

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072020\
 Data File : BP002800.D
 Acq On : 20 Jul 2020 14:55
 Operator : CG/JU
 Sample : L3328-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DAY-5

Quant Time: Jul 20 16:15:26 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	7.55	152	144554	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	598458	20.00	ng	0.00
39) Acenaphthene-d10	14.20	164	362854	20.00	ng	-0.01
64) Phenanthrene-d10	16.96	188	749231	20.00	ng	0.00
76) Chrysene-d12	21.07	240	737148	20.00	ng	0.00
86) Perylene-d12	23.26	264	686576	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.17	112	465744	54.36	ng	0.00
7) Phenol-d6	6.75	99	402066	32.88	ng	0.00
23) Nitrobenzene-d5	8.69	82	877155	78.39	ng	-0.01
42) 2,4,6-Tribromophenol	15.71	330	478997	126.46	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	1579051	67.32	ng	0.00
79) Terphenyl-d14	19.56	244	2261477	70.34	ng	0.00

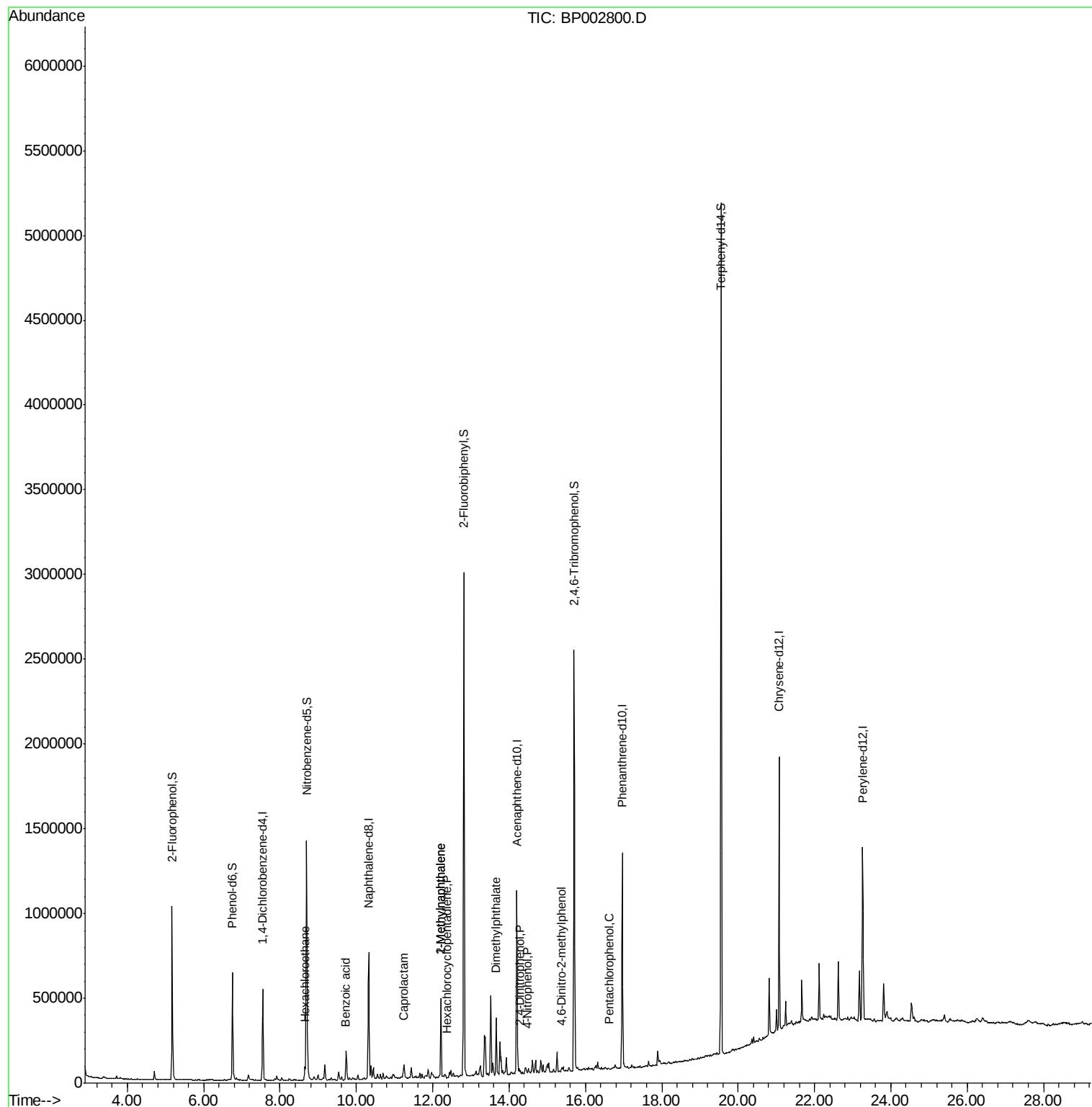
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Hexachloroethane	8.65	117	12916	3.324	ng	# 1
32) Benzoic acid	9.71	122	590	7.139	ng	# 1
35) Caprolactam	11.25	113	14987	4.575	ng	# 86
37) 2-Methylnaphthalene	12.22	142	214781	9.633	ng	96
38) 1-Methylnaphthalene	12.22	142	215675	10.227	ng	97
41) Hexachlorocyclopentadiene	12.37	237	20	7.438	ng	84
50) Dimethylphthalate	13.66	163	210361	7.602	ng	99
54) 2,4-Dinitrophenol	14.28	184	39	11.384	ng	# 1
56) 4-Nitrophenol	14.47	139	222	5.011	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.36	198	58	5.278	ng	# 1
70) Pentachlorophenol	16.63	266	32	7.448	ng	# 56

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072020\
Data File : BP002800.D
Acq On : 20 Jul 2020 14:55
Operator : CG/JU
Sample : L3328-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DAY-5

Quant Time: Jul 20 16:15:26 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



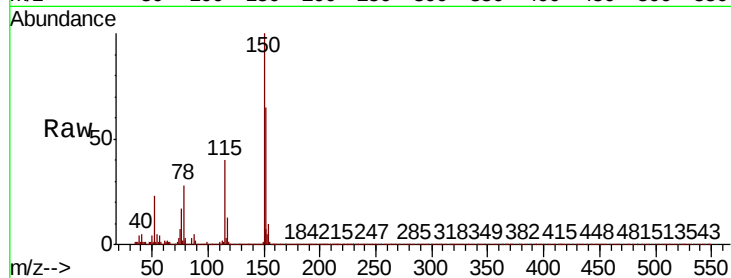


#1

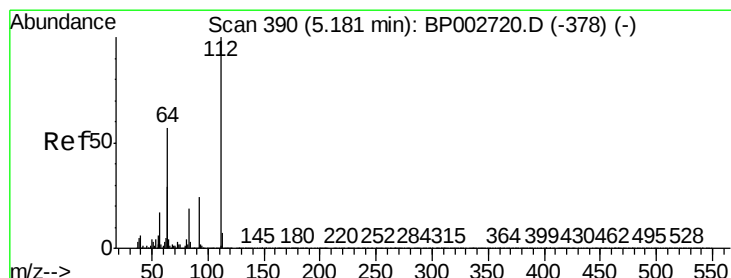
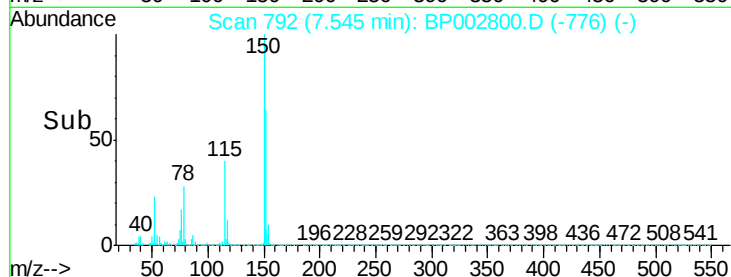
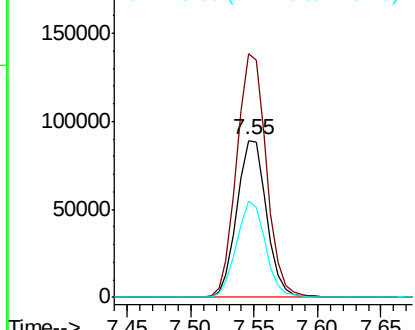
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 792
Delta R.T. -0.01 min
Lab File: BP002800.D
Acq: 20 Jul 2020 14:55

Instrument :
BNA_P
ClientSampleId :
DAY-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	123.7	185.5
115	61.4	47.2	70.8



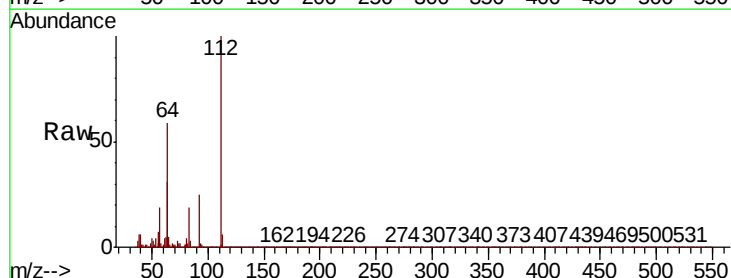
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



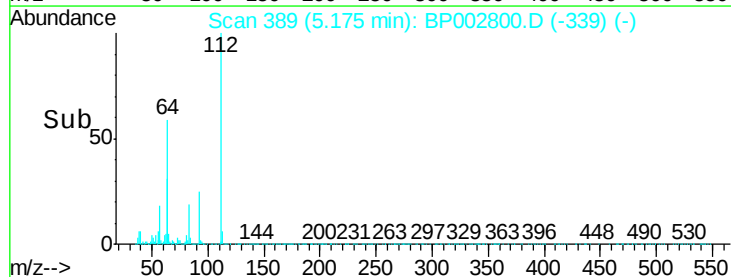
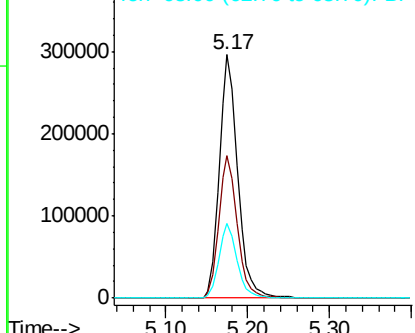
#5

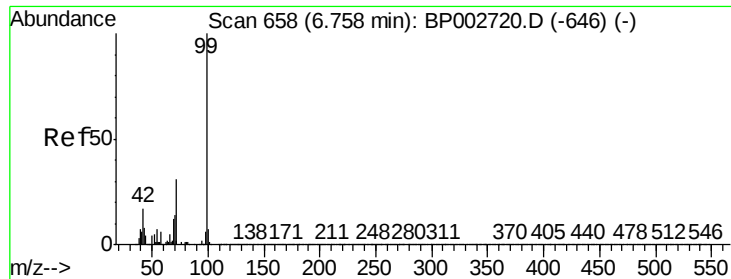
2-Fluorophenol
Concen: 54.360 ng
RT: 5.17 min Scan# 389
Delta R.T. -0.01 min
Lab File: BP002800.D
Acq: 20 Jul 2020 14:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	45.6	68.4
63	30.7	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





#7

Phenol-d6

Concen: 32.882 ng

RT: 6.75 min Scan# 657

Delta R.T. -0.01 min

Lab File: BP002800.D

Acq: 20 Jul 2020 14:55

Instrument :

BNA_P

ClientSampleId :

DAY-5

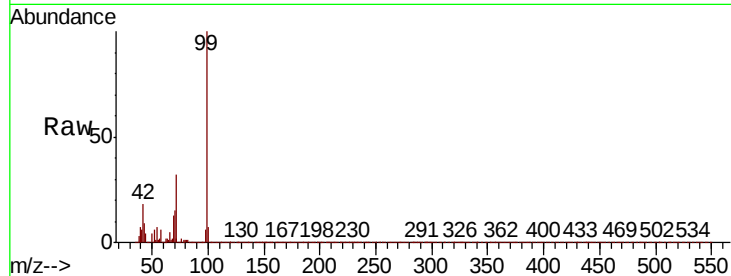
Tot Ion: 99 Resp: 402066

Ion Ratio Lower Upper

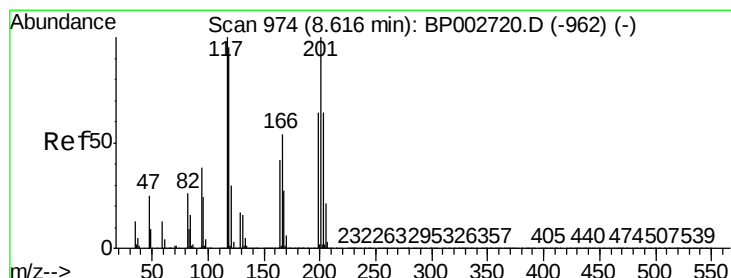
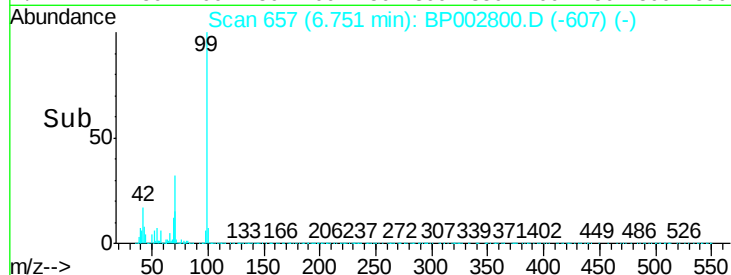
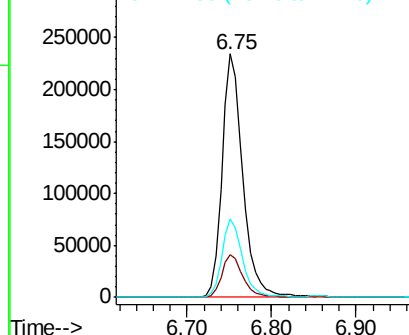
99 100

42 17.5 13.4 20.2

71 32.1 24.6 36.8



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



#18

Hexachloroethane

Concen: 3.324 ng

RT: 8.65 min Scan# 980

Delta R.T. 0.03 min

Lab File: BP002800.D

Acq: 20 Jul 2020 14:55

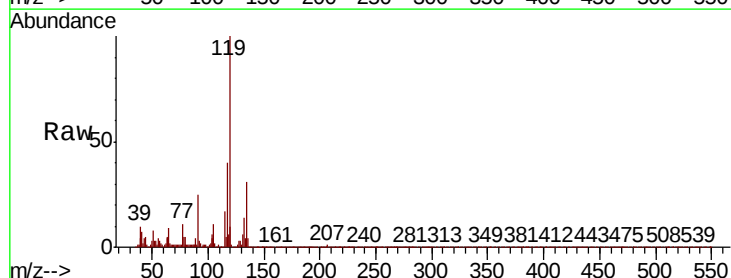
Tgt Ion: 117 Resp: 12916

Ion Ratio Lower Upper

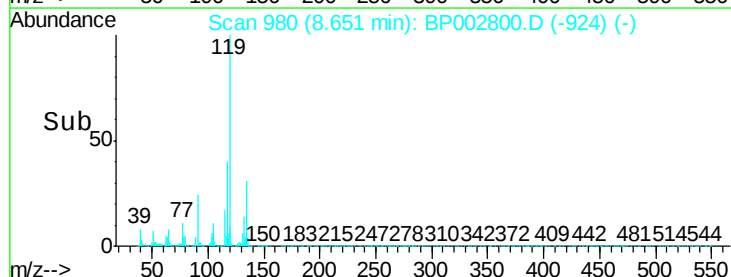
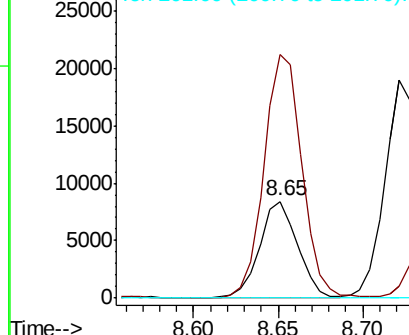
117 100

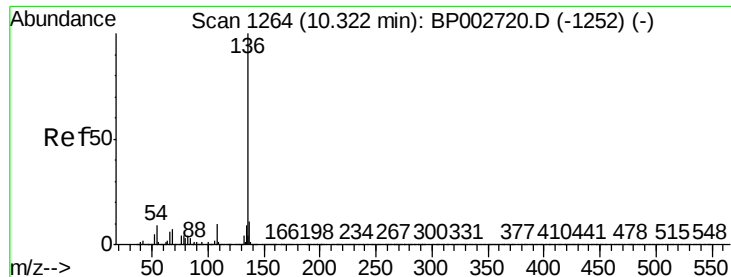
119 252.2 76.6 115.0#

201 0.2 80.3 120.5#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

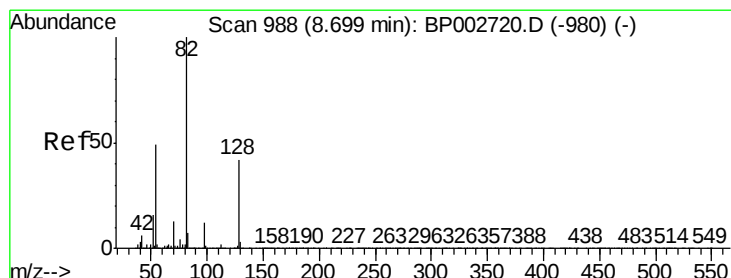
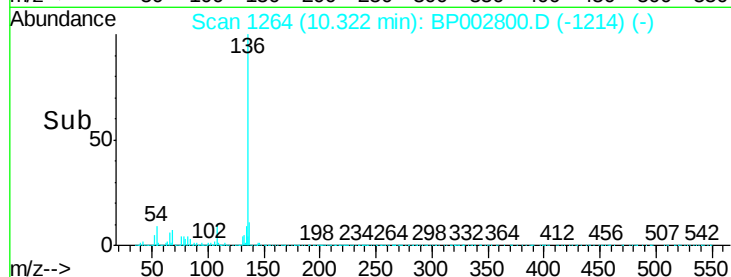
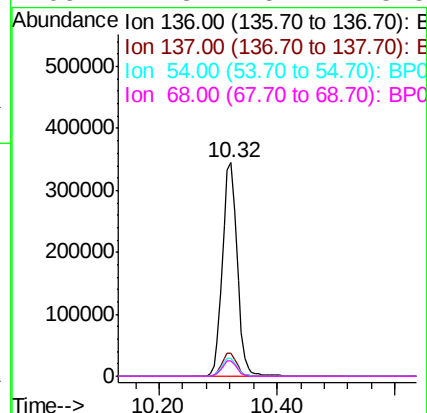
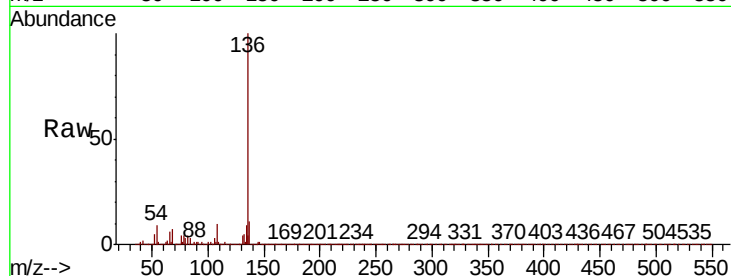




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BP002800.D
Acq: 20 Jul 2020 14:55

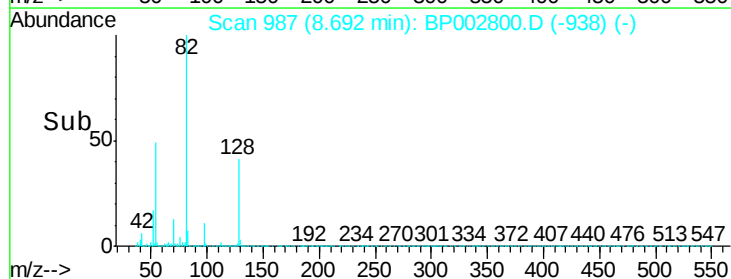
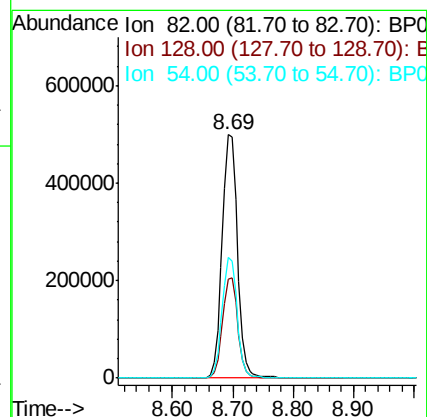
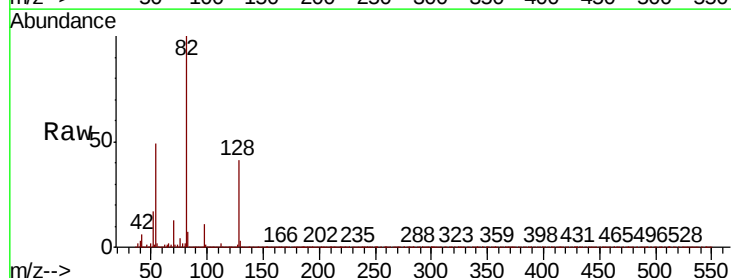
Instrument :
BNA_P
ClientSampleId :
DAY-5

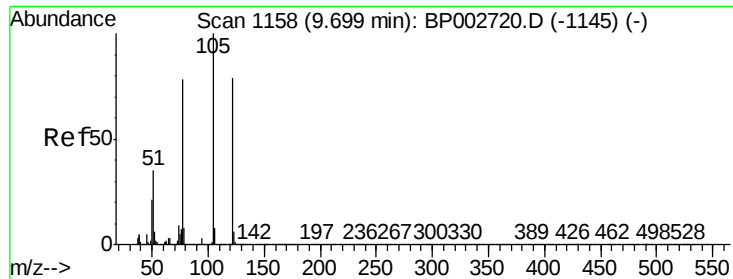
Tot Ion:136	Resp:	598458	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	8.6	13.0	
54 8.5	6.9	10.3	
68 7.3	5.7	8.5	



#23
Nitrobenzene-d5
Concen: 78.390 ng
RT: 8.69 min Scan# 987
Delta R.T. -0.01 min
Lab File: BP002800.D
Acq: 20 Jul 2020 14:55

Tgt Ion: 82	Resp: 877155
Ion Ratio	Lower Upper
82 100	
128 40.8	33.8 50.8
54 49.4	38.8 58.2

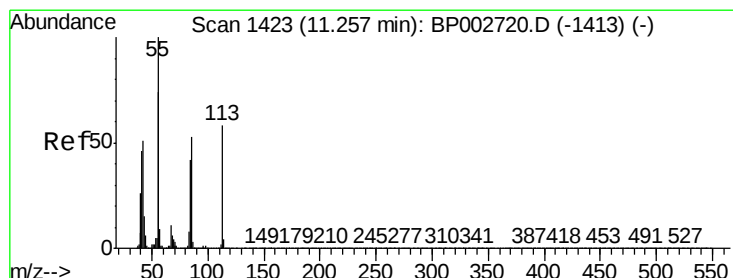
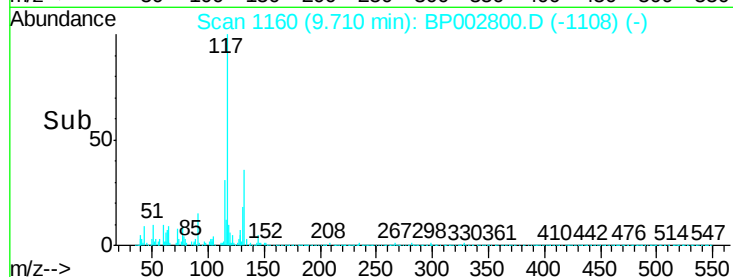
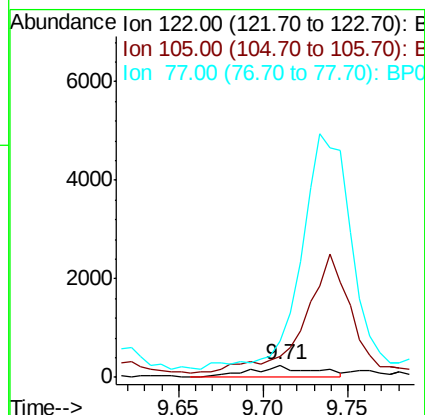
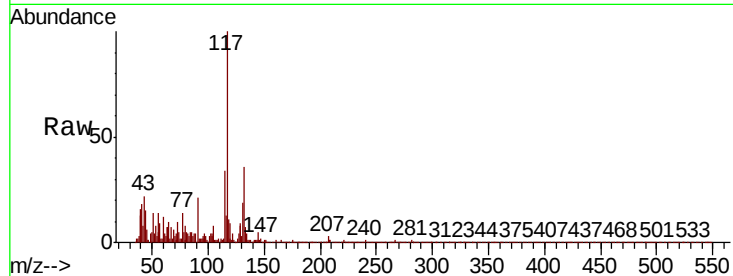




#32
Benzoic acid
Concen: 7.139 ng
RT: 9.71 min Scan# 1160
Delta R.T. 0.01 min
Lab File: BP002800.D
Acq: 20 Jul 2020 14:55

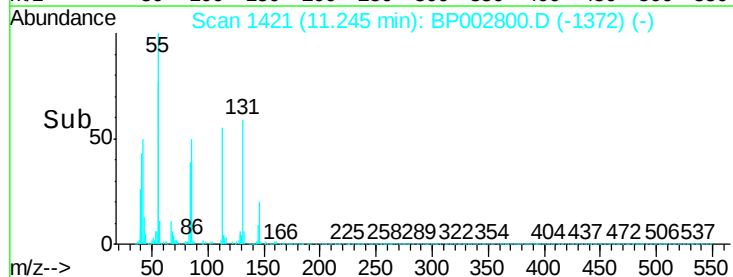
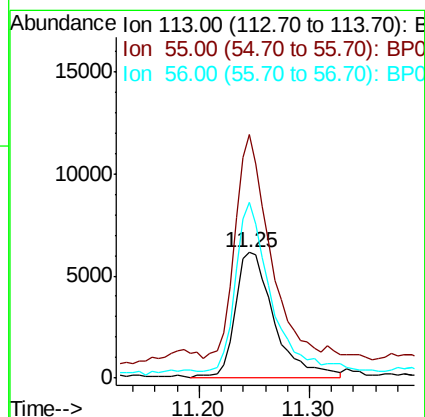
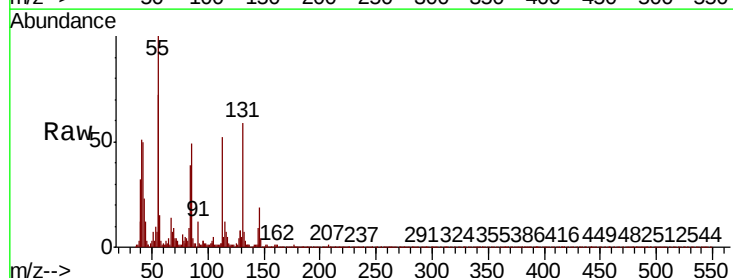
Instrument :
BNA_P
ClientSampleId :
DAY-5

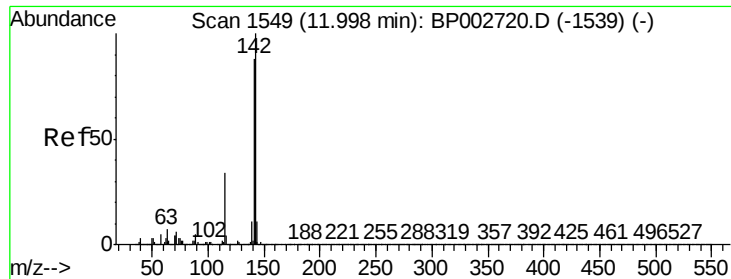
Tot Ion:122 Resp: 590
Ion Ratio Lower Upper
122 100
105 174.0 105.4 145.4#
77 303.3 78.5 118.5#



#35
Caprolactam
Concen: 4.575 ng
RT: 11.25 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BP002800.D
Acq: 20 Jul 2020 14:55

Tgt Ion:113 Resp: 14987
Ion Ratio Lower Upper
113 100
55 194.0 152.8 192.8#
56 140.5 107.5 147.5

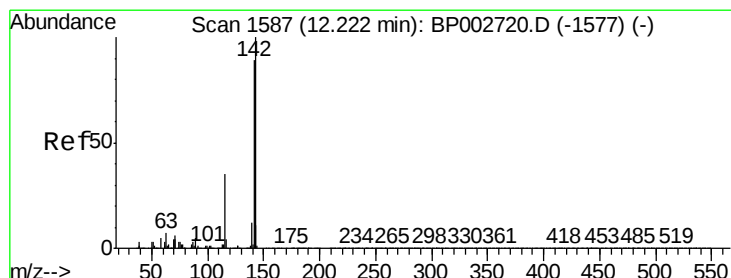
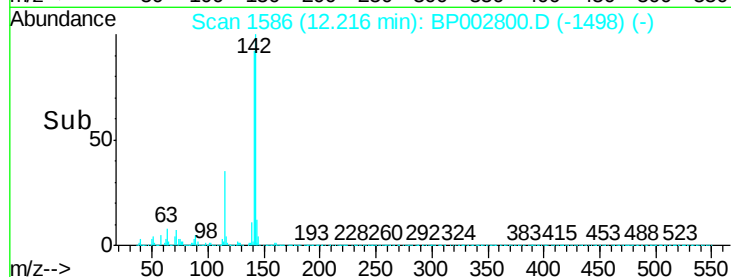
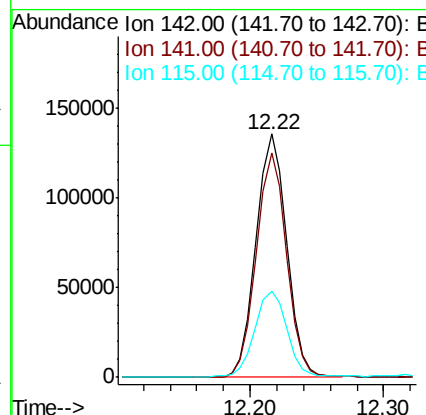
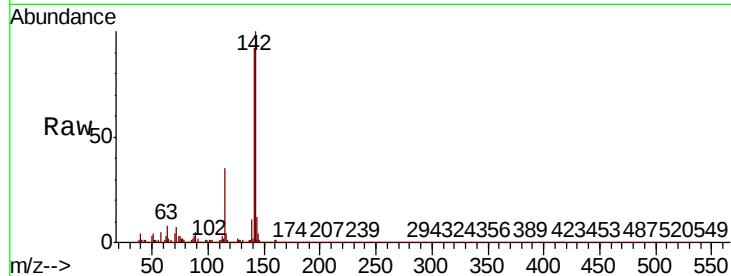




#37
2-Methylnaphthalene
Concen: 9.633 ng
RT: 12.22 min Scan# 1586
Delta R.T. 0.22 min
Lab File: BP002800.D
Acq: 20 Jul 2020 14:55

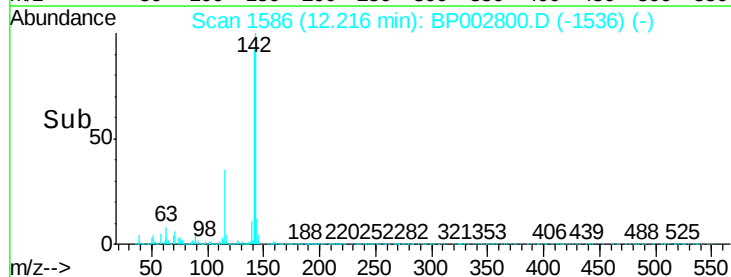
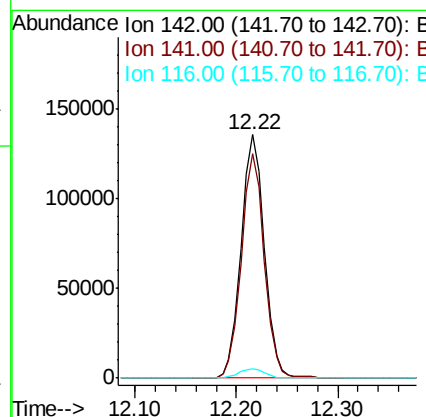
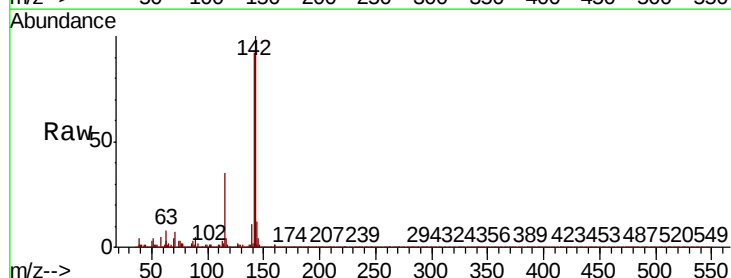
Instrument :
BNA_P
ClientSampleId :
DAY-5

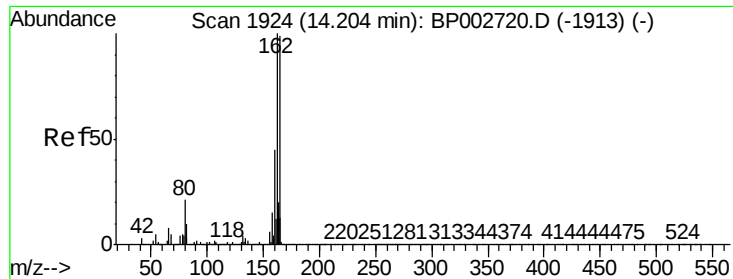
Tot Ion:142 Resp: 214781
Ion Ratio Lower Upper
142 100
141 91.9 70.4 105.6
115 35.4 27.0 40.6



#38
1-Methylnaphthalene
Concen: 10.227 ng
RT: 12.22 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BP002800.D
Acq: 20 Jul 2020 14:55

Tgt Ion:142 Resp: 215675
Ion Ratio Lower Upper
142 100
141 91.9 71.5 107.3
116 3.9 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.20 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BP002800.D

Acq: 20 Jul 2020 14:55

Instrument :

BNA_P

ClientSampleId :

DAY-5

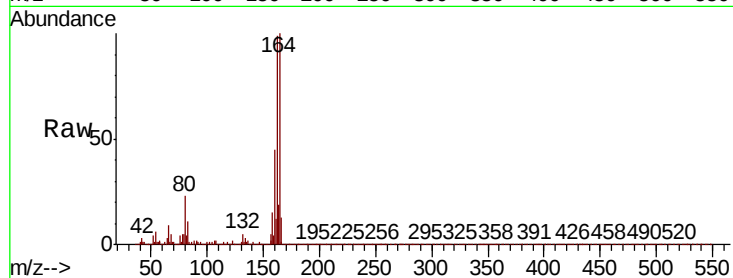
Tot Ion:164 Resp: 362854

Ion Ratio Lower Upper

164 100

162 99.3 80.6 121.0

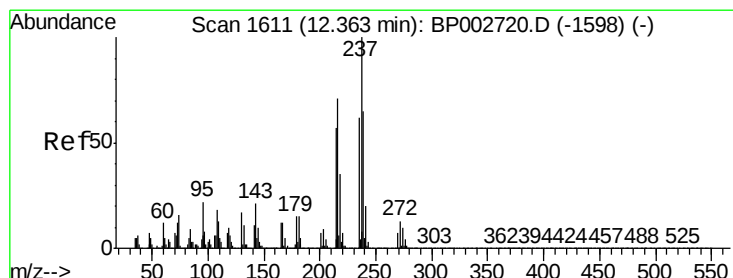
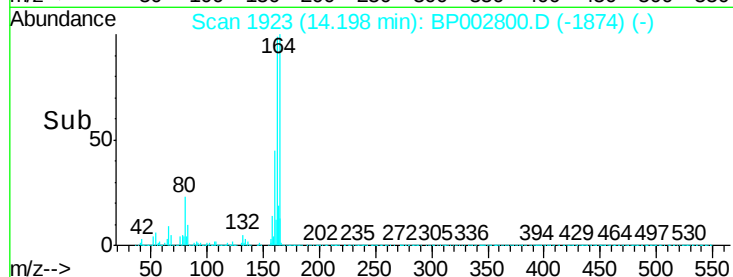
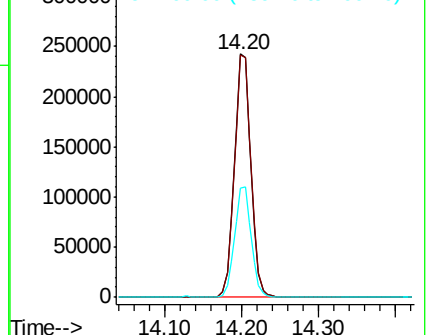
160 45.1 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

Hexachlorocyclopentadiene

Concen: 7.438 ng

RT: 12.37 min Scan# 1612

Delta R.T. 0.01 min

Lab File: BP002800.D

Acq: 20 Jul 2020 14:55

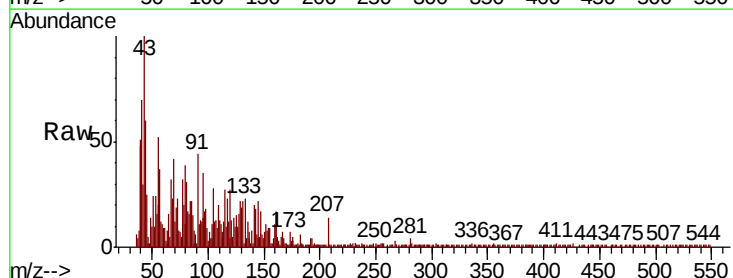
Tgt Ion:237 Resp: 20

Ion Ratio Lower Upper

237 100

235 70.0 42.3 82.3

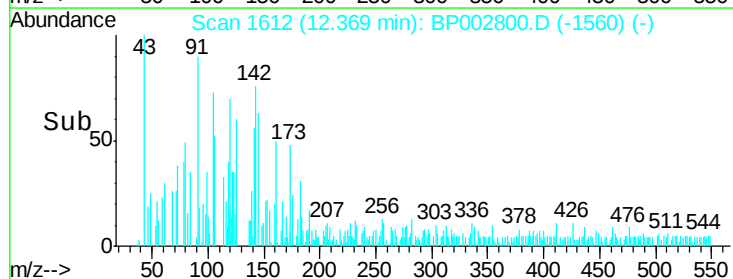
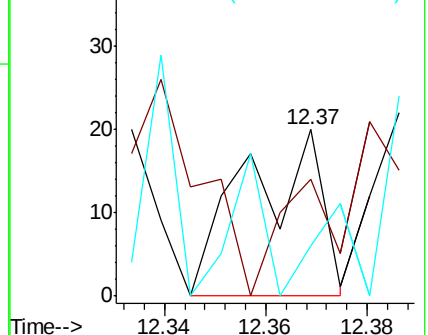
272 30.0 0.0 32.5

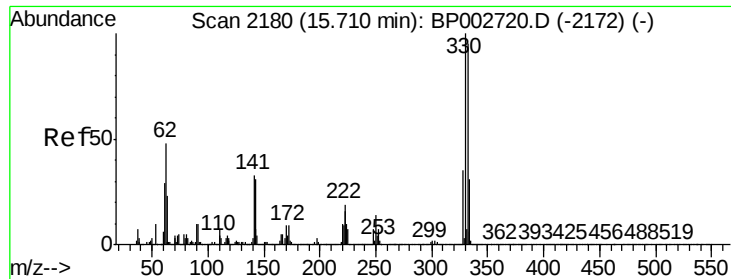


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

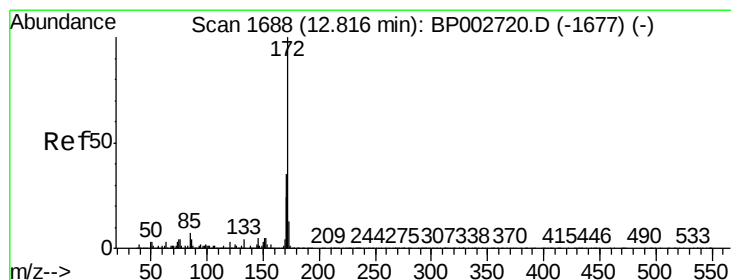
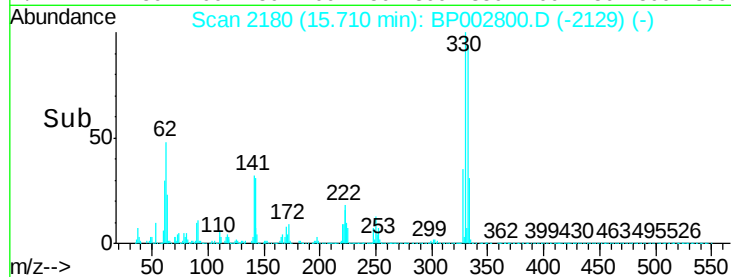
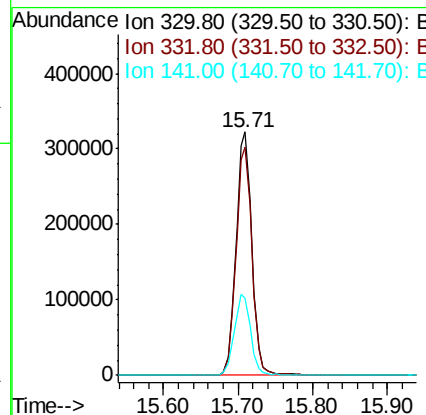
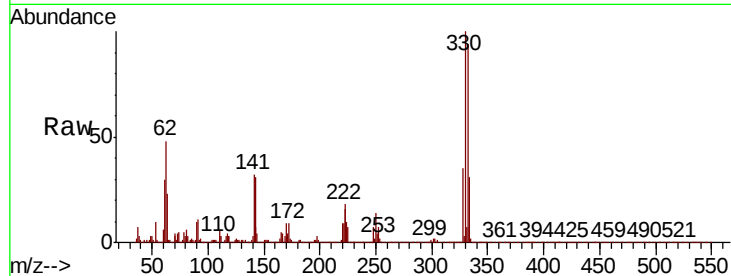




#42
2,4,6-Tribromophenol
Concen: 126.464 ng
RT: 15.71 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BP002800.D
Acq: 20 Jul 2020 14:55

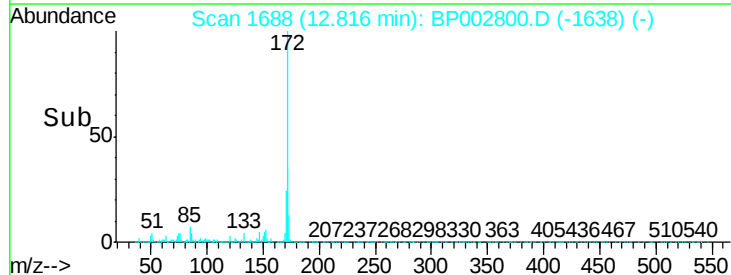
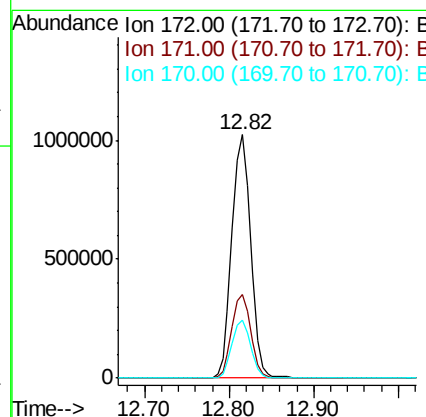
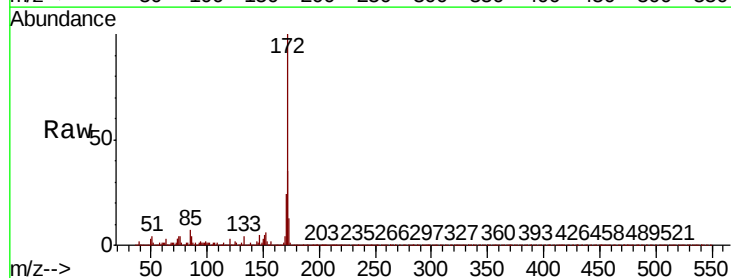
Instrument :
BNA_P
ClientSampleId :
DAY-5

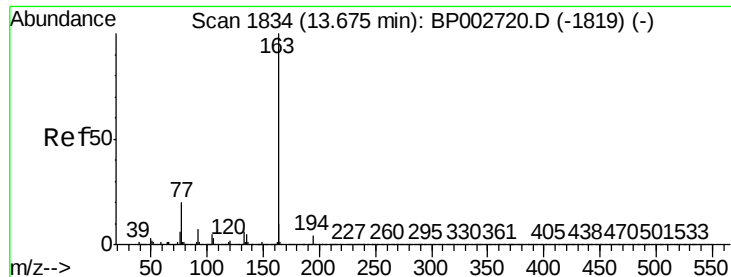
Tot Ion:330 Resp: 478997
Ion Ratio Lower Upper
330 100
332 95.2 76.5 114.7
141 34.4 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 67.321 ng
RT: 12.82 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BP002800.D
Acq: 20 Jul 2020 14:55

Tgt Ion:172 Resp: 1579051
Ion Ratio Lower Upper
172 100
171 34.5 28.1 42.1
170 24.1 19.3 28.9





#50

Dimethylphthalate

Concen: 7.602 ng

RT: 13.66 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BP002800.D

Acq: 20 Jul 2020 14:55

Instrument :

BNA_P

ClientSampleId :

DAY-5

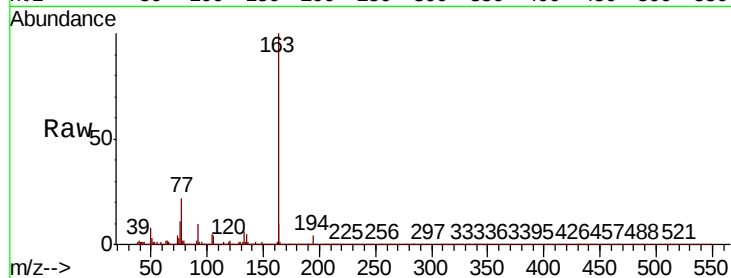
Tot Ion:163 Resp: 210361

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

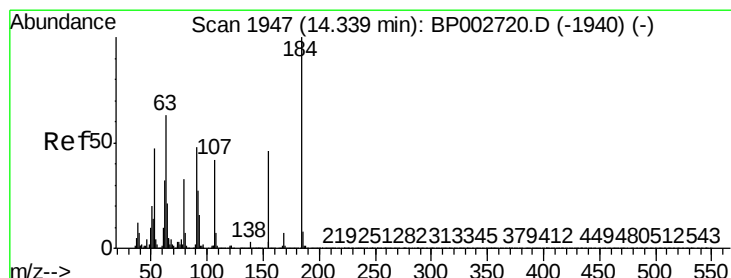
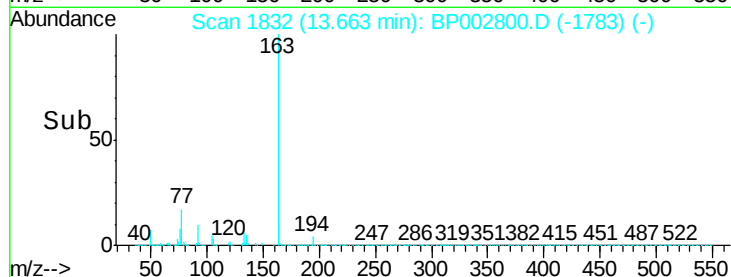
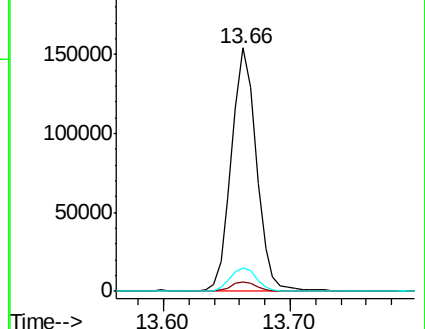
164 9.6 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#54

2,4-Dinitrophenol

Concen: 11.384 ng

RT: 14.28 min Scan# 1937

Delta R.T. -0.06 min

Lab File: BP002800.D

Acq: 20 Jul 2020 14:55

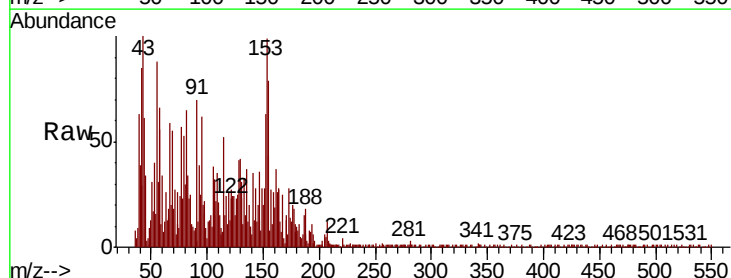
Tgt Ion:184 Resp: 39

Ion Ratio Lower Upper

184 100

63 621.6 51.6 77.4#

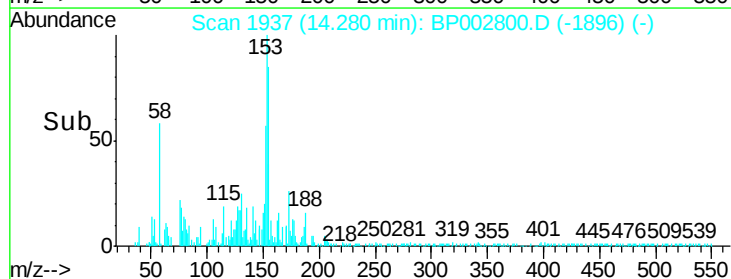
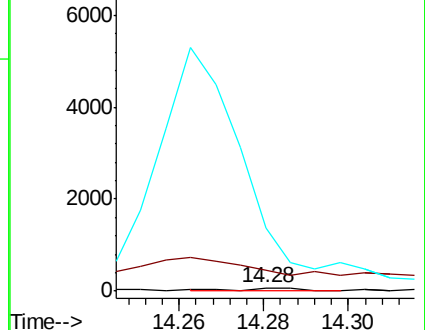
154 1855.4 45.0 67.6#

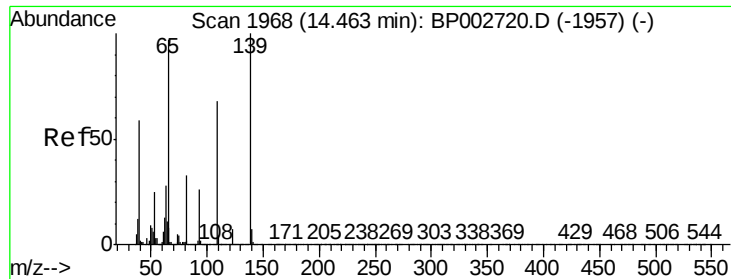


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E

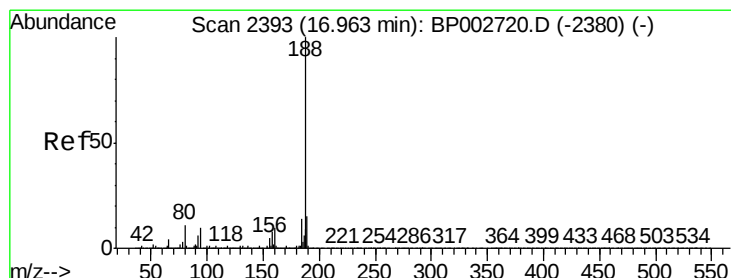
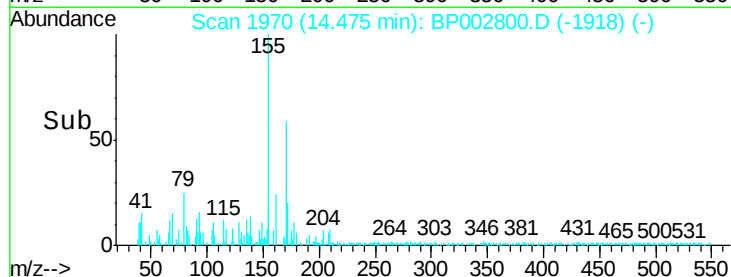
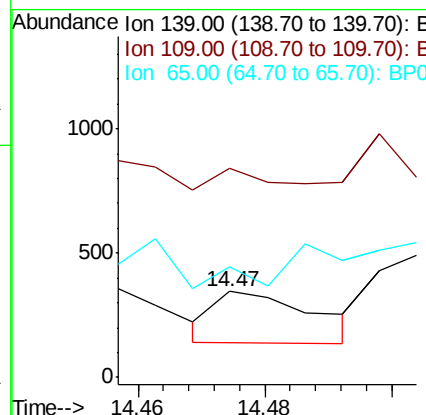
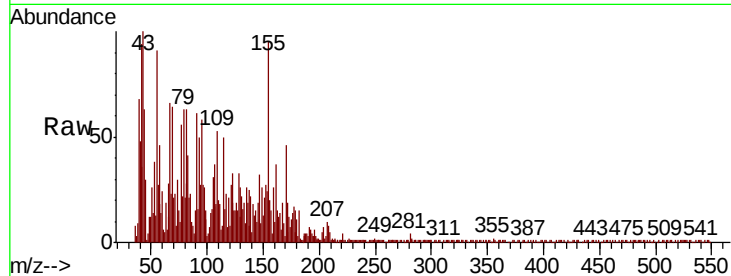




#56
4-Nitrophenol
Concen: 5.011 ng
RT: 14.47 min Scan# 1970
Delta R.T. 0.01 min
Lab File: BP002800.D
Acq: 20 Jul 2020 14:55

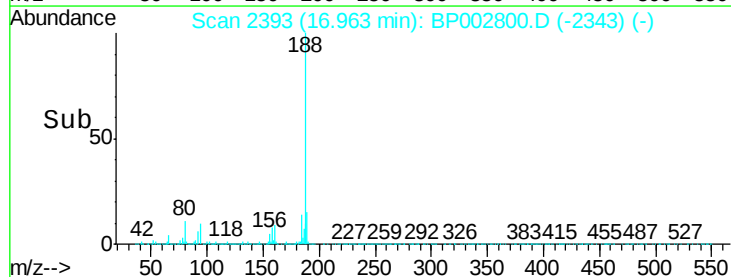
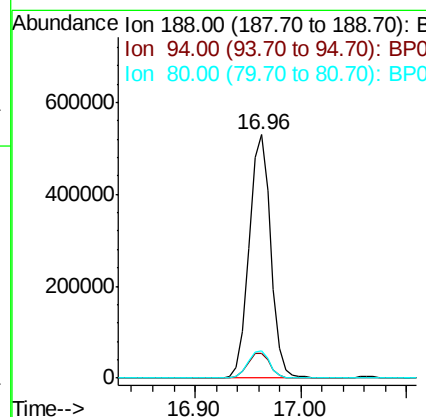
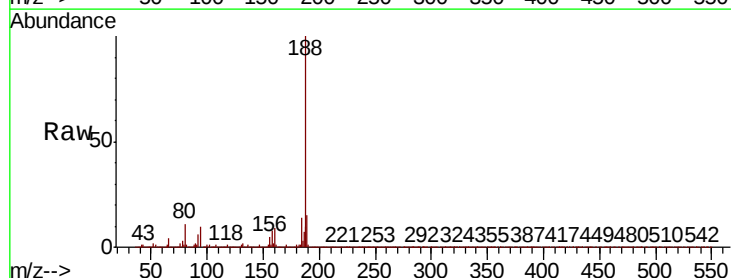
Instrument :
BNA_P
ClientSampleId :
DAY-5

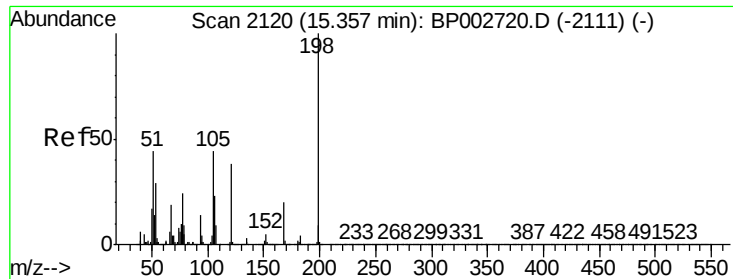
Tot Ion:139 Resp: 222
Ion Ratio Lower Upper
139 100
109 243.5 48.1 88.1#
65 129.3 77.9 117.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BP002800.D
Acq: 20 Jul 2020 14:55

Tgt Ion:188 Resp: 749231
Ion Ratio Lower Upper
188 100
94 10.3 8.1 12.1
80 11.0 8.9 13.3





#65

4,6-Dinitro-2-methylphenol

Concen: 5.278 ng

RT: 15.36 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BP002800.D

Acq: 20 Jul 2020 14:55

Instrument :

BNA_P

ClientSampled :

DAY-5

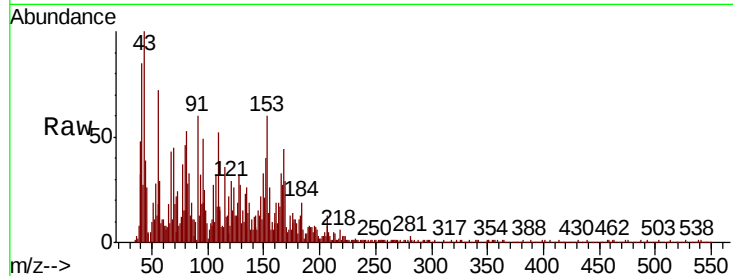
Tot Ion:198 Resp: 58

Ion Ratio Lower Upper

198 100

51 539.3 27.1 67.1#

105 786.9 24.9 64.9#



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

1000

800

600

400

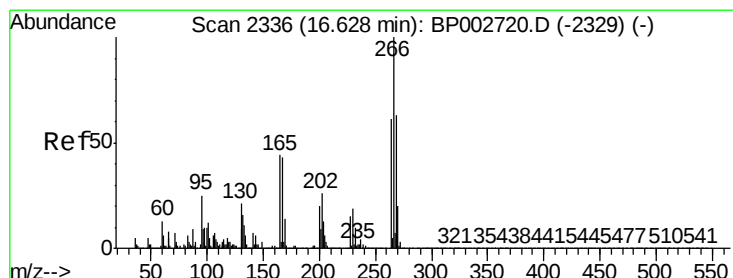
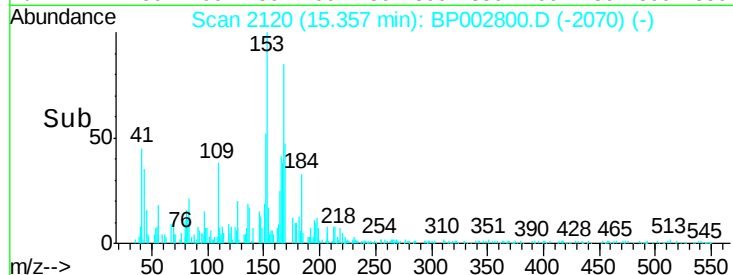
200

0

15.32 15.34 15.36 15.38

15.36

Time-->



#70

Pentachlorophenol

Concen: 7.448 ng

RT: 16.63 min Scan# 2337

Delta R.T. -0.00 min

Lab File: BP002800.D

Acq: 20 Jul 2020 14:55

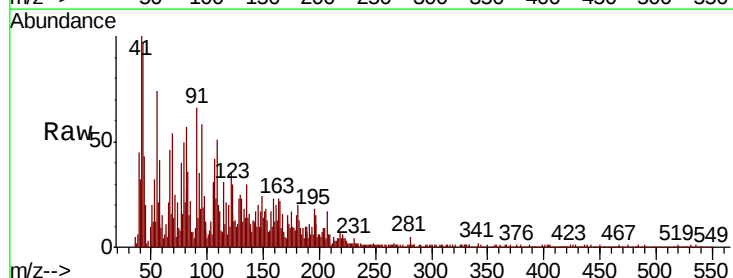
Tgt Ion:266 Resp: 32

Ion Ratio Lower Upper

266 100

268 25.0 50.6 75.8#

264 31.7 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

100

80

60

40

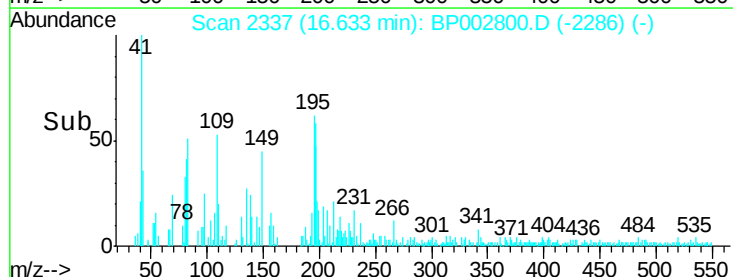
20

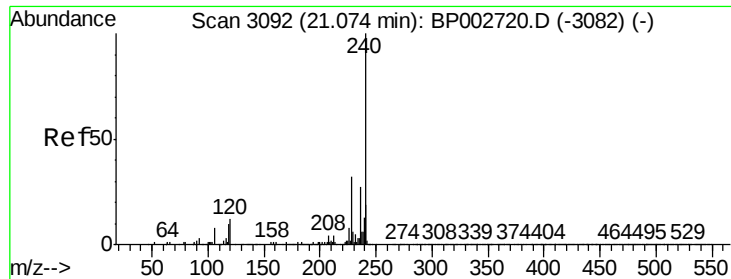
0

16.60 16.62 16.64

16.63

Time-->

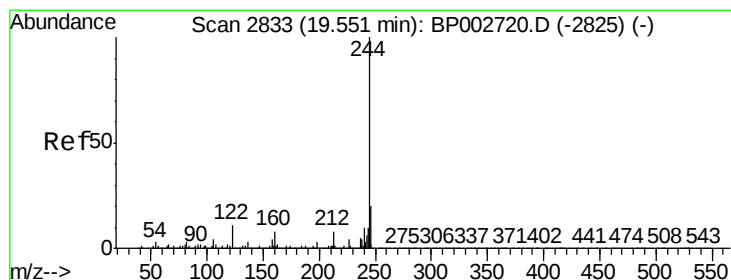
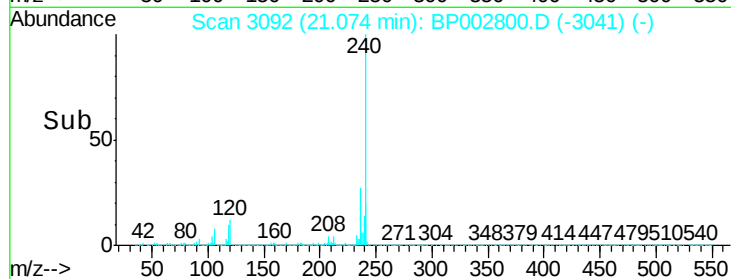
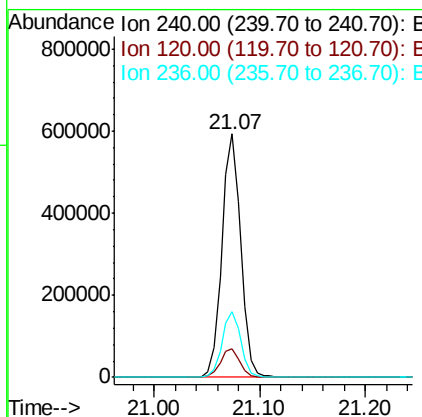
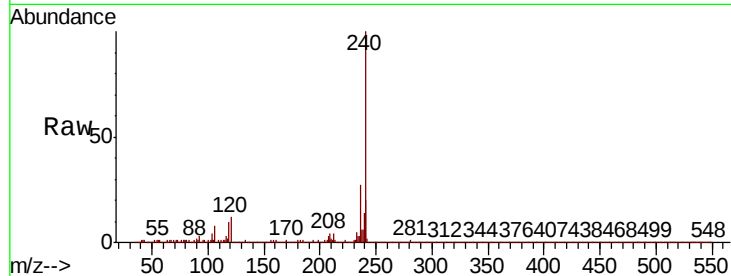




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.07 min Scan# 3092
 Delta R.T. -0.00 min
 Lab File: BP002800.D
 Acq: 20 Jul 2020 14:55

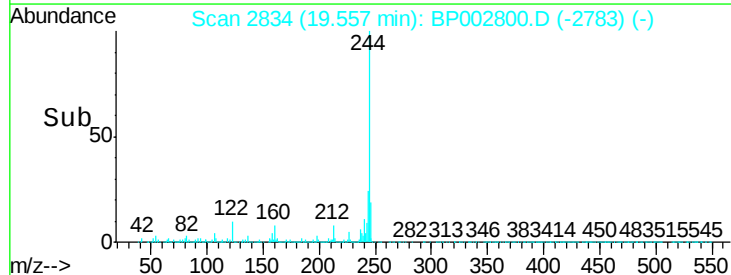
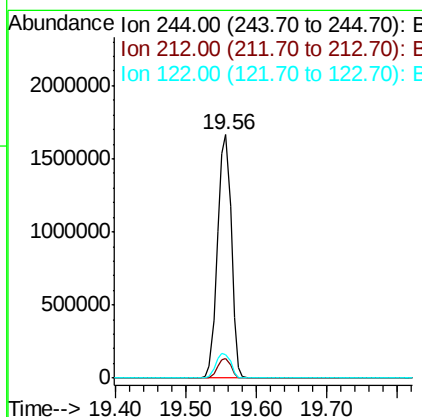
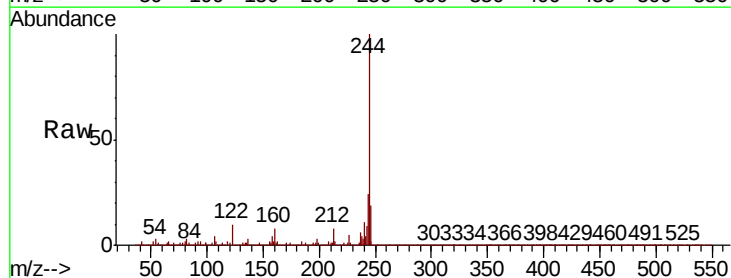
Instrument :
 BNA_P
 ClientSampleId :
 DAY-5

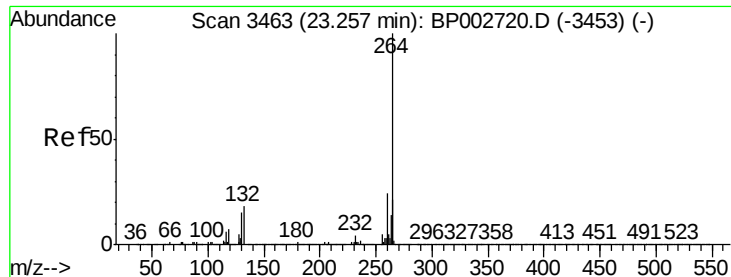
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.4	14.2
236	26.9	21.3	31.9



#79
 Terphenyl-d14
 Concen: 70.338 ng
 RT: 19.56 min Scan# 2834
 Delta R.T. -0.00 min
 Lab File: BP002800.D
 Acq: 20 Jul 2020 14:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.0	9.0
122	9.9	8.9	13.3





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.26 min Scan# 3464
 Delta R.T. -0.00 min
 Lab File: BP002800.D
 Acq: 20 Jul 2020 14:55

Instrument :
 BNA_P
 ClientSampleId :
 DAY-5

Tot Ion:	264	Resp:	686576
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.3	28.9
265	21.6	16.8	25.2

