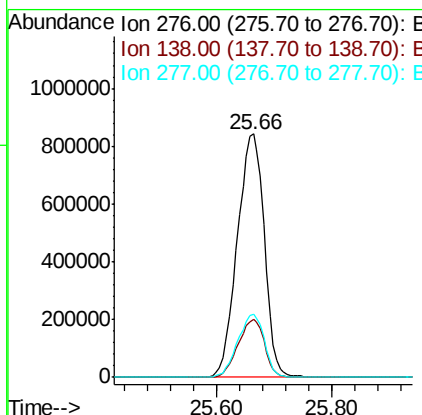
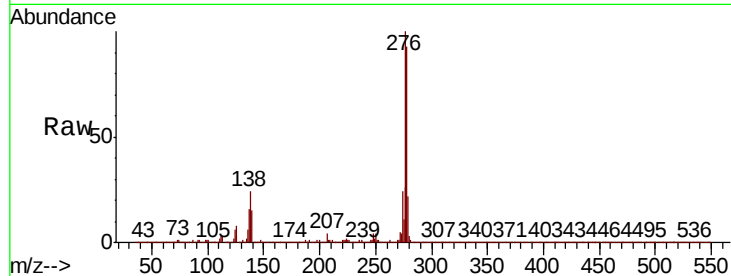




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.448 ng
 RT: 25.66 min Scan# 3872
 Delta R.T. 0.02 min
 Lab File: BP003259.D
 Acq: 11 Sep 2020 14:17

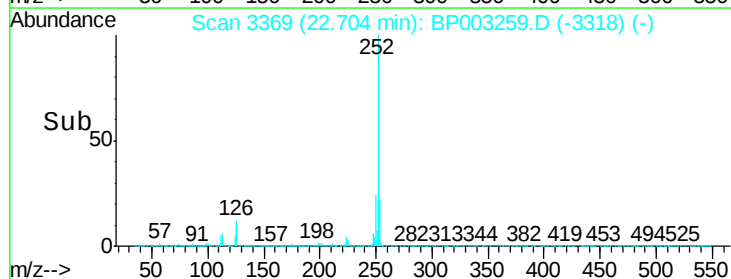
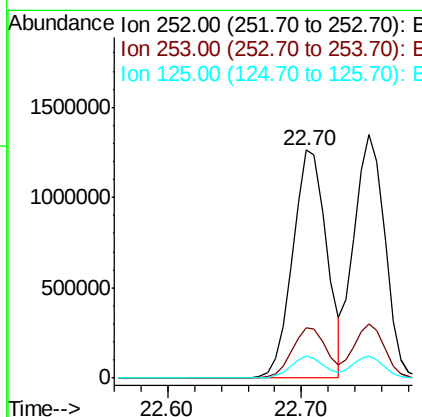
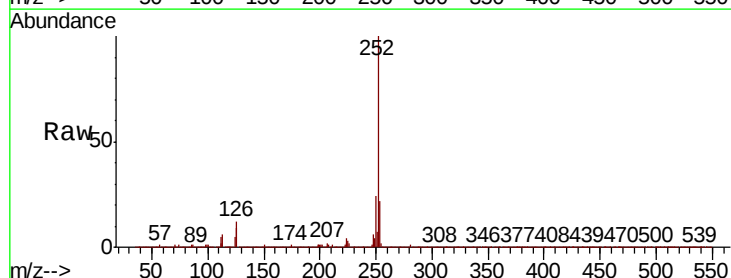
Instrument :
 BNA_P
 ClientSampleId :
 PB131546BS

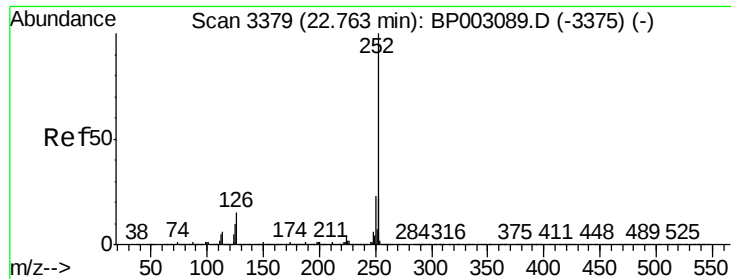
Tot Ion:276 Resp: 2734225
 Ion Ratio Lower Upper
 276 100
 138 23.2 18.7 28.1
 277 25.5 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 44.382 ng
 RT: 22.70 min Scan# 3369
 Delta R.T. -0.00 min
 Lab File: BP003259.D
 Acq: 11 Sep 2020 14:17

Tgt Ion:252 Resp: 2225351
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.6 26.4
 125 9.5 7.3 10.9

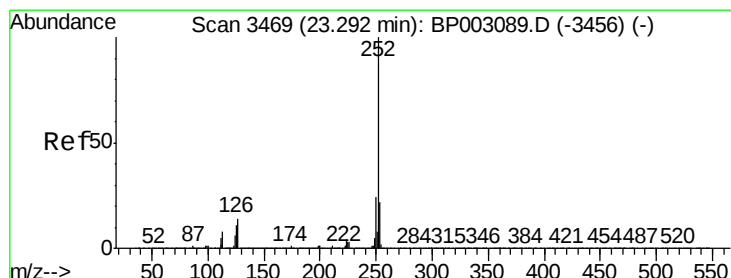
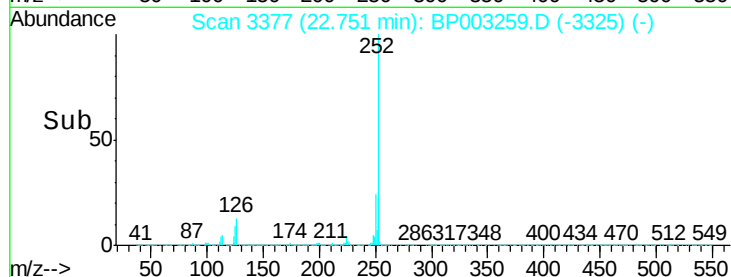
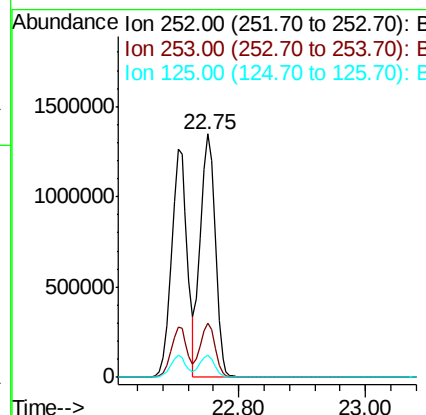
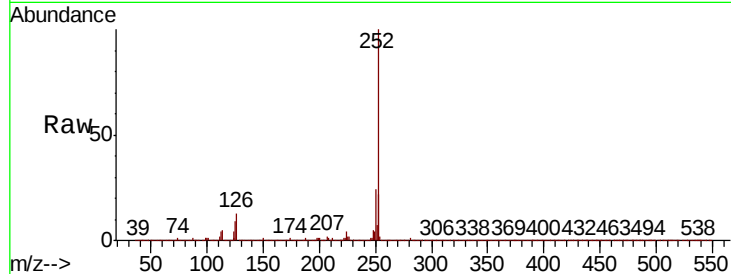




#89
Benzo(k)fluoranthene
Concen: 45.429 ng
RT: 22.75 min Scan# 3377
Delta R.T. 0.01 min
Lab File: BP003259.D
Acq: 11 Sep 2020 14:17

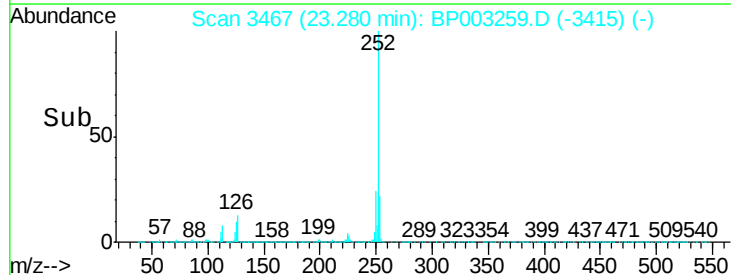
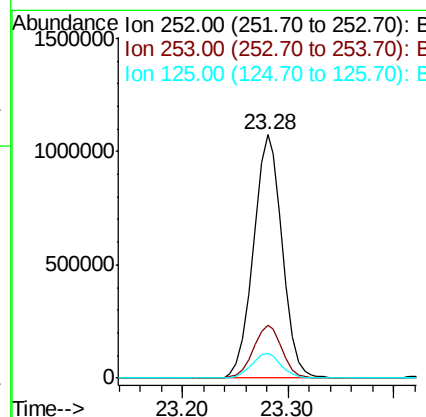
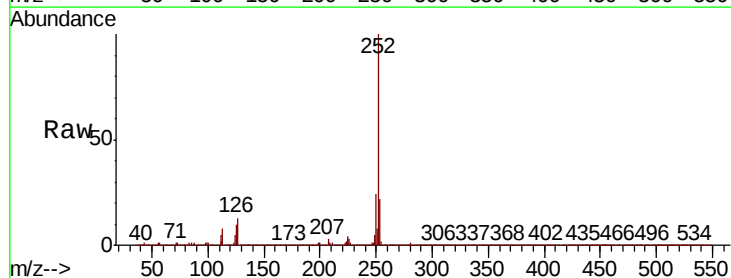
Instrument :
BNA_P
ClientSampleId :
PB131546BS

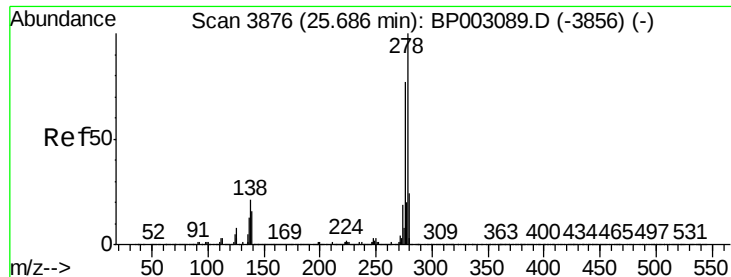
Tot Ion:252 Resp: 2176386
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 9.0 7.4 11.2



#90
Benzo(a)pyrene
Concen: 43.720 ng
RT: 23.28 min Scan# 3467
Delta R.T. 0.01 min
Lab File: BP003259.D
Acq: 11 Sep 2020 14:17

Tgt Ion:252 Resp: 2033740
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 10.3 8.2 12.4





#91

Dibenzo(a,h)anthracene

Concen: 46.319 ng

RT: 25.67 min Scan# 3873

Delta R.T. 0.01 min

Lab File: BP003259.D

Acq: 11 Sep 2020 14:17

Instrument :

BNA_P

ClientSampled :

PB131546BS

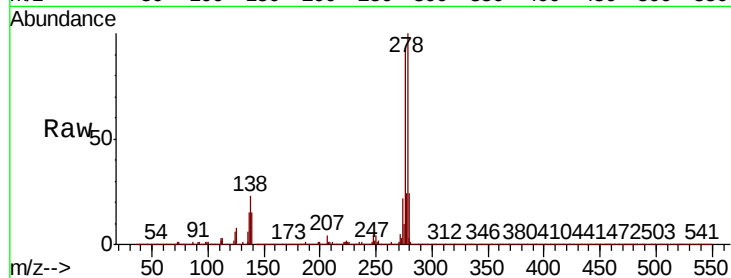
Tot Ion:278 Resp: 2289180

Ion	Ratio	Lower	Upper
278	100		
139	15.2	12.4	18.6
279	24.0	19.0	28.6

278 100

139 15.2 12.4 18.6

279 24.0 19.0 28.6

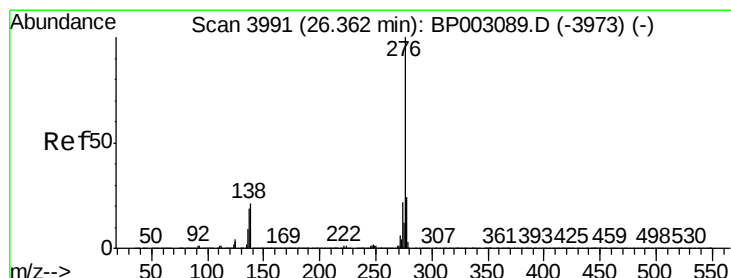
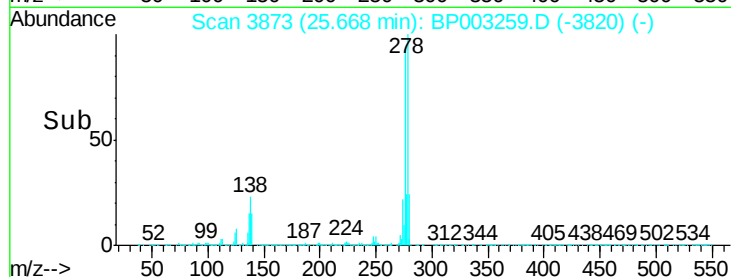
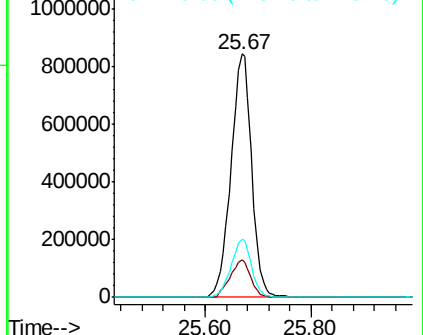


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.735 ng

RT: 26.35 min Scan# 3989

Delta R.T. 0.02 min

Lab File: BP003259.D

Acq: 11 Sep 2020 14:17

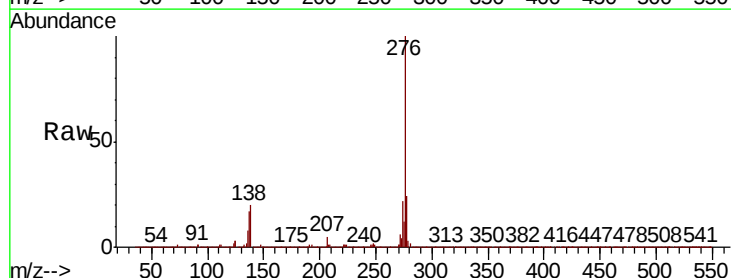
Tgt Ion:276 Resp: 2317945

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.6
138	19.9	16.6	24.8

276 100

277 24.0 19.0 28.6

138 19.9 16.6 24.8



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

