

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072320\
 Data File : BP002849.D
 Acq On : 23 Jul 2020 20:10
 Operator : CG/JU
 Sample : L3402-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 24 01:00:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:54:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	48151	20.00	ng	-0.01
21) Naphthalene-d8	10.31	136	203440	20.00	ng	-0.02
39) Acenaphthene-d10	14.19	164	132916	20.00	ng	-0.02
64) Phenanthrene-d10	16.96	188	313525	20.00	ng	-0.01
76) Chrysene-d12	21.07	240	421514	20.00	ng	0.00
86) Perylene-d12	23.25	264	521011	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.17	112	365582	128.10	ng	-0.01
7) Phenol-d6	6.75	99	444673	109.18	ng	-0.01
23) Nitrobenzene-d5	8.69	82	352225	92.60	ng	-0.02
42) 2,4,6-Tribromophenol	15.70	330	210613	151.80	ng	-0.01
45) 2-Fluorobiphenyl	12.80	172	754427	87.81	ng	-0.02
79) Terphenyl-d14	19.55	244	1324466	72.04	ng	-0.01

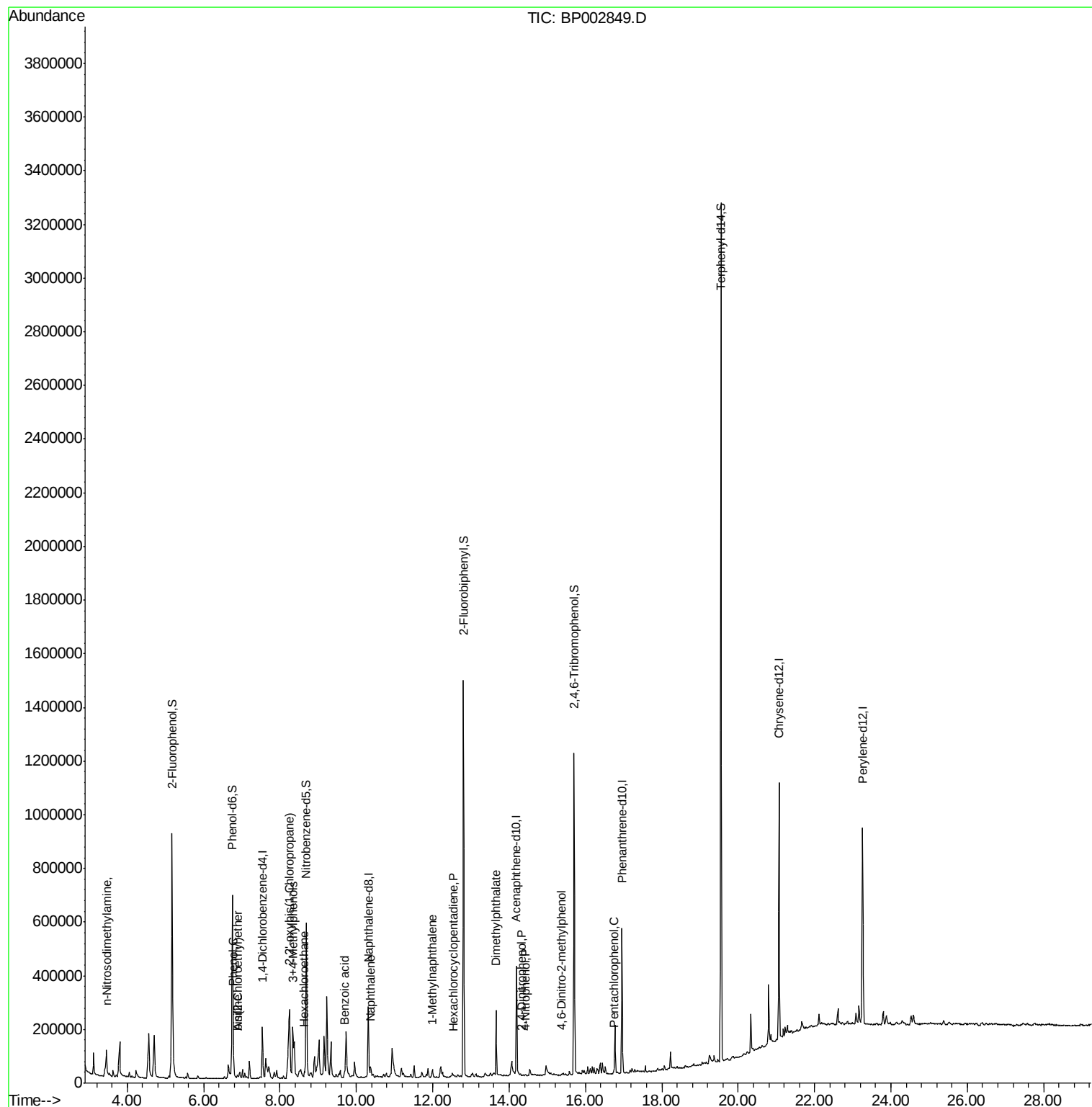
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) n-Nitrosodimethylamine	3.46	42	9211	6.594	ng	# 1
6) Aniline	6.89	93	13049	2.531	ng	99
10) Phenol	6.78	94	13254	3.177	ng	# 62
11) bis(2-Chloroethyl)ether	6.89	93	13049	3.760	ng	# 28
16) 2,2'-oxybis(1-Chloropropan	8.25	45	31550	6.321	ng	75
18) Hexachloroethane	8.64	117	3493	2.699	ng	# 1
20) 3+4-Methylphenols	8.33	107	92816	23.615	ng	94
31) Naphthalene	10.36	128	23361	2.175	ng	98
32) Benzoic acid	9.69	122	13399	12.176	ng	85
38) 1-Methylnaphthalene	11.99	142	15090	2.105	ng	91
41) Hexachlorocyclopentadiene	12.55	237	31	7.450	ng	92
50) Dimethylphthalate	13.66	163	159020	15.688	ng	100
54) 2,4-Dinitrophenol	14.32	184	11	11.382	ng	# 1
56) 4-Nitrophenol	14.43	139	133	5.036	ng	# 39
65) 4,6-Dinitro-2-methylphenol	15.36	198	49	5.290	ng	# 1
70) Pentachlorophenol	16.73	266	53	7.469	ng	91

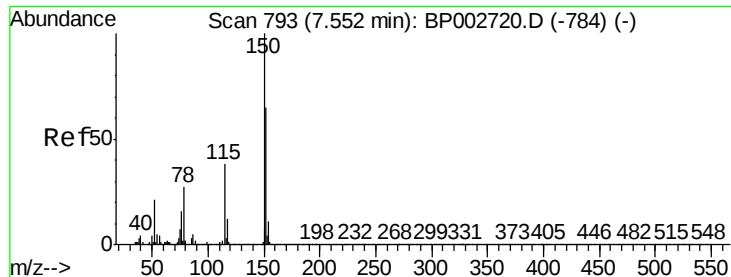
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072320\
Data File : BP002849.D
Acq On : 23 Jul 2020 20:10
Operator : CG/JU
Sample : L3402-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Jul 24 01:00:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:54:03 2020
Response via : Initial Calibration



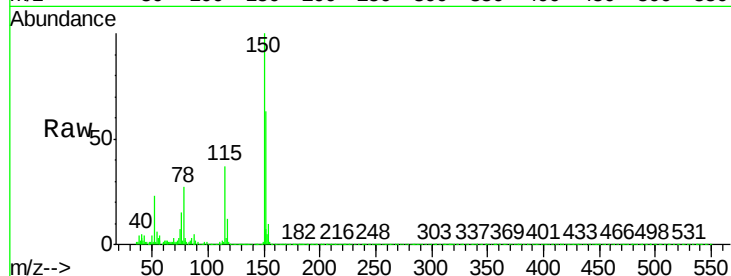


#1

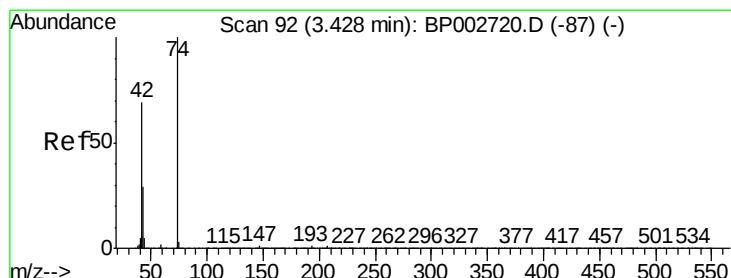
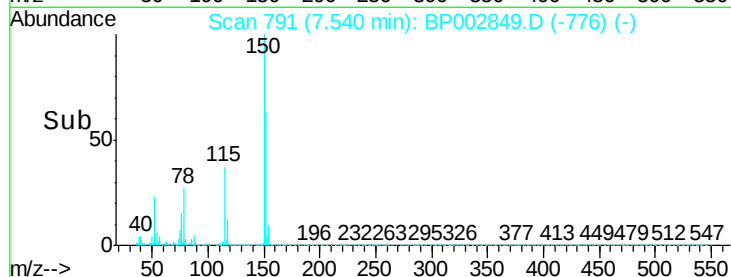
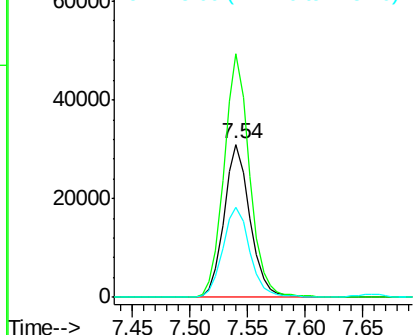
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.54 min Scan# 791
Delta R.T. -0.01 min
Lab File: BP002849.D
Acq: 23 Jul 2020 20:10

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	123.7	185.5
115	58.6	47.2	70.8



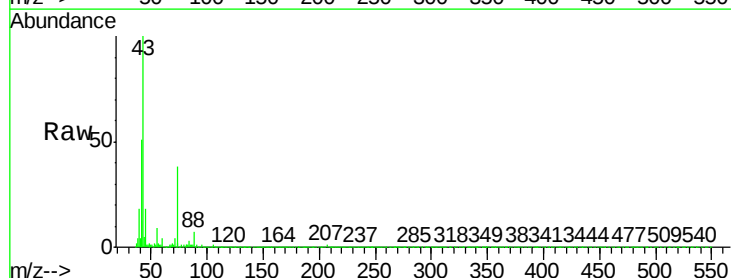
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



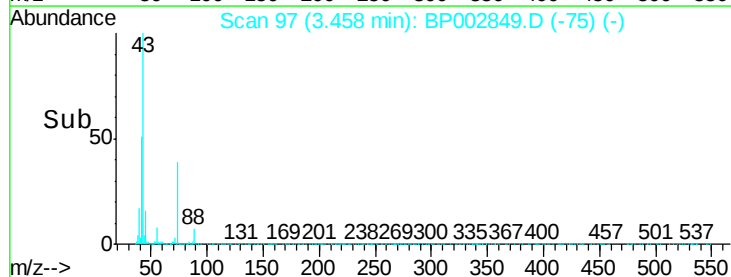
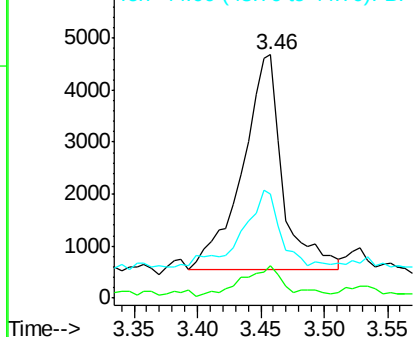
#4

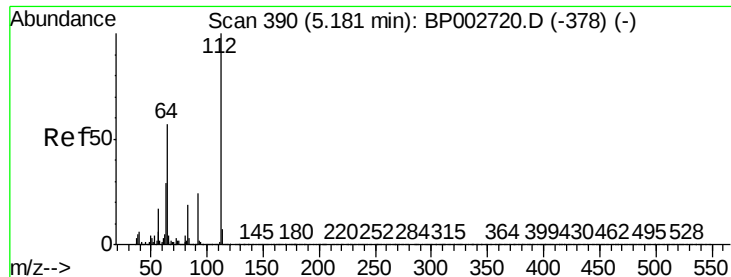
n-Nitrosodimethylamine
Concen: 6.594 ng
RT: 3.46 min Scan# 97
Delta R.T. 0.03 min
Lab File: BP002849.D
Acq: 23 Jul 2020 20:10

Tgt Ion	Ratio	Lower	Upper
42	100		
74	13.5	116.3	174.5#
44	42.7	5.9	8.9#



Abundance Ion 42.00 (41.70 to 42.70): BP0
Ion 74.00 (73.70 to 74.70): BP0
Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 128.098 ng

RT: 5.17 min Scan# 388

Delta R.T. -0.01 min

Lab File: BP002849.D

Acq: 23 Jul 2020 20:10

Instrument :

BNA_P

ClientSampleId :

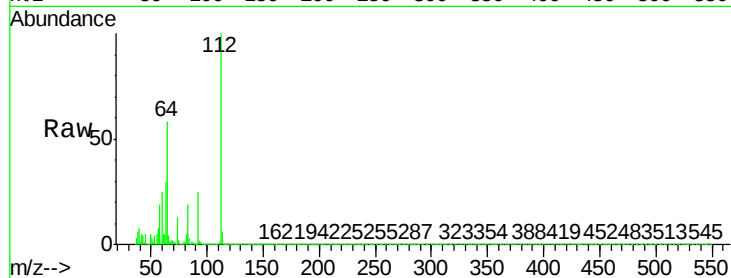
Tot Ion: 112 Resp: 365582

Ion Ratio Lower Upper

112 100

64 58.4 45.6 68.4

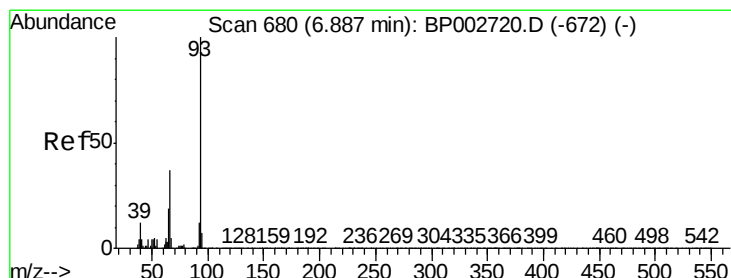
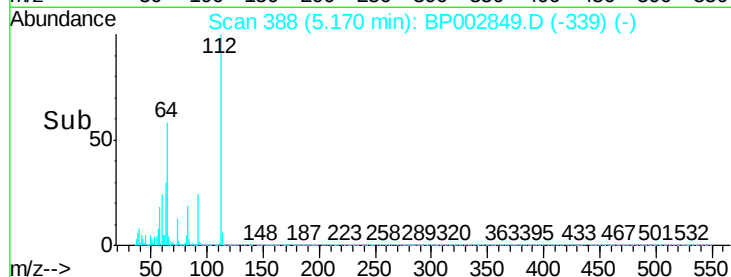
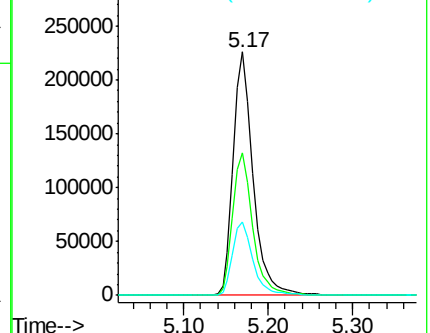
63 30.3 23.5 35.3



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



#6

Aniline

Concen: 2.531 ng

RT: 6.89 min Scan# 680

Delta R.T. 0.00 min

Lab File: BP002849.D

Acq: 23 Jul 2020 20:10

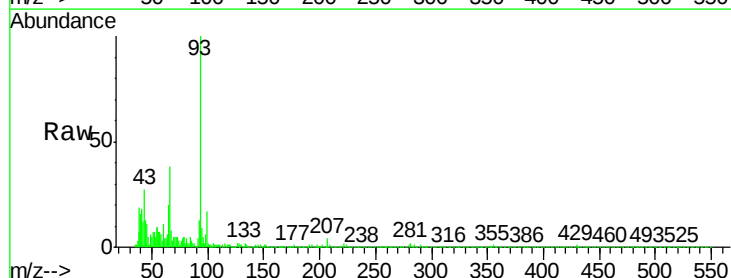
Tgt Ion: 93 Resp: 13049

Ion Ratio Lower Upper

93 100

66 38.5 30.1 45.1

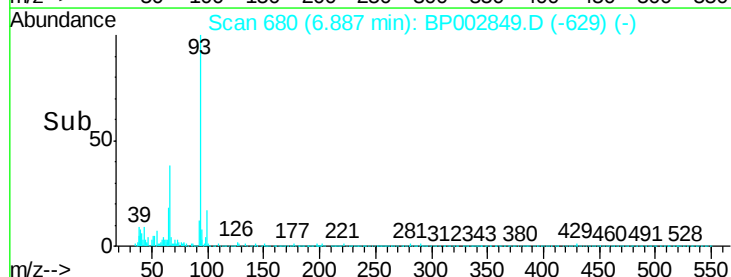
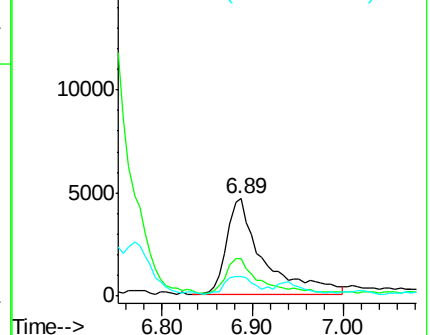
65 19.7 15.4 23.2

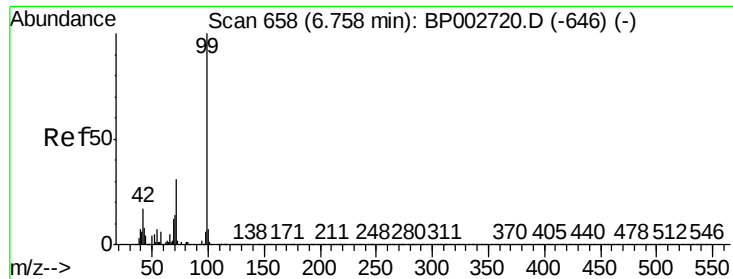


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 109.175 ng

RT: 6.75 min Scan# 656

Delta R.T. -0.01 min

Lab File: BP002849.D

Acq: 23 Jul 2020 20:10

Instrument :

BNA_P

ClientSampleId :

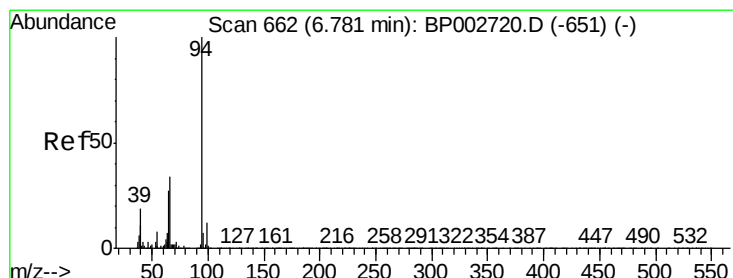
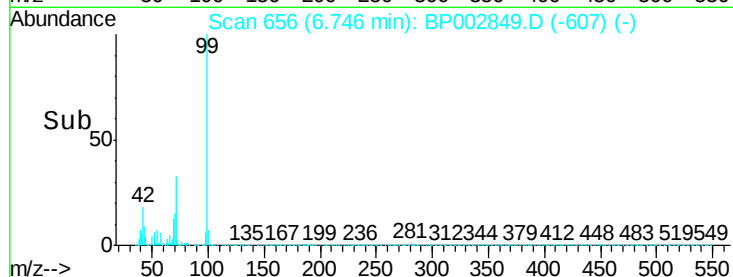
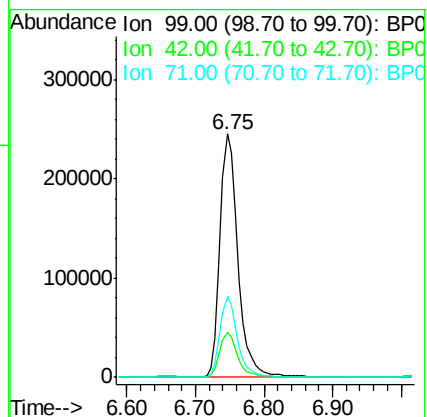
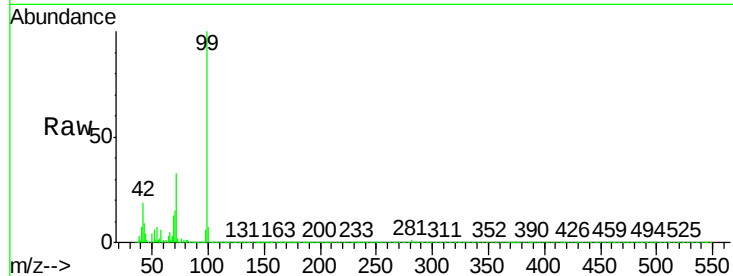
Tot Ion: 99 Resp: 444673

Ion Ratio Lower Upper

99 100

42 18.5 13.4 20.2

71 33.2 24.6 36.8



#10

Phenol

Concen: 3.177 ng

RT: 6.78 min Scan# 661

Delta R.T. -0.01 min

Lab File: BP002849.D

Acq: 23 Jul 2020 20:10

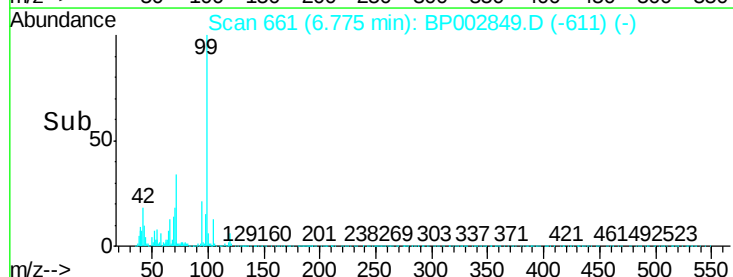
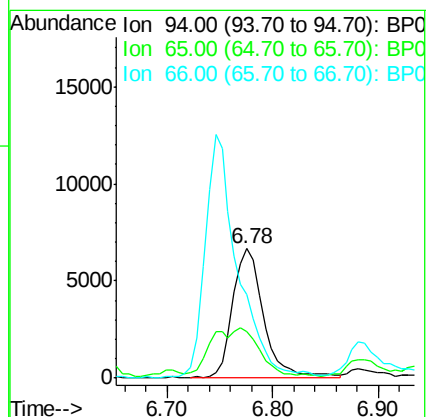
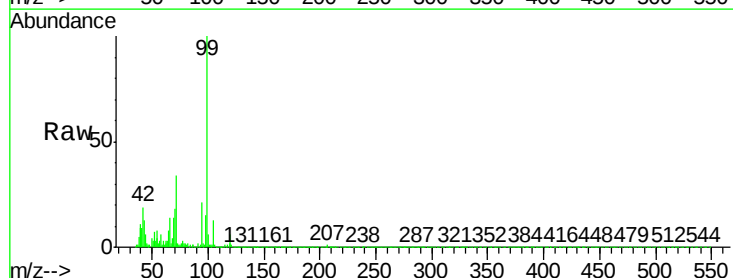
Tgt Ion: 94 Resp: 13254

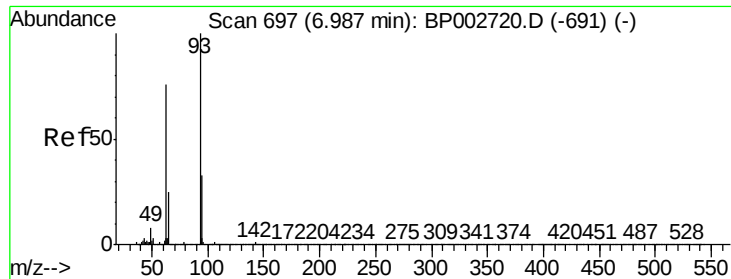
Ion Ratio Lower Upper

94 100

65 36.2 7.0 47.0

66 64.2 13.7 53.7#

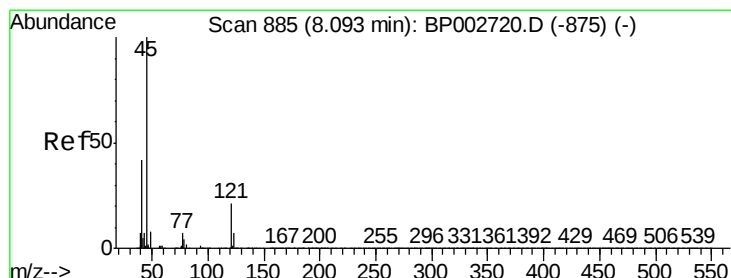
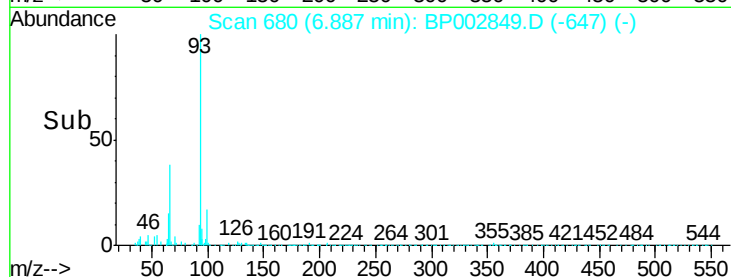
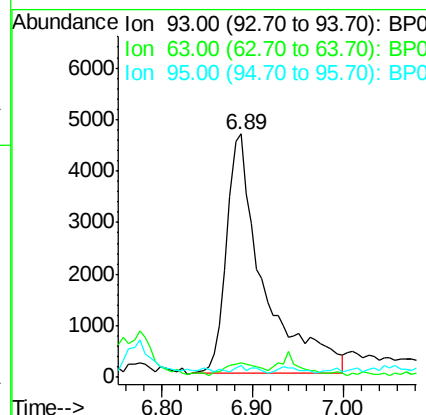
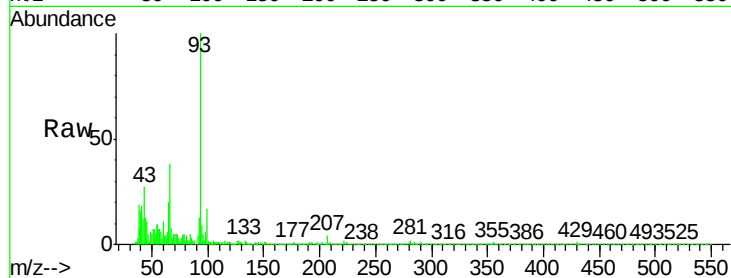




#11
bis(2-Chloroethyl)ether
Concen: 3.760 ng
RT: 6.89 min Scan# 680
Delta R.T. -0.11 min
Lab File: BP002849.D
Acq: 23 Jul 2020 20:10

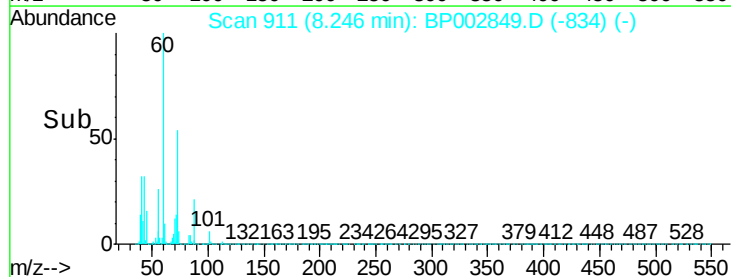
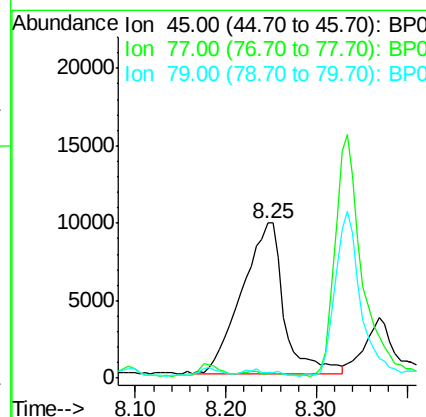
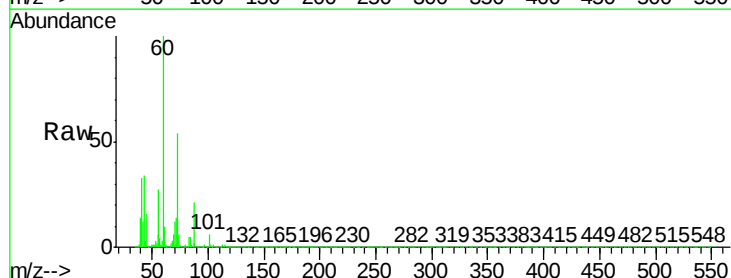
Instrument :
BNA_P
ClientSampleId :

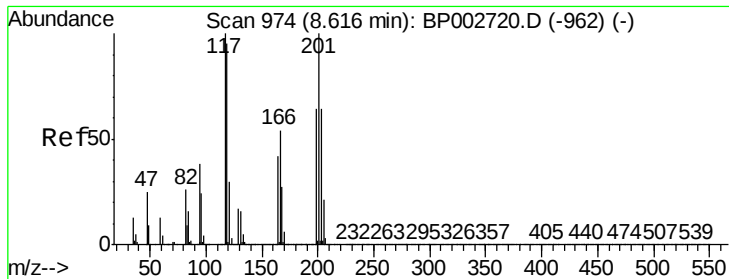
Tot Ion	Ratio	Lower	Upper
93	100		
63	5.7	55.1	95.1#
95	5.1	12.7	52.7#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 6.321 ng
RT: 8.25 min Scan# 911
Delta R.T. 0.15 min
Lab File: BP002849.D
Acq: 23 Jul 2020 20:10

Tgt Ion	Ratio	Lower	Upper
45	100		
77	3.0	0.0	34.8
79	3.8	0.0	31.6

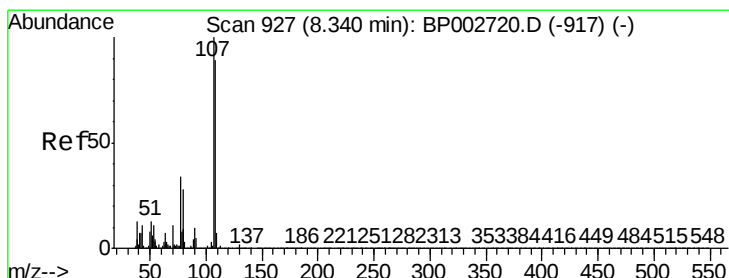
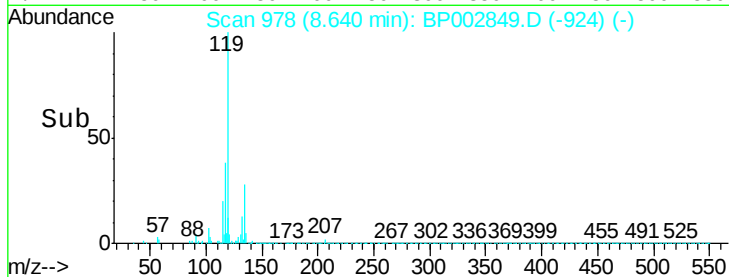
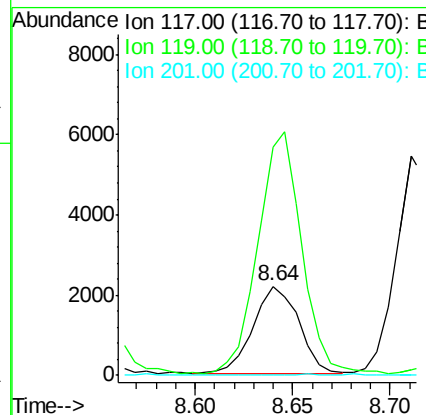
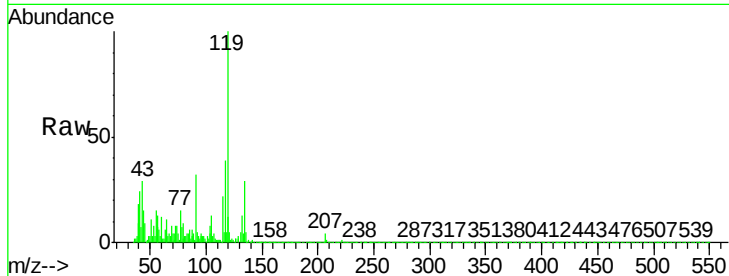




#18
Hexachloroethane
Concen: 2.699 ng
RT: 8.64 min Scan# 978
Delta R.T. 0.02 min
Lab File: BP002849.D
Acq: 23 Jul 2020 20:10

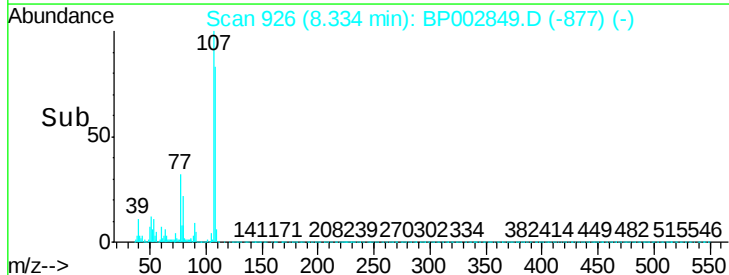
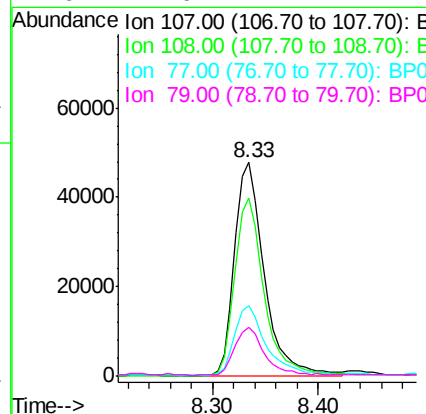
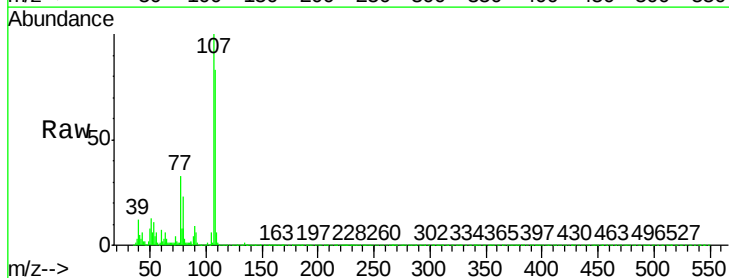
Instrument :
BNA_P
ClientSampleId :

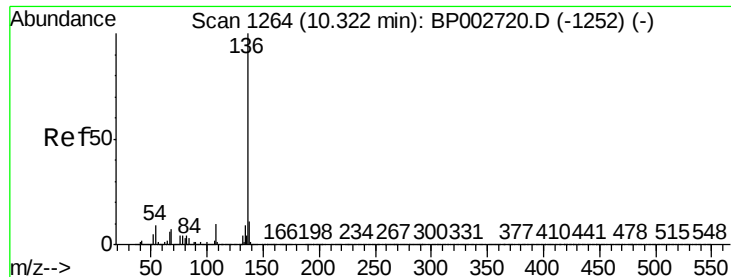
Tot Ion:117 Resp: 3493
Ion Ratio Lower Upper
117 100
119 256.8 76.6 115.0#
201 0.7 80.3 120.5#



#20
3+4-Methylphenols
Concen: 23.615 ng
RT: 8.33 min Scan# 926
Delta R.T. -0.01 min
Lab File: BP002849.D
Acq: 23 Jul 2020 20:10

Tgt Ion:107 Resp: 92816
Ion Ratio Lower Upper
107 100
108 83.0 69.5 109.5
77 32.9 14.3 54.3
79 22.6 7.7 47.7

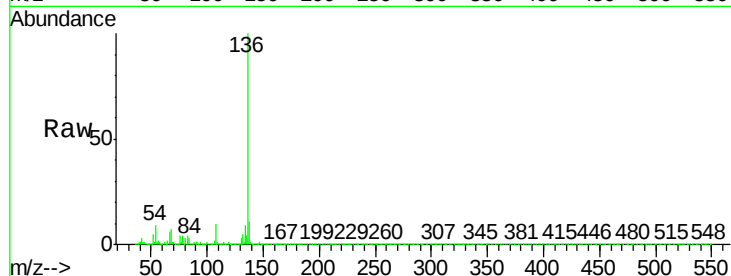




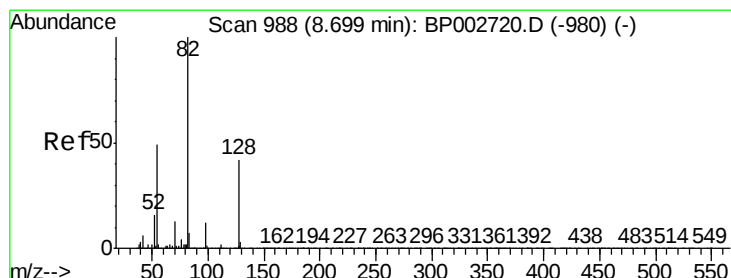
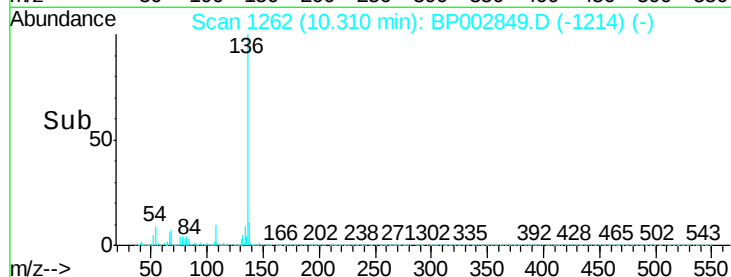
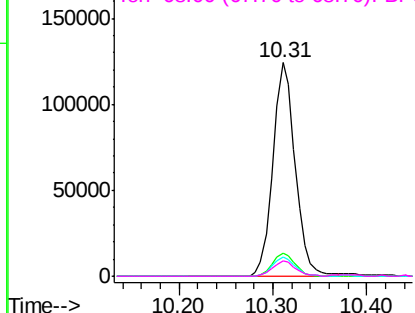
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.31 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BP002849.D
Acq: 23 Jul 2020 20:10

Instrument :
BNA_P
ClientSampleId :

Tot Ion:136	Resp:	203440
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.6	13.0
54 8.8	6.9	10.3
68 7.0	5.7	8.5

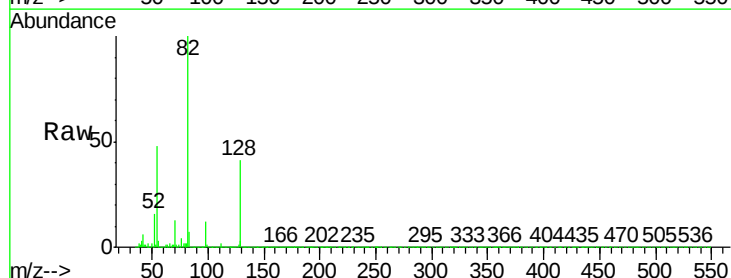


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

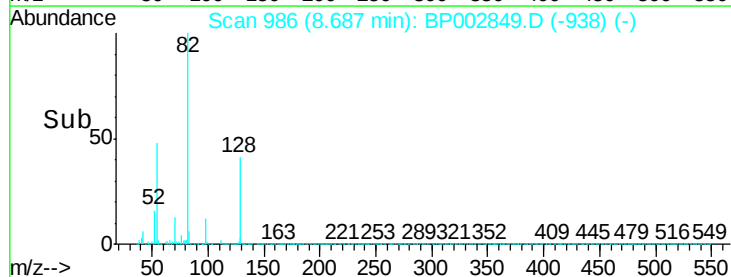
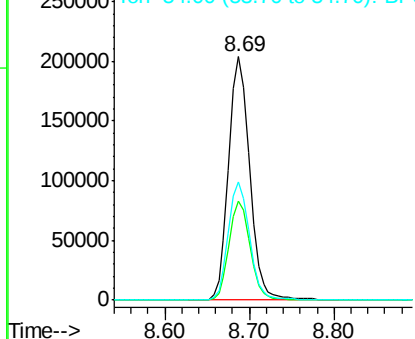


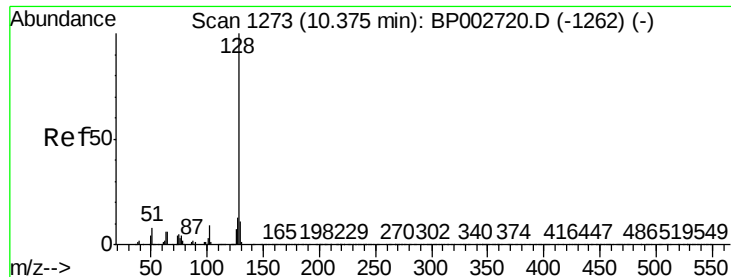
#23
Nitrobenzene-d5
Concen: 92.599 ng
RT: 8.69 min Scan# 986
Delta R.T. -0.02 min
Lab File: BP002849.D
Acq: 23 Jul 2020 20:10

Tgt Ion: 82	Resp: 352225
Ion Ratio	Lower Upper
82 100	
128 40.5	33.8 50.8
54 48.5	38.8 58.2



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

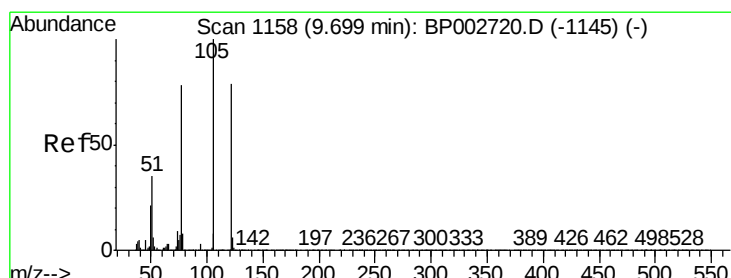
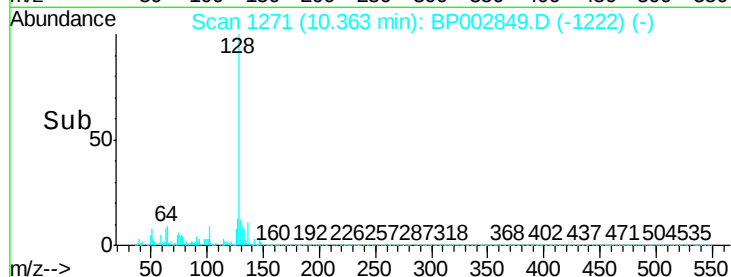
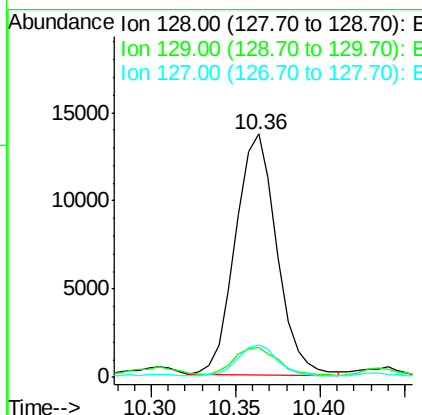
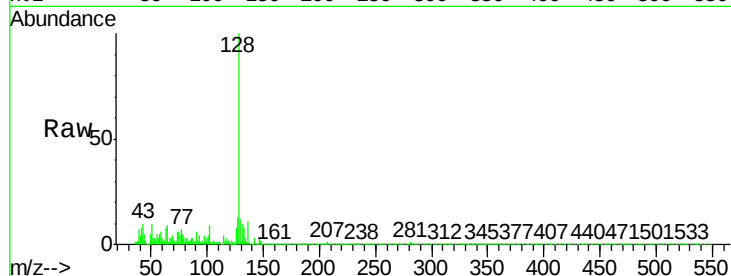




#31
Naphthalene
Concen: 2.175 ng
RT: 10.36 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BP002849.D
Acq: 23 Jul 2020 20:10

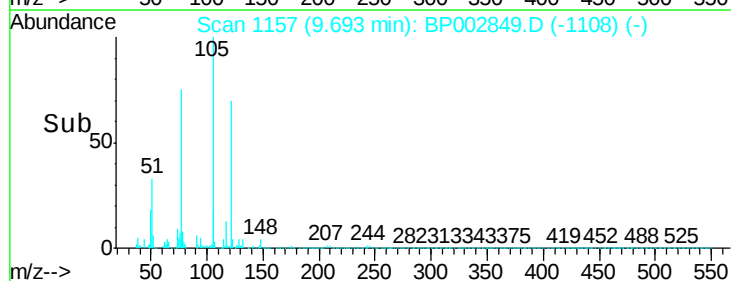
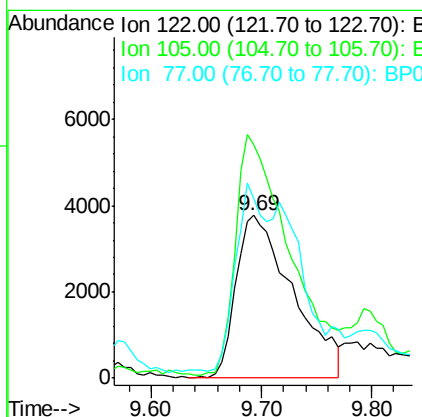
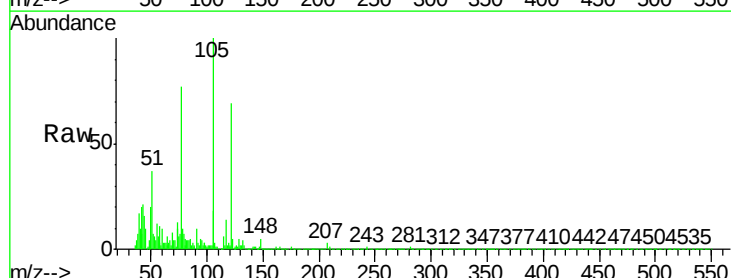
Instrument :
BNA_P
ClientSampleId :

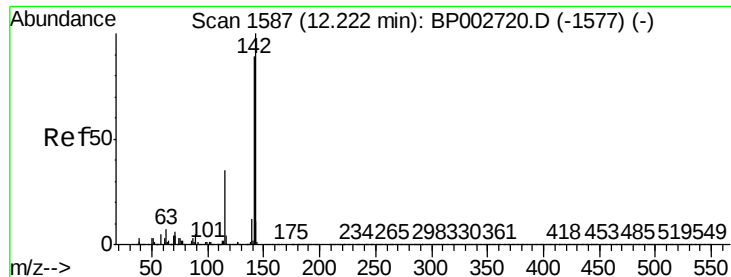
Tot Ion	128	Resp	23361
Ion Ratio	Lower	Upper	
128	100		
129	12.3	8.6	13.0
127	13.1	10.6	15.8



#32
Benzoic acid
Concen: 12.176 ng
RT: 9.69 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BP002849.D
Acq: 23 Jul 2020 20:10

Tgt Ion	122	Resp	13399
Ion Ratio	Lower	Upper	
122	100		
105	143.9	105.4	145.4
77	110.9	78.5	118.5

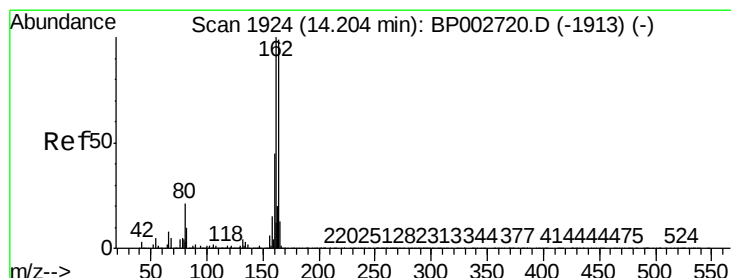
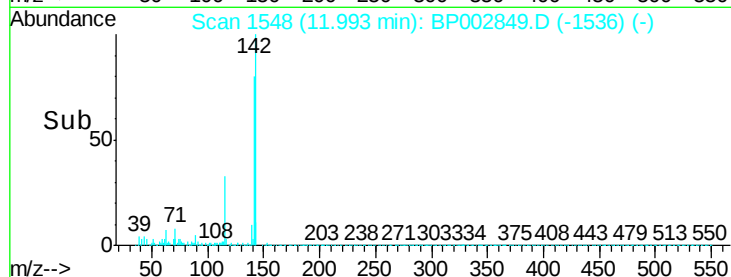
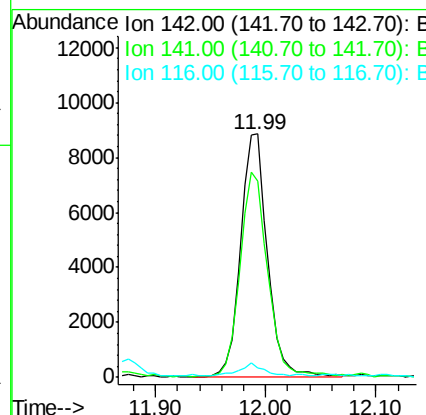
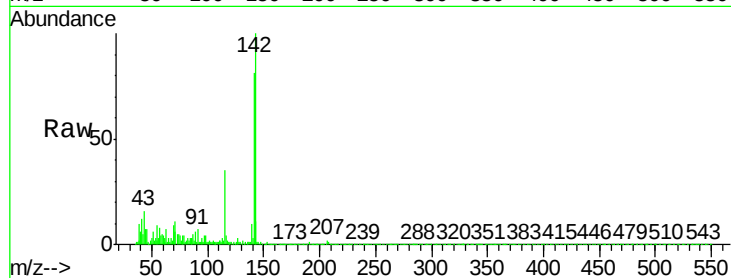




#38
 1-Methylnaphthalene
 Concen: 2.105 ng
 RT: 11.99 min Scan# 1548
 Delta R.T. -0.23 min
 Lab File: BP002849.D
 Acq: 23 Jul 2020 20:10

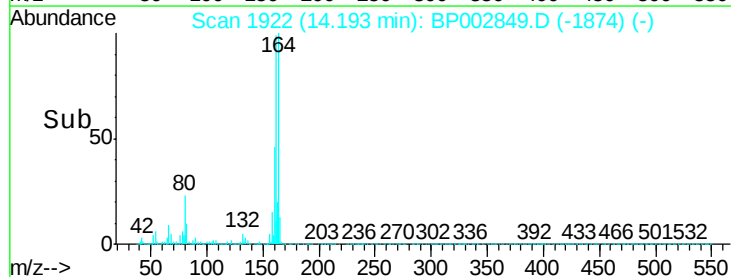
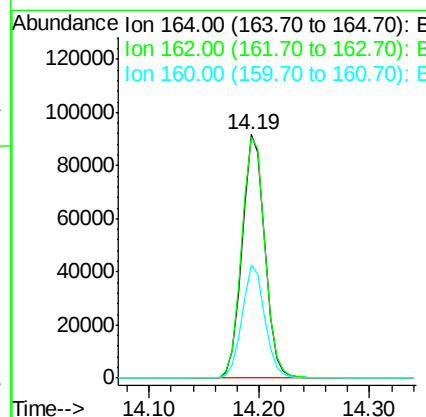
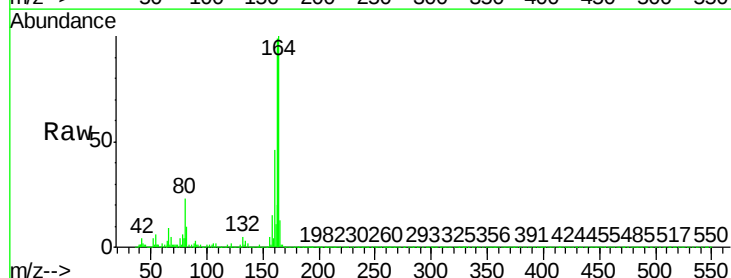
Instrument :
 BNA_P
 ClientSampleId :

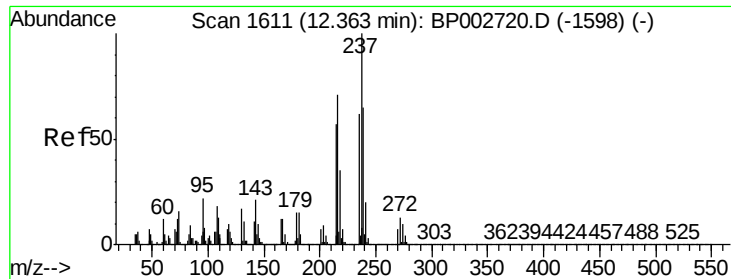
Tot Ion:142 Resp: 15090
 Ion Ratio Lower Upper
 142 100
 141 80.7 71.5 107.3
 116 3.6 2.9 4.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.19 min Scan# 1922
 Delta R.T. -0.02 min
 Lab File: BP002849.D
 Acq: 23 Jul 2020 20:10

Tgt Ion:164 Resp: 132916
 Ion Ratio Lower Upper
 164 100
 162 99.1 80.6 121.0
 160 46.2 36.4 54.6





#41

Hexachlorocyclopentadiene

Concen: 7.450 ng

RT: 12.55 min Scan# 1642

Delta R.T. 0.18 min

Lab File: BP002849.D

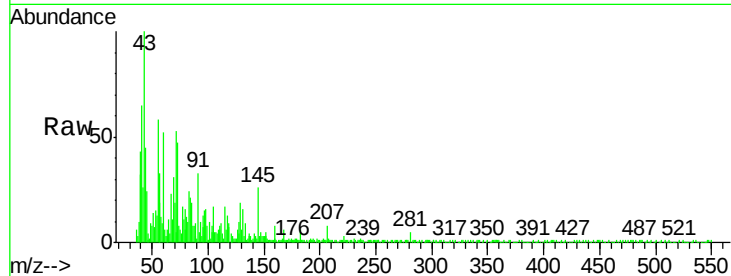
Acq: 23 Jul 2020 20:10

Instrument :

BNA_P

ClientSampleId :

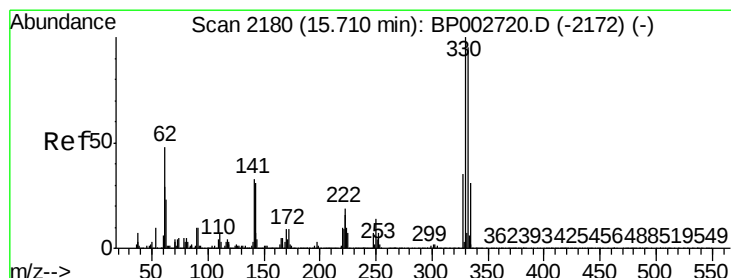
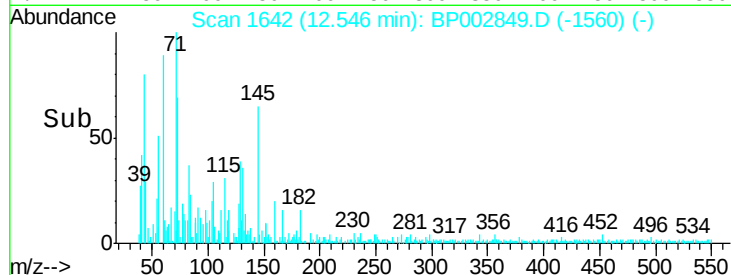
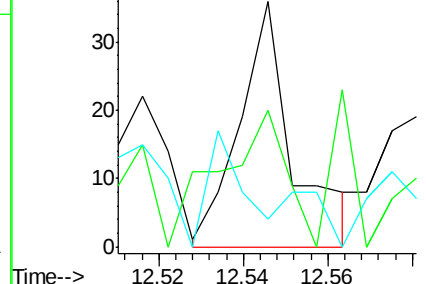
Tot Ion:	237	Resp:	31
Ion	Ratio	Lower	Upper
237	100		
235	55.6	42.3	82.3
272	11.1	0.0	32.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 151.801 ng

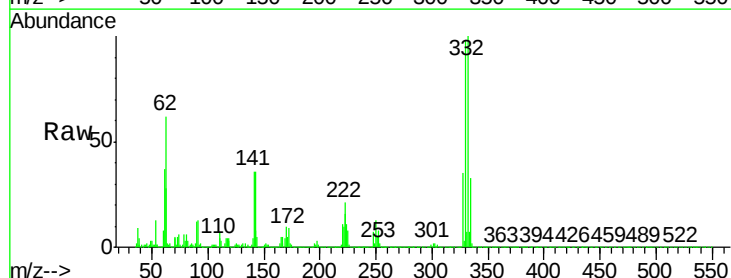
RT: 15.70 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BP002849.D

Acq: 23 Jul 2020 20:10

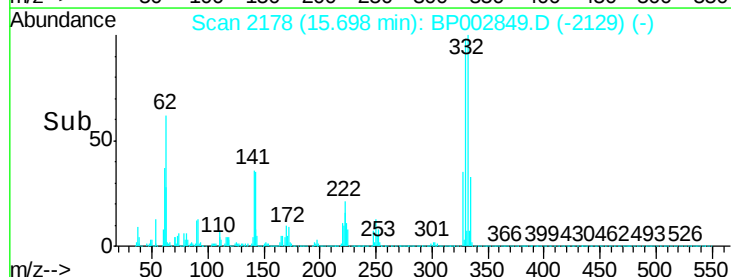
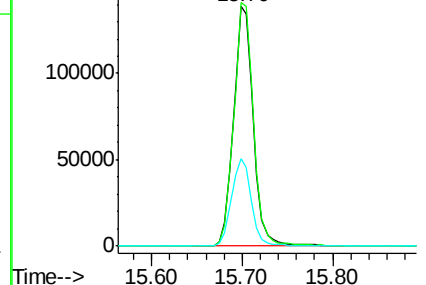
Tgt Ion:	330	Resp:	210613
Ion	Ratio	Lower	Upper
330	100		
332	102.4	76.5	114.7
141	36.2	28.8	43.2

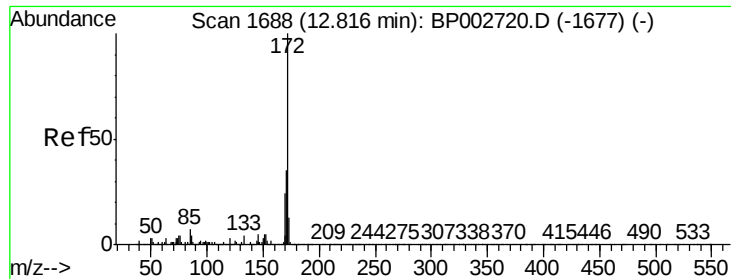


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

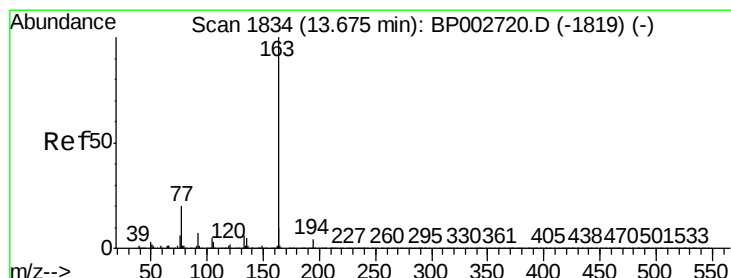
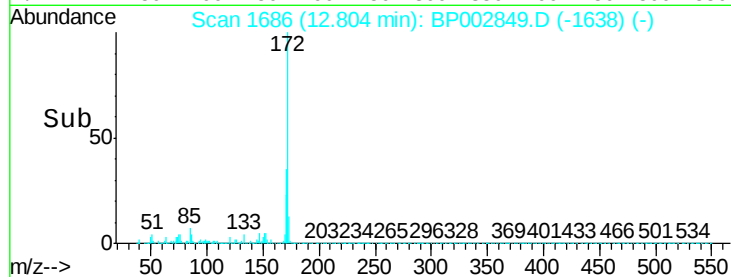
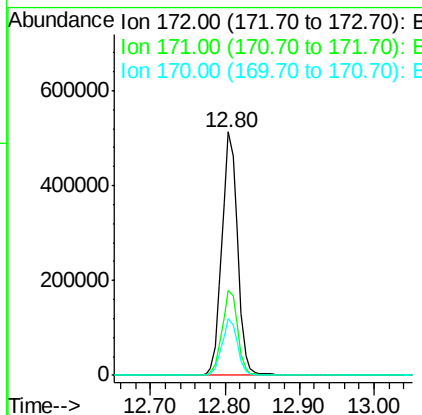
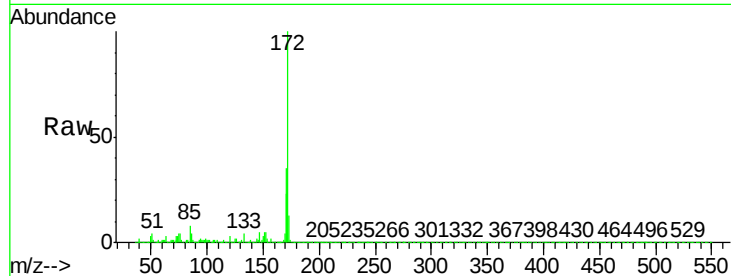




#45
2-Fluorobiphenyl
Concen: 87.806 ng
RT: 12.80 min Scan# 1686
Delta R.T. -0.02 min
Lab File: BP002849.D
Acq: 23 Jul 2020 20:10

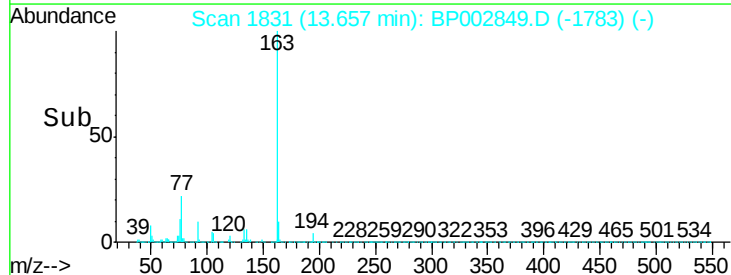
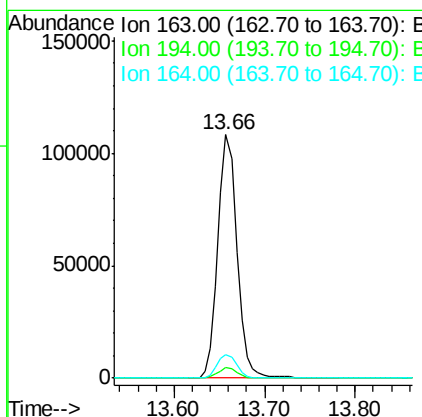
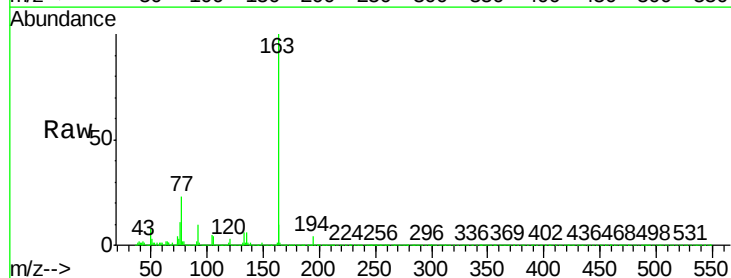
Instrument :
BNA_P
ClientSampleId :

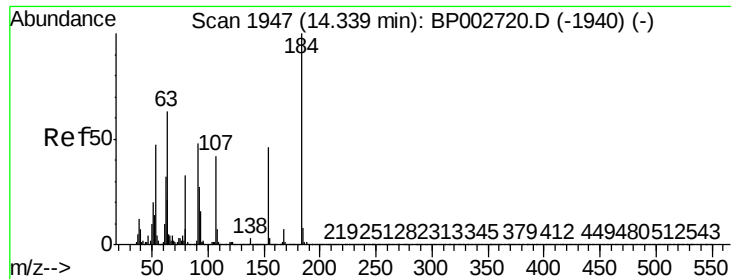
Tot Ion:172 Resp: 754427
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.1 19.3 28.9



#50
Dimethylphthalate
Concen: 15.688 ng
RT: 13.66 min Scan# 1831
Delta R.T. -0.02 min
Lab File: BP002849.D
Acq: 23 Jul 2020 20:10

Tgt Ion:163 Resp: 159020
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 9.7 7.8 11.8

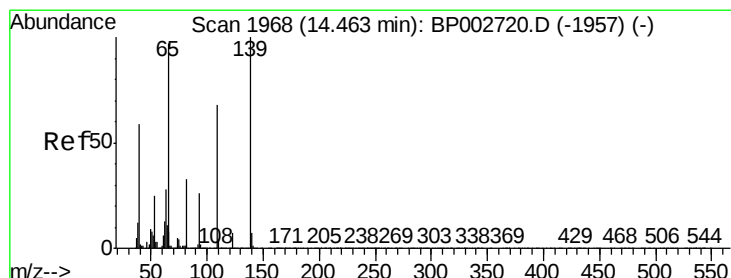
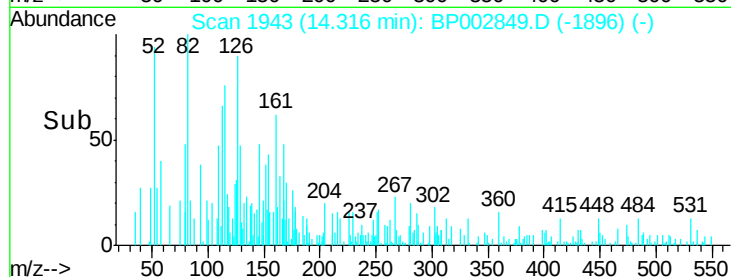
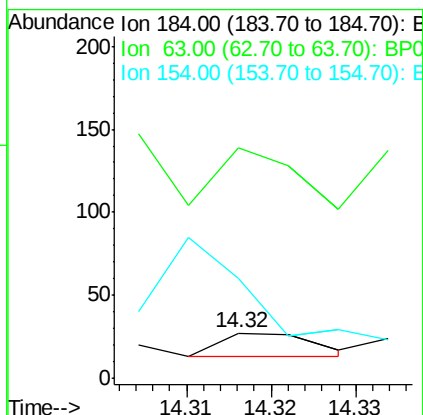
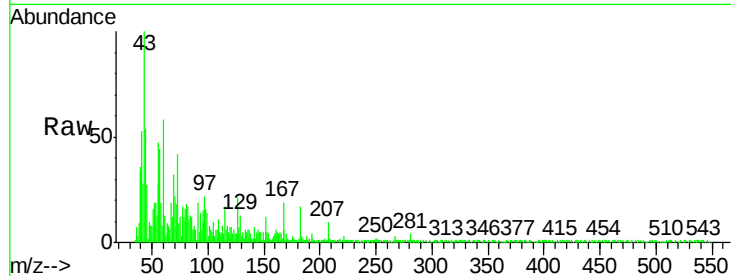




#54
2,4-Dinitrophenol
Concen: 11.382 ng
RT: 14.32 min Scan# 1943
Delta R.T. -0.02 min
Lab File: BP002849.D
Acq: 23 Jul 2020 20:10

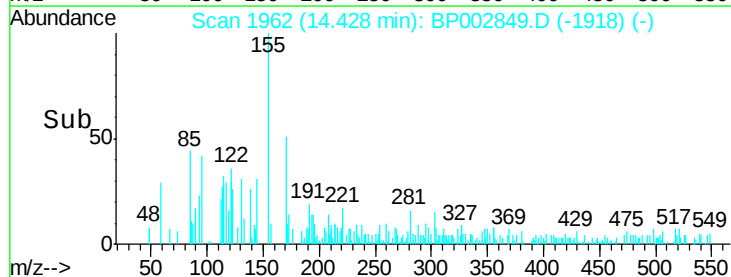
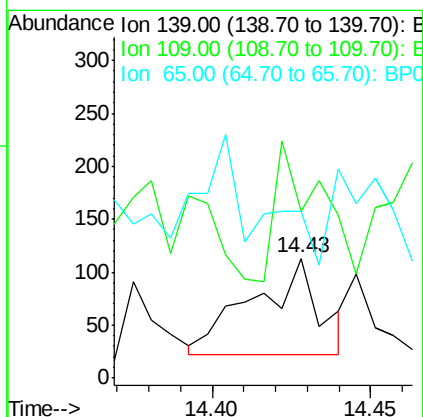
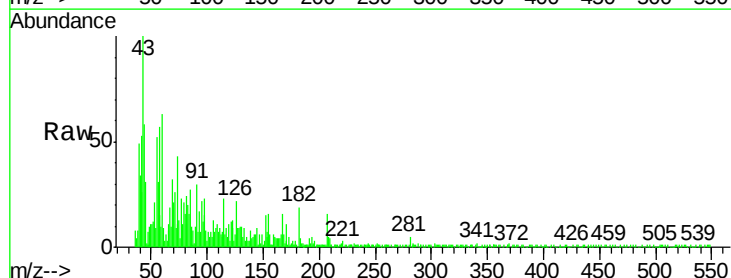
Instrument :
BNA_P
ClientSampleId :

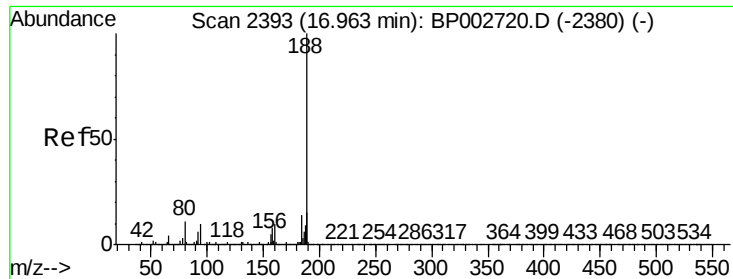
Tot Ion:184 Resp: 11
Ion Ratio Lower Upper
184 100
63 514.8 51.6 77.4#
154 222.2 45.0 67.6#



#56
4-Nitrophenol
Concen: 5.036 ng
RT: 14.43 min Scan# 1962
Delta R.T. -0.04 min
Lab File: BP002849.D
Acq: 23 Jul 2020 20:10

Tgt Ion:139 Resp: 133
Ion Ratio Lower Upper
139 100
109 139.8 48.1 88.1#
65 139.8 77.9 117.9#

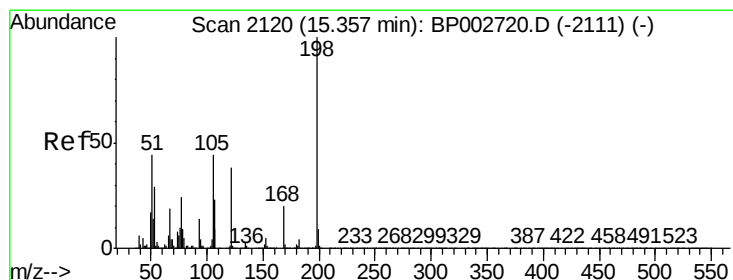
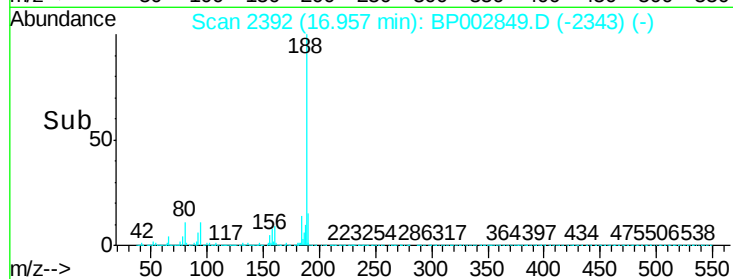
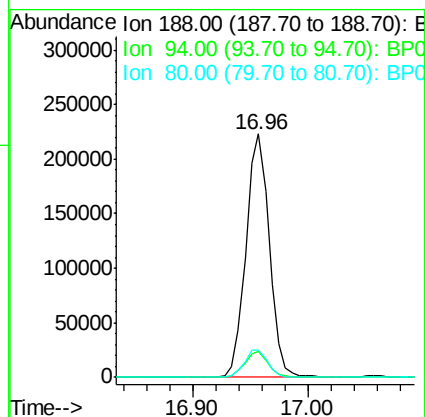
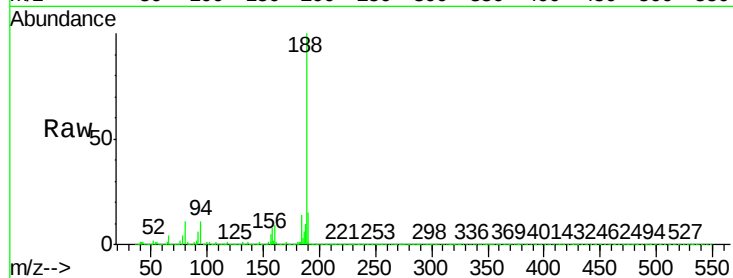




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.96 min Scan# 2392
 Delta R.T. -0.01 min
 Lab File: BP002849.D
 Acq: 23 Jul 2020 20:10

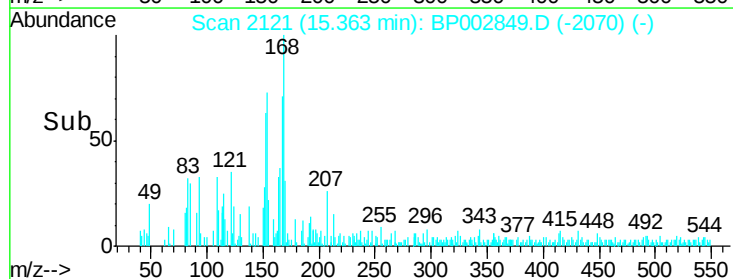
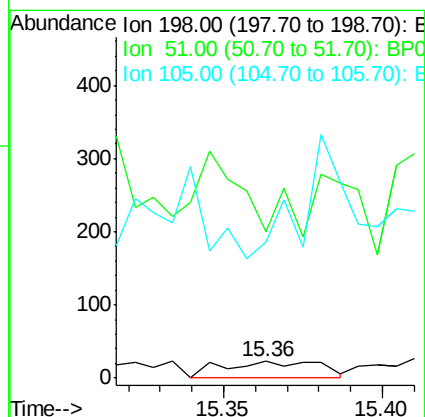
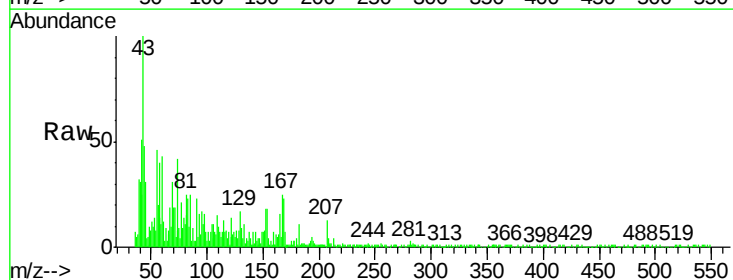
Instrument :
 BNA_P
 ClientSampleId :

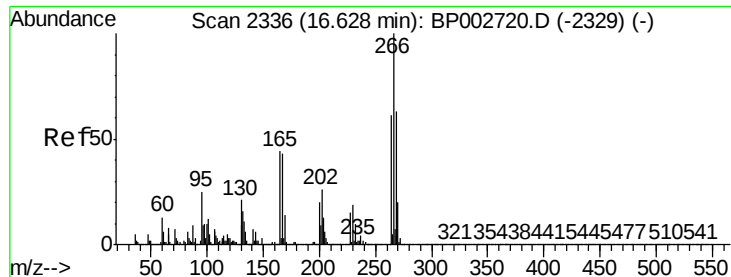
Tot Ion:188	Resp:	313525
Ion	Ratio	Lower Upper
188	100	
94	10.7	8.1 12.1
80	11.2	8.9 13.3



#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.290 ng
 RT: 15.36 min Scan# 2121
 Delta R.T. 0.00 min
 Lab File: BP002849.D
 Acq: 23 Jul 2020 20:10

Tgt Ion:198	Resp:	49
Ion	Ratio	Lower Upper
198	100	
51	869.6	27.1 67.1#
105	808.7	24.9 64.9#

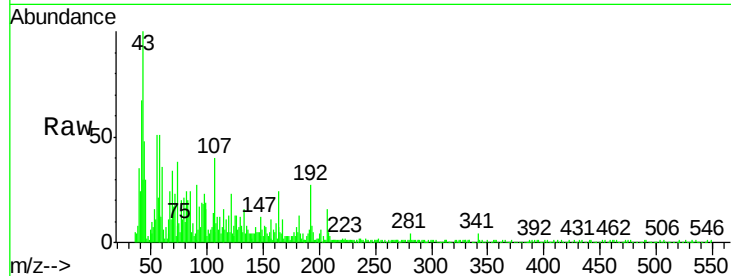




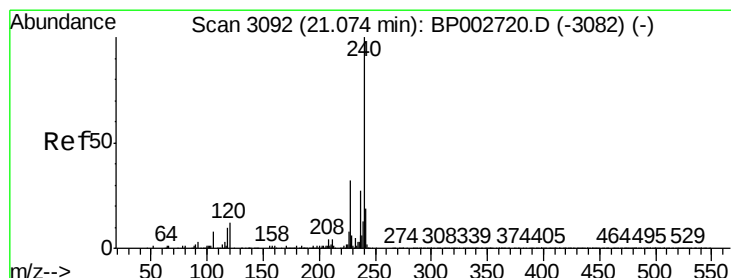
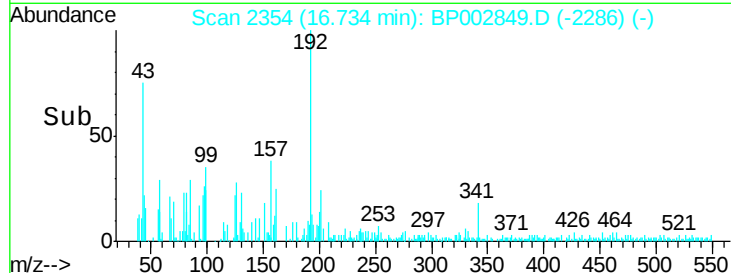
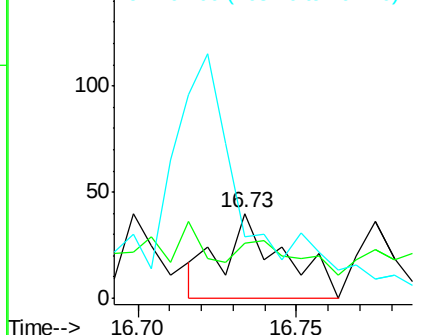
#70
 Pentachlorophenol
 Concen: 7.469 ng
 RT: 16.73 min Scan# 2354
 Delta R.T. 0.10 min
 Lab File: BP002849.D
 Acq: 23 Jul 2020 20:10

Instrument :
 BNA_P
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.0	50.6	75.8
264	72.5	48.6	72.8

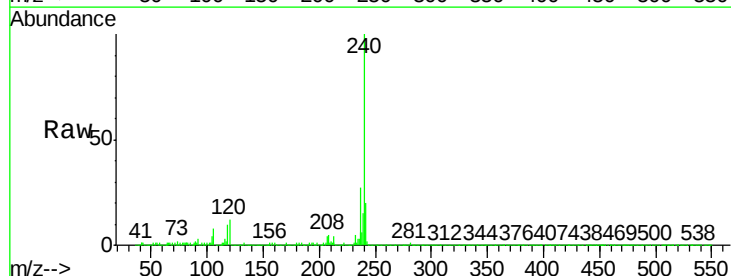


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

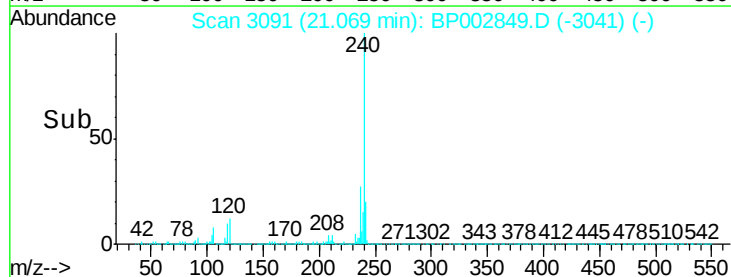
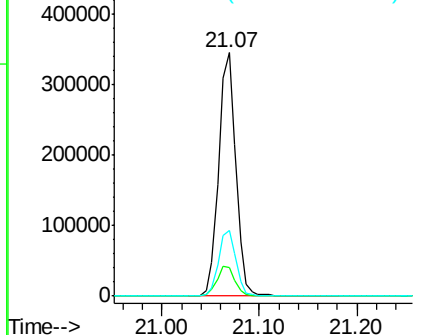


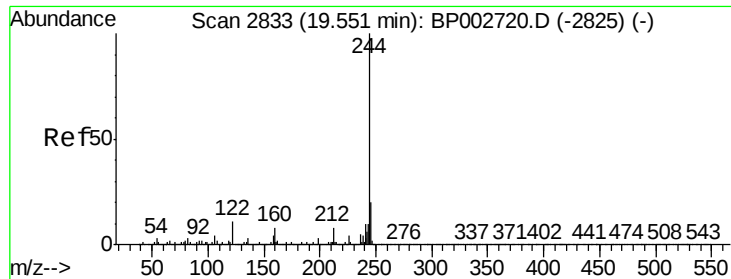
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.07 min Scan# 3091
 Delta R.T. -0.01 min
 Lab File: BP002849.D
 Acq: 23 Jul 2020 20:10

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.4	14.2
236	27.0	21.3	31.9



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

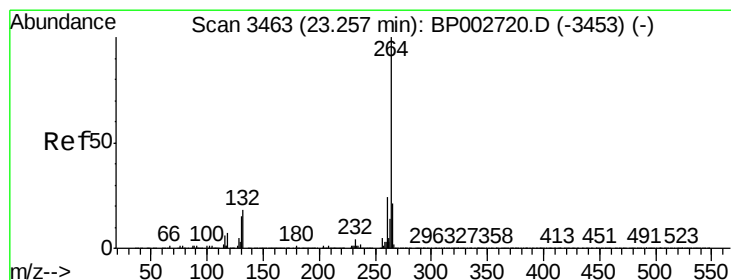
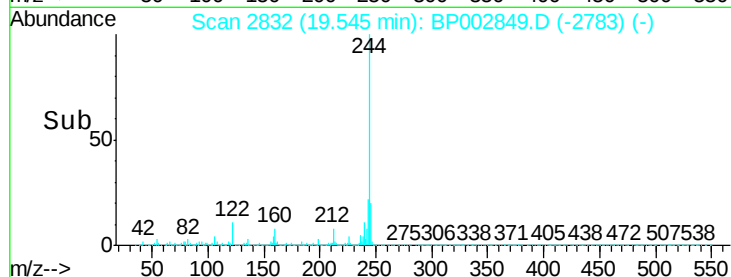
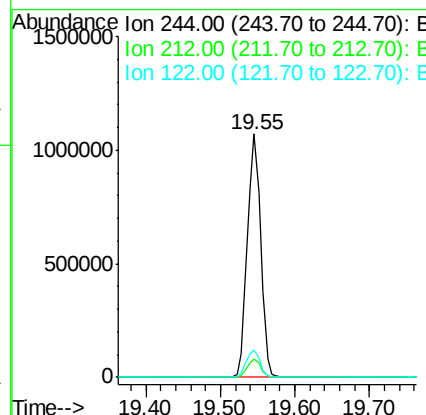
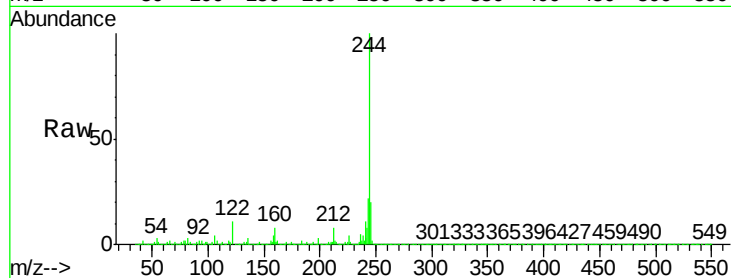




#79
 Terphenyl-d14
 Concen: 72.041 ng
 RT: 19.55 min Scan# 2832
 Delta R.T. -0.01 min
 Lab File: BP002849.D
 Acq: 23 Jul 2020 20:10

Instrument :
 BNA_P
 ClientSampled :

Tot Ion:244 Resp: 1324466
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 11.0 8.9 13.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.25 min Scan# 3462
 Delta R.T. -0.01 min
 Lab File: BP002849.D
 Acq: 23 Jul 2020 20:10

Tgt Ion:264 Resp: 521011
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.3 28.9
 265 22.2 16.8 25.2

