

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP063020\
 Data File : BP002575.D
 Acq On : 30 Jun 2020 15:12
 Operator : CG/JU
 Sample : L3153-25
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP2-F

Quant Time: Jun 30 17:16:26 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	7.58	152	54587	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	252489	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	194194	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	524238	20.00	ng	0.00
76) Chrysene-d12	21.09	240	720591	20.00	ng	0.00
86) Perylene-d12	23.28	264	841813	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.19	112	239996	74.44	ng	0.00
7) Phenol-d6	6.76	99	371816	82.63	ng	0.00
23) Nitrobenzene-d5	8.72	82	272276	55.56	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	227609	96.37	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	718604	54.46	ng	0.00
79) Terphenyl-d14	19.57	244	1816043	54.40	ng	0.00

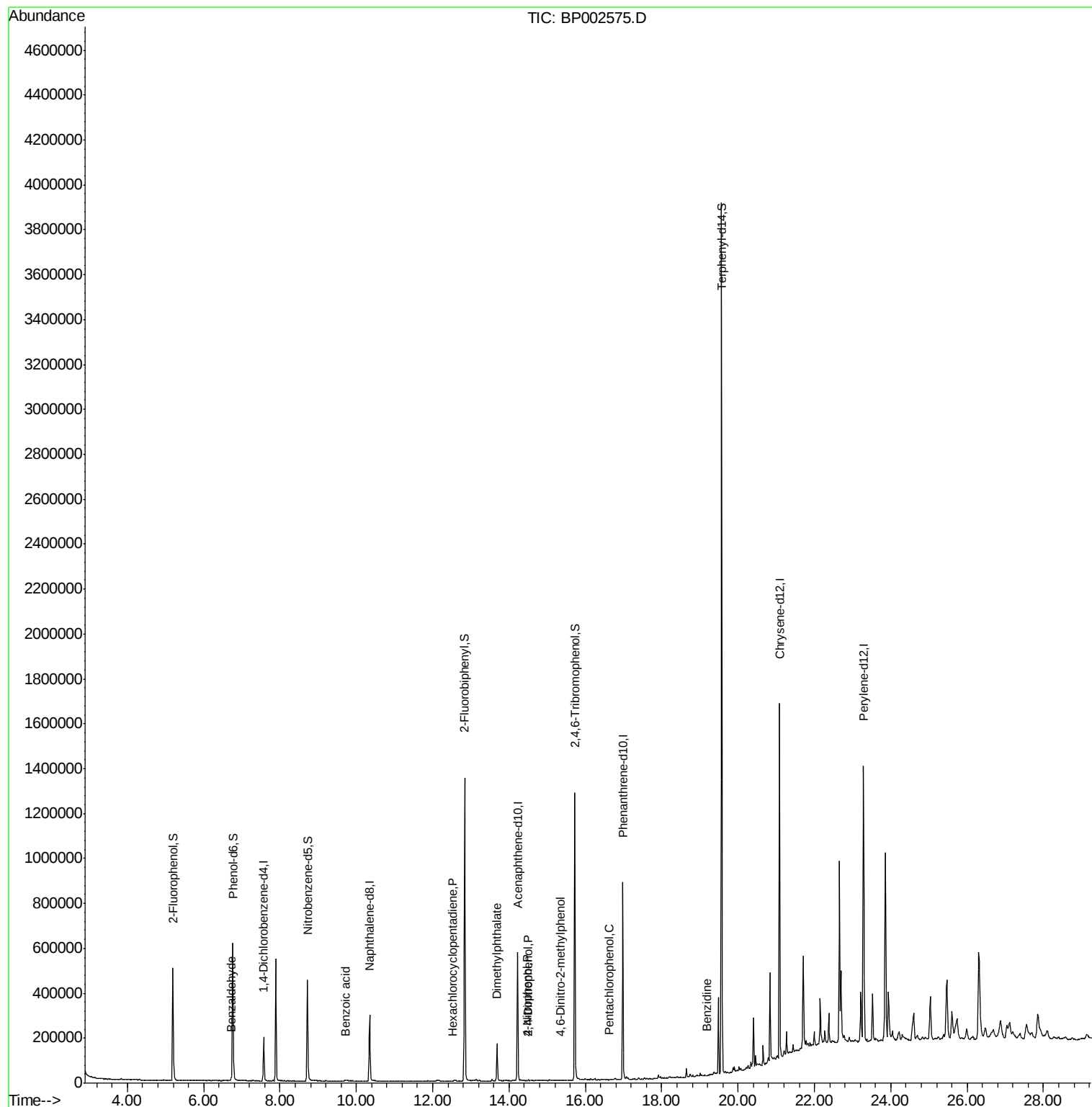
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.72	77	7310	2.342	ng	96
32) Benzoic acid	9.72	122	195	8.756	ng	86
41) Hexachlorocyclopentadiene	12.51	237	22	4.388	ng	93
50) Dimethylphthalate	13.69	163	118711	7.783	ng	99
54) 2,4-Dinitrophenol	14.52	184	8	6.013	ng	88
56) 4-Nitrophenol	14.47	139	13	2.440	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.35	198	20	2.715	ng	# 1
70) Pentachlorophenol	16.63	266	36	2.671	ng	# 83
77) Benzidine	19.19	184	55	3.758	ng	# 21

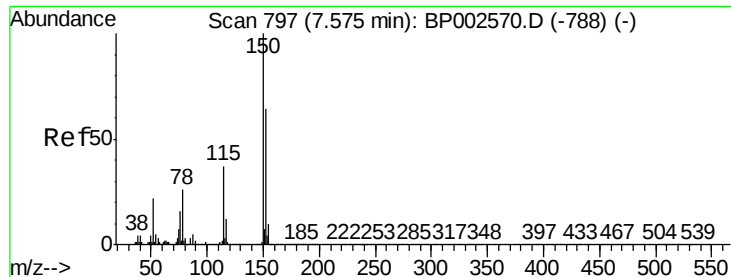
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP063020\
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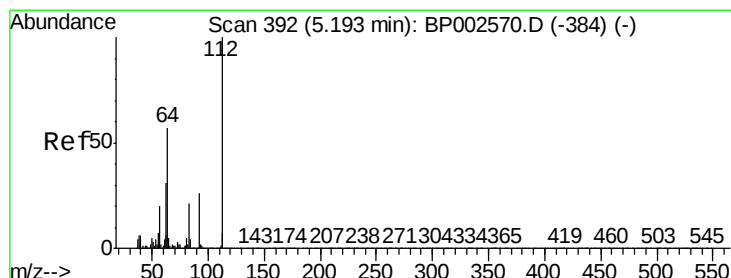
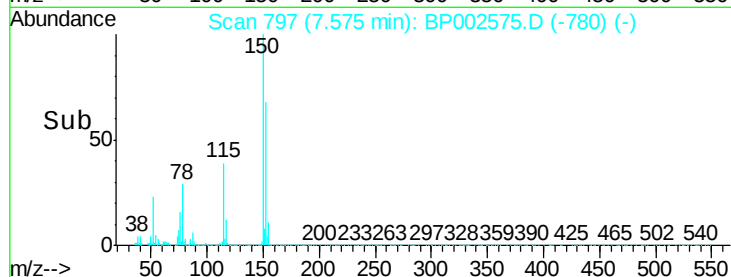
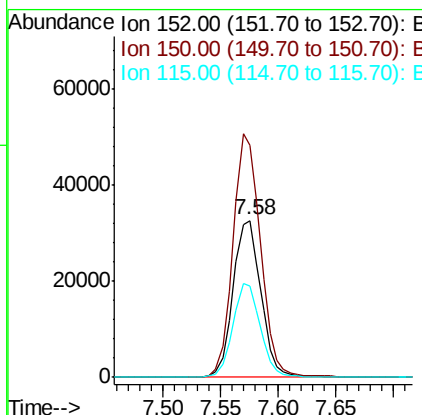
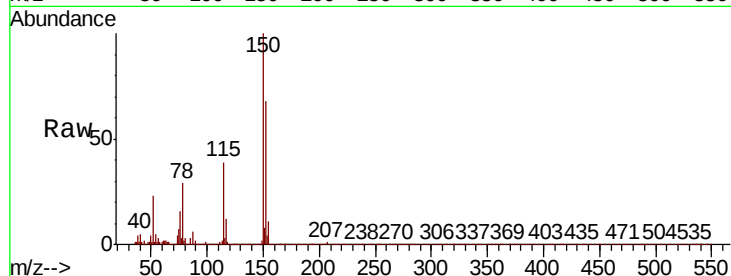


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 797
Delta R.T. 0.00 min
Lab File: BP002575.D
Acq: 30 Jun 2020 15:12

Instrument :
BNA_P
ClientSampleId :
SP2-F

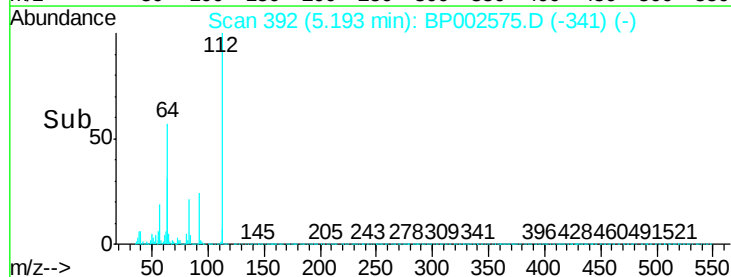
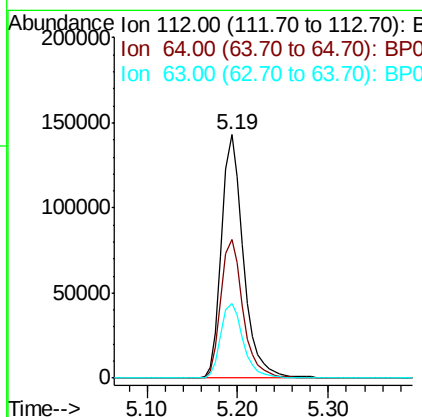
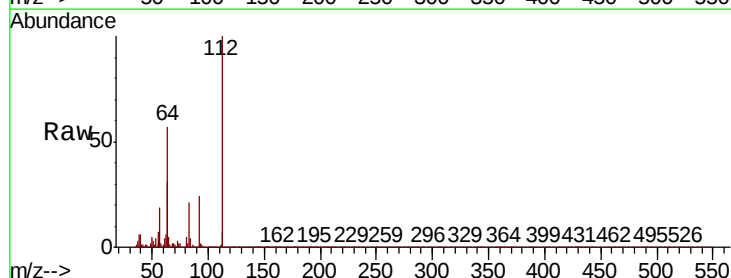
Tot Ion	Ratio	Lower	Upper
152	100		
150	148.0	124.2	186.2
115	57.8	47.1	70.7

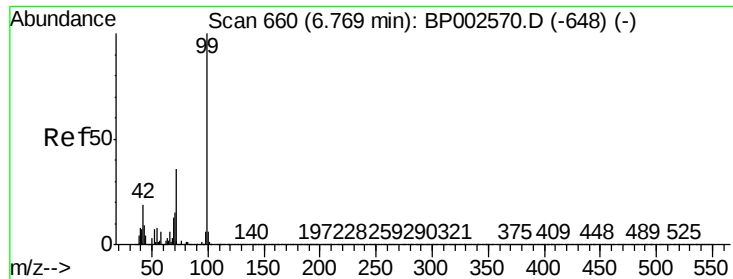


#5

2-Fluorophenol
Concen: 74.439 ng
RT: 5.19 min Scan# 392
Delta R.T. 0.00 min
Lab File: BP002575.D
Acq: 30 Jun 2020 15:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	47.0	70.6
63	30.7	26.1	39.1





#7

Phenol-d6

Concen: 82.627 ng

RT: 6.76 min Scan# 659

Delta R.T. -0.01 min

Lab File: BP002575.D

Acq: 30 Jun 2020 15:12

Instrument :

BNA_P

ClientSampled :

SP2-F

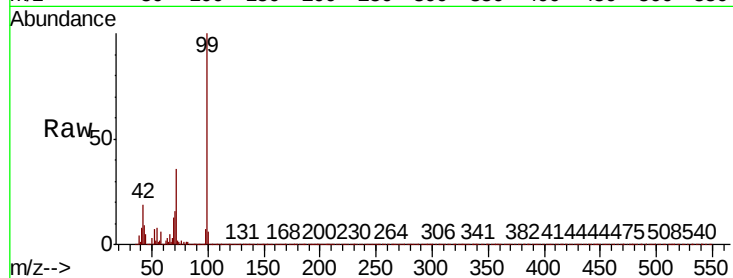
Tot Ion: 99 Resp: 371816

Ion Ratio Lower Upper

99 100

42 19.2 15.5 23.3

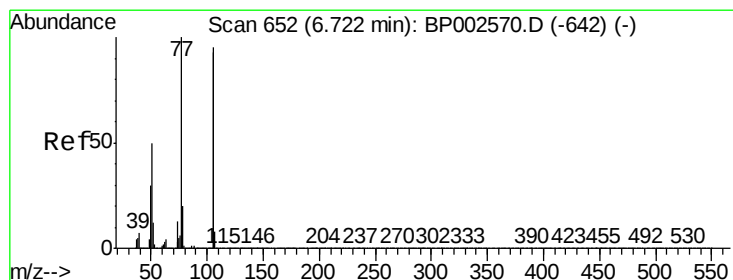
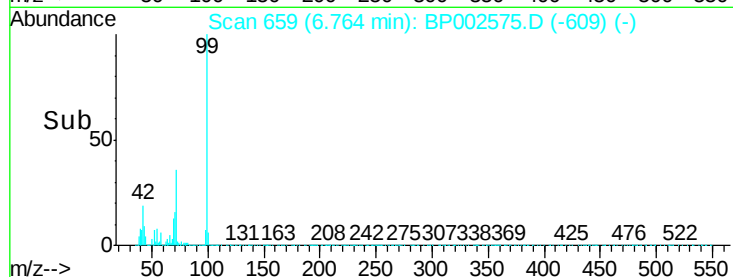
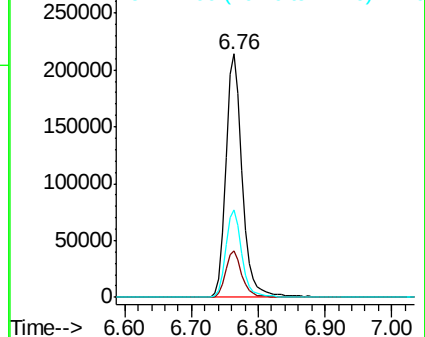
71 35.7 28.9 43.3



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



#9

Benzaldehyde

Concen: 2.342 ng

RT: 6.72 min Scan# 652

Delta R.T. 0.01 min

Lab File: BP002575.D

Acq: 30 Jun 2020 15:12

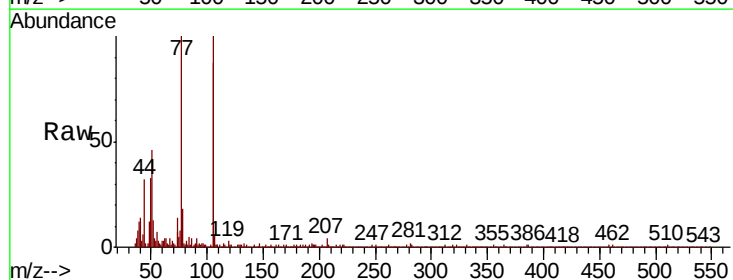
Tgt Ion: 77 Resp: 7310

Ion Ratio Lower Upper

77 100

105 99.6 76.5 116.5

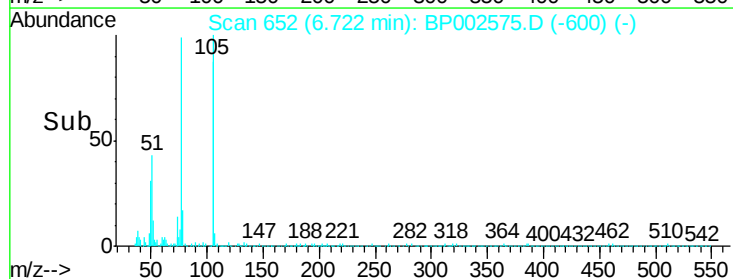
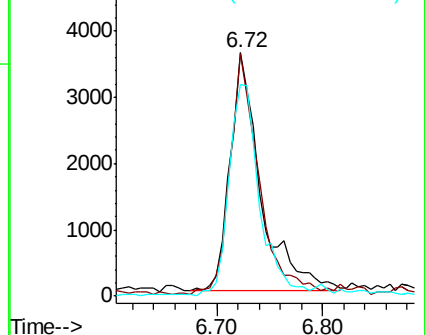
106 86.9 70.9 110.9

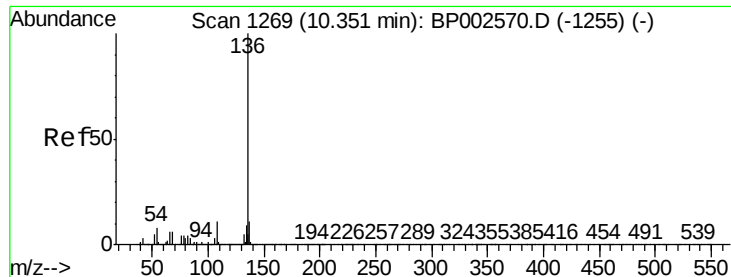


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

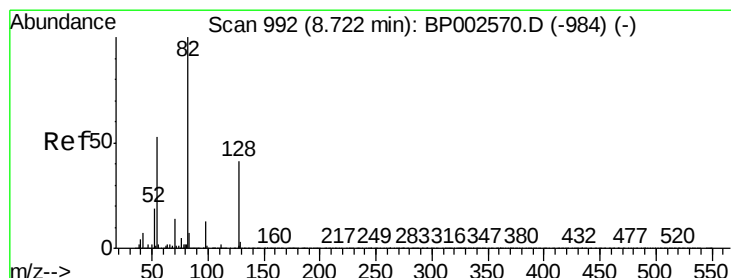
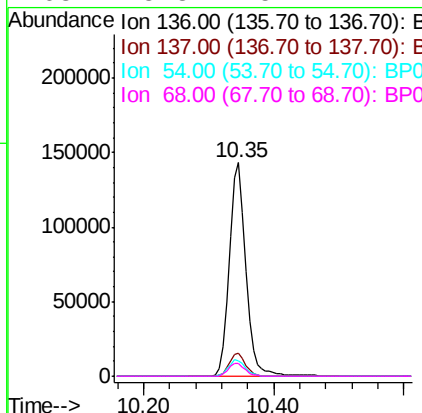
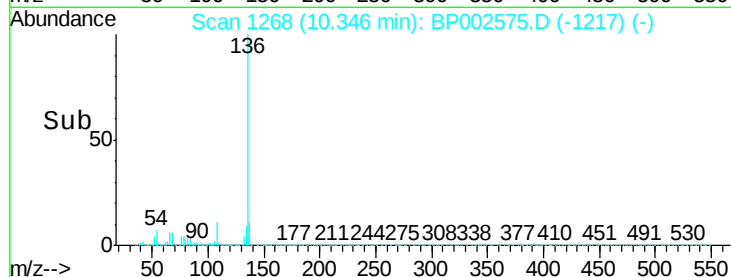
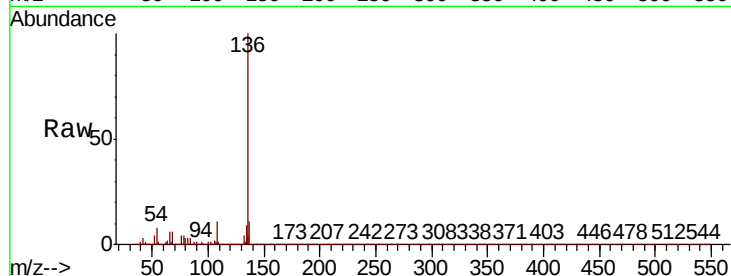




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BP002575.D
Acq: 30 Jun 2020 15:12

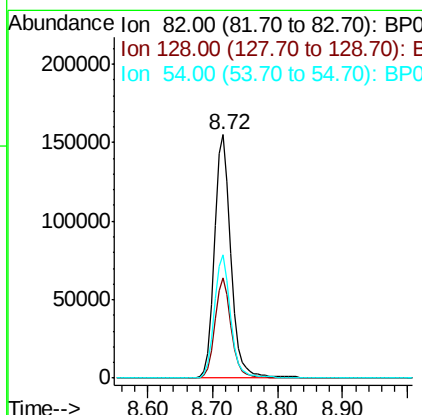
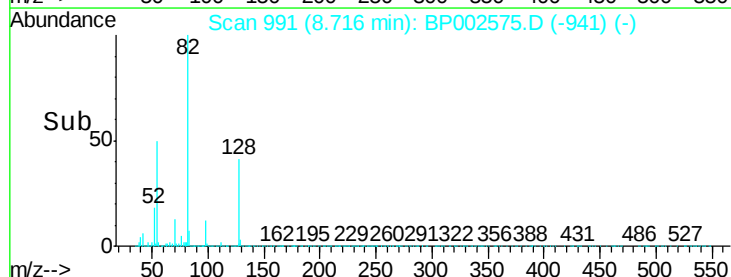
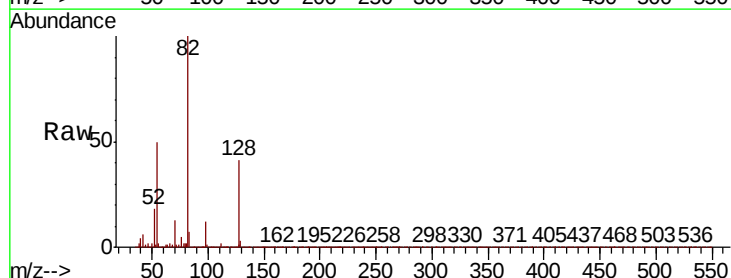
Instrument :
BNA_P
ClientSampleId :
SP2-F

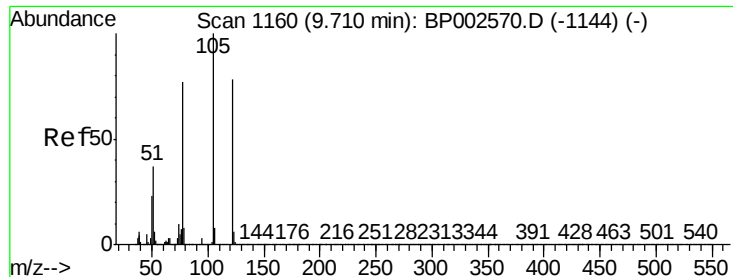
Tot Ion:136	Resp:	252489	
Ion Ratio	Lower	Upper	
136 100			
137 10.6	8.8	13.2	
54 7.5	6.4	9.6	
68 5.8	5.1	7.7	



#23
Nitrobenzene-d5
Concen: 55.563 ng
RT: 8.72 min Scan# 991
Delta R.T. -0.01 min
Lab File: BP002575.D
Acq: 30 Jun 2020 15:12

Tgt Ion: 82	Resp: 272276
Ion Ratio	Lower Upper
82 100	
128 41.0	33.4 50.2
54 50.4	40.1 60.1

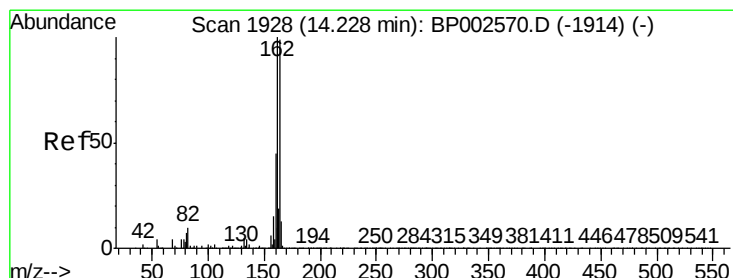
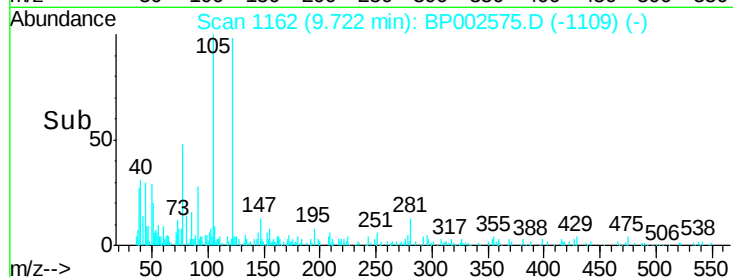
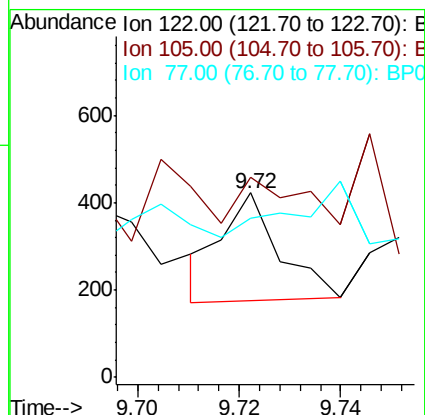
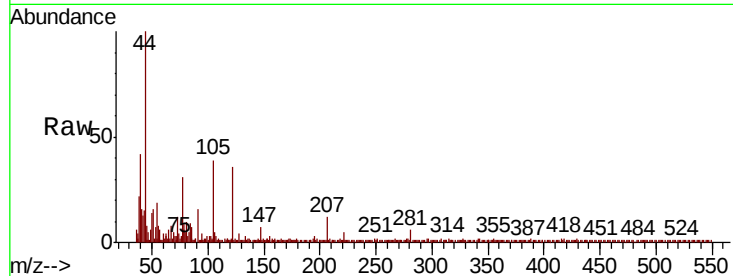




#32
Benzoic acid
Concen: 8.756 ng
RT: 9.72 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BP002575.D
Acq: 30 Jun 2020 15:12

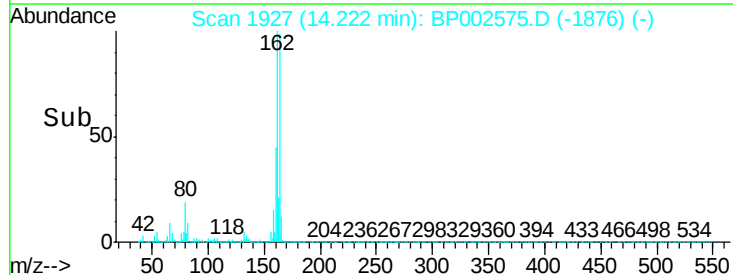
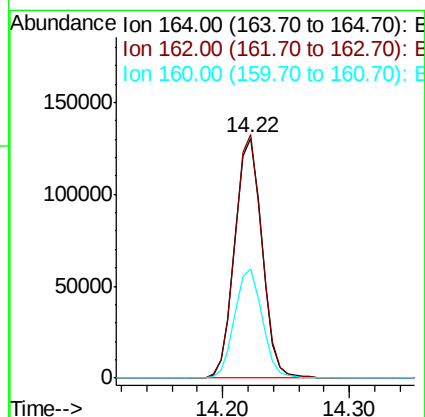
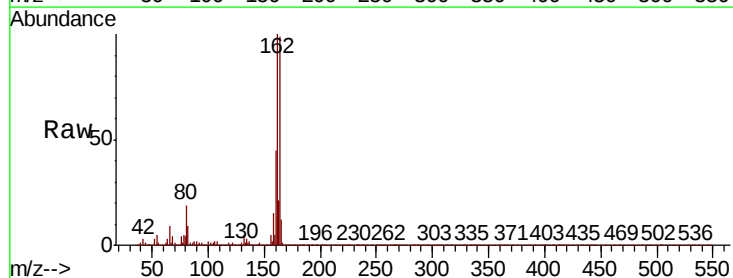
Instrument :
BNA_P
ClientSampleId :
SP2-F

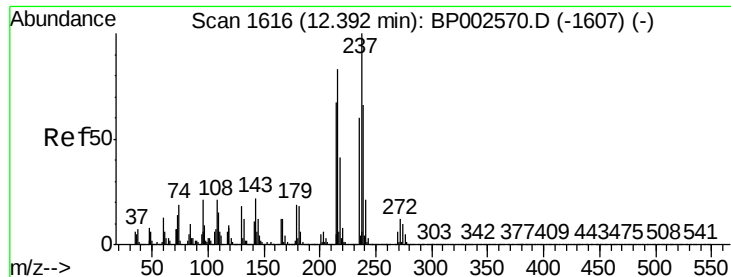
Tot Ion	Ratio	Lower	Upper
122	100		
105	108.0	106.6	146.6
77	86.1	76.5	116.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1927
Delta R.T. 0.00 min
Lab File: BP002575.D
Acq: 30 Jun 2020 15:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.3	120.5
160	45.7	35.0	52.6





#41

Hexachlorocyclopentadiene

Concen: 4.388 ng

RT: 12.51 min Scan# 1636

Delta R.T. 0.13 min

Lab File: BP002575.D

Acq: 30 Jun 2020 15:12

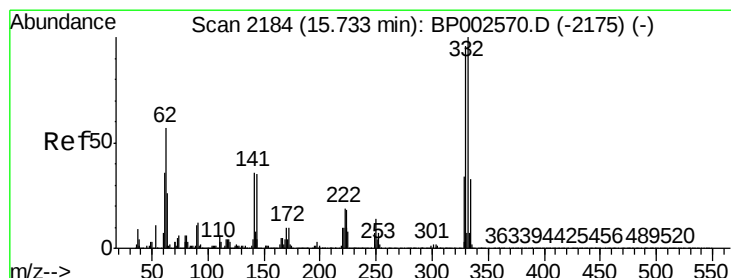
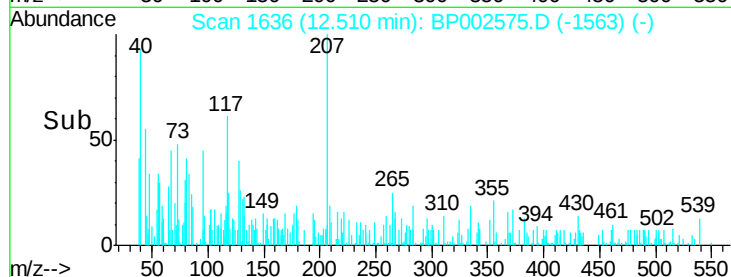
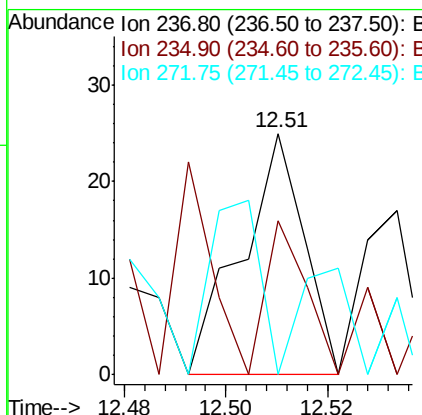
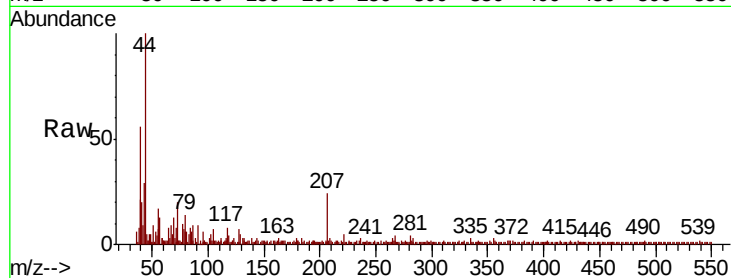
Instrument :

BNA_P

ClientSampleId :

SP2-F

Tot Ion:	237	Resp:	22
Ion	Ratio	Lower	Upper
237	100		
235	64.0	45.4	85.4
272	0.0	0.0	32.6



#42

2,4,6-Tribromophenol

Concen: 96.365 ng

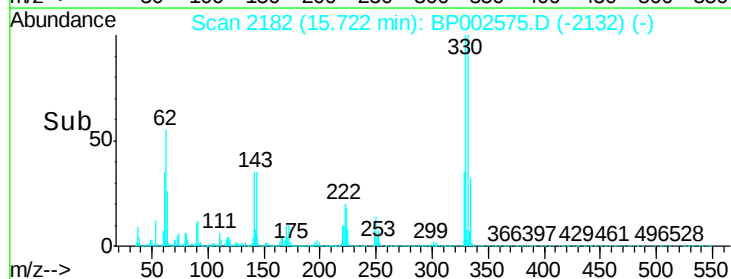
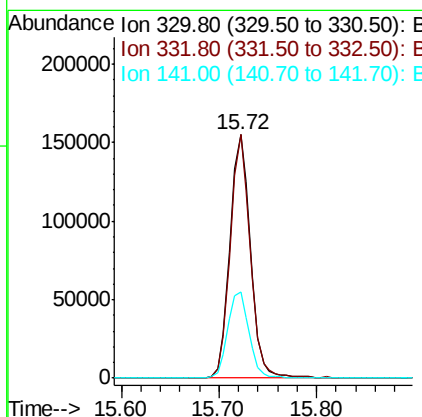
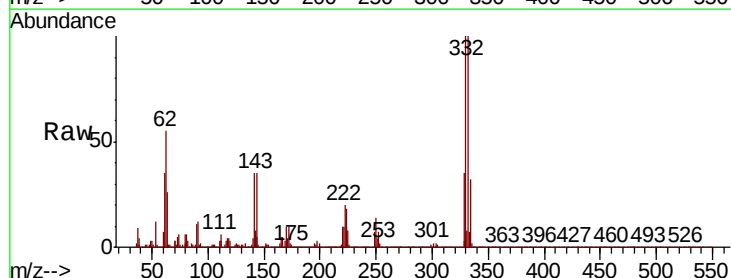
RT: 15.72 min Scan# 2182

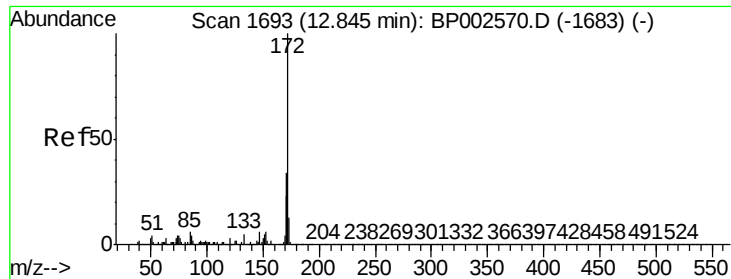
Delta R.T. -0.01 min

Lab File: BP002575.D

Acq: 30 Jun 2020 15:12

Tgt Ion:	330	Resp:	227609
Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.7	116.5
141	36.7	29.0	43.6

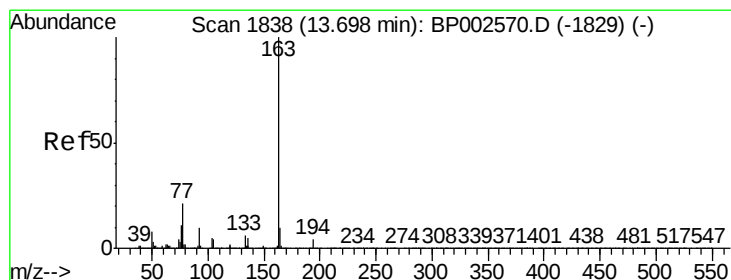
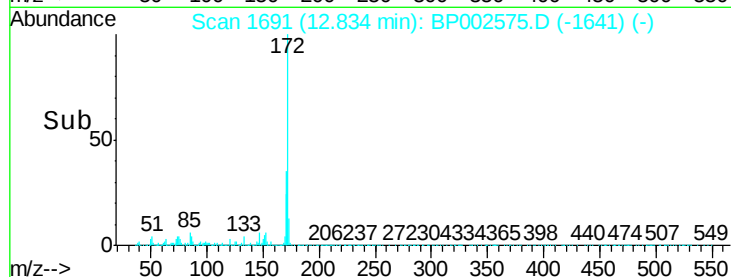
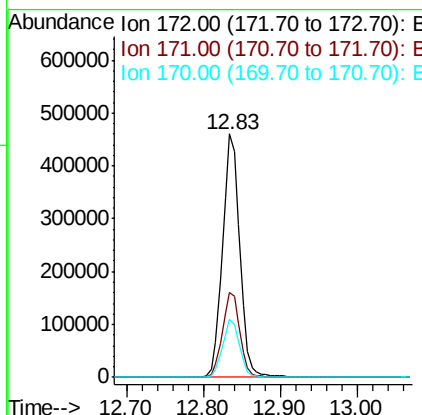
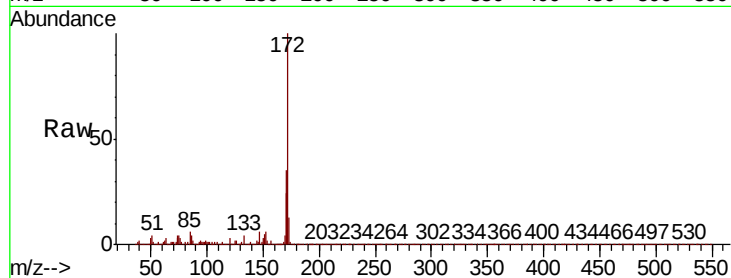




#45
2-Fluorobiphenyl
Concen: 54.464 ng
RT: 12.83 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BP002575.D
Acq: 30 Jun 2020 15:12

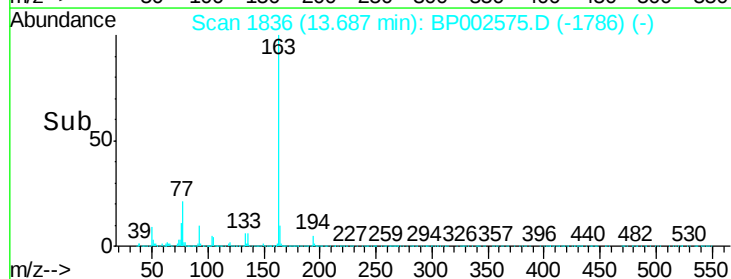
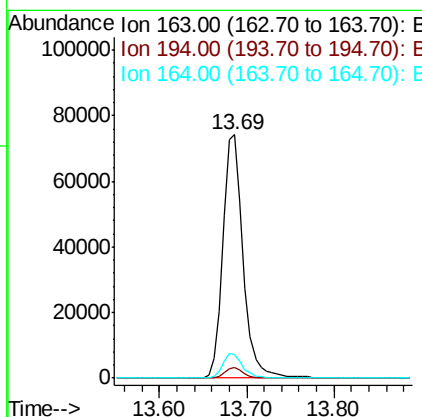
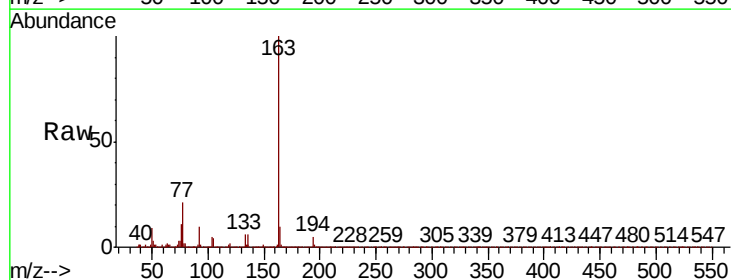
Instrument :
BNA_P
ClientSampleId :
SP2-F

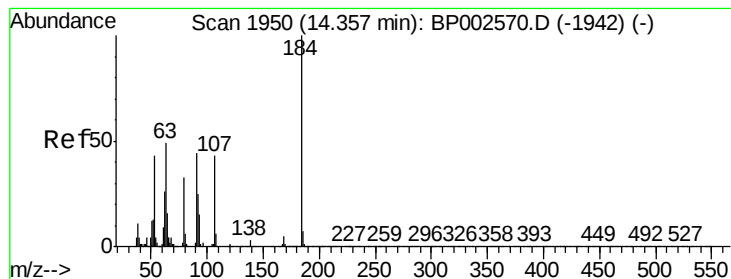
Tot Ion:172 Resp: 718604
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 23.7 19.0 28.4



#50
Dimethylphthalate
Concen: 7.783 ng
RT: 13.69 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BP002575.D
Acq: 30 Jun 2020 15:12

Tgt Ion:163 Resp: 118711
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.0
164 9.9 8.2 12.4





#54

2,4-Dinitrophenol

Concen: 6.013 ng

RT: 14.52 min Scan# 1977

Delta R.T. 0.17 min

Lab File: BP002575.D

Acq: 30 Jun 2020 15:12

Instrument :

BNA_P

ClientSampleId :

SP2-F

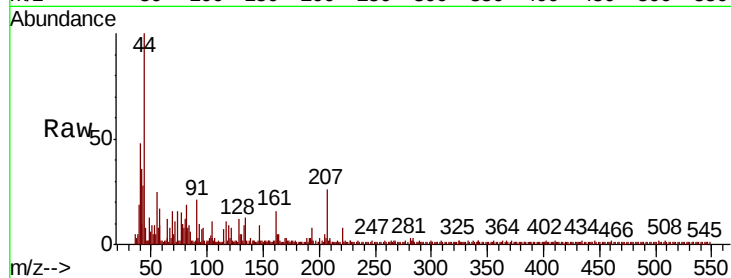
Tot Ion:184 Resp: 8

Ion Ratio Lower Upper

184 100

63 82.6 56.2 84.2

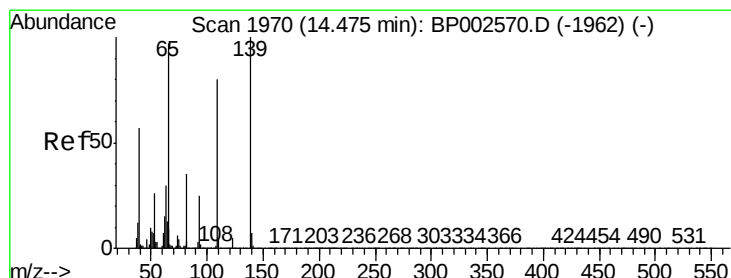
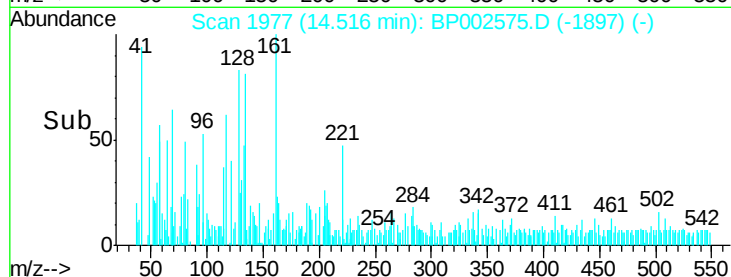
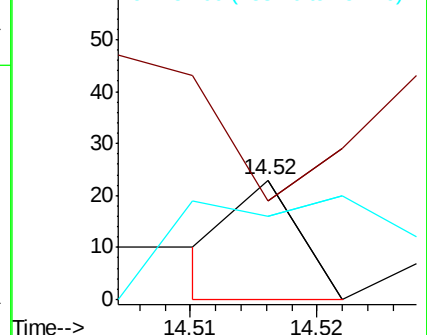
154 69.6 50.9 76.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E



#56

4-Nitrophenol

Concen: 2.440 ng

RT: 14.47 min Scan# 1969

Delta R.T. 0.01 min

Lab File: BP002575.D

Acq: 30 Jun 2020 15:12

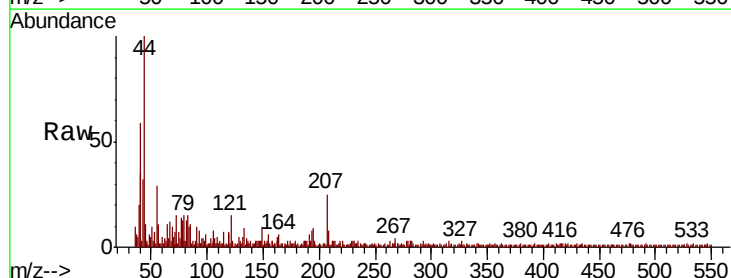
Tgt Ion:139 Resp: 13

Ion Ratio Lower Upper

139 100

109 250.0 60.1 100.1#

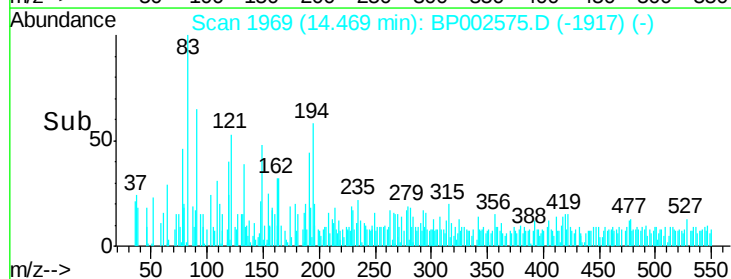
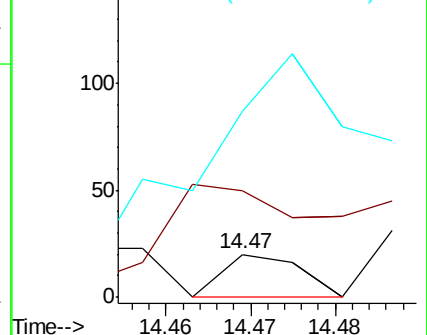
65 435.0 80.3 120.3#

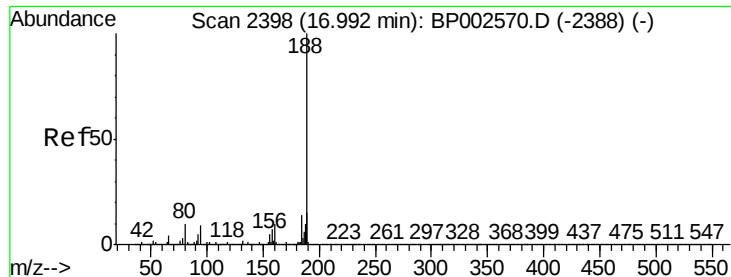


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0

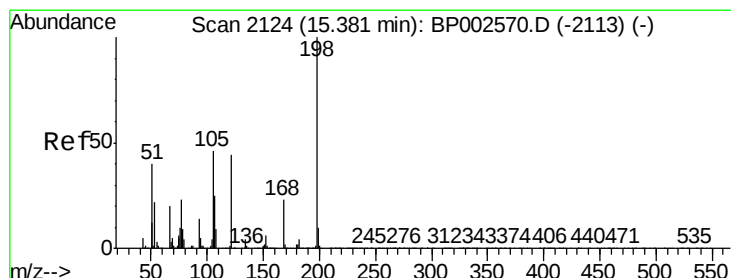
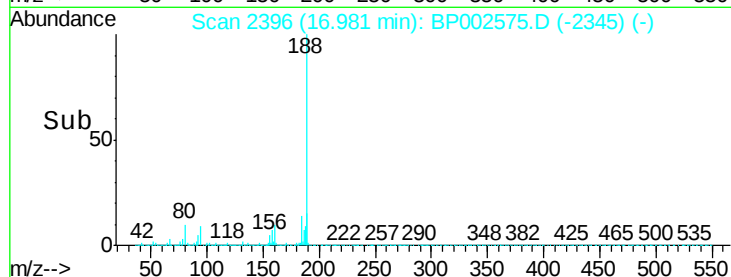
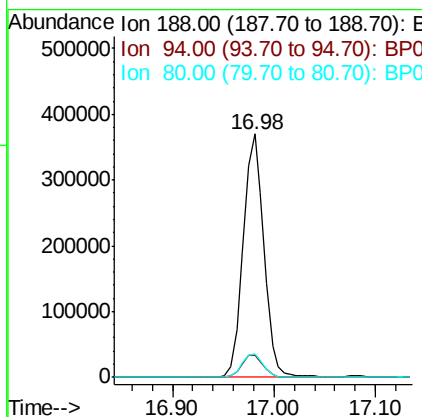
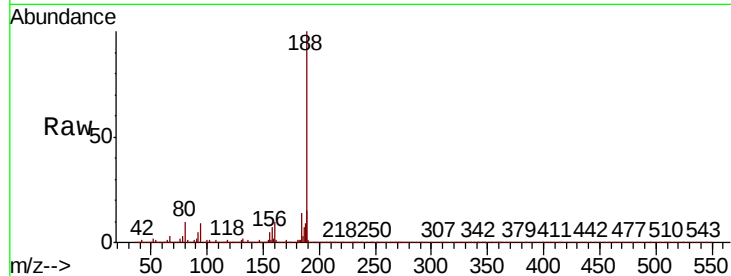




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.98 min Scan# 2396
Delta R.T. 0.00 min
Lab File: BP002575.D
Acq: 30 Jun 2020 15:12

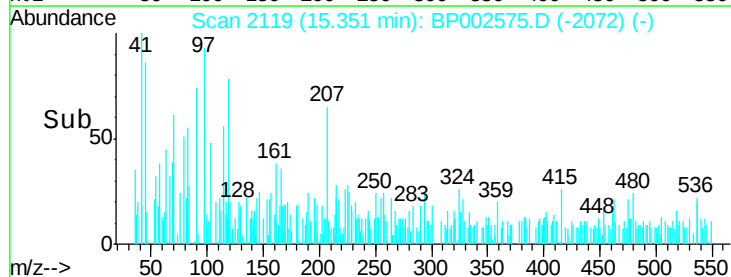
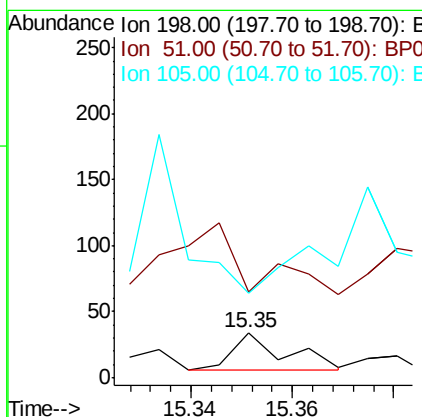
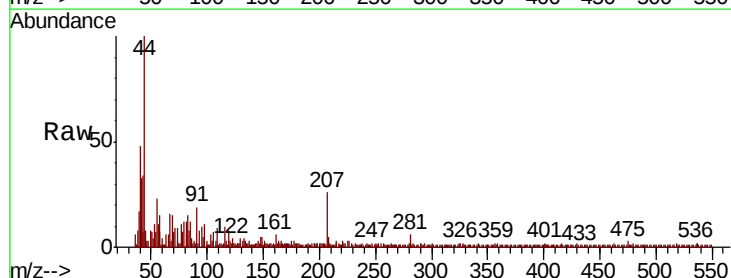
Instrument :
BNA_P
ClientSampled :
SP2-F

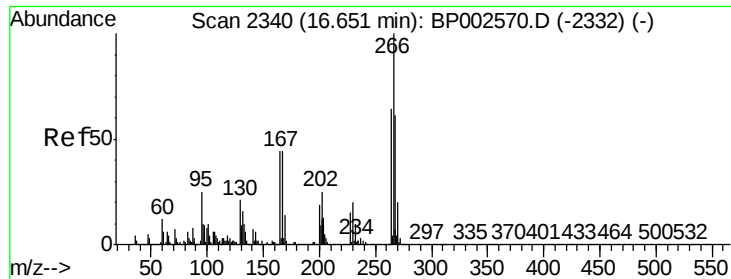
Tot Ion:188 Resp: 524238
Ion Ratio Lower Upper
188 100
94 9.0 7.8 11.6
80 9.7 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 2.715 ng
RT: 15.35 min Scan# 2119
Delta R.T. -0.02 min
Lab File: BP002575.D
Acq: 30 Jun 2020 15:12

Tgt Ion:198 Resp: 20
Ion Ratio Lower Upper
198 100
51 191.2 24.2 64.2#
105 188.2 20.7 60.7#





#70

Pentachlorophenol

Concen: 2.671 ng

RT: 16.63 min Scan# 2336

Delta R.T. -0.02 min

Lab File: BP002575.D

Acq: 30 Jun 2020 15:12

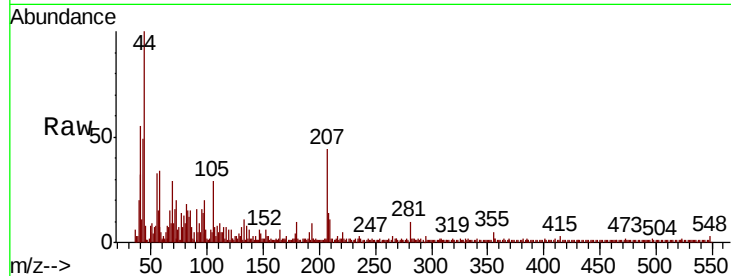
Instrument :

BNA_P

ClientSampleId :

SP2-F

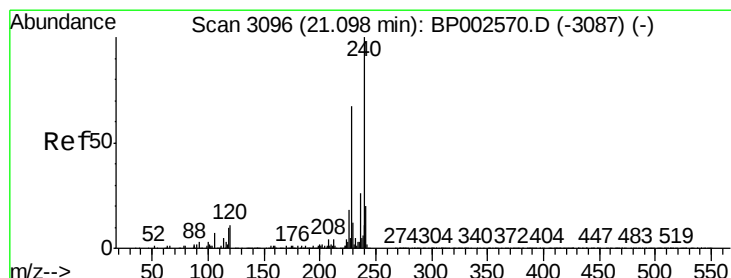
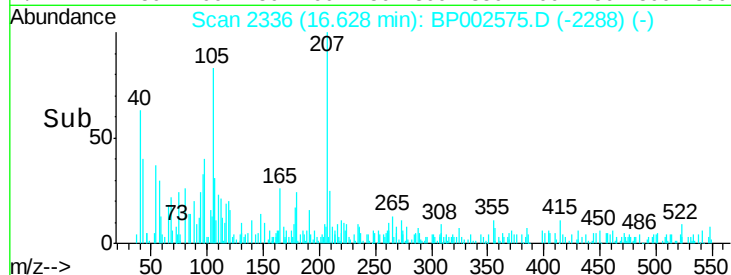
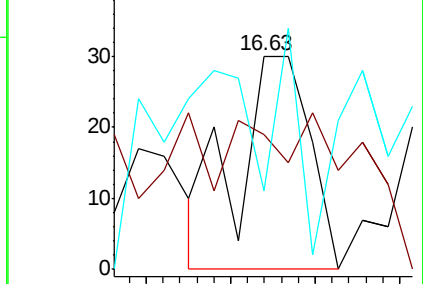
Tot Ion:	266	Resp:	36
Ion	Ratio	Lower	Upper
266	100		
268	63.3	49.7	74.5
264	36.7	49.3	73.9#



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

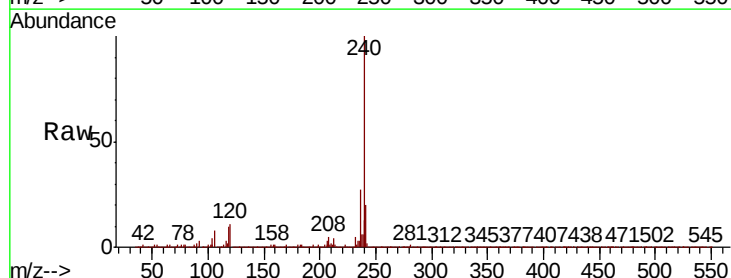
RT: 21.09 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BP002575.D

Acq: 30 Jun 2020 15:12

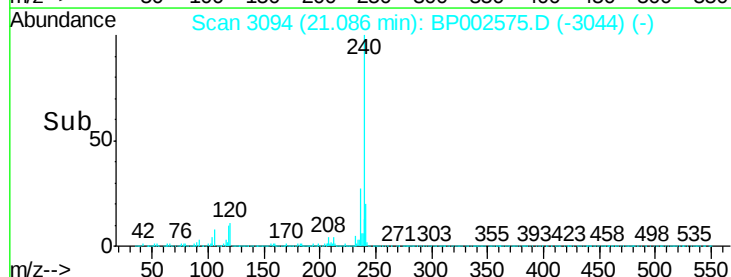
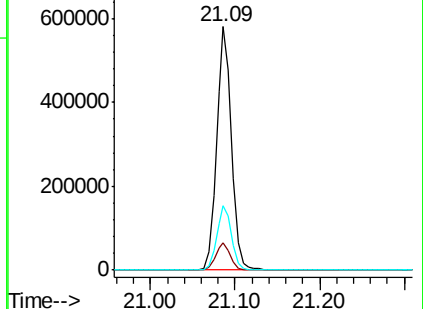
Tgt Ion:	240	Resp:	720591
Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.6	13.0
236	26.5	20.8	31.2

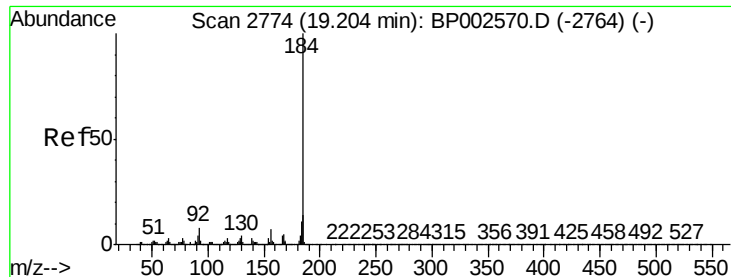


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 3.758 ng

RT: 19.19 min Scan# 2772

Delta R.T. -0.01 min

Lab File: BP002575.D

Acq: 30 Jun 2020 15:12

Instrument :

BNA_P

ClientSampleId :

SP2-F

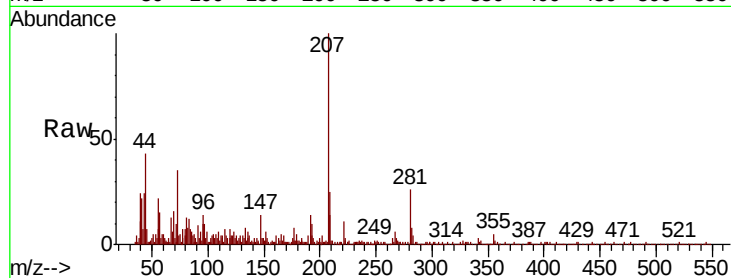
Tot Ion:184 Resp: 55

Ion Ratio Lower Upper

184 100

185 26.3 11.4 17.2#

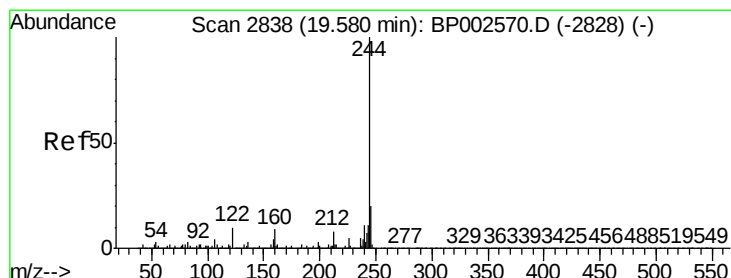
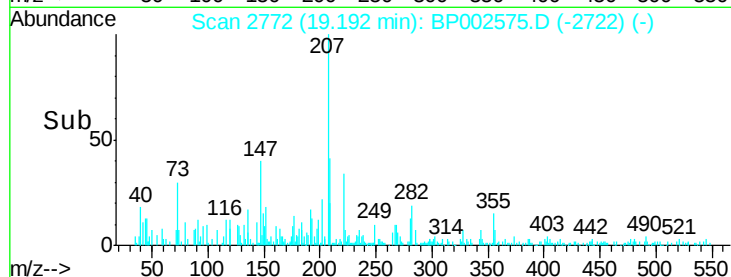
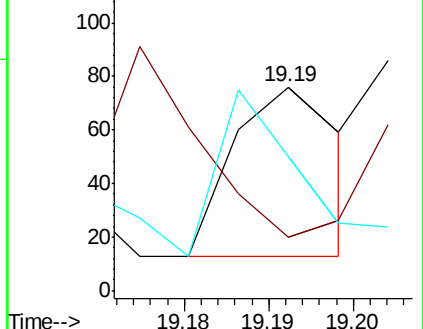
183 65.8 9.2 13.8#



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



#79

Terphenyl-d14

Concen: 54.398 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BP002575.D

Acq: 30 Jun 2020 15:12

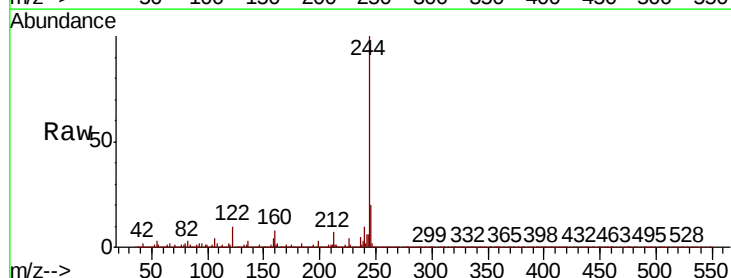
Tgt Ion:244 Resp: 1816043

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

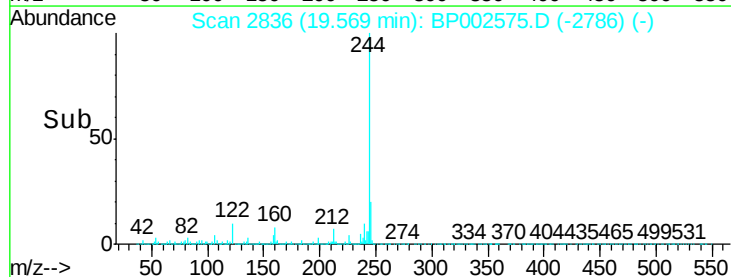
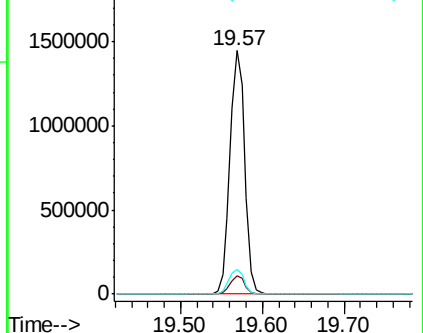
122 10.2 7.9 11.9

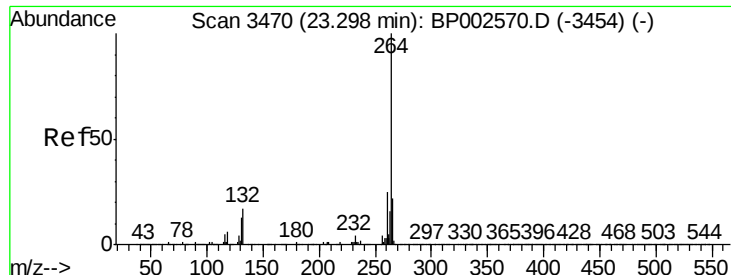


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.28 min Scan# 3467
 Delta R.T. -0.01 min
 Lab File: BP002575.D
 Acq: 30 Jun 2020 15:12

Instrument :
 BNA_P
 ClientSampleId :
 SP2-F

Tot Ion:	264	Resp:	841813
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.7	29.5
265	20.5	17.6	26.4

