

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070220\
 Data File : BP002629.D
 Acq On : 02 Jul 2020 14:15
 Operator : CG/JU
 Sample : L3153-23
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP2-E

Quant Time: Jul 02 15:03:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 16:51:57 2020
 Response via : Initial Calibration

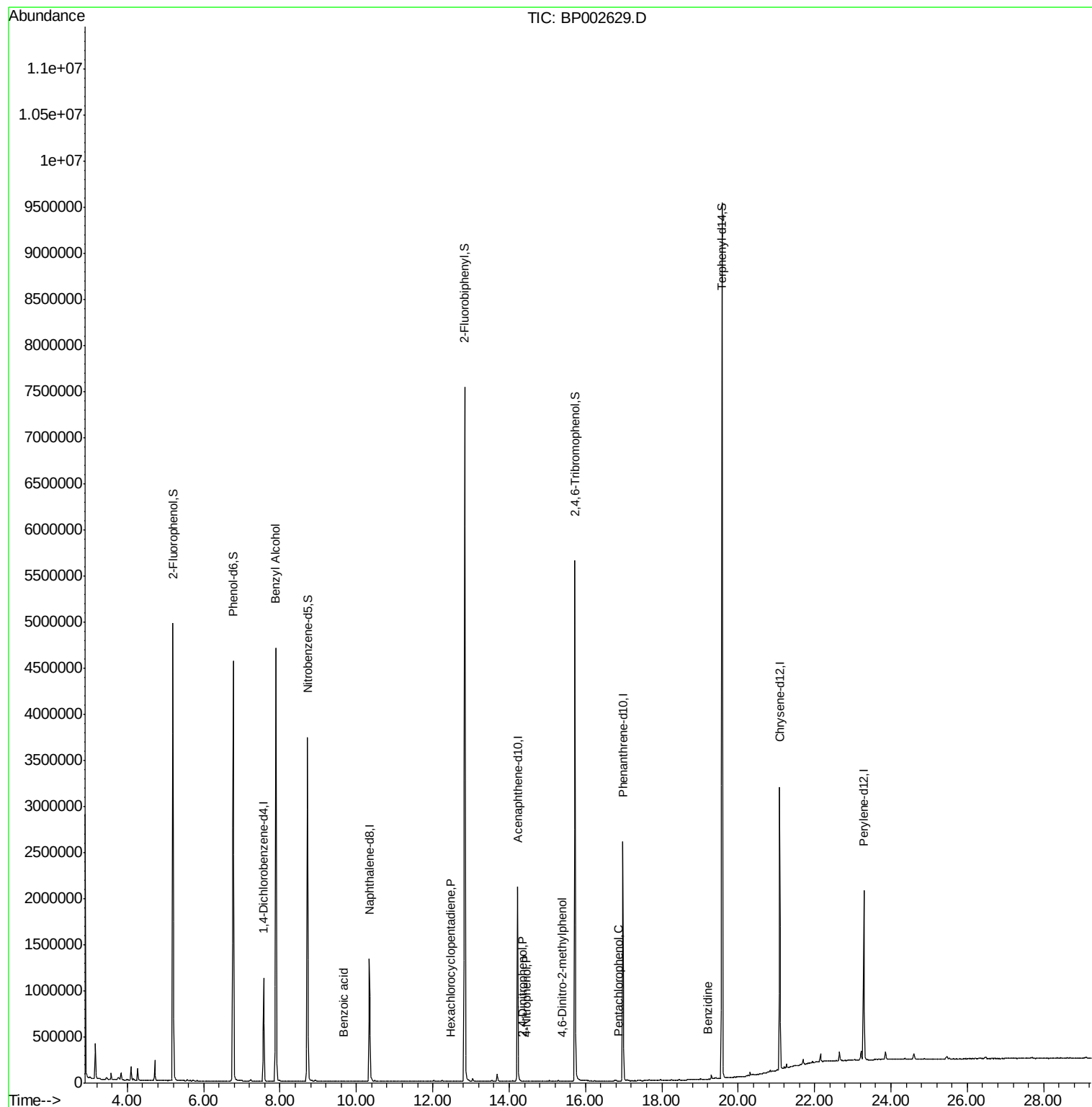
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	298368	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	1136374	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	717957	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	1554462	20.00	ng	0.00
76) Chrysene-d12	21.09	240	1443719	20.00	ng	0.00
86) Perylene-d12	23.29	264	1270906	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	2345721	133.11	ng	0.00
7) Phenol-d6	6.77	99	2802369	113.93	ng	0.00
23) Nitrobenzene-d5	8.72	82	2292003	103.92	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	1189338	136.20	ng	0.00
45) 2-Fluorobiphenyl	12.84	172	4374026	89.67	ng	0.00
79) Terphenyl-d14	19.57	244	5467913	81.75	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.89	79	38115	2.062	ng	# 50
32) Benzoic acid	9.68	122	20	8.701	ng	# 1
41) Hexachlorocyclopentadiene	12.48	237	33	4.384	ng	# 88
54) 2,4-Dinitrophenol	14.35	184	29	6.012	ng	# 1
56) 4-Nitrophenol	14.45	139	102	2.445	ng	# 88
65) 4,6-Dinitro-2-methylphenol	15.37	198	17	2.711	ng	# 1
70) Pentachlorophenol	16.87	266	15	2.663	ng	# 92
77) Benzidine	19.19	184	50	3.757	ng	# 1

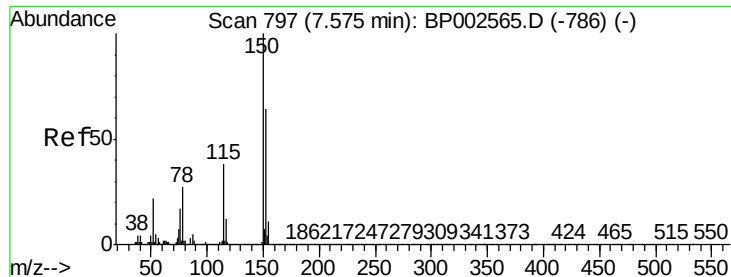
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
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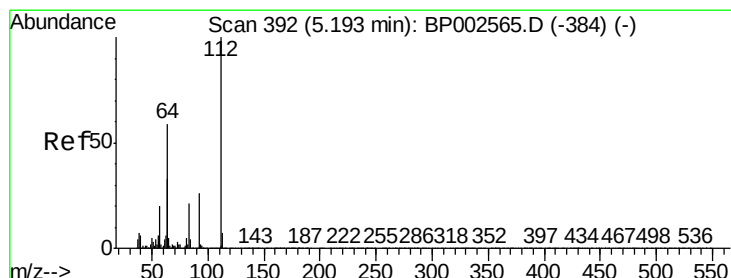
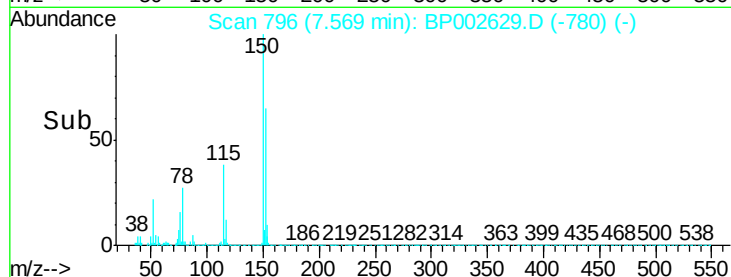
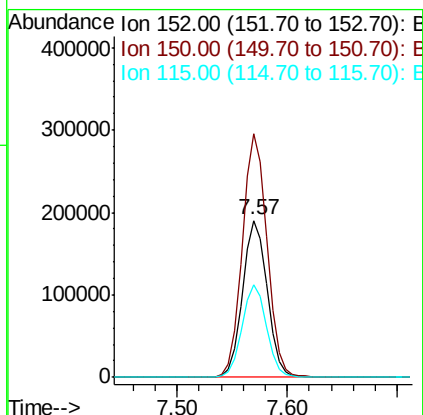
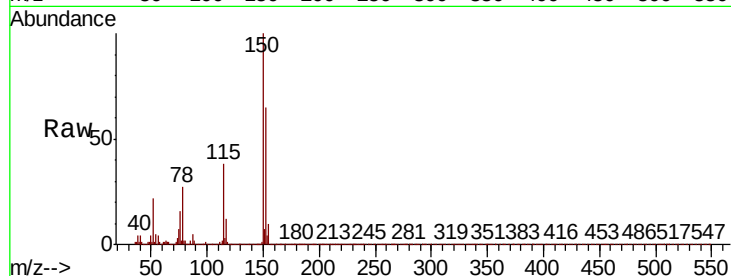


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002629.D
Acq: 02 Jul 2020 14:15

Instrument :
BNA_P
ClientSampleId :
SP2-E

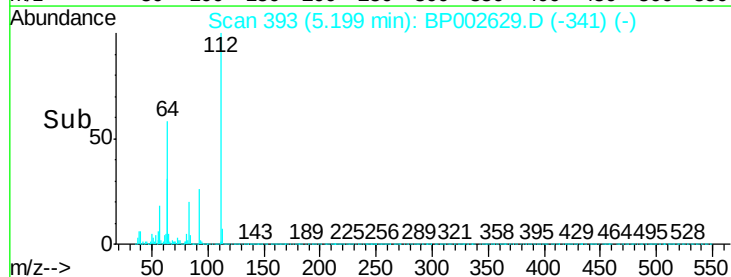
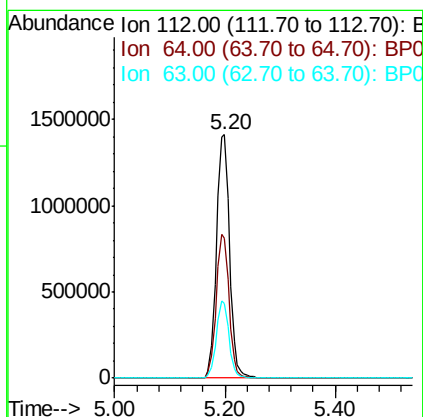
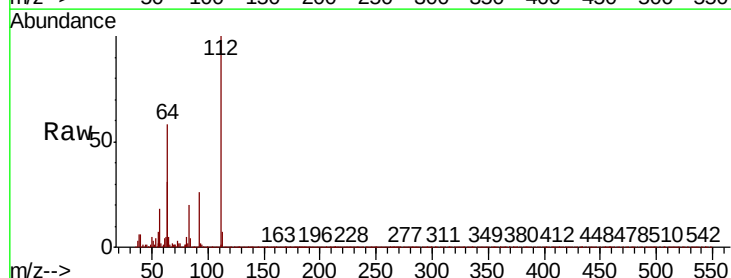
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.2	186.2
115	59.1	47.1	70.7

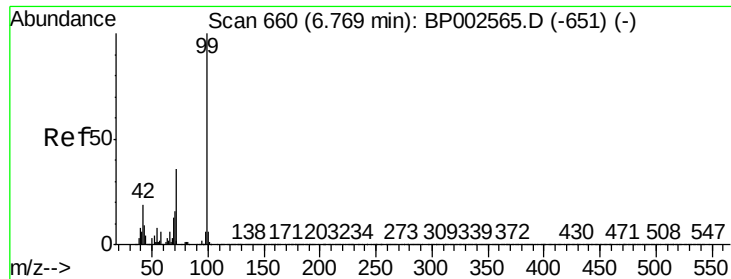


#5

2-Fluorophenol
Concen: 133.110 ng
RT: 5.20 min Scan# 393
Delta R.T. 0.01 min
Lab File: BP002629.D
Acq: 02 Jul 2020 14:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	47.0	70.6
63	30.5	26.1	39.1





#7

Phenol-d6

Concen: 113.934 ng

RT: 6.77 min Scan# 660

Delta R.T. 0.00 min

Lab File: BP002629.D

Acq: 02 Jul 2020 14:15

Instrument :

BNA_P

ClientSampleId :

SP2-E

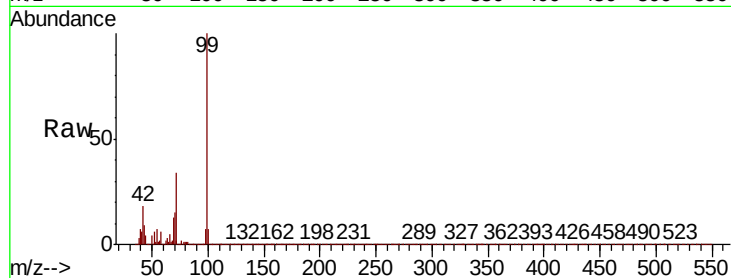
Tot Ion: 99 Resp: 2802369

Ion Ratio Lower Upper

99 100

42 18.0 15.5 23.3

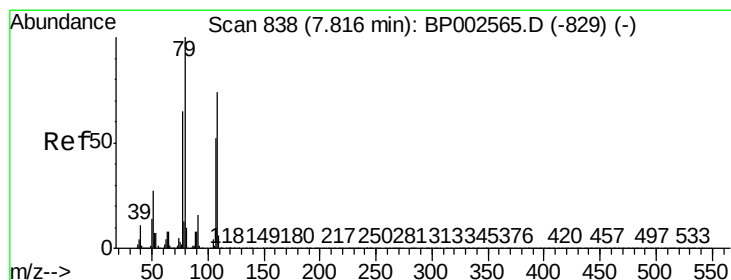
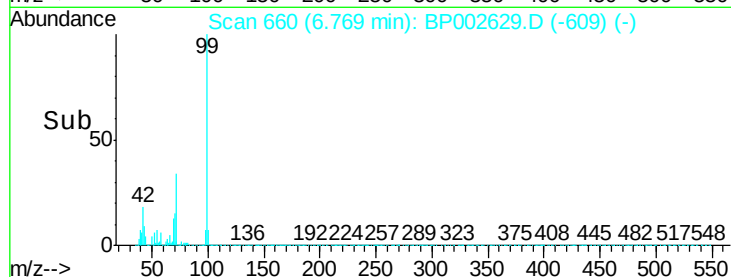
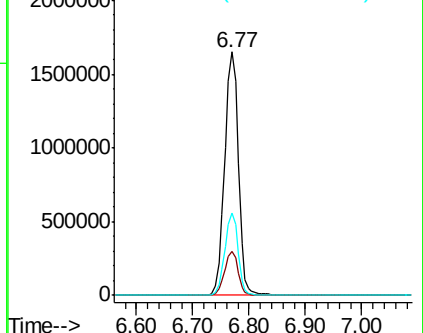
71 33.8 28.9 43.3



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



#15

Benzyl Alcohol

Concen: 2.062 ng

RT: 7.89 min Scan# 850

Delta R.T. 0.07 min

Lab File: BP002629.D

Acq: 02 Jul 2020 14:15

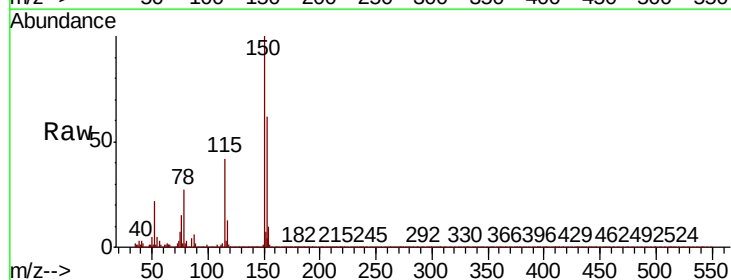
Tgt Ion: 79 Resp: 38115

Ion Ratio Lower Upper

79 100

108 36.3 59.4 89.2#

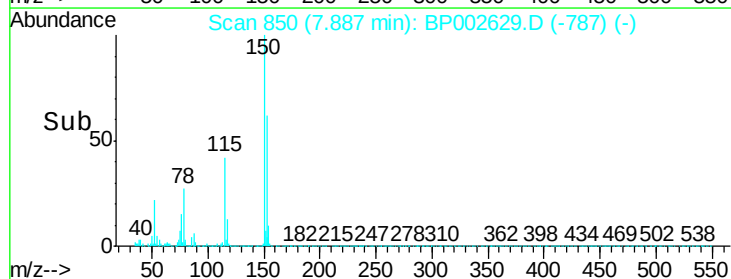
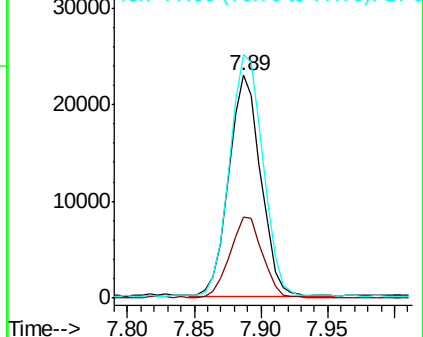
77 109.2 51.9 77.9#

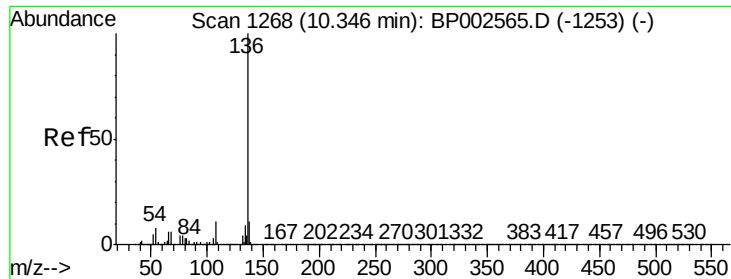


Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0



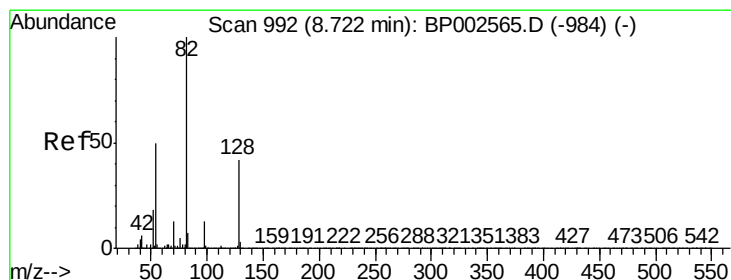
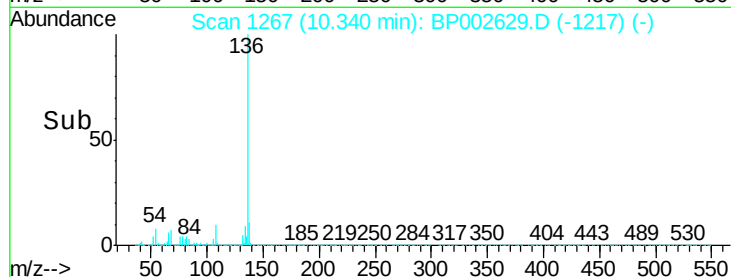
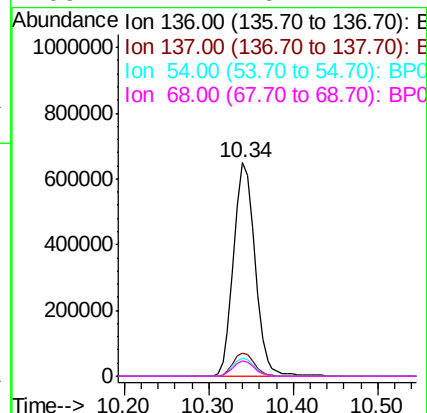
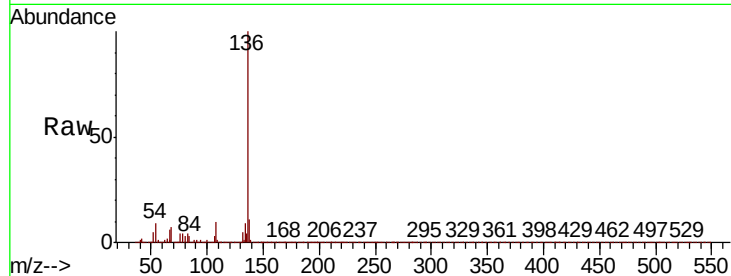


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP002629.D
Acq: 02 Jul 2020 14:15

Instrument :
BNA_P
ClientSampleId :
SP2-E

Tot Ion:136 Resp: 1136374

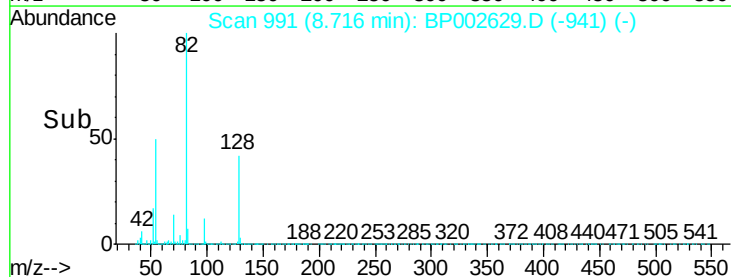
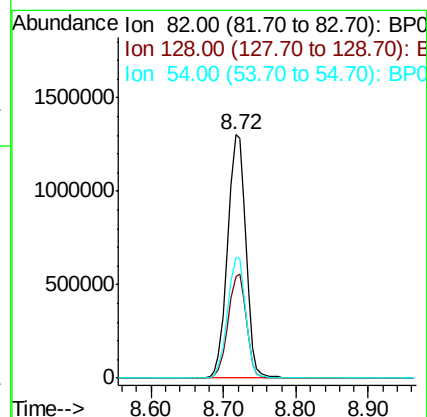
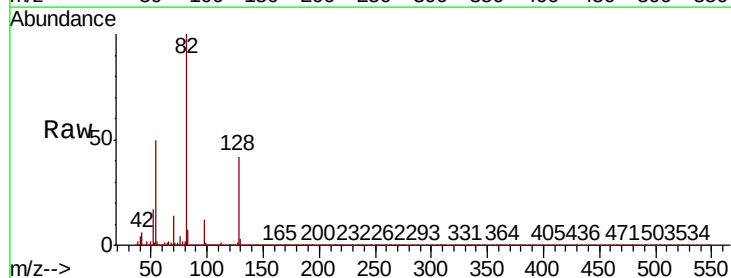
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.5	6.4	9.6
68	7.2	5.1	7.7

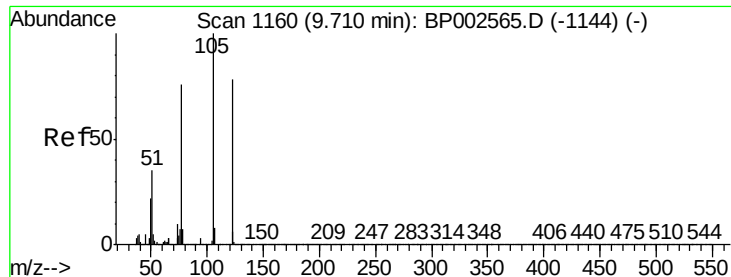


#23
Nitrobenzene-d5
Concen: 103.924 ng
RT: 8.72 min Scan# 991
Delta R.T. -0.01 min
Lab File: BP002629.D
Acq: 02 Jul 2020 14:15

Tgt Ion: 82 Resp: 2292003

Ion	Ratio	Lower	Upper
82	100		
128	41.7	33.4	50.2
54	49.7	40.1	60.1

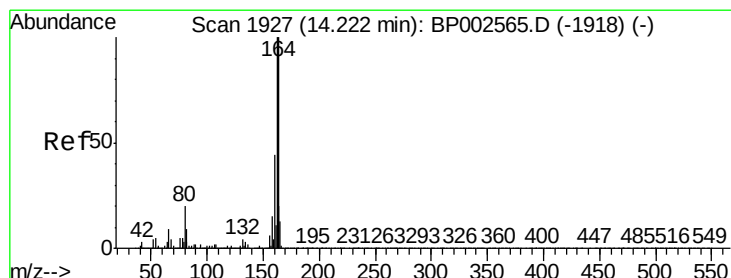
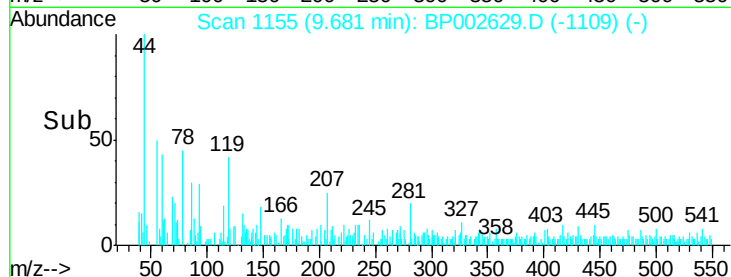
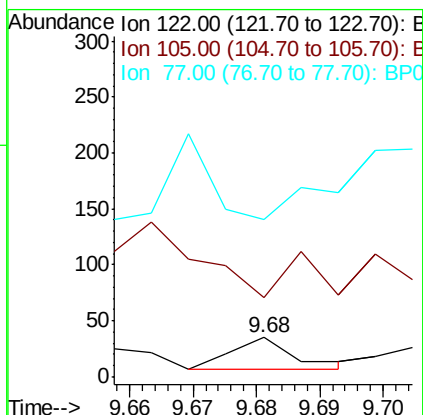
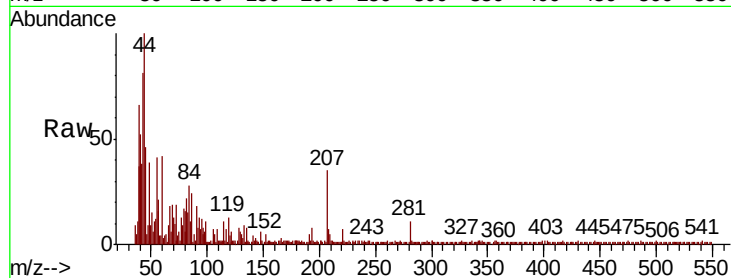




#32
Benzoic acid
Concen: 8.701 ng
RT: 9.68 min Scan# 1155
Delta R.T. -0.03 min
Lab File: BP002629.D
Acq: 02 Jul 2020 14:15

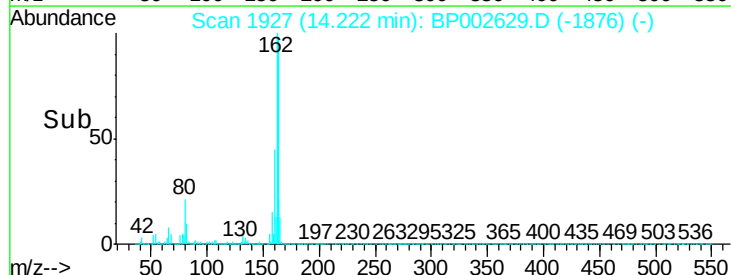
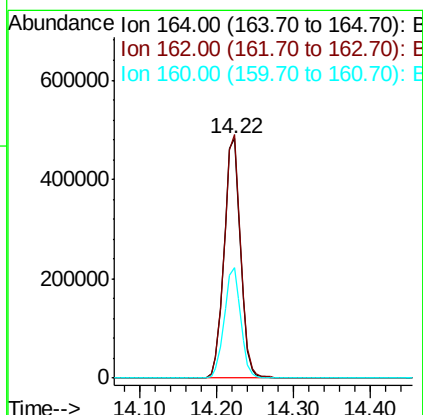
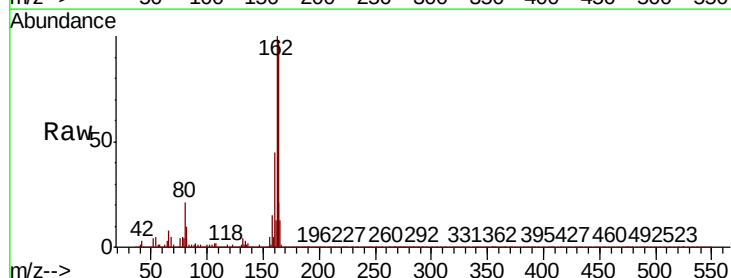
Instrument :
BNA_P
ClientSampleId :
SP2-E

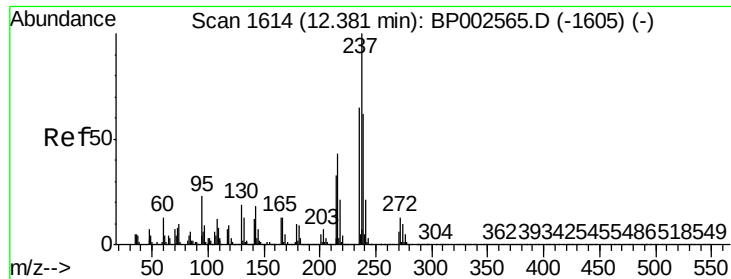
Tot Ion	Ratio	Lower	Upper
122	100		
105	202.9	106.6	146.6#
77	402.9	76.5	116.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1927
Delta R.T. 0.00 min
Lab File: BP002629.D
Acq: 02 Jul 2020 14:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.3	120.5
160	46.1	35.0	52.6

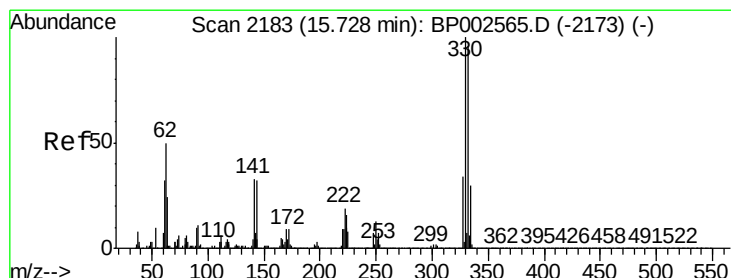
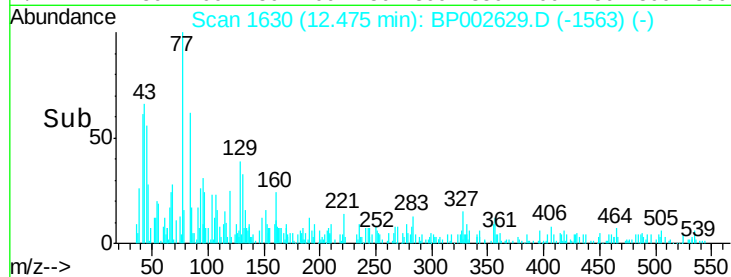
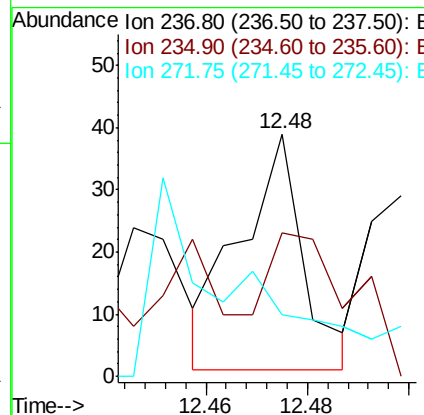
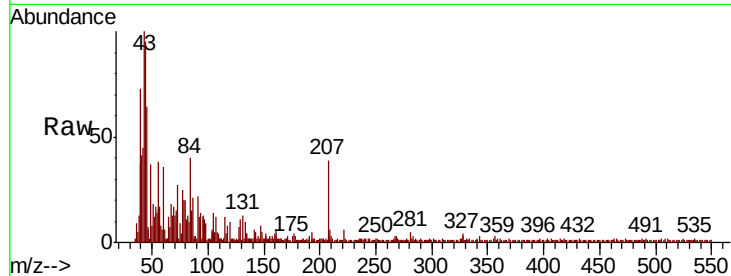




#41
Hexachlorocyclopentadiene
Concen: 4.384 ng
RT: 12.48 min Scan# 1630
Delta R.T. 0.10 min
Lab File: BP002629.D
Acq: 02 Jul 2020 14:15

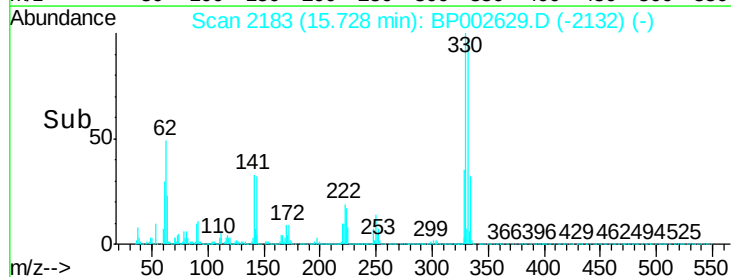
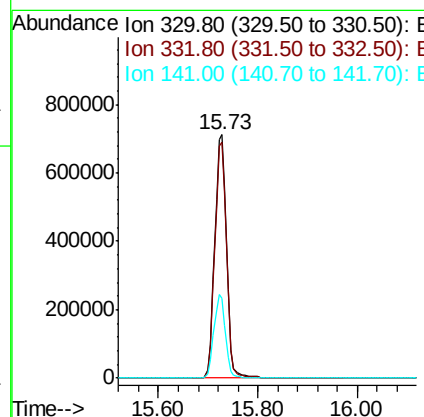
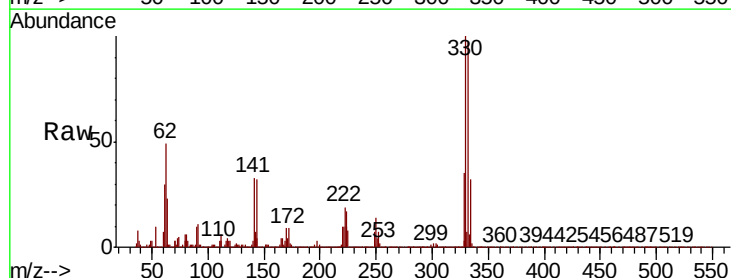
Instrument :
BNA_P
ClientSampled :
SP2-E

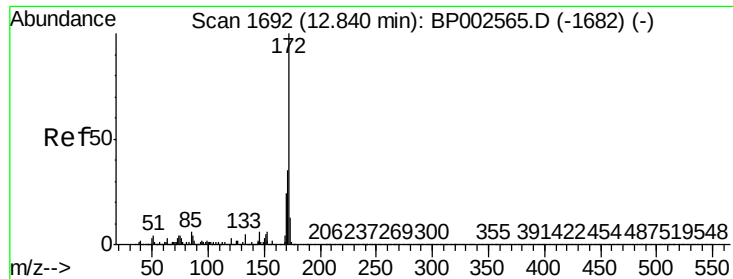
Tot Ion: 237 Resp: 33
Ion Ratio Lower Upper
237 100
235 59.0 45.4 85.4
272 25.6 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 136.199 ng
RT: 15.73 min Scan# 2183
Delta R.T. 0.00 min
Lab File: BP002629.D
Acq: 02 Jul 2020 14:15

Tgt Ion: 330 Resp: 1189338
Ion Ratio Lower Upper
330 100
332 96.5 77.7 116.5
141 34.0 29.0 43.6

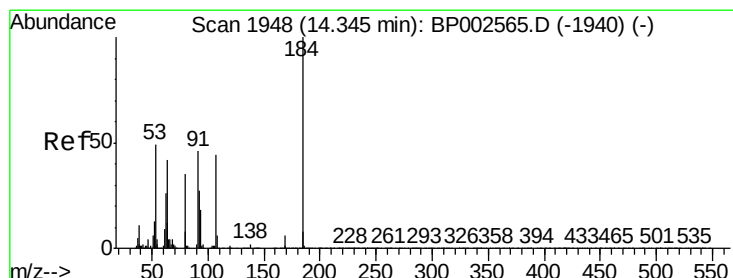
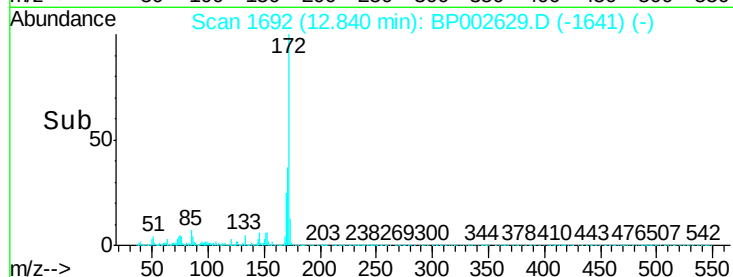
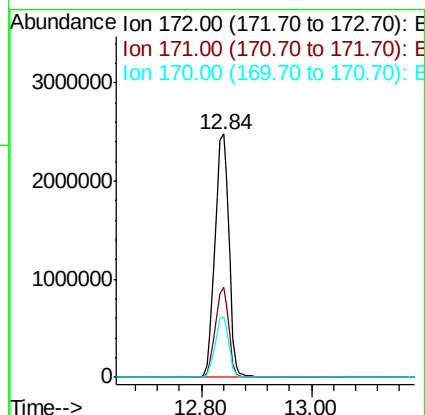
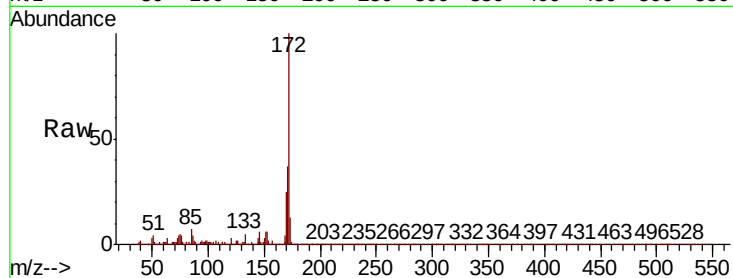




#45
2-Fluorobiphenyl
Concen: 89.669 ng
RT: 12.84 min Scan# 1692
Delta R.T. 0.00 min
Lab File: BP002629.D
Acq: 02 Jul 2020 14:15

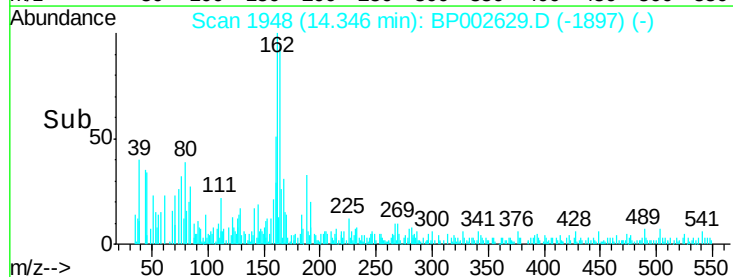
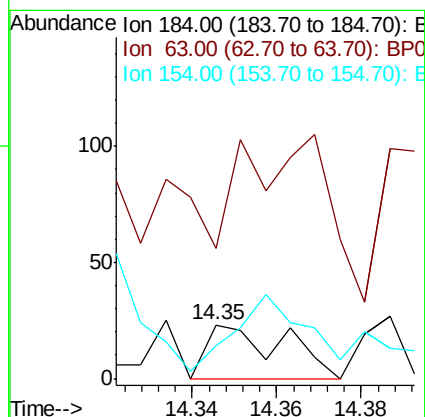
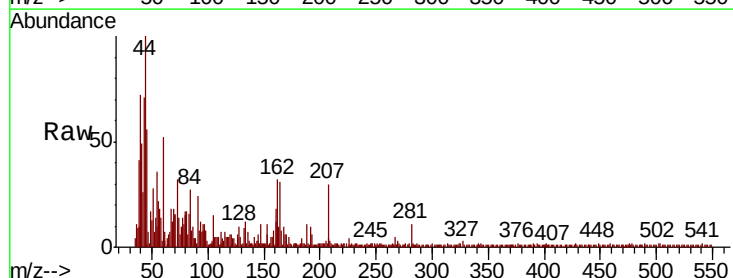
Instrument :
BNA_P
ClientSampleId :
SP2-E

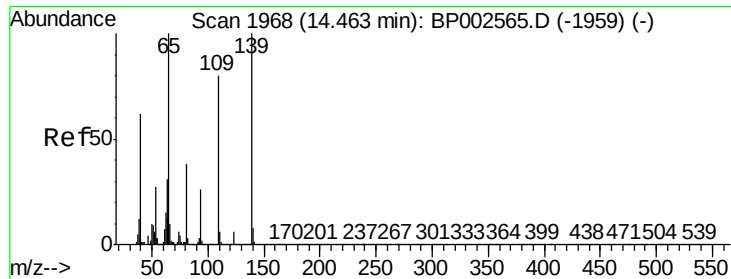
Tot Ion:172 Resp: 4374026
Ion Ratio Lower Upper
172 100
171 36.8 28.0 42.0
170 24.9 19.0 28.4



#54
2,4-Dinitrophenol
Concen: 6.012 ng
RT: 14.35 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BP002629.D
Acq: 02 Jul 2020 14:15

Tgt Ion:184 Resp: 29
Ion Ratio Lower Upper
184 100
63 243.5 56.2 84.2#
154 60.9 50.9 76.3

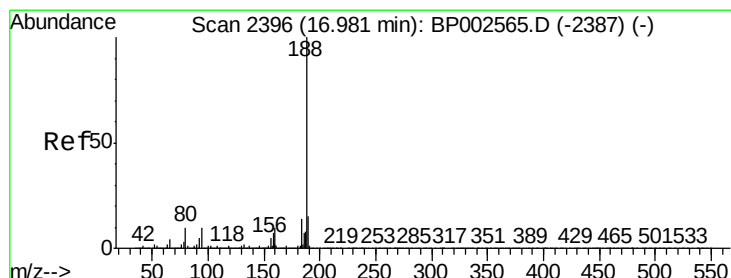
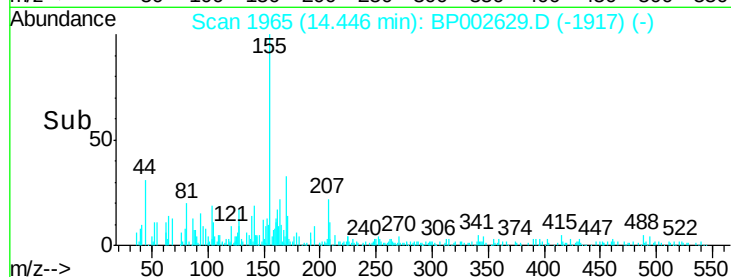
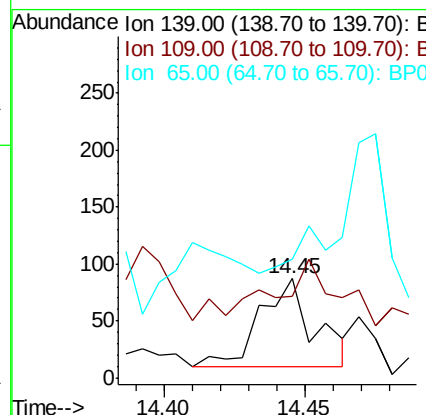
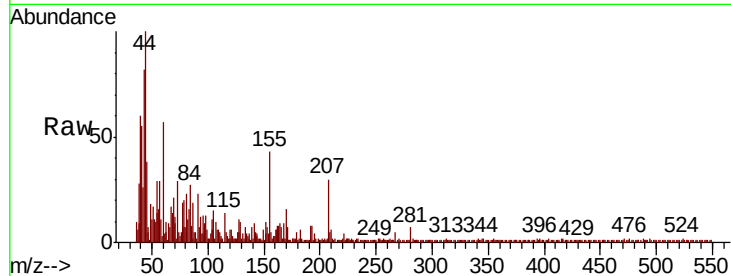




#56
4-Nitrophenol
Concen: 2.445 ng
RT: 14.45 min Scan# 1965
Delta R.T. -0.02 min
Lab File: BP002629.D
Acq: 02 Jul 2020 14:15

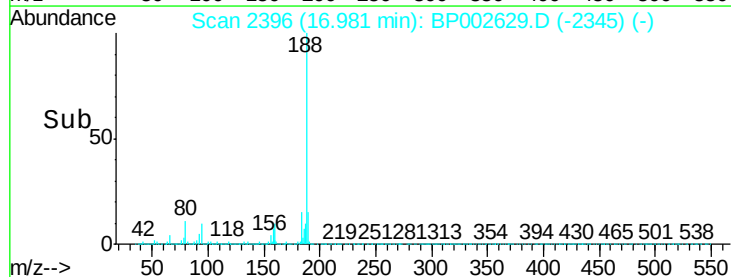
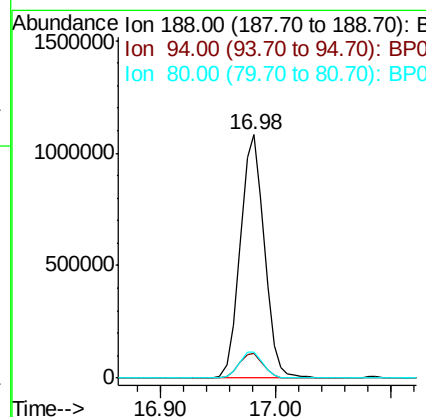
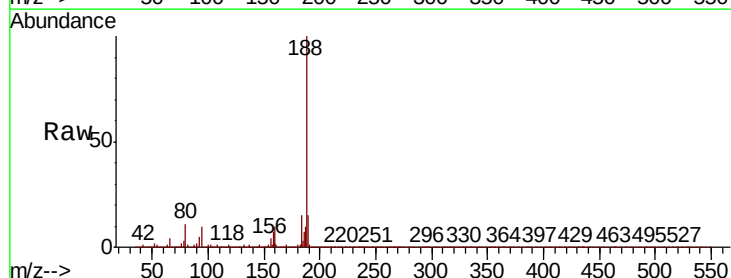
Instrument :
BNA_P
ClientSampled :
SP2-E

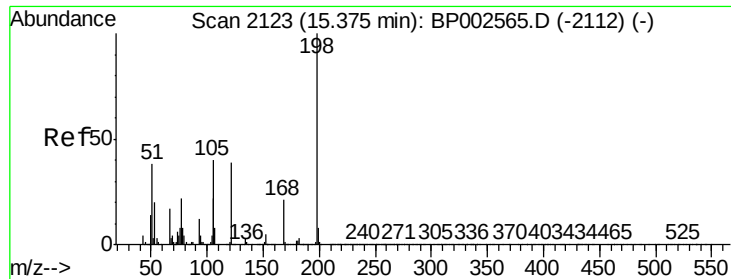
Tot Ion:139 Resp: 102
Ion Ratio Lower Upper
139 100
109 82.8 60.1 100.1
65 119.5 80.3 120.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.98 min Scan# 2396
Delta R.T. 0.00 min
Lab File: BP002629.D
Acq: 02 Jul 2020 14:15

Tgt Ion:188 Resp: 1554462
Ion Ratio Lower Upper
188 100
94 10.0 7.8 11.6
80 10.7 8.2 12.4

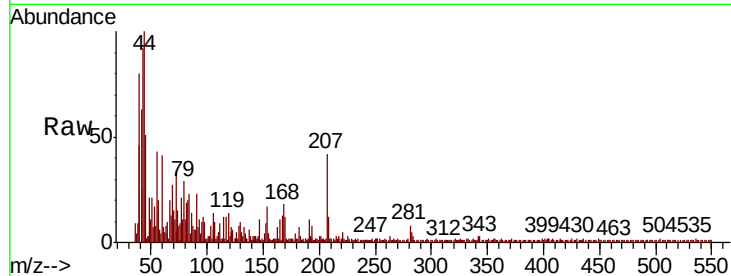




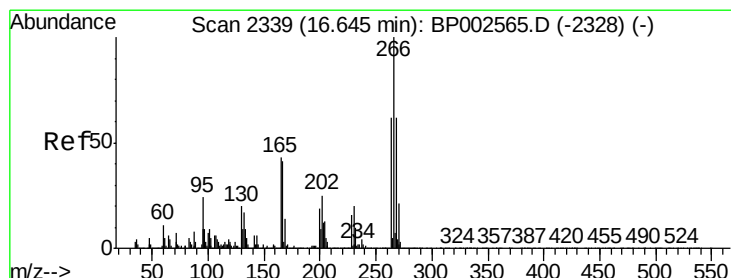
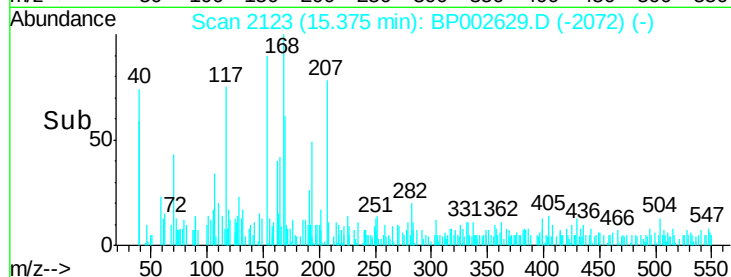
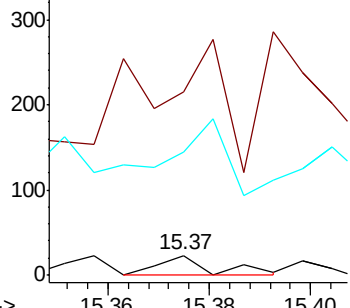
#65
4,6-Dinitro-2-methylphenol
Concen: 2.711 ng
RT: 15.37 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BP002629.D
Acq: 02 Jul 2020 14:15

Instrument :
BNA_P
ClientSampleId :
SP2-E

Tot Ion:198 Resp: 17
Ion Ratio Lower Upper
198 100
51 934.8 24.2 64.2#
105 630.4 20.7 60.7#

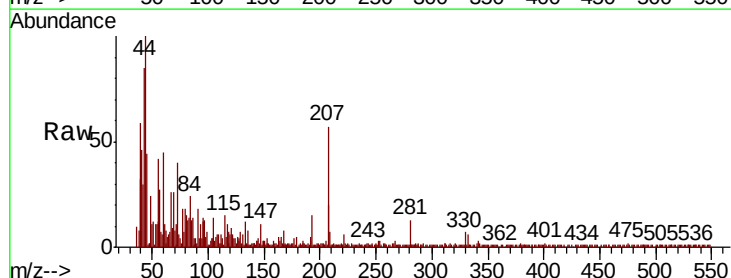


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BP0
Ion 105.00 (104.70 to 105.70): E

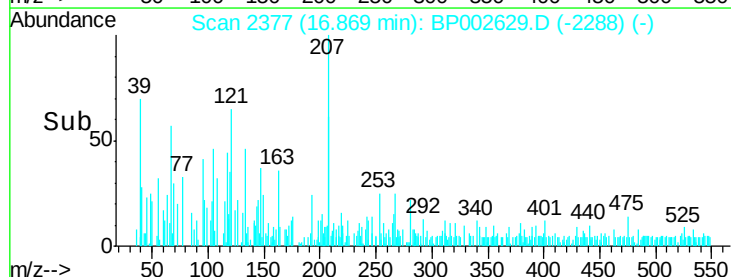
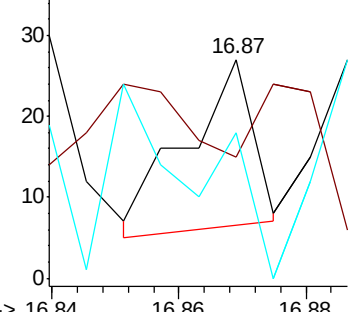


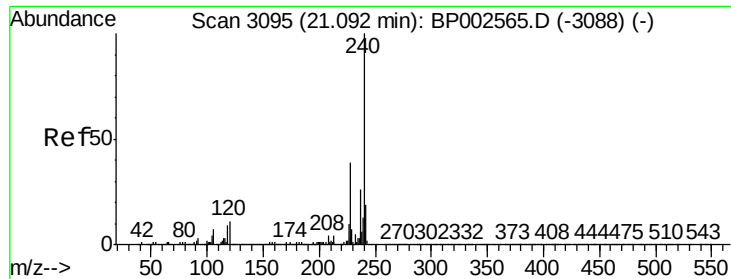
#70
Pentachlorophenol
Concen: 2.663 ng
RT: 16.87 min Scan# 2377
Delta R.T. 0.22 min
Lab File: BP002629.D
Acq: 02 Jul 2020 14:15

Tgt Ion:266 Resp: 15
Ion Ratio Lower Upper
266 100
268 55.6 49.7 74.5
264 66.7 49.3 73.9



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

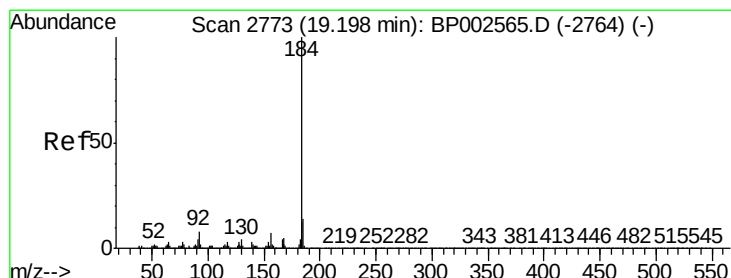
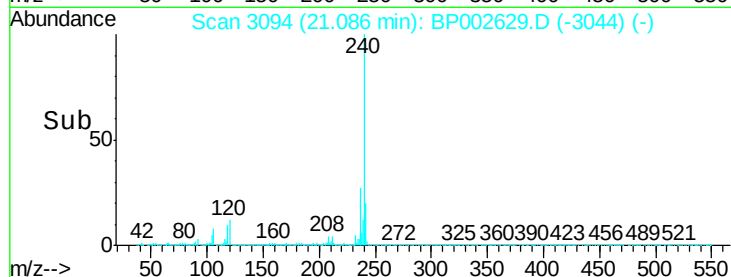
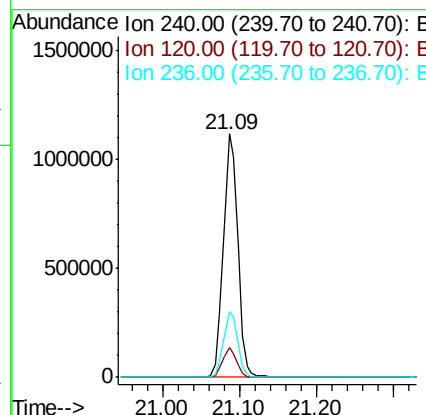
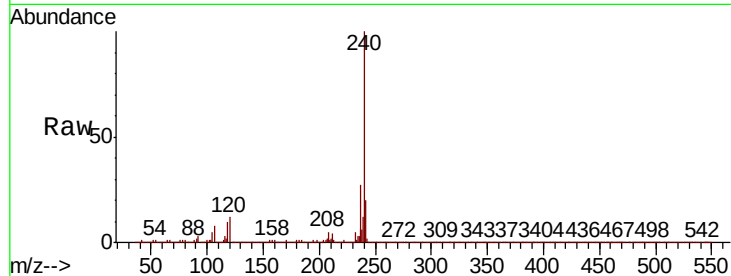




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BP002629.D
Acq: 02 Jul 2020 14:15

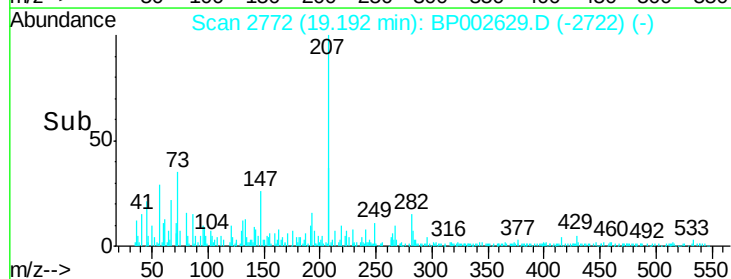
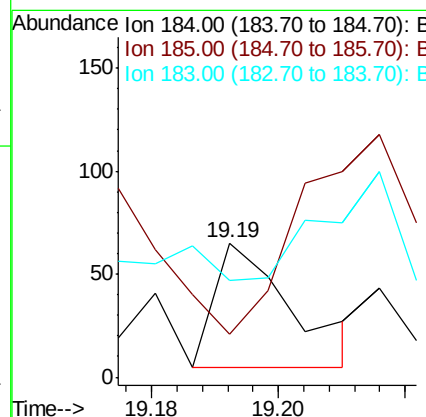
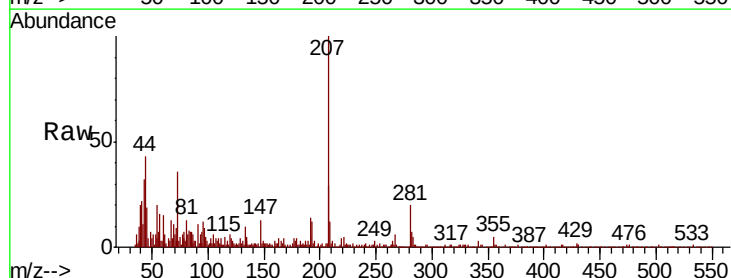
Instrument :
BNA_P
ClientSampleId :
SP2-E

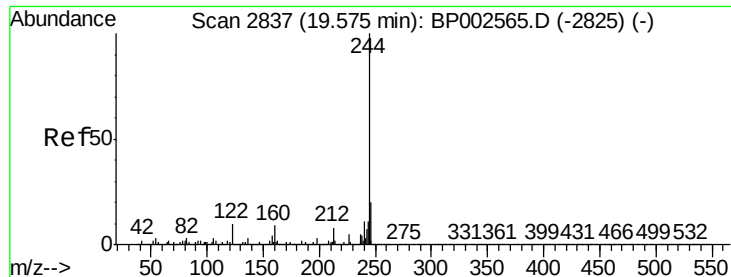
Tot Ion:240 Resp: 1443719
Ion Ratio Lower Upper
240 100
120 12.1 8.6 13.0
236 26.8 20.8 31.2



#77
Benzidine
Concen: 3.757 ng
RT: 19.19 min Scan# 2772
Delta R.T. -0.01 min
Lab File: BP002629.D
Acq: 02 Jul 2020 14:15

Tgt Ion:184 Resp: 50
Ion Ratio Lower Upper
184 100
185 81.5 11.4 17.2#
183 72.3 9.2 13.8#





#79

Terphenyl-d14

Concen: 81.750 ng

RT: 19.57 min Scan# 2837

Delta R.T. 0.00 min

Lab File: BP002629.D

Acq: 02 Jul 2020 14:15

Instrument :

BNA_P

ClientSampled :

SP2-E

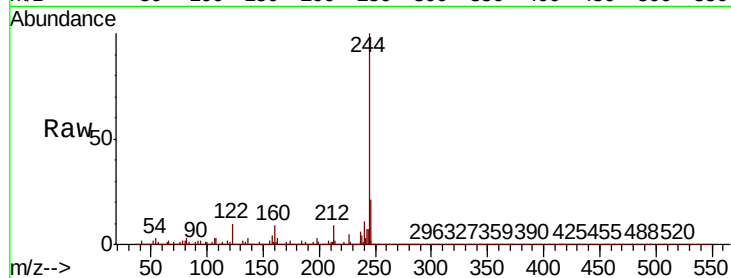
Tot Ion:244 Resp: 5467913

Ion Ratio Lower Upper

244 100

212 9.1 6.5 9.7

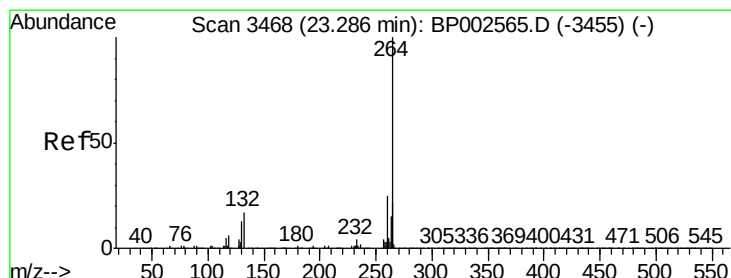
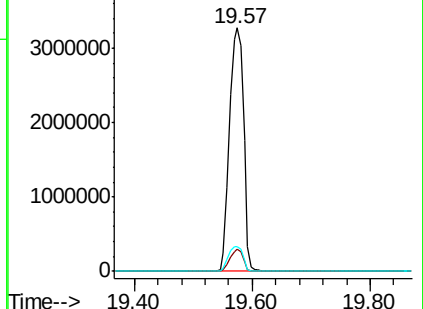
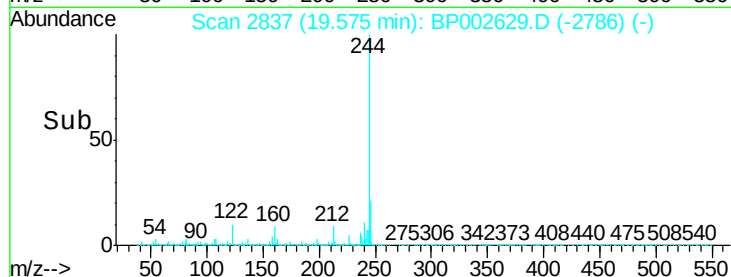
122 10.1 7.9 11.9



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: 23.29 min Scan# 3468

Delta R.T. 0.00 min

Lab File: BP002629.D

Acq: 02 Jul 2020 14:15

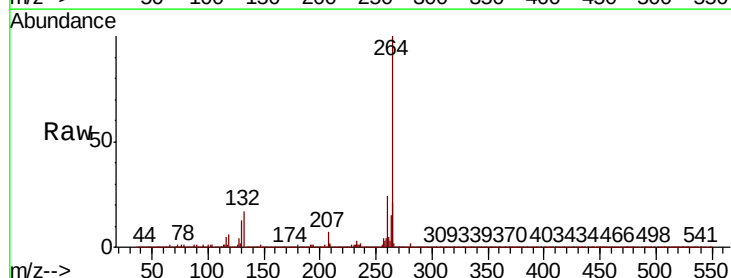
Tgt Ion:264 Resp: 1270906

Ion Ratio Lower Upper

264 100

260 24.2 19.7 29.5

265 21.0 17.6 26.4



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

