

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
 Data File : BP002862.D
 Acq On : 24 Jul 2020 19:57
 Operator : CG/JU
 Sample : L3382-23
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CTR-024

Quant Time: Jul 24 23:57:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 24 15:50:46 2020
 Response via : Initial Calibration

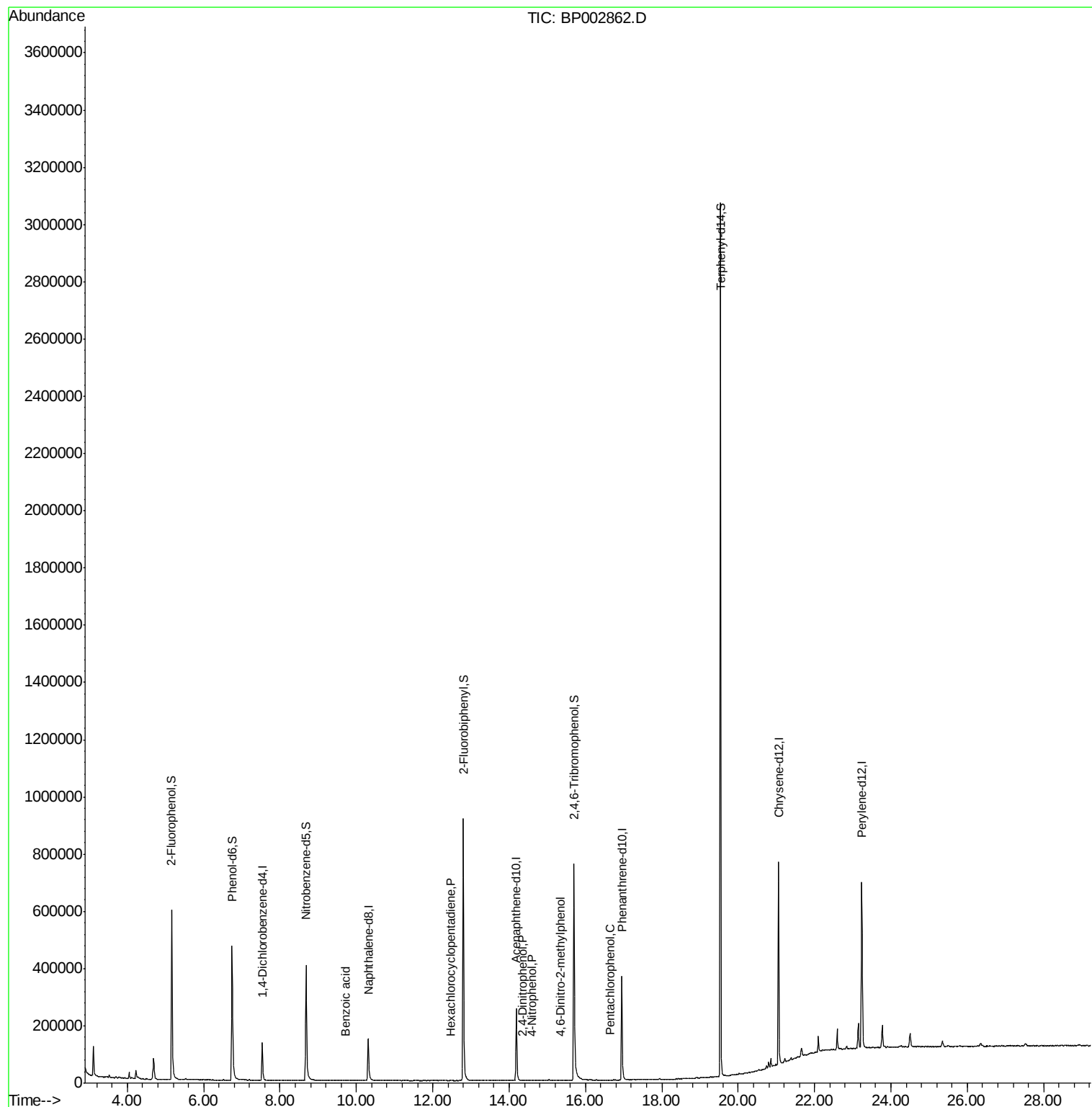
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	38760	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	155326	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	99726	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	246347	20.00	ng	0.00
76) Chrysene-d12	21.06	240	352239	20.00	ng	0.00
86) Perylene-d12	23.23	264	397754	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	314705	136.99	ng	0.00
7) Phenol-d6	6.74	99	356071	108.60	ng	0.00
23) Nitrobenzene-d5	8.68	82	289664	99.74	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	172223	165.44	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	535437	83.06	ng	0.00
79) Terphenyl-d14	19.53	244	1241643	80.82	ng	0.00
Target Compounds						
32) Benzoic acid	9.70	122	17	7.071	ng	Qvalue # 1
41) Hexachlorocyclopentadiene	12.46	237	7	7.439	ng	79
54) 2,4-Dinitrophenol	14.35	184	19	11.392	ng	# 13
56) 4-Nitrophenol	14.59	139	7	4.976	ng	87
65) 4,6-Dinitro-2-methylphenol	15.35	198	6	5.270	ng	# 1
70) Pentachlorophenol	16.65	266	14	7.451	ng	# 75

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

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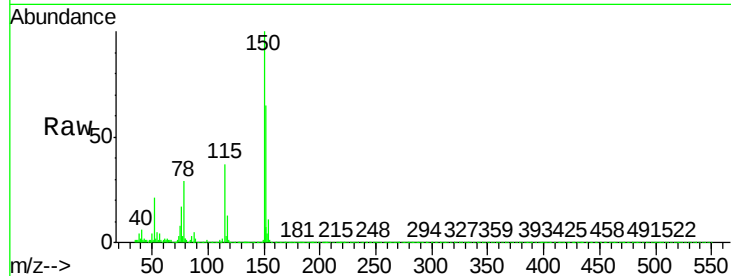


#1

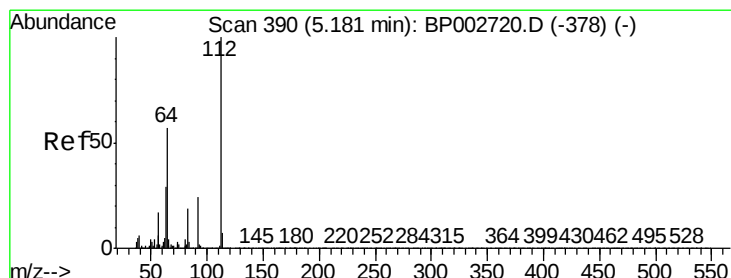
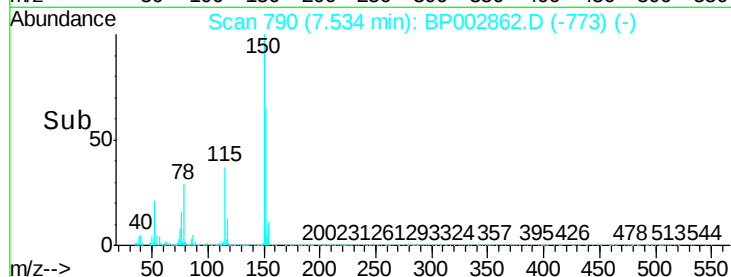
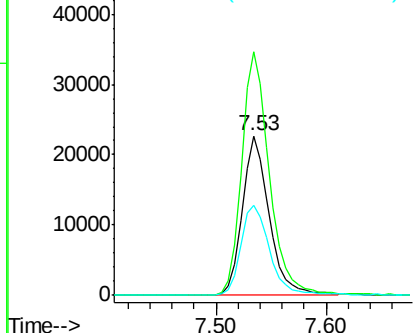
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.53 min Scan# 790
Delta R.T. 0.00 min
Lab File: BP002862.D
Acq: 24 Jul 2020 19:57

Instrument :
BNA_P
ClientSampleId :
CTR-024

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	122.5	183.7
115	56.6	48.5	72.7



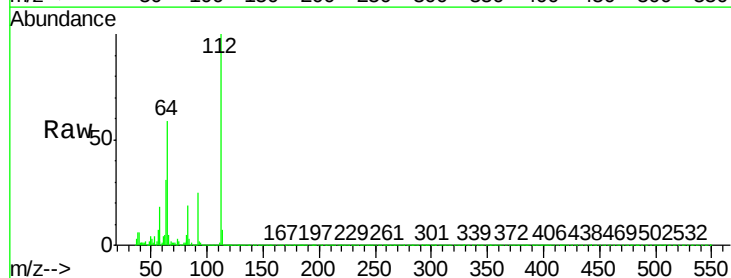
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



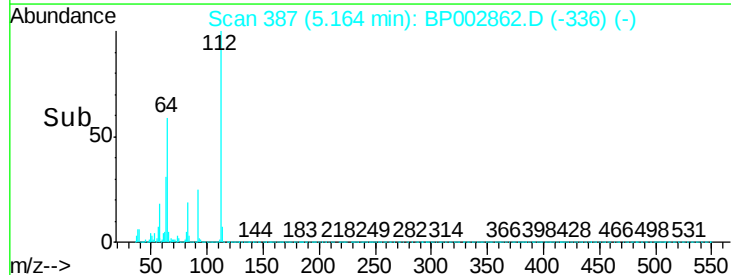
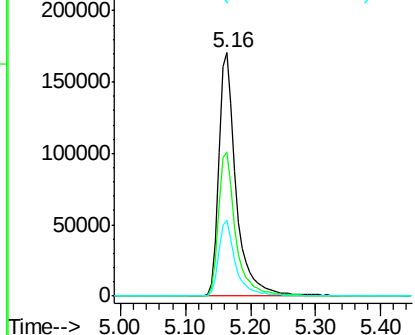
#5

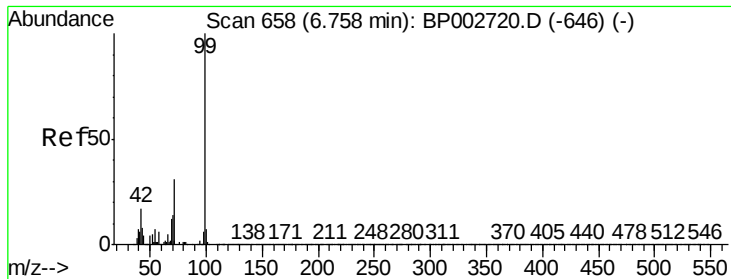
2-Fluorophenol
Concen: 136.988 ng
RT: 5.16 min Scan# 387
Delta R.T. 0.00 min
Lab File: BP002862.D
Acq: 24 Jul 2020 19:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	48.1	72.1
63	31.1	24.9	37.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BP0
Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 108.603 ng

RT: 6.74 min Scan# 655

Delta R.T. 0.00 min

Lab File: BP002862.D

Acq: 24 Jul 2020 19:57

Instrument :

BNA_P

ClientSampleId :

CTR-024

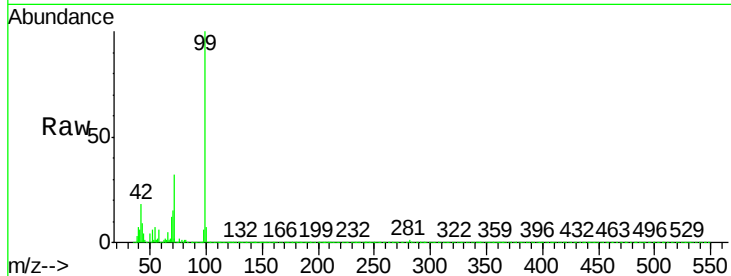
Tot Ion: 99 Resp: 356071

Ion Ratio Lower Upper

99 100

42 18.0 14.2 21.4

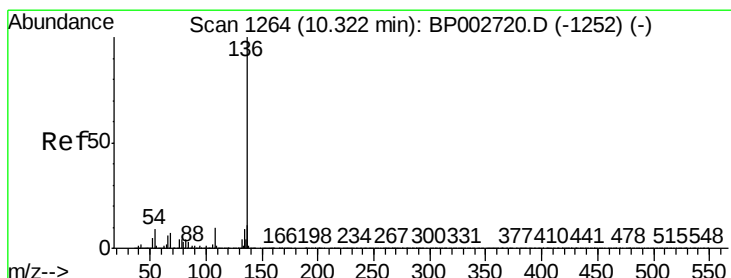
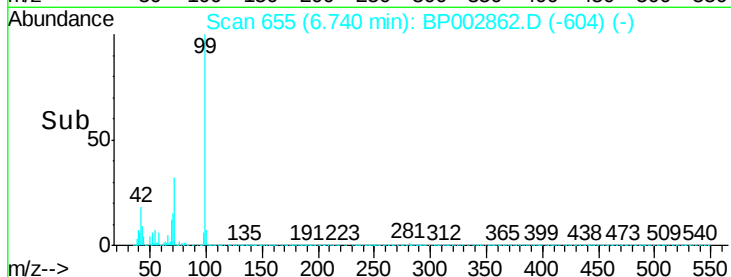
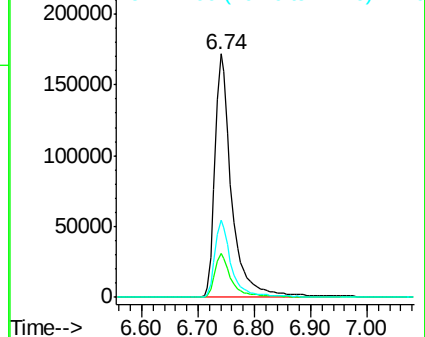
71 31.6 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.31 min Scan# 1262

Delta R.T. 0.01 min

Lab File: BP002862.D

Acq: 24 Jul 2020 19:57

Tgt Ion: 136 Resp: 155326

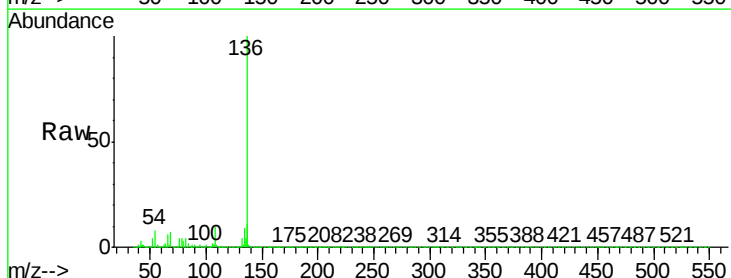
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 8.4 7.3 10.9

68 6.9 5.7 8.5

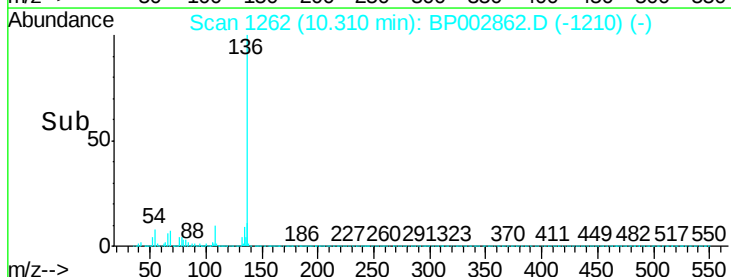
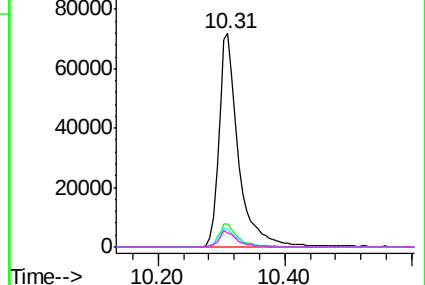


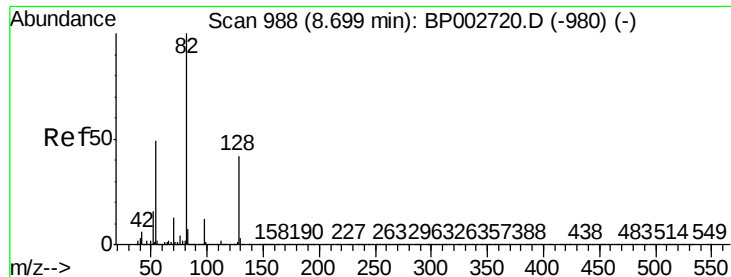
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

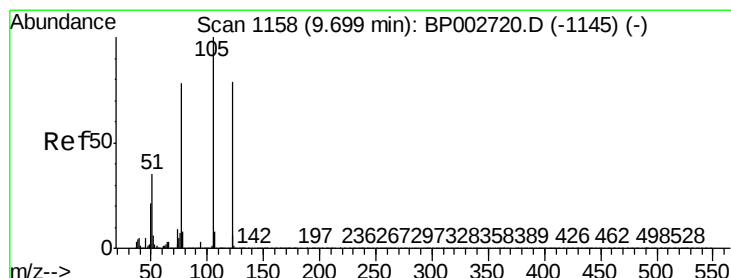
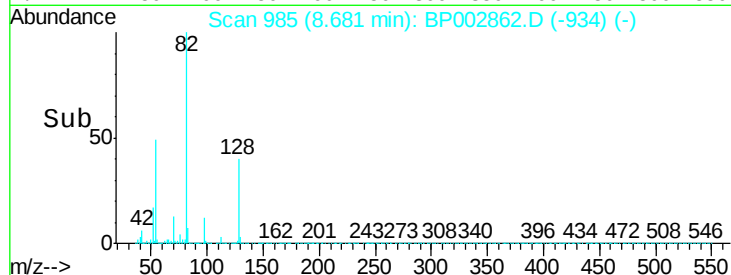
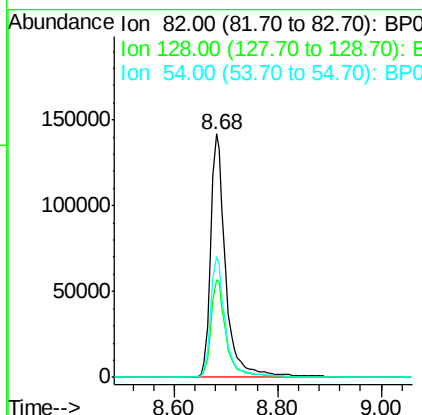
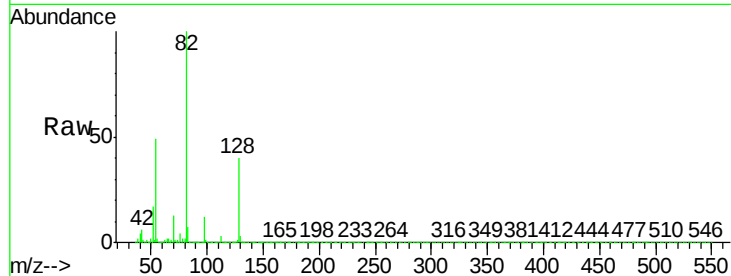




#23
Nitrobenzene-d5
Concen: 99.740 ng
RT: 8.68 min Scan# 985
Delta R.T. 0.00 min
Lab File: BP002862.D
Acq: 24 Jul 2020 19:57

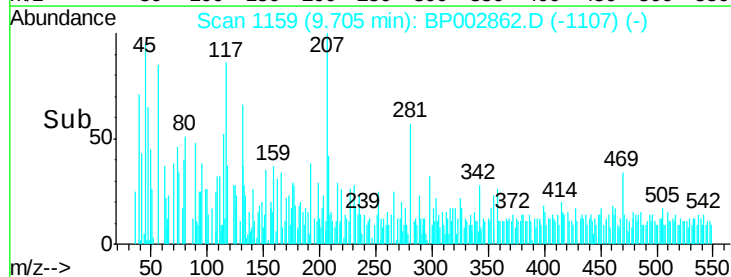
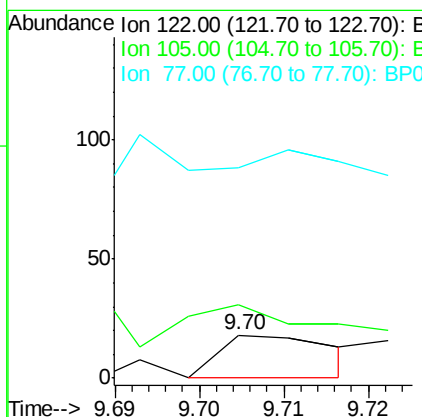
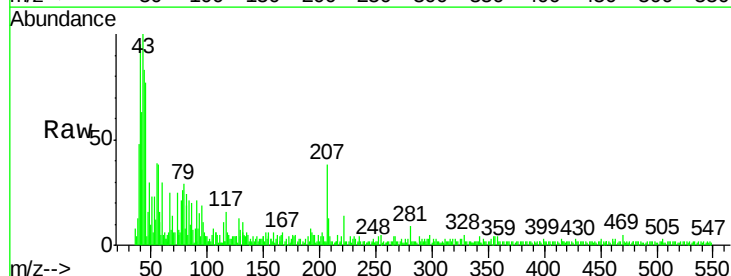
Instrument :
BNA_P
ClientSampleId :
CTR-024

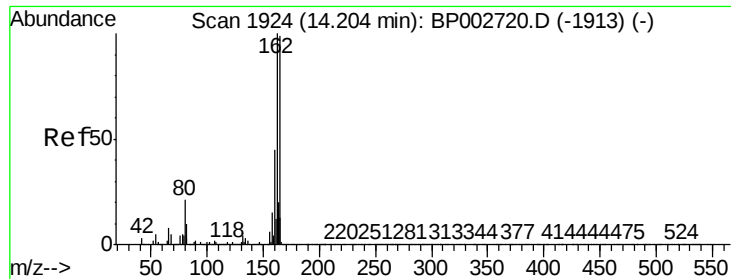
Tot Ion	82	Resp	289664
Ion Ratio	Lower	Upper	
82	100		
128	40.1	32.6	49.0
54	49.4	38.9	58.3



#32
Benzoic acid
Concen: 7.071 ng
RT: 9.70 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BP002862.D
Acq: 24 Jul 2020 19:57

Tgt Ion	122	Resp	17
Ion Ratio	Lower	Upper	
122	100		
105	172.2	101.9	141.9#
77	488.9	78.0	118.0#

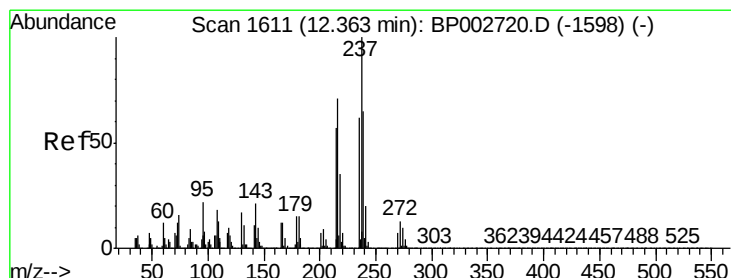
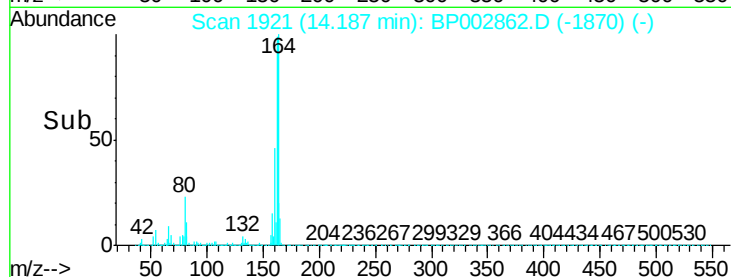
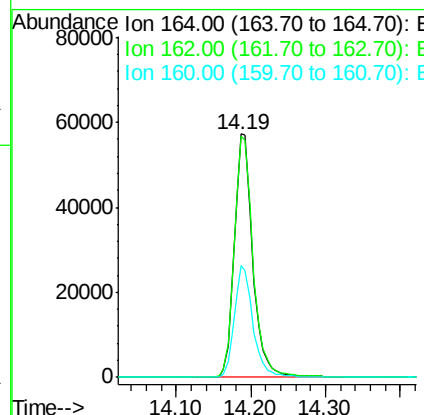
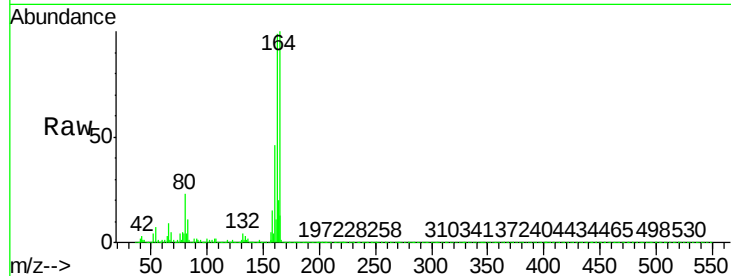




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.19 min Scan# 1921
Delta R.T. 0.00 min
Lab File: BP002862.D
Acq: 24 Jul 2020 19:57

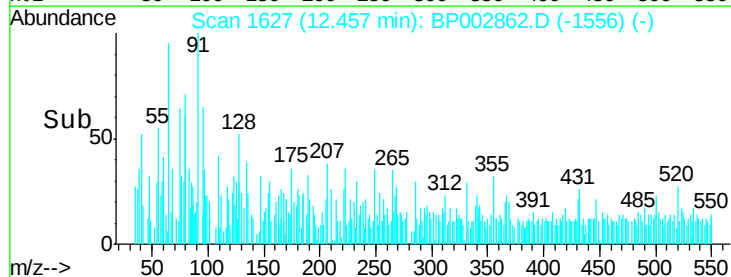
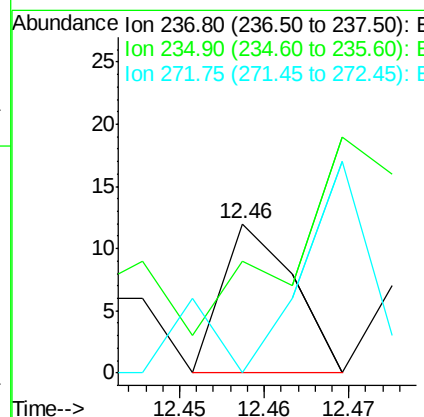
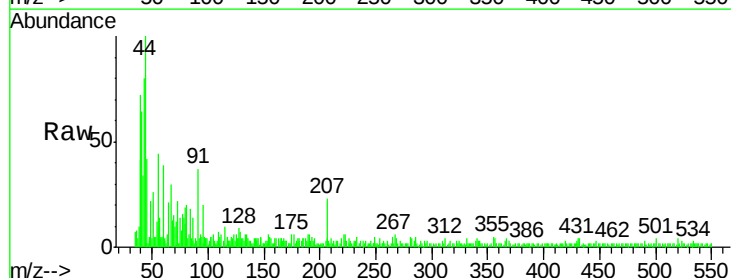
Instrument :
BNA_P
ClientSampleId :
CTR-024

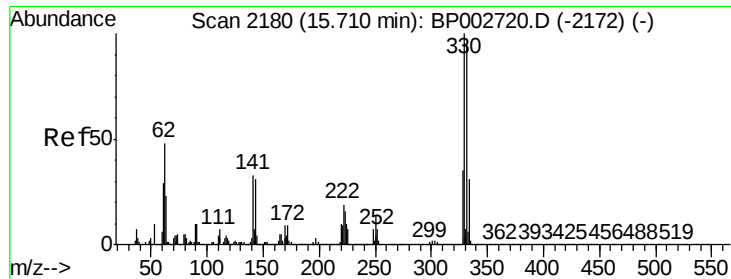
Tot Ion:164 Resp: 99726
Ion Ratio Lower Upper
164 100
162 99.2 78.4 117.6
160 46.2 36.1 54.1



#41
Hexachlorocyclopentadiene
Concen: 7.439 ng
RT: 12.46 min Scan# 1627
Delta R.T. 0.12 min
Lab File: BP002862.D
Acq: 24 Jul 2020 19:57

Tgt Ion:237 Resp: 7
Ion Ratio Lower Upper
237 100
235 75.0 40.9 80.9
272 0.0 0.0 32.1

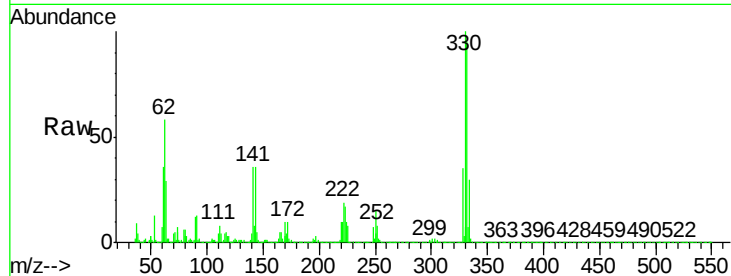




#42
 2,4,6-Tribromophenol
 Concen: 165.443 ng
 RT: 15.69 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: BP002862.D
 Acq: 24 Jul 2020 19:57

Instrument :
 BNA_P
 ClientSampleId :
 CTR-024

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.6	116.4
141	36.6	29.0	43.6

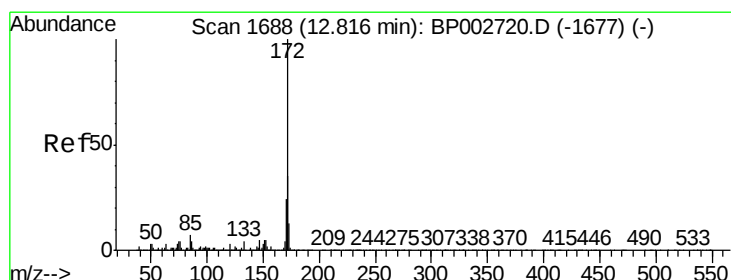
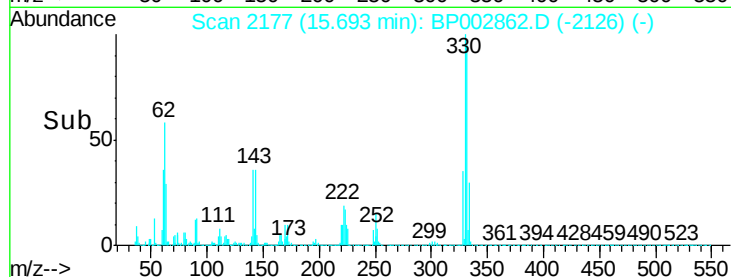
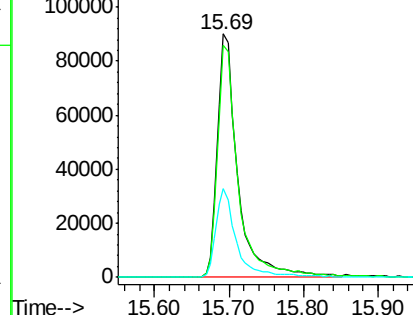


Abundance

Ion 329.80 (329.50 to 330.50): E

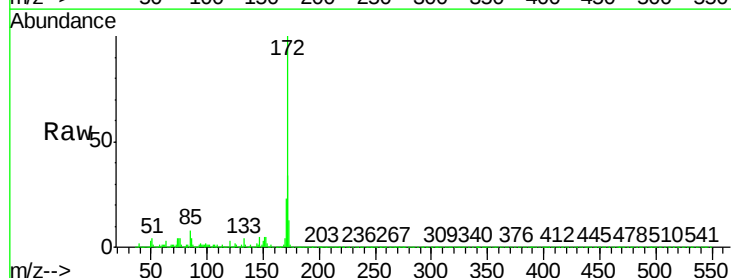
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 83.059 ng
 RT: 12.80 min Scan# 1685
 Delta R.T. 0.00 min
 Lab File: BP002862.D
 Acq: 24 Jul 2020 19:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.8	27.0	40.4
170	23.2	19.4	29.2

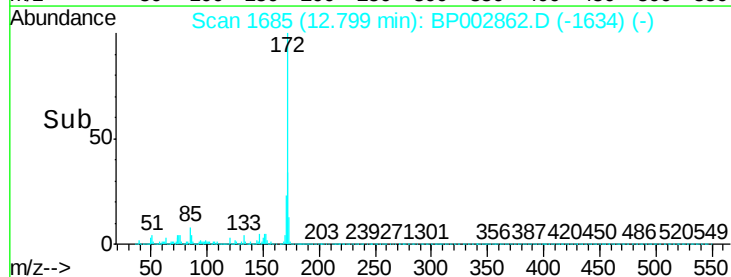
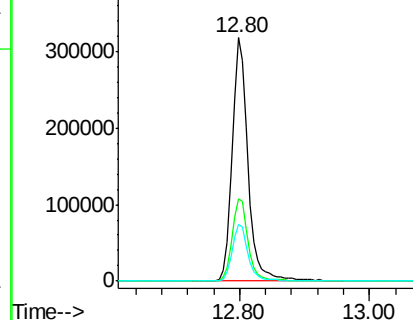


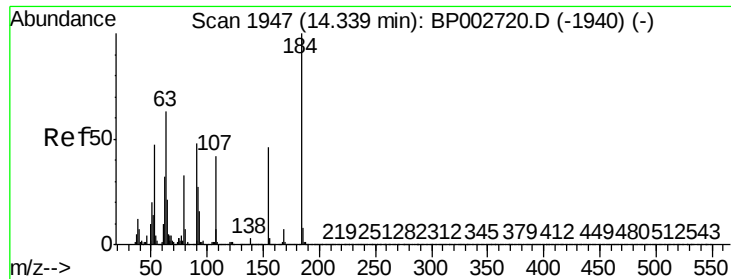
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

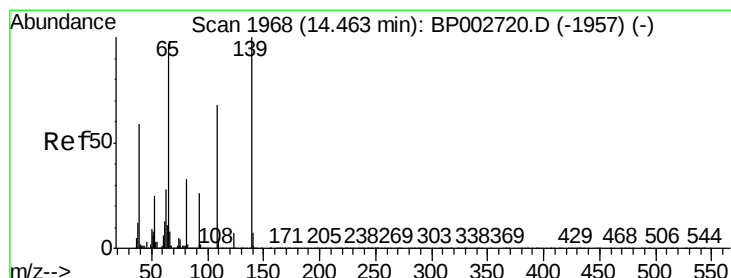
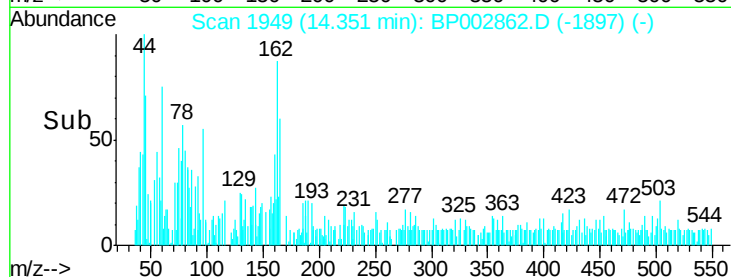
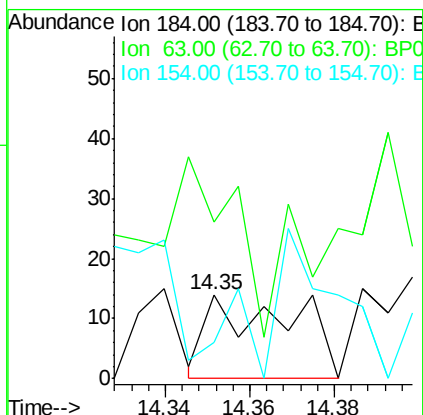
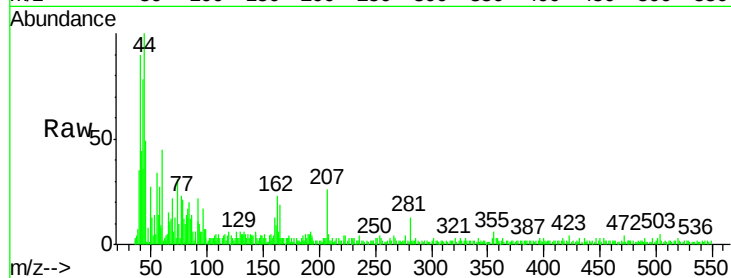




#54
2,4-Dinitrophenol
Concen: 11.392 ng
RT: 14.35 min Scan# 1949
Delta R.T. 0.01 min
Lab File: BP002862.D
Acq: 24 Jul 2020 19:57

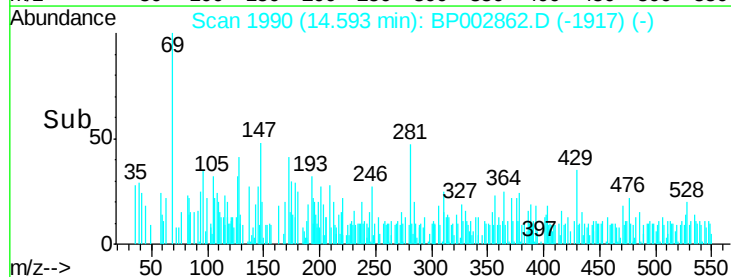
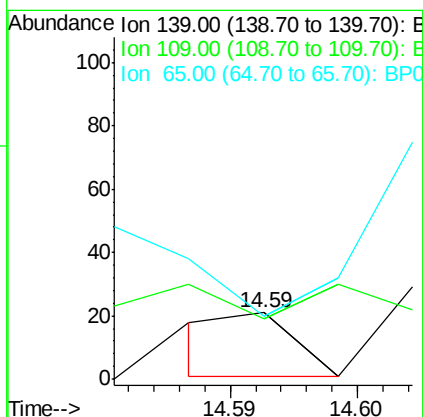
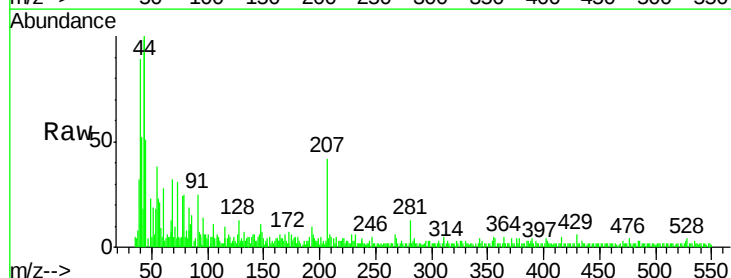
Instrument :
BNA_P
ClientSampled :
CTR-024

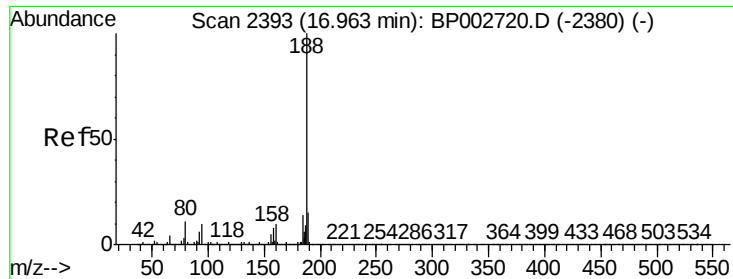
Tot Ion:184 Resp: 19
Ion Ratio Lower Upper
184 100
63 185.7 55.4 83.0#
154 42.9 47.5 71.3#



#56
4-Nitrophenol
Concen: 4.976 ng
RT: 14.59 min Scan# 1990
Delta R.T. 0.13 min
Lab File: BP002862.D
Acq: 24 Jul 2020 19:57

Tgt Ion:139 Resp: 7
Ion Ratio Lower Upper
139 100
109 90.5 55.2 95.2
65 95.2 84.7 124.7

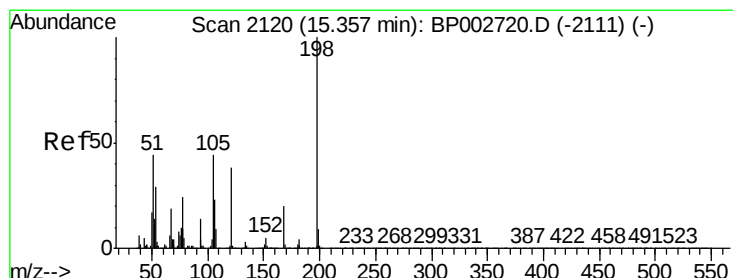
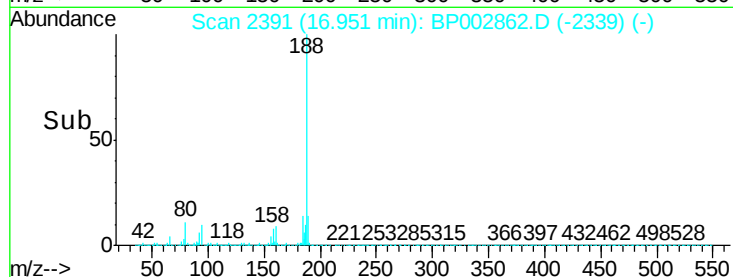
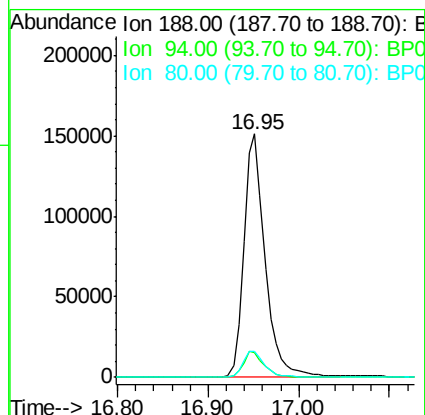
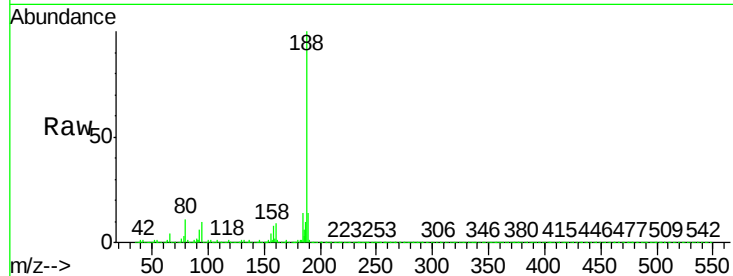




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2391
Delta R.T. 0.01 min
Lab File: BP002862.D
Acq: 24 Jul 2020 19:57

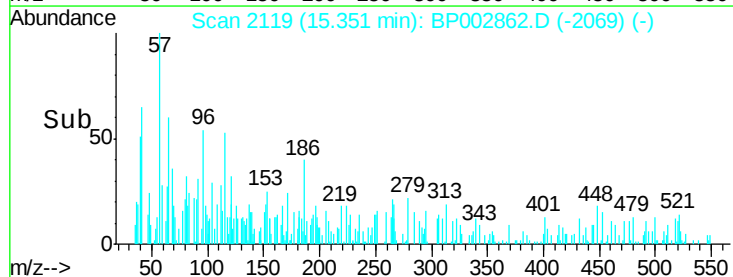
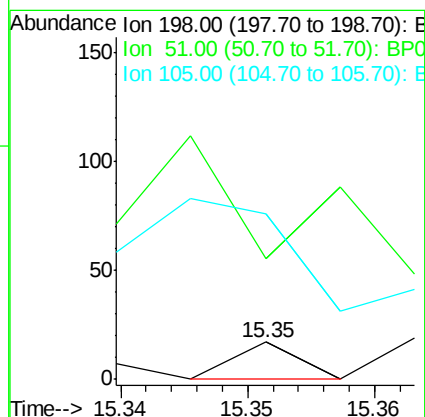
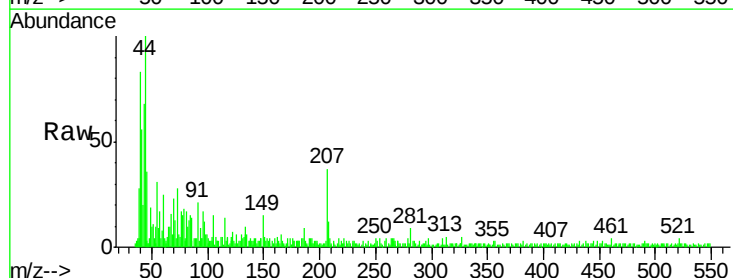
Instrument :
BNA_P
ClientSampleId :
CTR-024

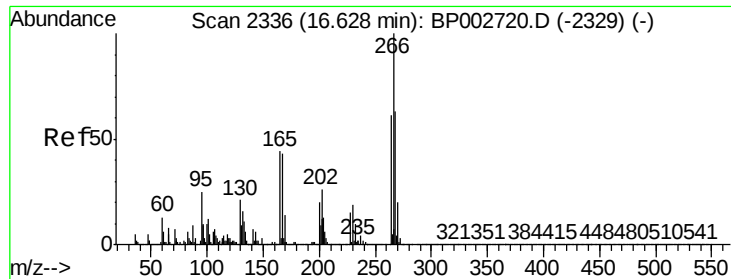
Tot Ion:188 Resp: 246347
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 10.8 9.0 13.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.270 ng
RT: 15.35 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BP002862.D
Acq: 24 Jul 2020 19:57

Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 229.2 25.1 65.1#
105 316.7 24.6 64.6#

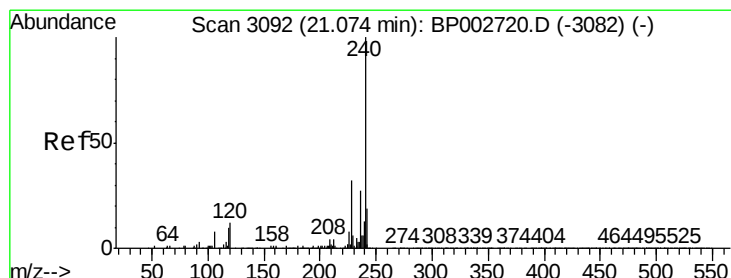
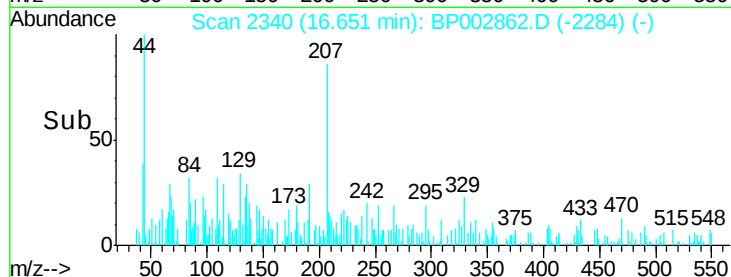
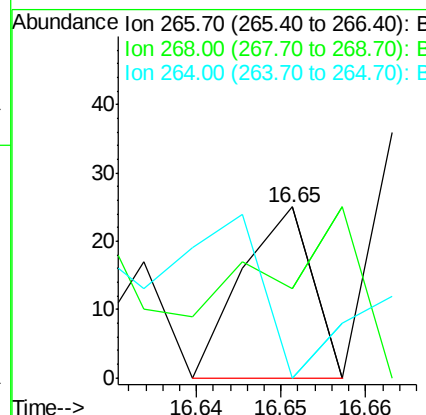
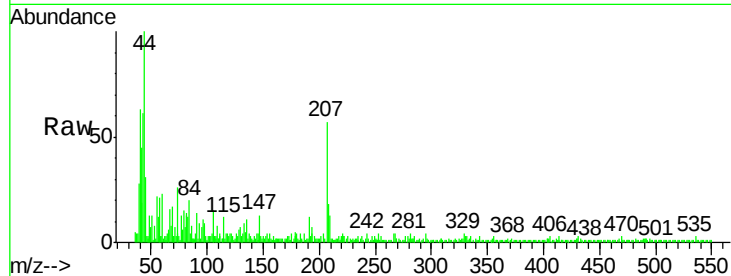




#70
 Pentachlorophenol
 Concen: 7.451 ng
 RT: 16.65 min Scan# 2340
 Delta R.T. 0.03 min
 Lab File: BP002862.D
 Acq: 24 Jul 2020 19:57

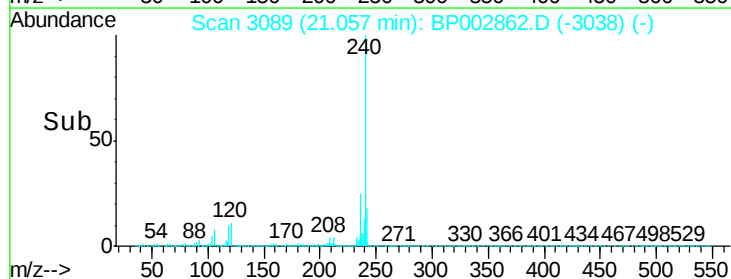
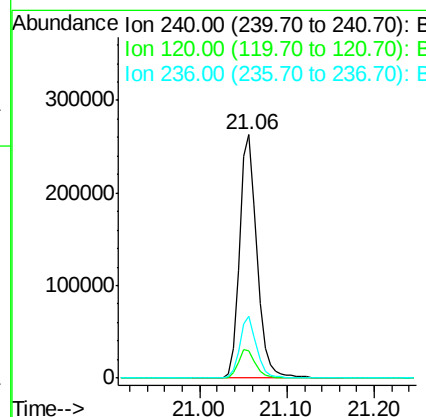
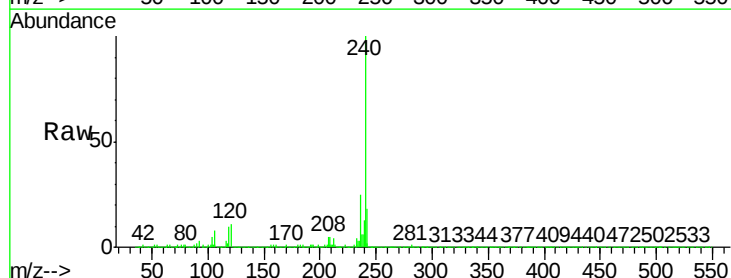
Instrument :
 BNA_P
 ClientSampleId :
 CTR-024

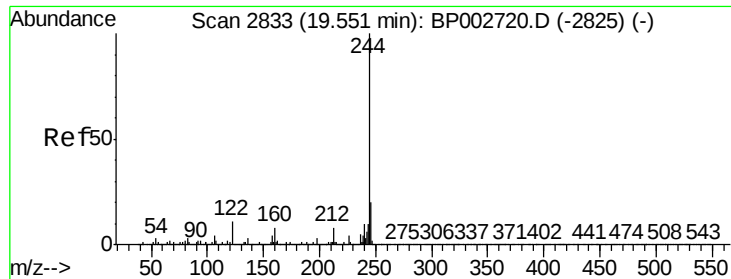
Tot Ion:266 Resp: 14
 Ion Ratio Lower Upper
 266 100
 268 52.0 51.2 76.8
 264 36.0 50.2 75.4#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.06 min Scan# 3089
 Delta R.T. 0.00 min
 Lab File: BP002862.D
 Acq: 24 Jul 2020 19:57

Tgt Ion:240 Resp: 352239
 Ion Ratio Lower Upper
 240 100
 120 11.4 9.2 13.8
 236 25.3 20.3 30.5





#79

Terphenyl-d14

Concen: 80.818 ng

RT: 19.53 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BP002862.D

Acq: 24 Jul 2020 19:57

Instrument :

BNA_P

ClientSampleId :

CTR-024

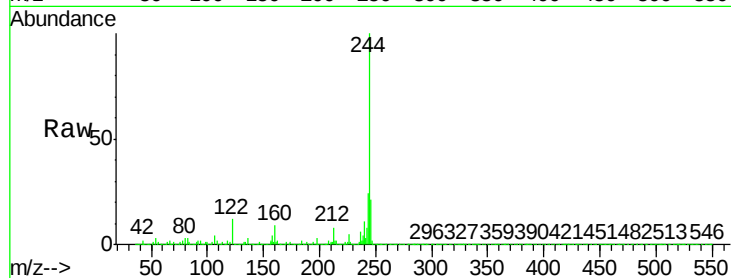
Tot Ion:244 Resp: 1241643

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

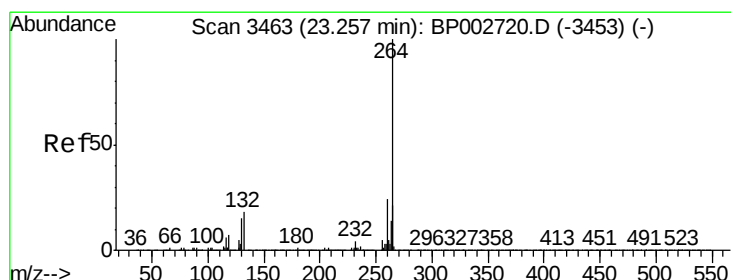
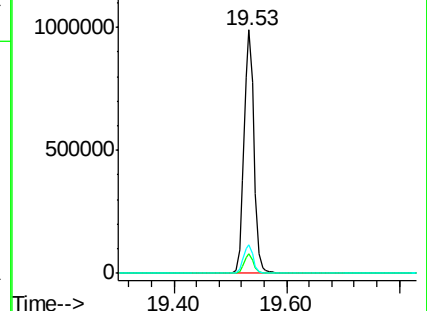
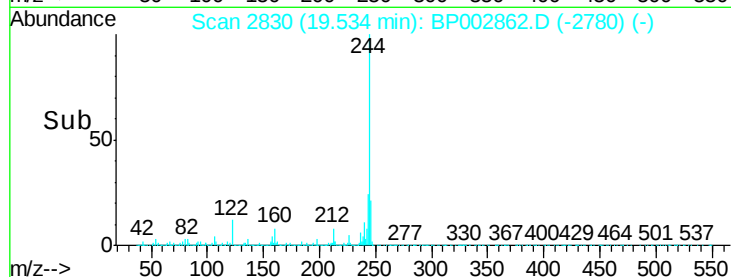
122 11.9 7.9 11.9#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.23 min Scan# 3459

Delta R.T. 0.00 min

Lab File: BP002862.D

Acq: 24 Jul 2020 19:57

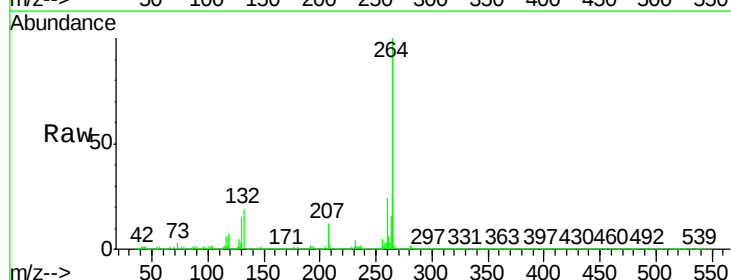
Tgt Ion:264 Resp: 397754

Ion Ratio Lower Upper

264 100

260 24.4 19.6 29.4

265 21.8 16.7 25.1



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

