

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
 Data File : BP002863.D
 Acq On : 24 Jul 2020 20:31
 Operator : CG/JU
 Sample : L3383-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CRT-018

Quant Time: Jul 24 23:58:04 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

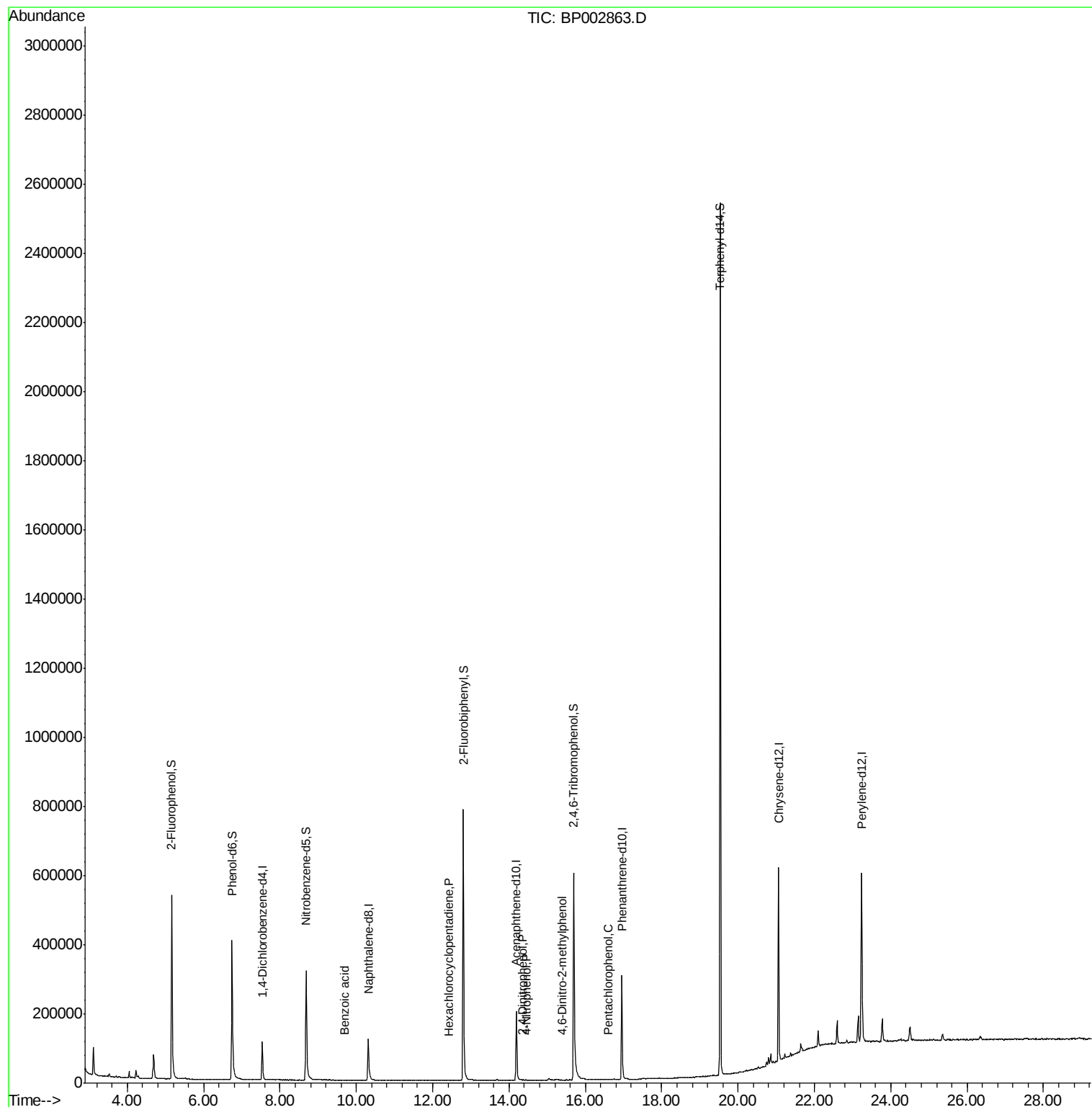
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	32702	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	127037	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	80973	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	201609	20.00	ng	0.00
76) Chrysene-d12	21.06	240	289971	20.00	ng	0.00
86) Perylene-d12	23.23	264	354716	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	279347	144.12	ng	0.00
7) Phenol-d6	6.74	99	315789	114.16	ng	0.00
23) Nitrobenzene-d5	8.68	82	243052	102.33	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	142655	168.78	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	464501	88.74	ng	0.00
79) Terphenyl-d14	19.53	244	1099962	86.97	ng	0.00
Target Compounds						
32) Benzoic acid	9.70	122	12	7.069	ng	# 1
41) Hexachlorocyclopentadiene	12.42	237	15	7.446	ng	# 73
54) 2,4-Dinitrophenol	14.35	184	15	11.391	ng	# 1
56) 4-Nitrophenol	14.45	139	23	4.990	ng	# 51
65) 4,6-Dinitro-2-methylphenol	15.39	198	20	5.281	ng	# 1
70) Pentachlorophenol	16.62	266	38	7.472	ng	# 86

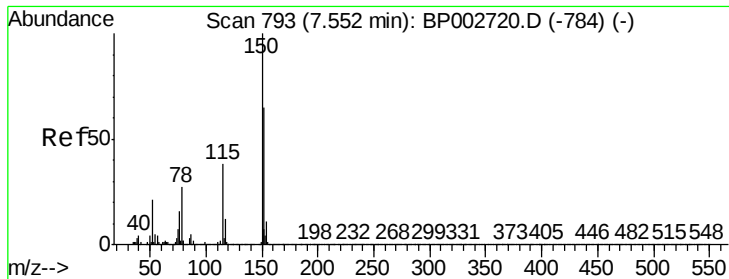
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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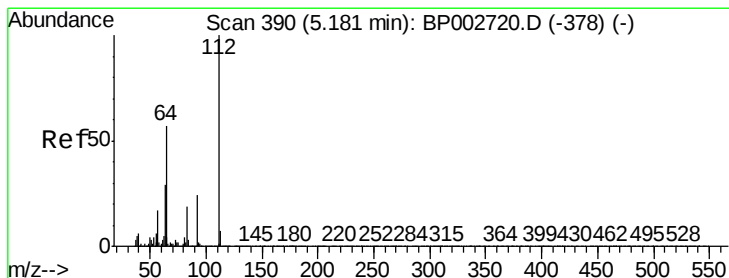
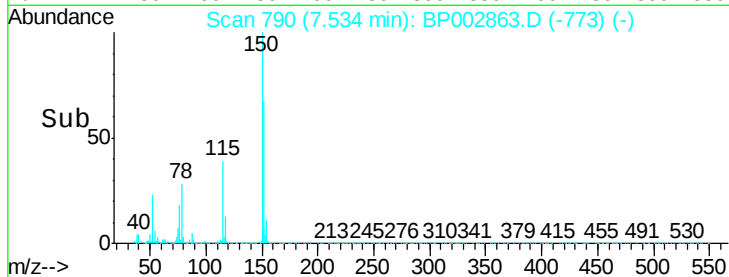
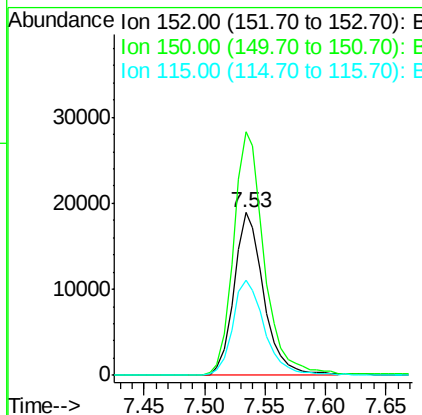
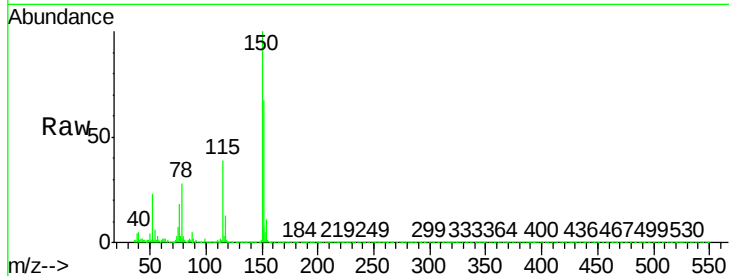


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.53 min Scan# 790
Delta R.T. -0.00 min
Lab File: BP002863.D
Acq: 24 Jul 2020 20:31

Instrument :
BNA_P
ClientSampleId :
CRT-018

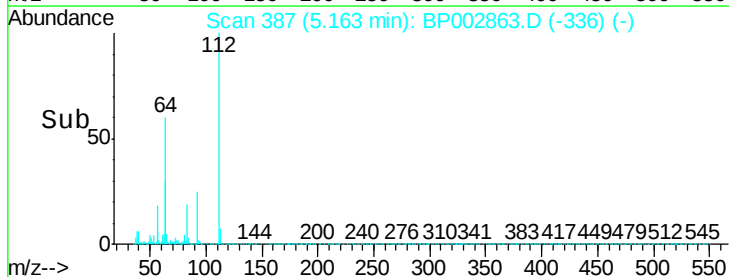
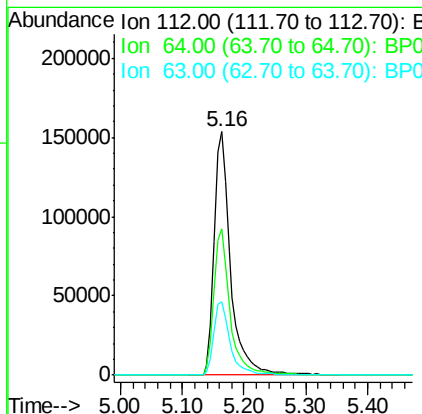
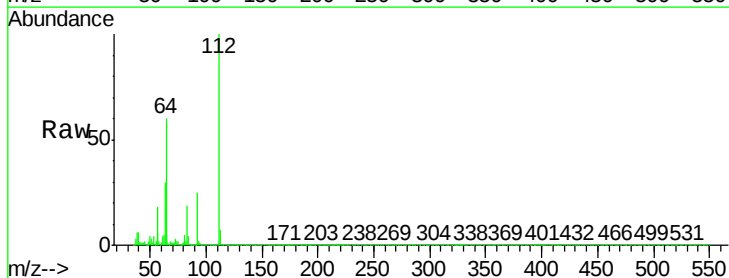
Tot Ion	Ratio	Lower	Upper
152	100		
150	149.5	122.5	183.7
115	58.5	48.5	72.7

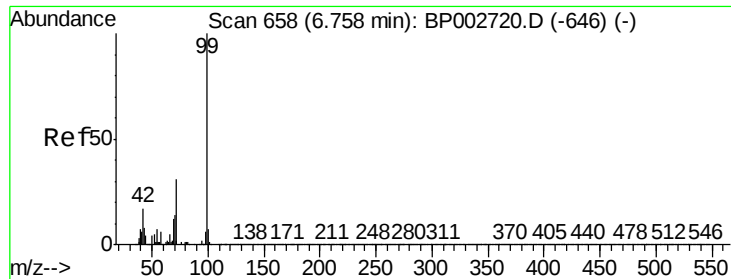


#5

2-Fluorophenol
Concen: 144.123 ng
RT: 5.16 min Scan# 387
Delta R.T. -0.00 min
Lab File: BP002863.D
Acq: 24 Jul 2020 20:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	48.1	72.1
63	30.4	24.9	37.3





#7

Phenol-d6

Concen: 114.159 ng

RT: 6.74 min Scan# 655

Delta R.T. -0.00 min

Lab File: BP002863.D

Acq: 24 Jul 2020 20:31

Instrument :

BNA_P

ClientSampleId :

CRT-018

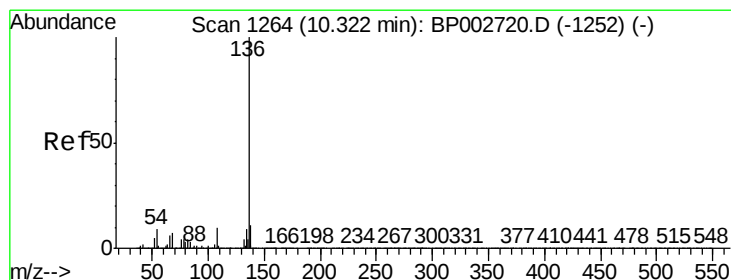
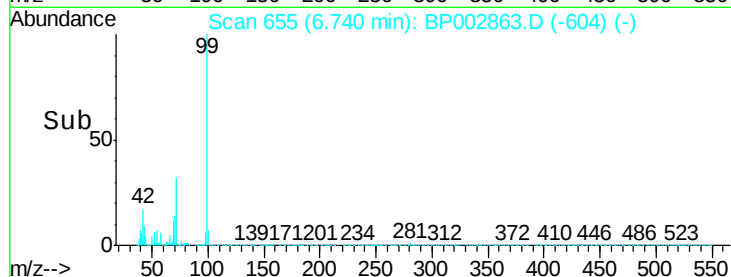
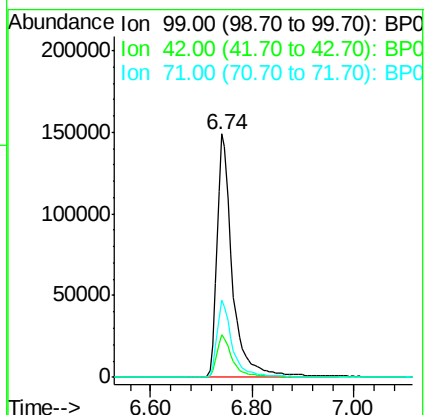
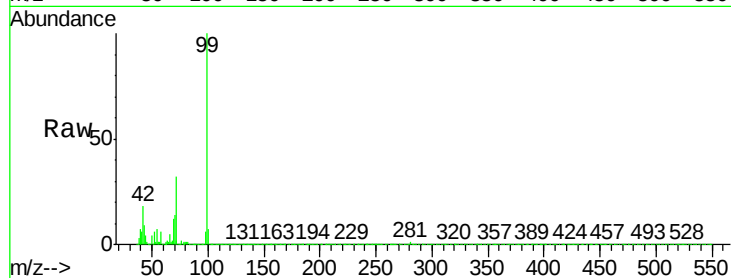
Tot Ion: 99 Resp: 315789

Ion Ratio Lower Upper

99 100

42 17.6 14.2 21.4

71 31.7 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.31 min Scan# 1262

Delta R.T. 0.01 min

Lab File: BP002863.D

Acq: 24 Jul 2020 20:31

Tgt Ion: 136 Resp: 127037

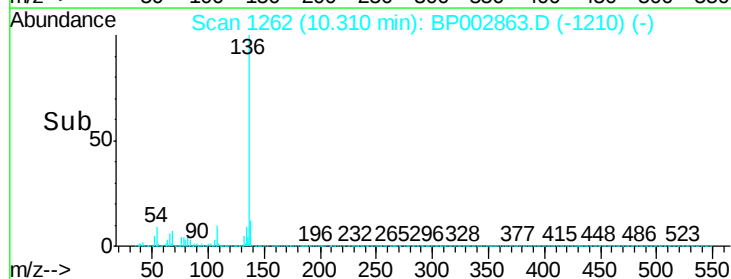
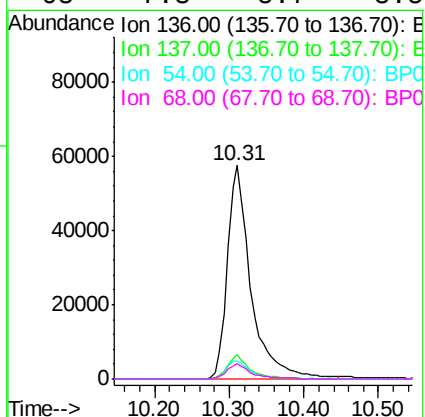
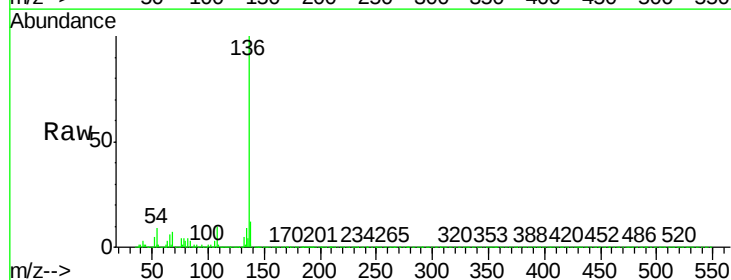
Ion Ratio Lower Upper

136 100

137 11.5 8.8 13.2

54 8.6 7.3 10.9

68 7.3 5.7 8.5

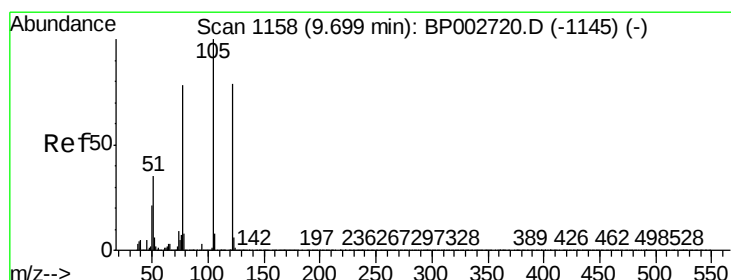
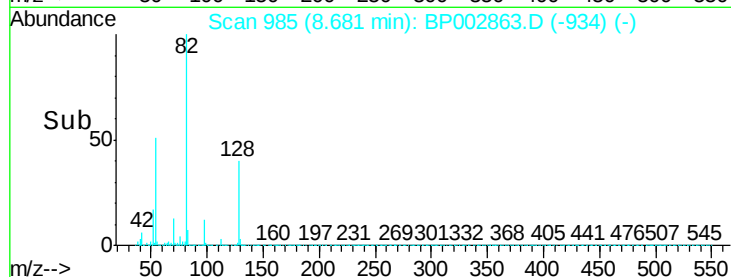
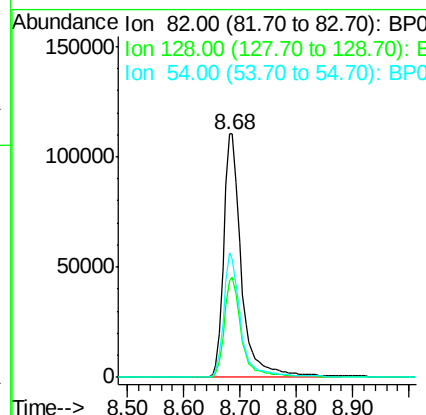
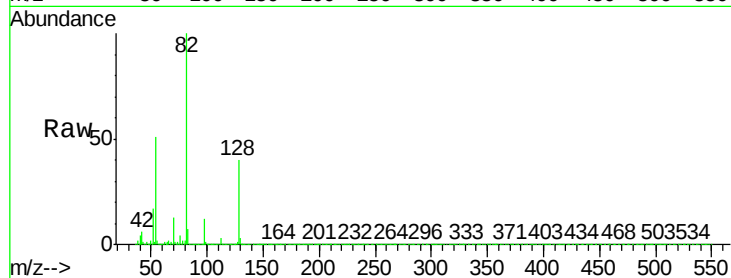




#23
 Nitrobenzene-d5
 Concen: 102.327 ng
 RT: 8.68 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: BP002863.D
 Acq: 24 Jul 2020 20:31

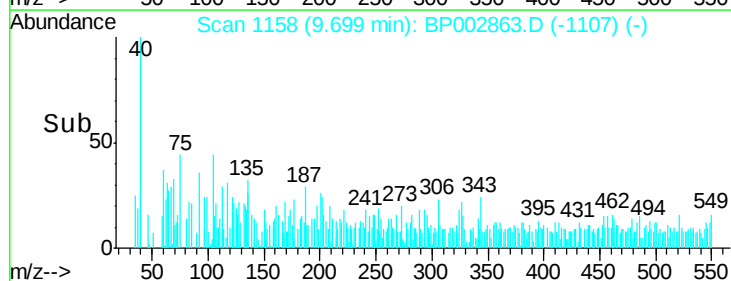
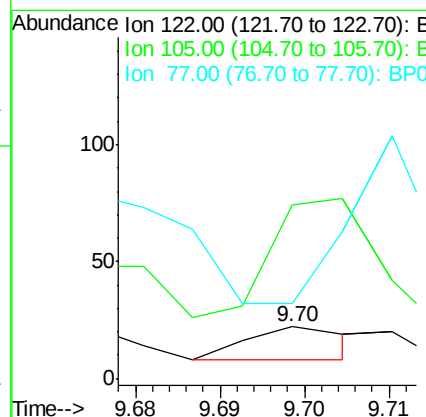
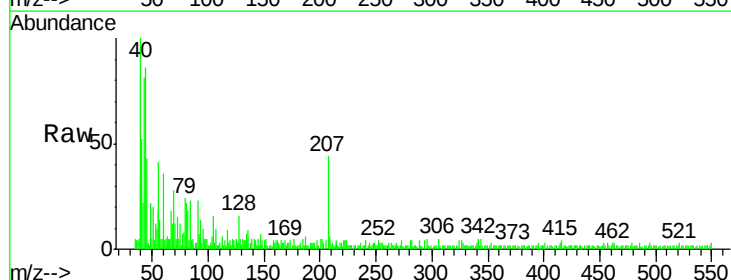
Instrument :
 BNA_P
 ClientSampled :
 CRT-018

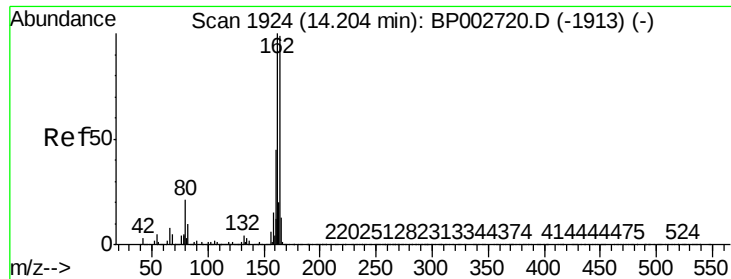
Tot Ion:	82	Resp:	243052
Ion	Ratio	Lower	Upper
82	100		
128	39.8	32.6	49.0
54	51.1	38.9	58.3



#32
 Benzoic acid
 Concen: 7.069 ng
 RT: 9.70 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BP002863.D
 Acq: 24 Jul 2020 20:31

Tgt Ion:	122	Resp:	12
Ion	Ratio	Lower	Upper
122	100		
105	336.4	101.9	141.9#
77	145.5	78.0	118.0#

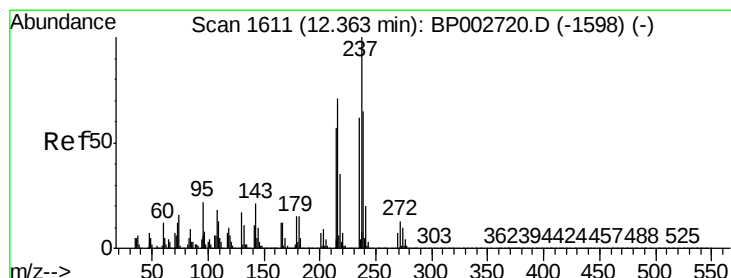
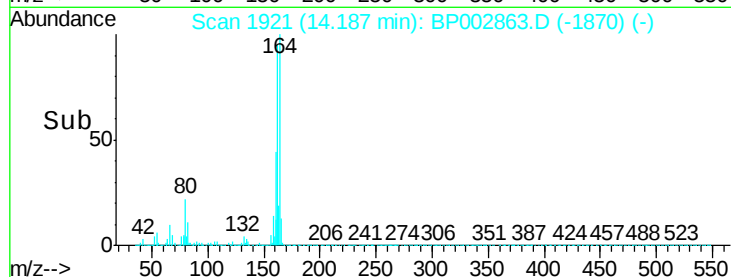
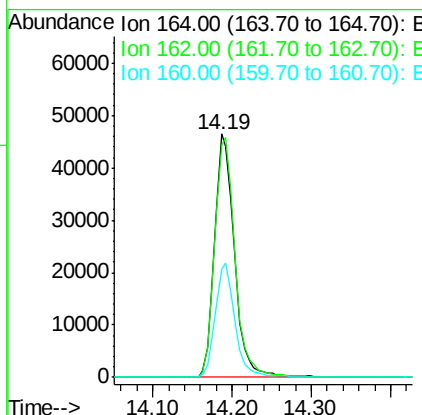
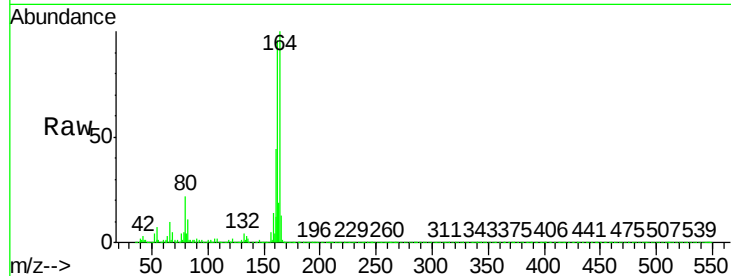




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.19 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BP002863.D
Acq: 24 Jul 2020 20:31

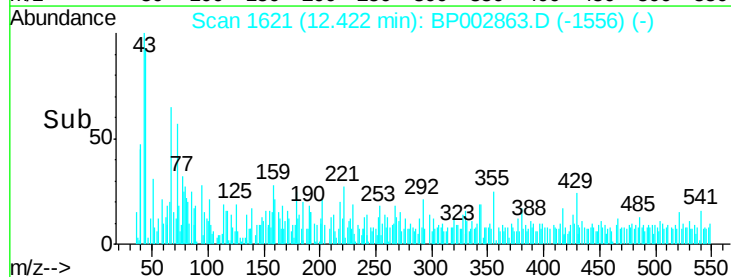
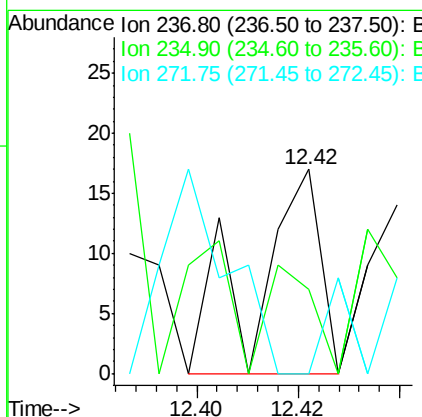
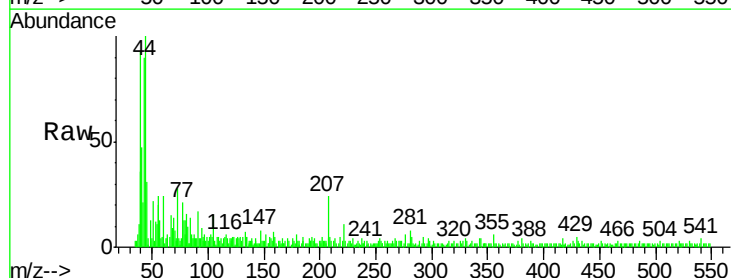
Instrument :
BNA_P
ClientSampleId :
CRT-018

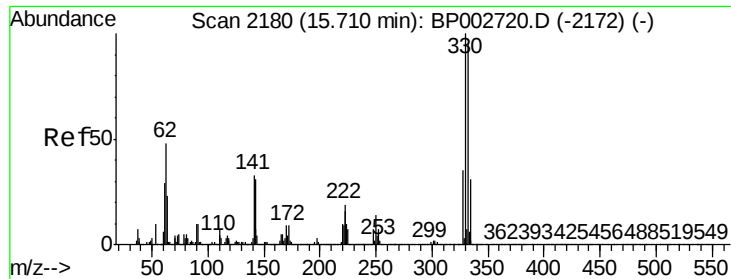
Tot Ion:164 Resp: 80973
Ion Ratio Lower Upper
164 100
162 95.5 78.4 117.6
160 44.1 36.1 54.1



#41
Hexachlorocyclopentadiene
Concen: 7.446 ng
RT: 12.42 min Scan# 1621
Delta R.T. 0.08 min
Lab File: BP002863.D
Acq: 24 Jul 2020 20:31

Tgt Ion:237 Resp: 15
Ion Ratio Lower Upper
237 100
235 41.2 40.9 80.9
272 0.0 0.0 32.1

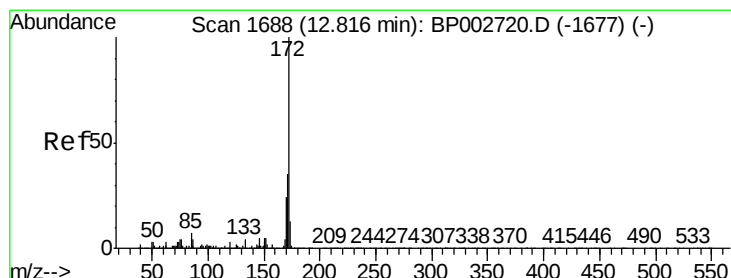
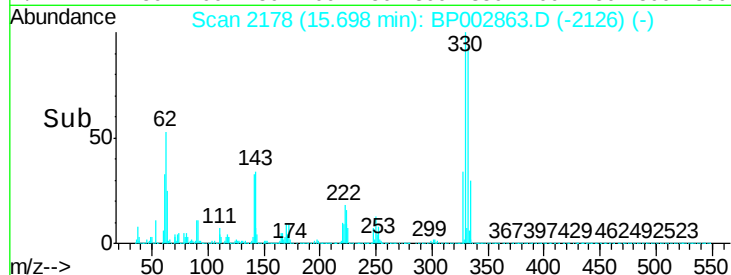
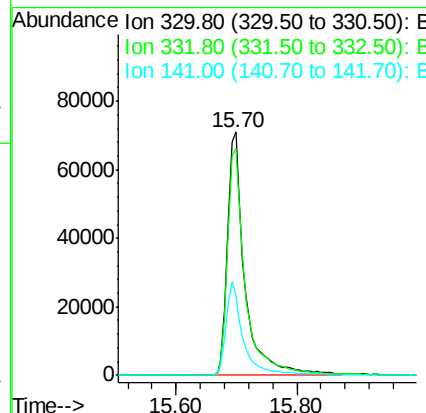
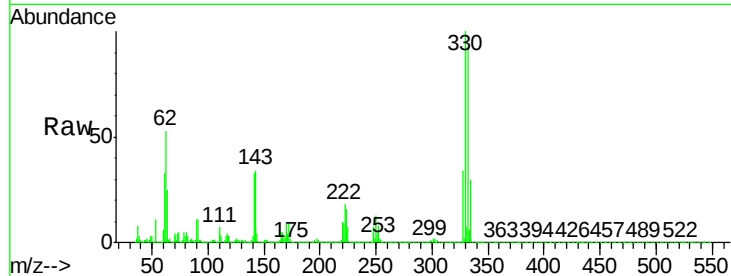




#42
 2,4,6-Tribromophenol
 Concen: 168.777 ng
 RT: 15.70 min Scan# 2178
 Delta R.T. 0.01 min
 Lab File: BP002863.D
 Acq: 24 Jul 2020 20:31

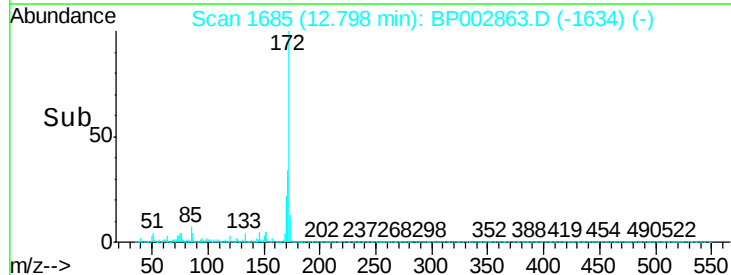
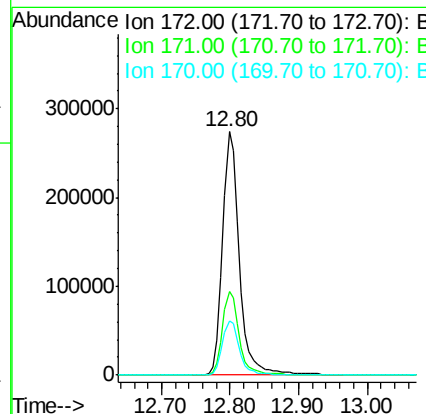
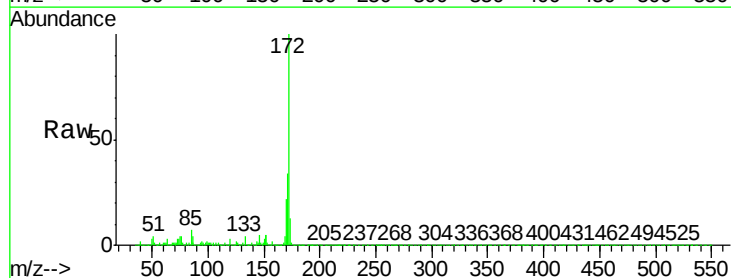
Instrument :
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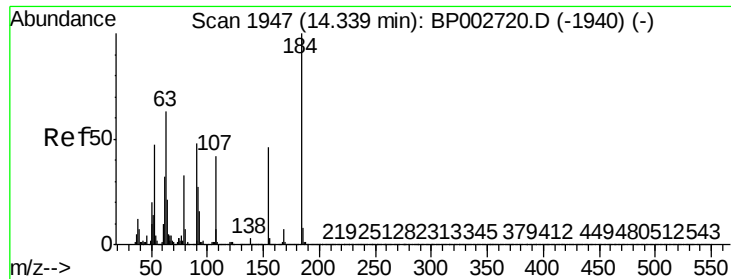
Tot Ion:330 Resp: 142655
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.6 116.4
 141 37.4 29.0 43.6



#45
 2-Fluorobiphenyl
 Concen: 88.742 ng
 RT: 12.80 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: BP002863.D
 Acq: 24 Jul 2020 20:31

Tgt Ion:172 Resp: 464501
 Ion Ratio Lower Upper
 172 100
 171 34.3 27.0 40.4
 170 22.4 19.4 29.2

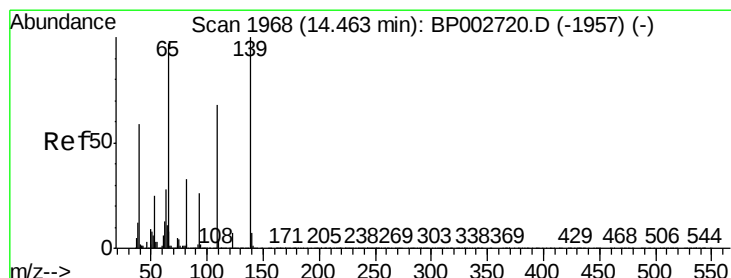
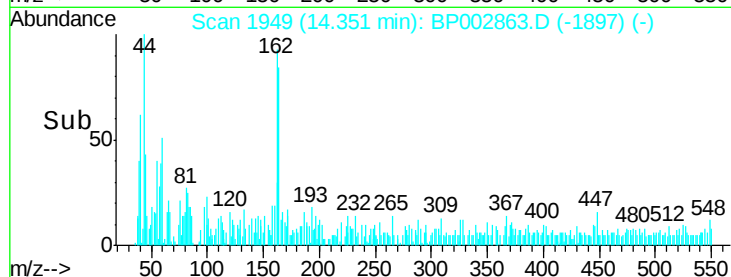
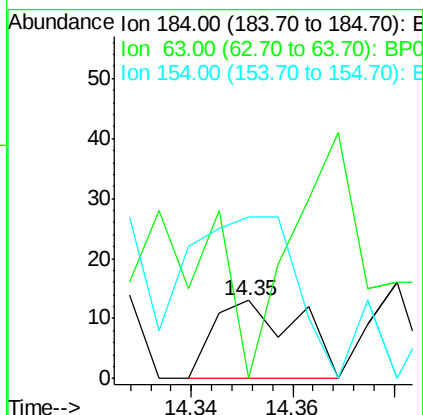
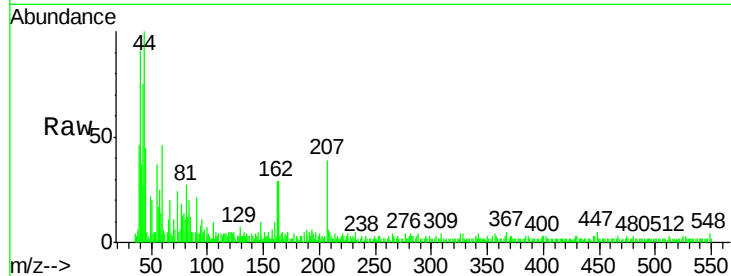




#54
2,4-Dinitrophenol
Concen: 11.391 ng
RT: 14.35 min Scan# 1949
Delta R.T. 0.01 min
Lab File: BP002863.D
Acq: 24 Jul 2020 20:31

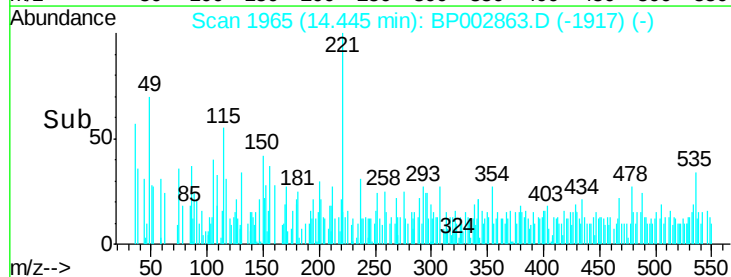
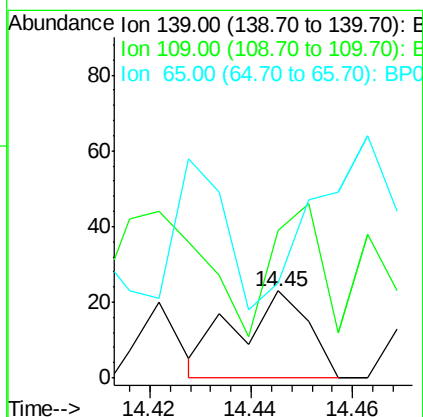
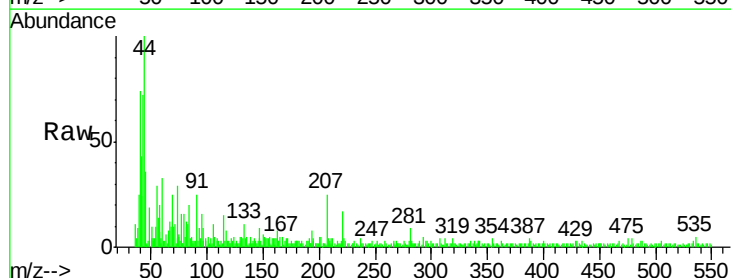
Instrument :
BNA_P
ClientSampled :
CRT-018

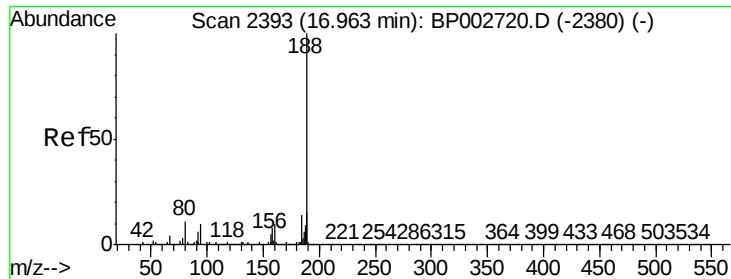
Tot Ion:184 Resp: 15
Ion Ratio Lower Upper
184 100
63 176.9 55.4 83.0#
154 207.7 47.5 71.3#



#56
4-Nitrophenol
Concen: 4.990 ng
RT: 14.45 min Scan# 1965
Delta R.T. -0.02 min
Lab File: BP002863.D
Acq: 24 Jul 2020 20:31

Tgt Ion:139 Resp: 23
Ion Ratio Lower Upper
139 100
109 169.6 55.2 95.2#
65 108.7 84.7 124.7

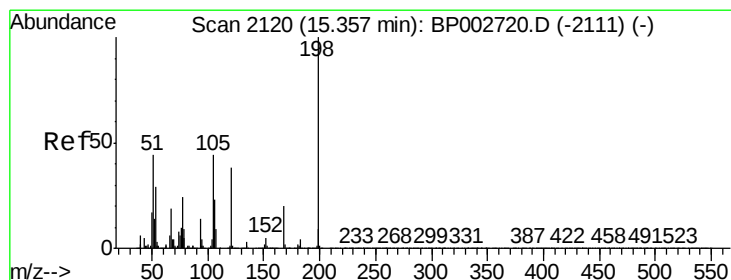
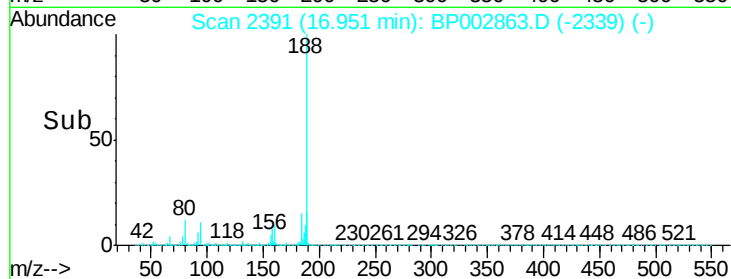
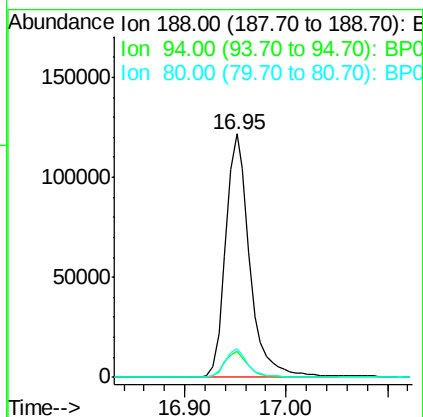
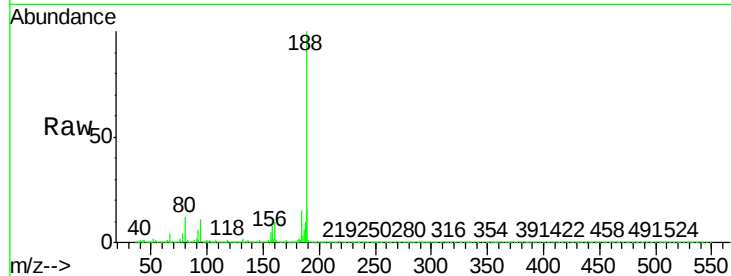




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2391
Delta R.T. 0.01 min
Lab File: BP002863.D
Acq: 24 Jul 2020 20:31

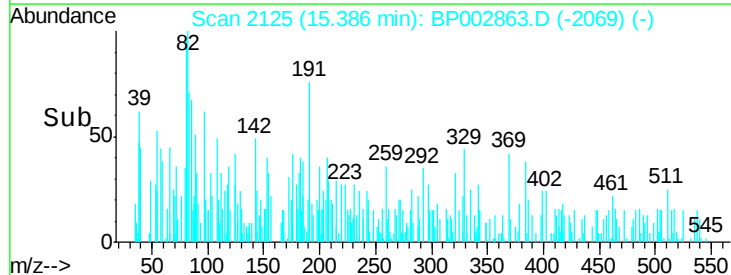
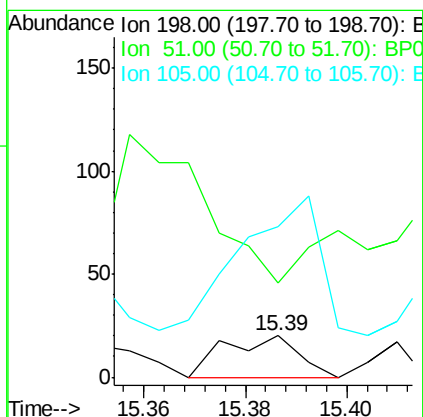
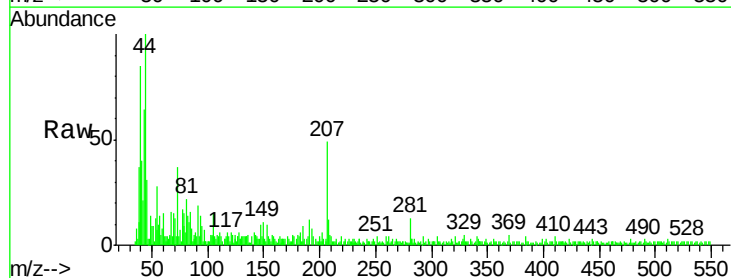
Instrument :
BNA_P
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CRT-018

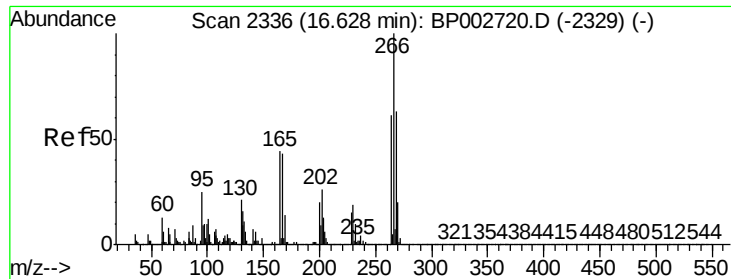
Tot Ion:188 Resp: 201609
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.6 9.0 13.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.281 ng
RT: 15.39 min Scan# 2125
Delta R.T. 0.03 min
Lab File: BP002863.D
Acq: 24 Jul 2020 20:31

Tgt Ion:198 Resp: 20
Ion Ratio Lower Upper
198 100
51 230.0 25.1 65.1#
105 365.0 24.6 64.6#

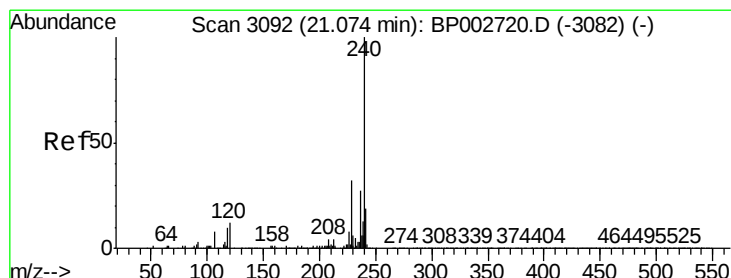
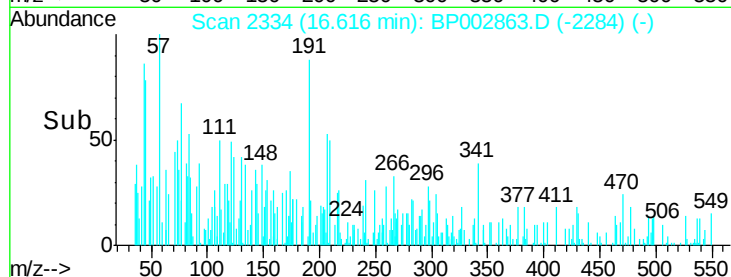
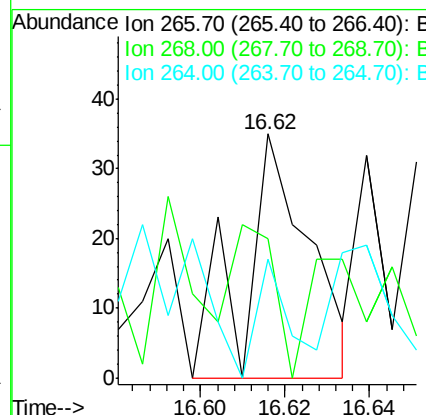
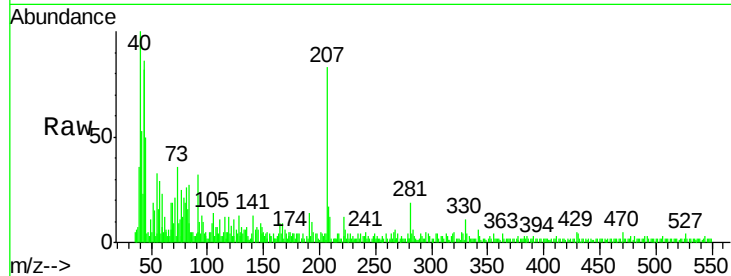




#70
 Pentachlorophenol
 Concen: 7.472 ng
 RT: 16.62 min Scan# 2334
 Delta R.T. -0.01 min
 Lab File: BP002863.D
 Acq: 24 Jul 2020 20:31

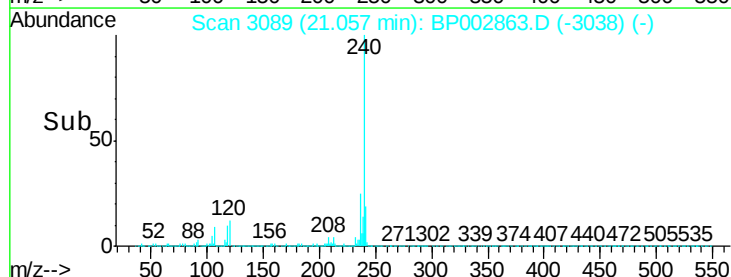
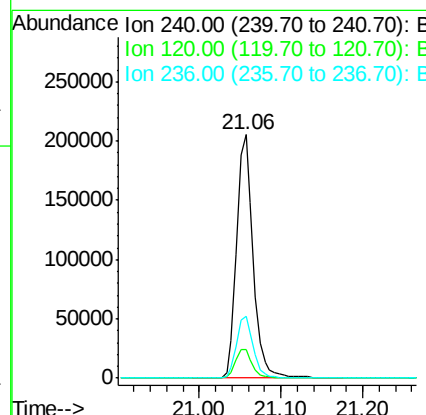
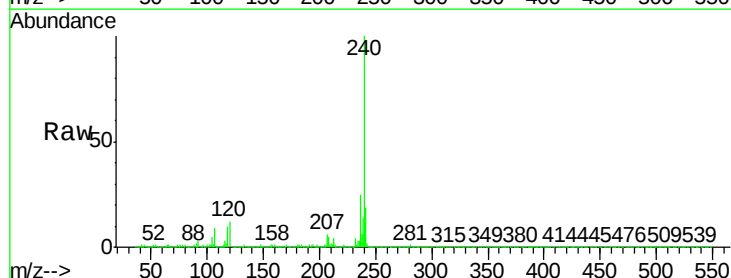
Instrument :
 BNA_P
 ClientSampled :
 CRT-018

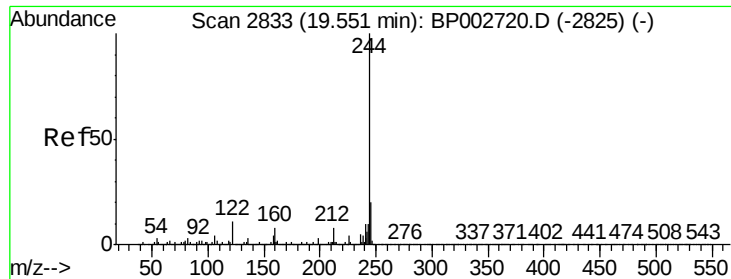
Tot Ion:266 Resp: 38
 Ion Ratio Lower Upper
 266 100
 268 57.1 51.2 76.8
 264 48.6 50.2 75.4#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.06 min Scan# 3089
 Delta R.T. -0.00 min
 Lab File: BP002863.D
 Acq: 24 Jul 2020 20:31

Tgt Ion:240 Resp: 289971
 Ion Ratio Lower Upper
 240 100
 120 11.9 9.2 13.8
 236 25.2 20.3 30.5





#79

Terphenyl-d14

Concen: 86.971 ng

RT: 19.53 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BP002863.D

Acq: 24 Jul 2020 20:31

Instrument :

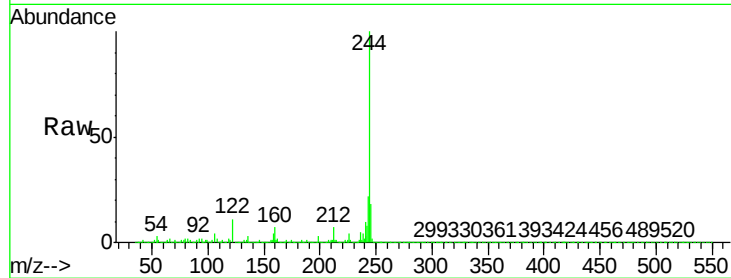
BNA_P

ClientSampleId :

CRT-018

Tot Ion:244 Resp: 1099962

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	11.0	7.9	11.9

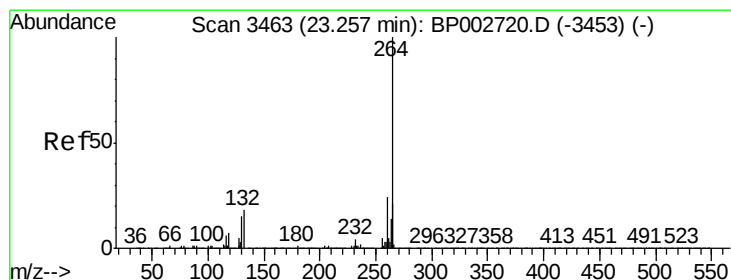
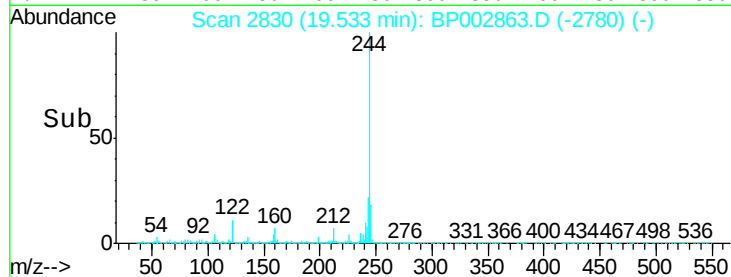
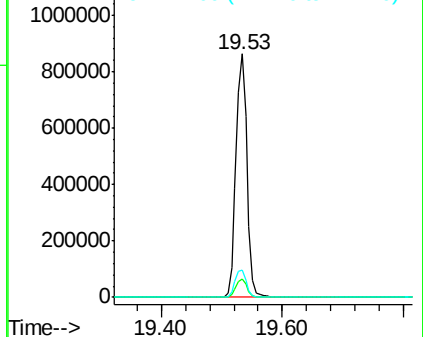


Abundance

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

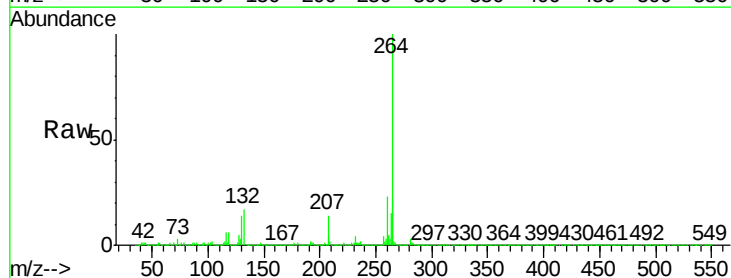
Delta R.T. -0.00 min

Lab File: BP002863.D

Acq: 24 Jul 2020 20:31

Tgt Ion:264 Resp: 354716

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.6	29.4
265	20.8	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

