

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072320\
 Data File : BP002840.D
 Acq On : 23 Jul 2020 15:03
 Operator : CG/JU
 Sample : L3377-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 23 17:10:57 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

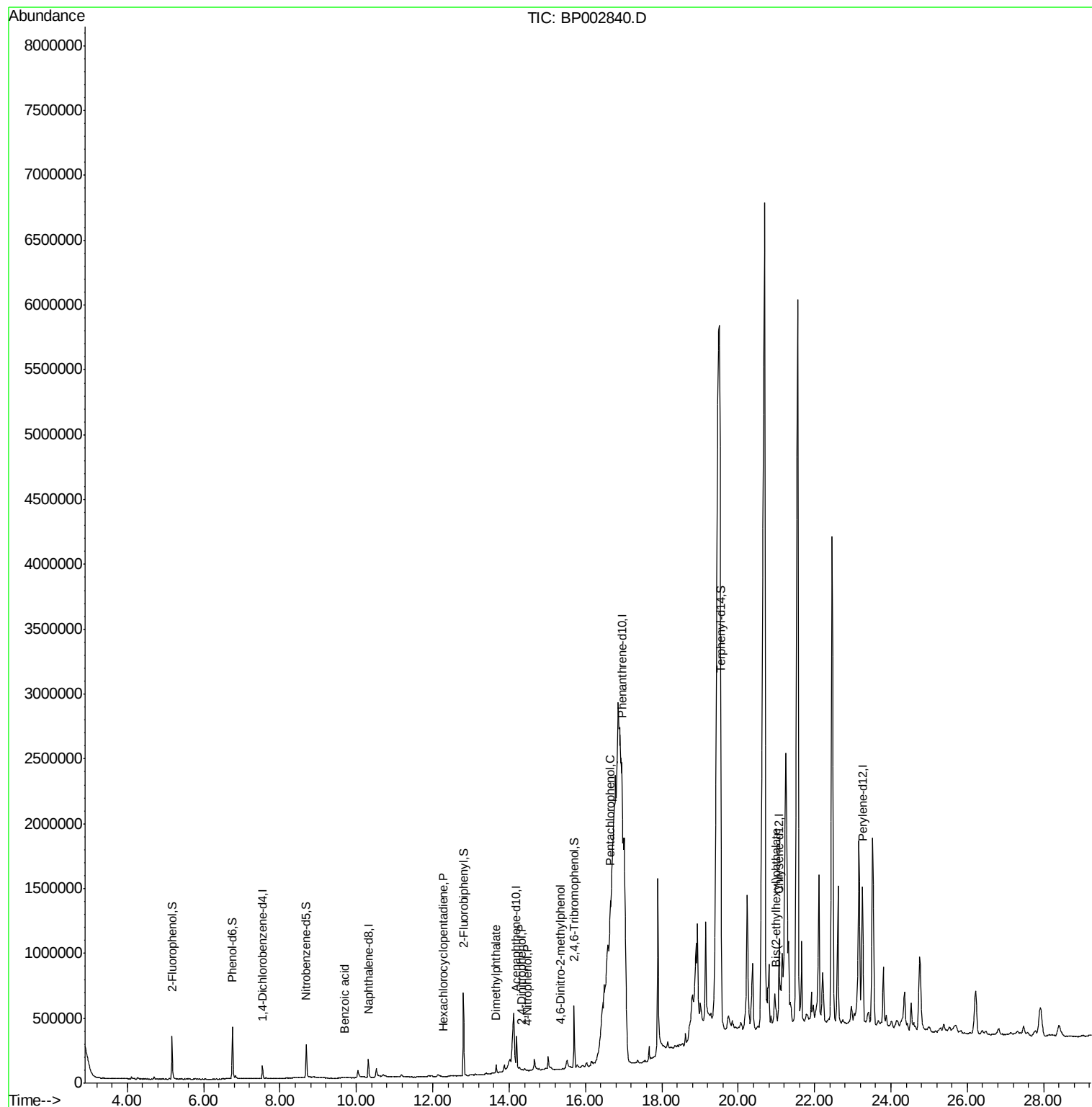
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	27359	20.00	ng	-0.01
21) Naphthalene-d8	10.32	136	119214	20.00	ng	-0.01
39) Acenaphthene-d10	14.19	164	81237	20.00	ng	-0.02
64) Phenanthrene-d10	16.96	188	140472	20.00	ng	-0.01
76) Chrysene-d12	21.07	240	243125	20.00	ng	0.00
86) Perylene-d12	23.26	264	356103	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	155644	95.98	ng	-0.01
7) Phenol-d6	6.75	99	251539	108.69	ng	0.00
23) Nitrobenzene-d5	8.69	82	152862	68.58	ng	-0.02
42) 2,4,6-Tribromophenol	15.70	330	88431	104.28	ng	0.00
45) 2-Fluorobiphenyl	12.81	172	336704	64.12	ng	-0.01
79) Terphenyl-d14	19.55	244	438638	41.36	ng	-0.01
Target Compounds						
32) Benzoic acid	9.68	122	401	7.323	ng	# 62
41) Hexachlorocyclopentadiene	12.29	237	30	7.459	ng	# 80
50) Dimethylphthalate	13.66	163	33560	5.417	ng	# 97
54) 2,4-Dinitrophenol	14.32	184	50	11.432	ng	# 10
56) 4-Nitrophenol	14.46	139	117	5.064	ng	# 38
65) 4,6-Dinitro-2-methylphenol	15.35	198	44	5.313	ng	# 1
70) Pentachlorophenol	16.63	266	170	7.639	ng	# 82
84) Bis(2-ethylhexyl)phthalate	21.00	149	29829	3.238	ng	# 96

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072320\
Data File : BP002840.D
Acq On : 23 Jul 2020 15:03
Operator : CG/JU
Sample : L3377-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Jul 23 17:10:57 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



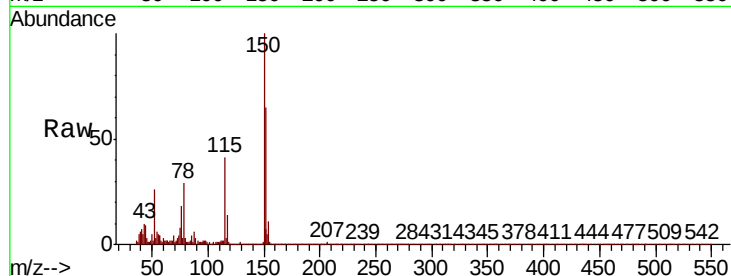


#1

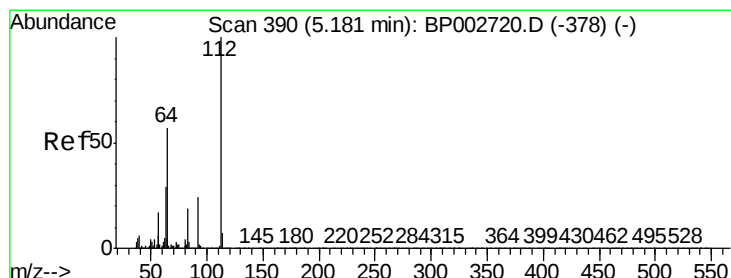
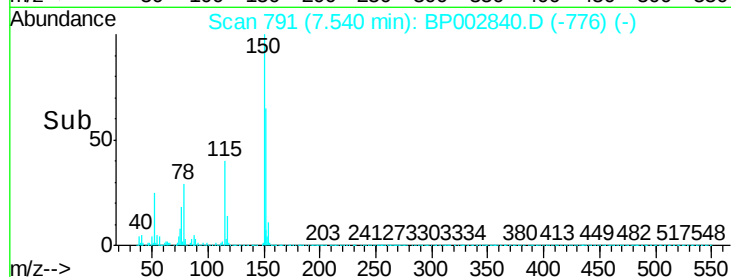
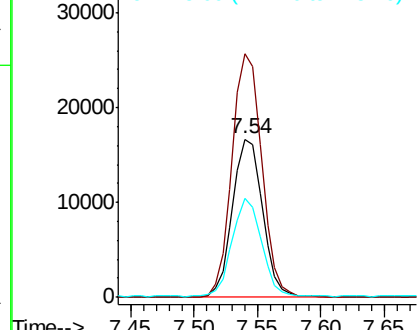
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.54 min Scan# 791
Delta R.T. -0.01 min
Lab File: BP002840.D
Acq: 23 Jul 2020 15:03

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	123.7	185.5
115	62.8	47.2	70.8



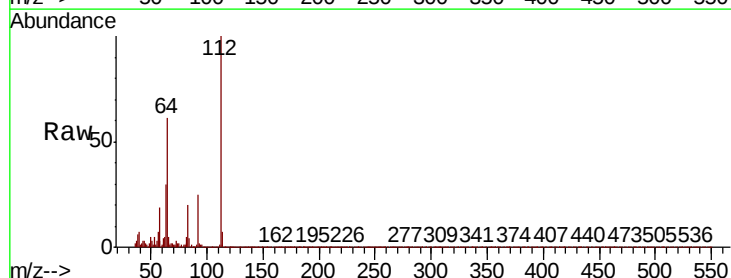
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



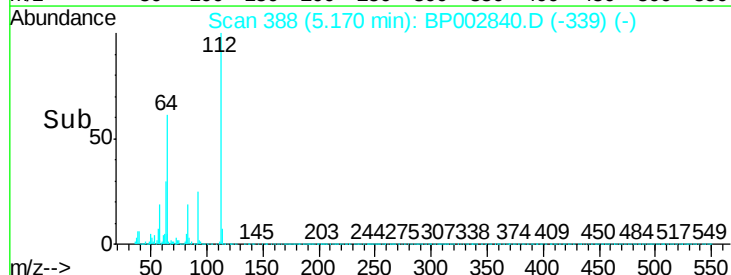
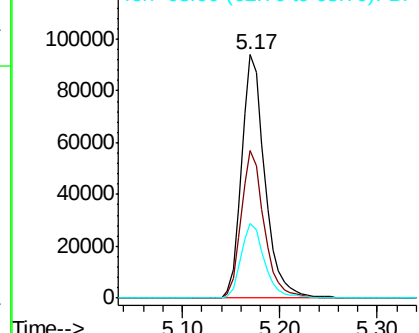
#5

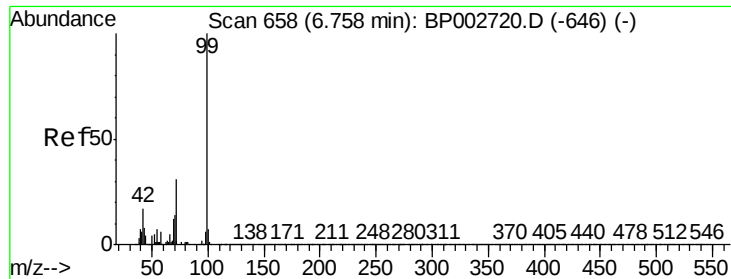
2-Fluorophenol
Concen: 95.983 ng
RT: 5.17 min Scan# 388
Delta R.T. -0.01 min
Lab File: BP002840.D
Acq: 23 Jul 2020 15:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.9	45.6	68.4
63	30.5	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: 108.691 ng

RT: 6.75 min Scan# 657

Delta R.T. -0.01 min

Lab File: BP002840.D

Acq: 23 Jul 2020 15:03

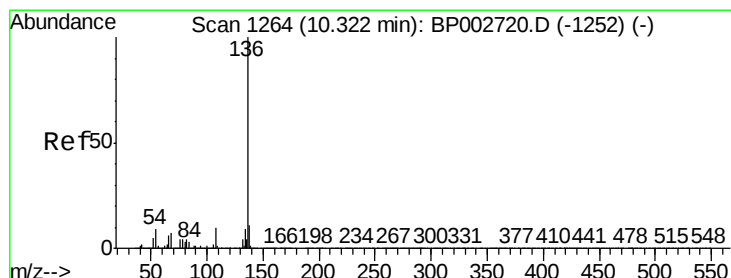
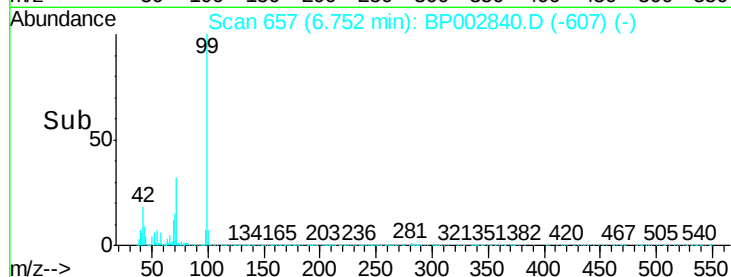
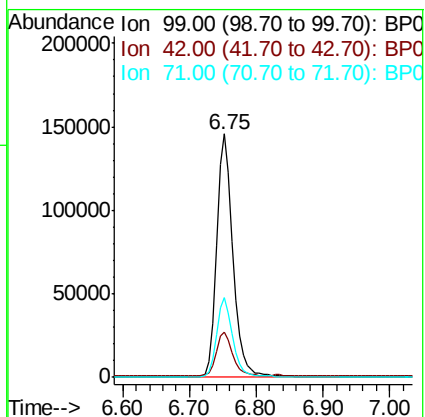
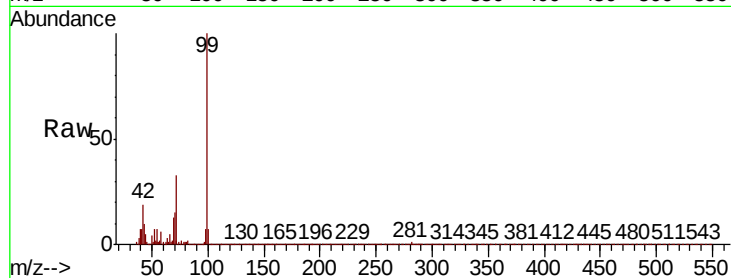
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 251539

Ion	Ratio	Lower	Upper
99	100		
42	18.6	13.4	20.2
71	32.6	24.6	36.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.32 min Scan# 1263

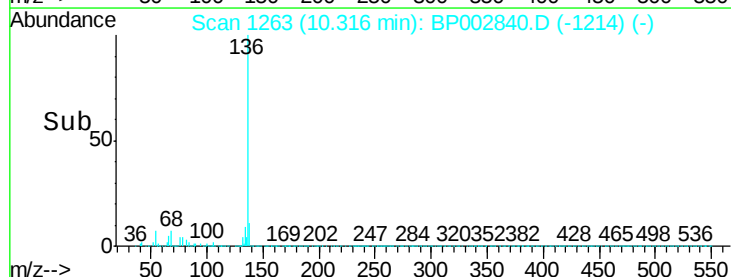
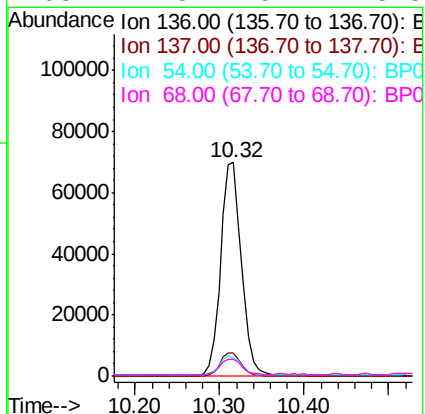
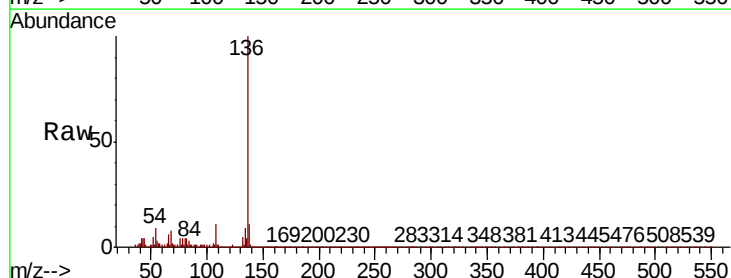
Delta R.T. -0.01 min

Lab File: BP002840.D

Acq: 23 Jul 2020 15:03

Tgt Ion: 136 Resp: 119214

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.6	6.9	10.3
68	7.8	5.7	8.5

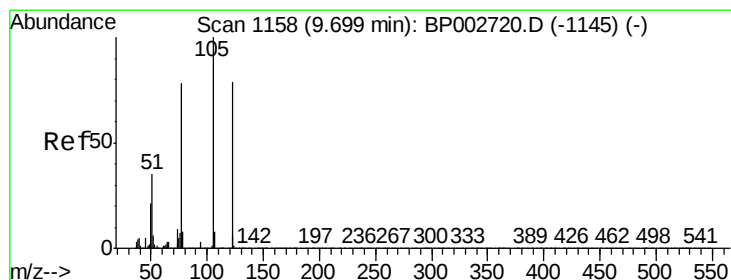
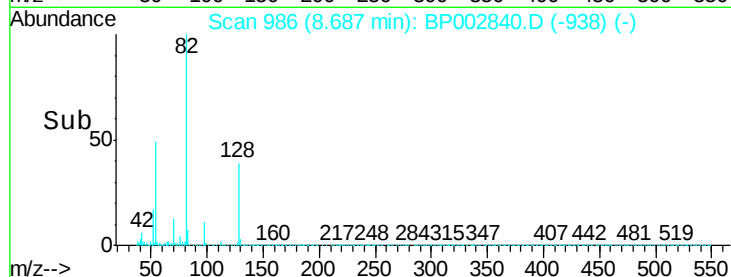
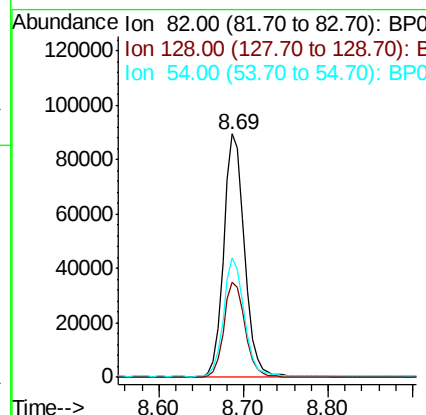
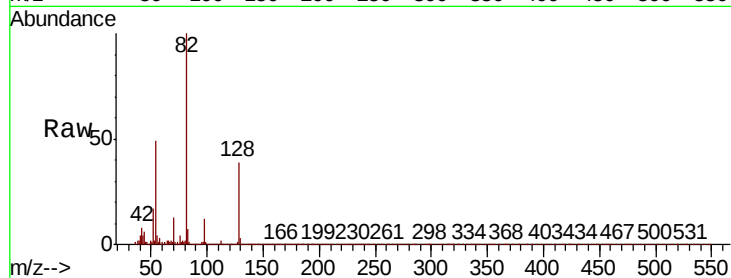




#23
Nitrobenzene-d5
Concen: 68.579 ng
RT: 8.69 min Scan# 986
Delta R.T. -0.02 min
Lab File: BP002840.D
Acq: 23 Jul 2020 15:03

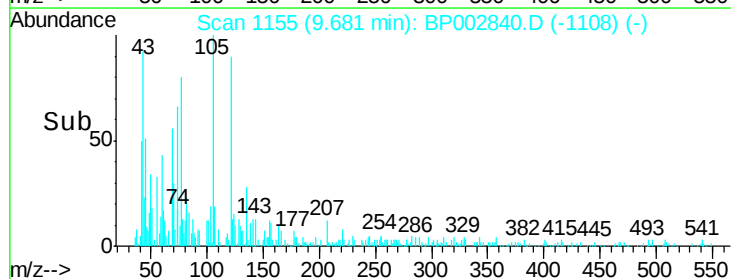
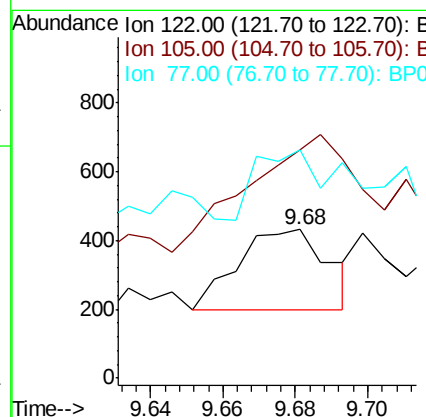
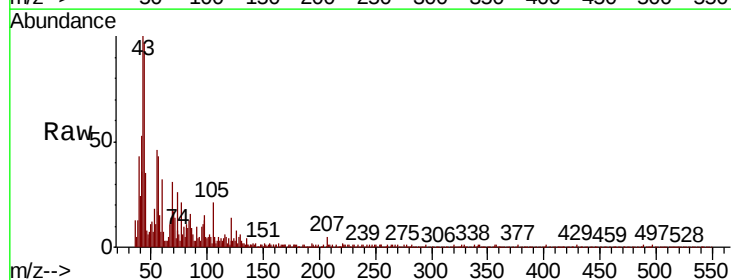
Instrument :
BNA_P
ClientSampleId :

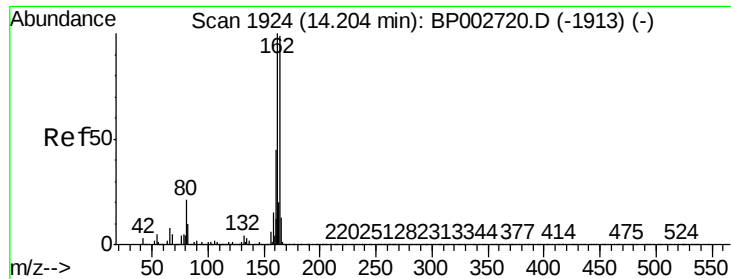
Tot Ion	82	Resp	152862
Ion Ratio	Lower	Upper	
82	100		
128	39.0	33.8	50.8
54	48.9	38.8	58.2



#32
Benzoic acid
Concen: 7.323 ng
RT: 9.68 min Scan# 1155
Delta R.T. -0.02 min
Lab File: BP002840.D
Acq: 23 Jul 2020 15:03

Tgt Ion	122	Resp	401
Ion Ratio	Lower	Upper	
122	100		
105	153.9	105.4	145.4#
77	153.2	78.5	118.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.19 min Scan# 1922

Delta R.T. -0.02 min

Lab File: BP002840.D

Acq: 23 Jul 2020 15:03

Instrument :

BNA_P

ClientSampleId :

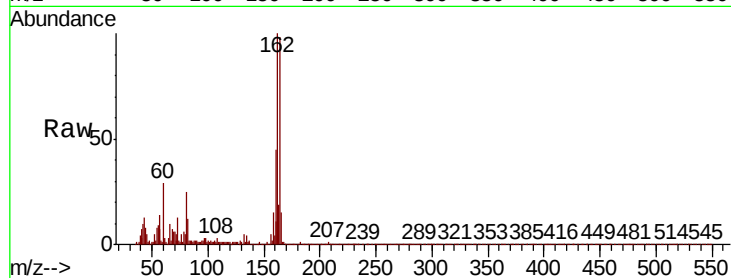
Tot Ion:164 Resp: 81237

Ion Ratio Lower Upper

164 100

162 101.8 80.6 121.0

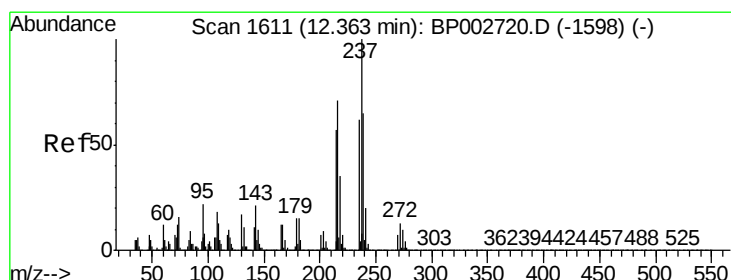
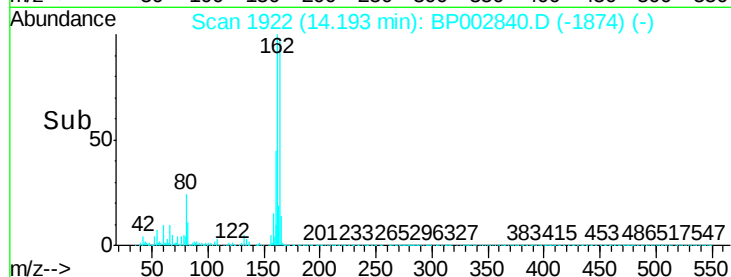
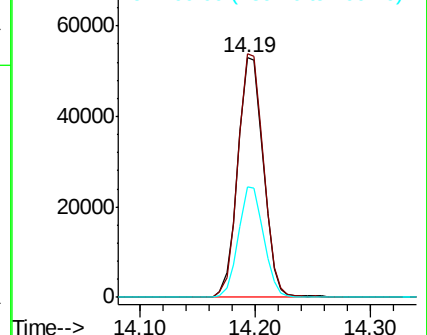
160 46.2 36.4 54.6



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: 7.459 ng

RT: 12.29 min Scan# 1598

Delta R.T. -0.08 min

Lab File: BP002840.D

Acq: 23 Jul 2020 15:03

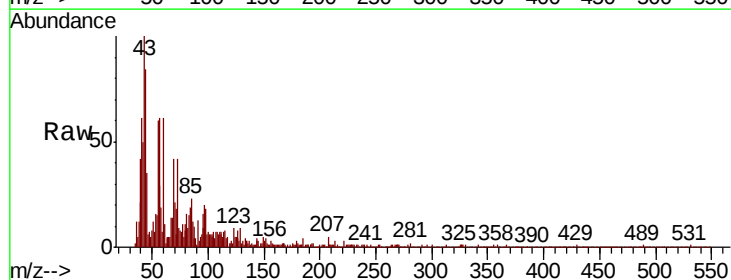
Tgt Ion:237 Resp: 30

Ion Ratio Lower Upper

237 100

235 74.1 42.3 82.3

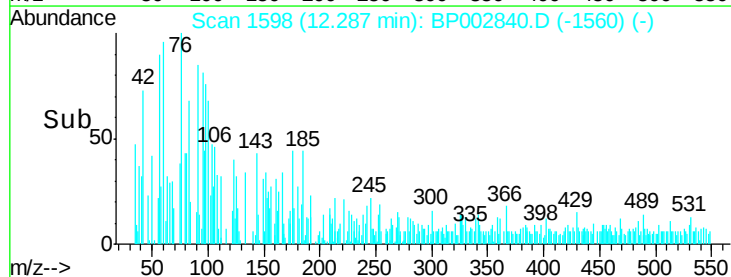
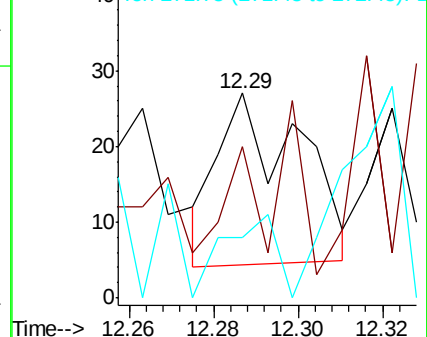
272 29.6 0.0 32.5

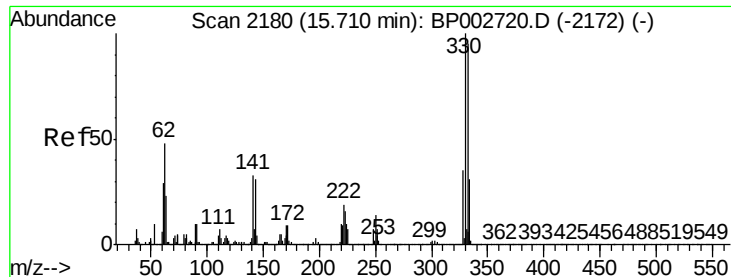


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

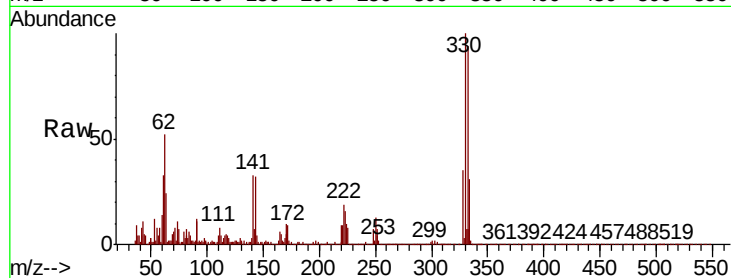




#42
2,4,6-Tribromophenol
Concen: 104.284 ng
RT: 15.70 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BP002840.D
Acq: 23 Jul 2020 15:03

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.5	114.7
141	35.8	28.8	43.2

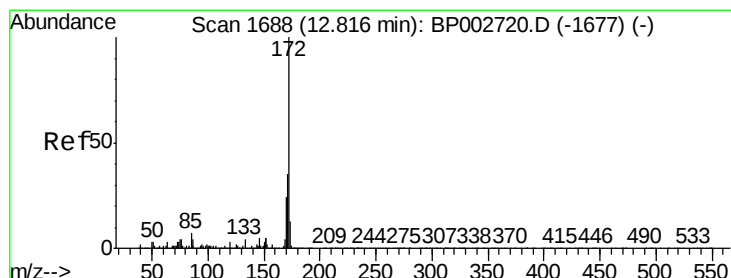
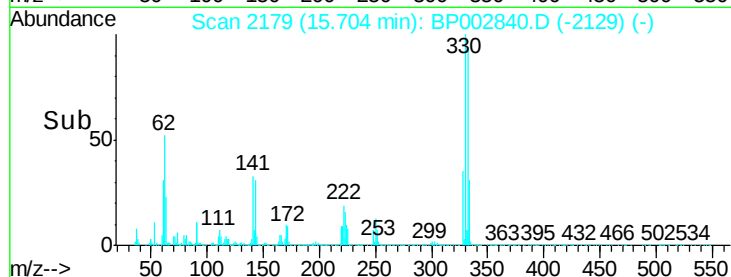
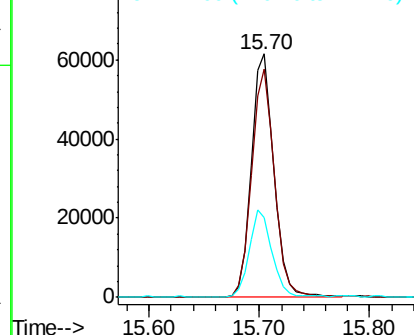


Abundance

Ion 329.80 (329.50 to 330.50): E

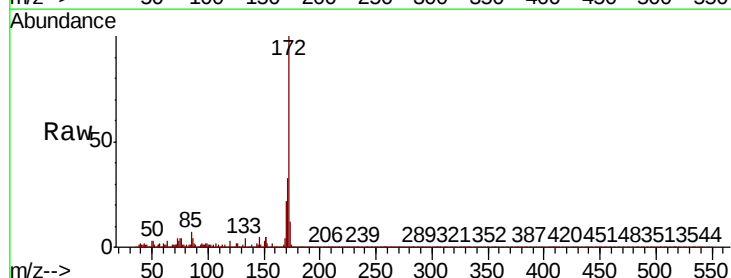
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 64.118 ng
RT: 12.81 min Scan# 1687
Delta R.T. -0.01 min
Lab File: BP002840.D
Acq: 23 Jul 2020 15:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	32.9	28.1	42.1
170	22.4	19.3	28.9

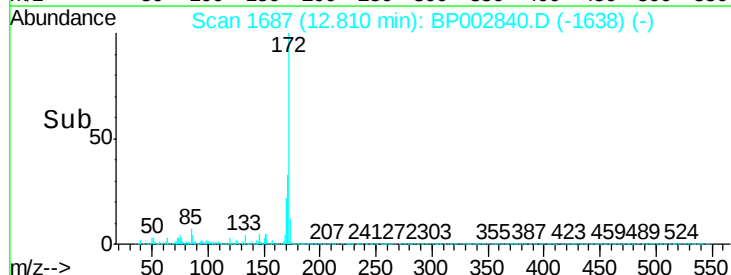
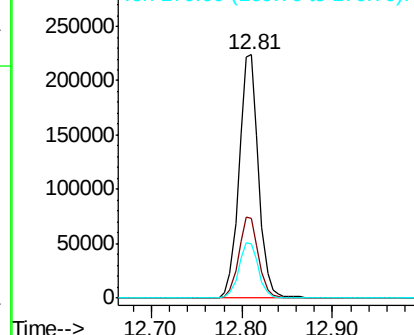


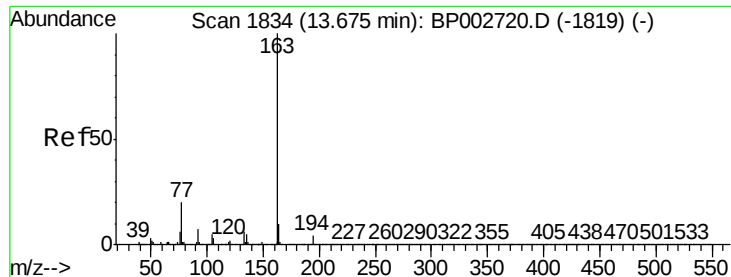
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 5.417 ng

RT: 13.66 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BP002840.D

Acq: 23 Jul 2020 15:03

Instrument :

BNA_P

ClientSampleId :

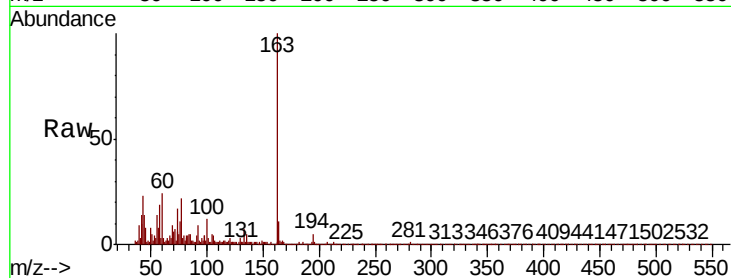
Tot Ion:163 Resp: 33560

Ion Ratio Lower Upper

163 100

194 5.3 3.4 5.2#

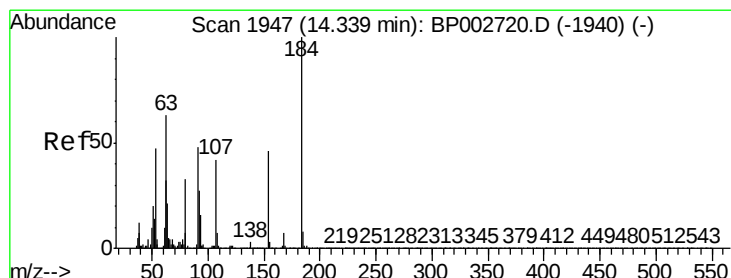
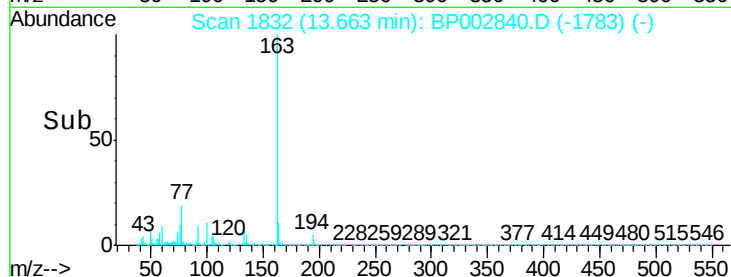
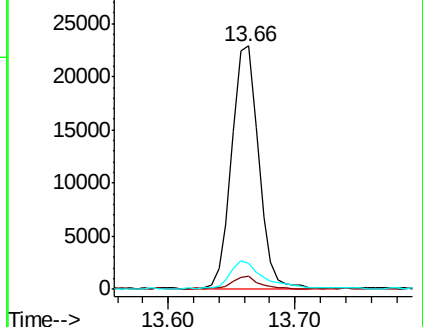
164 10.8 7.8 11.8



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: 11.432 ng

RT: 14.32 min Scan# 1944

Delta R.T. -0.02 min

Lab File: BP002840.D

Acq: 23 Jul 2020 15:03

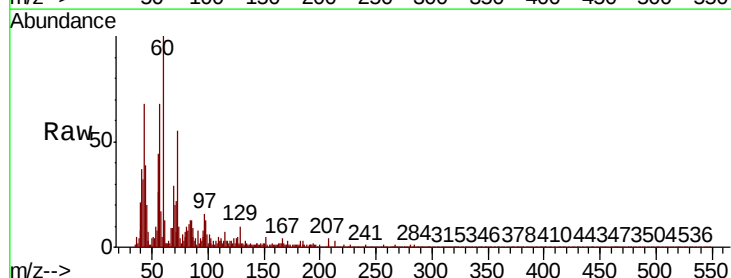
Tgt Ion:184 Resp: 50

Ion Ratio Lower Upper

184 100

63 193.7 51.6 77.4#

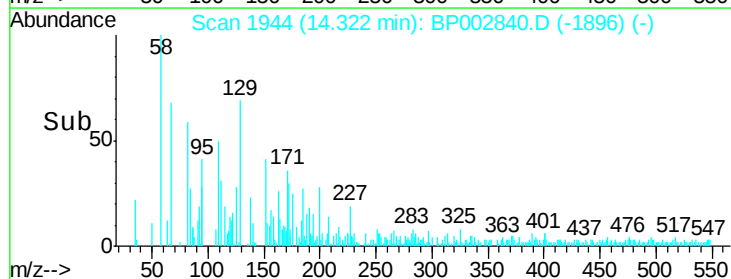
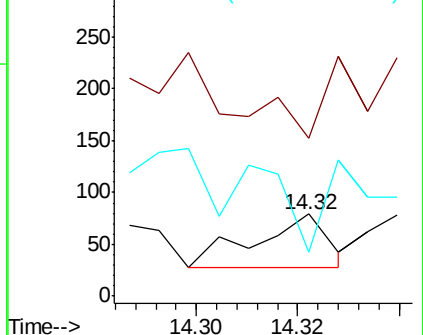
154 53.2 45.0 67.6

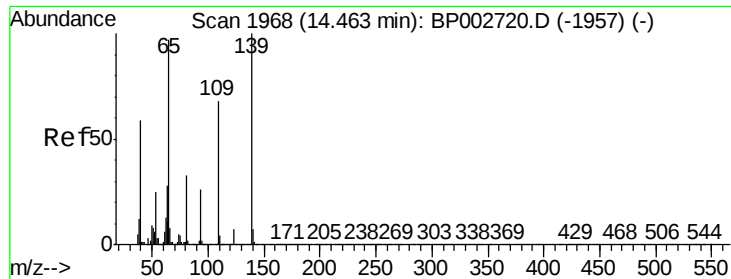


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E

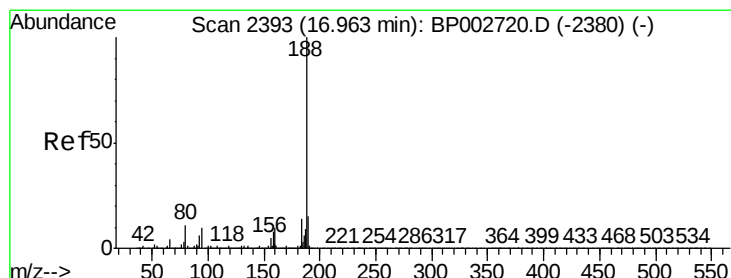
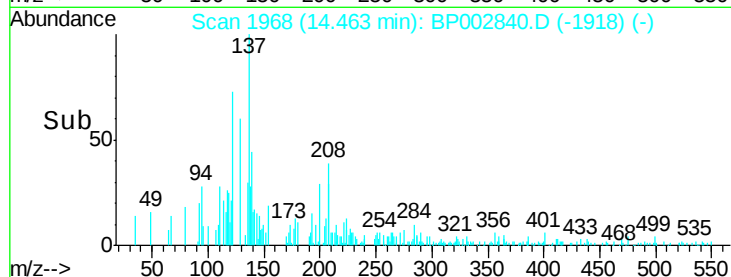
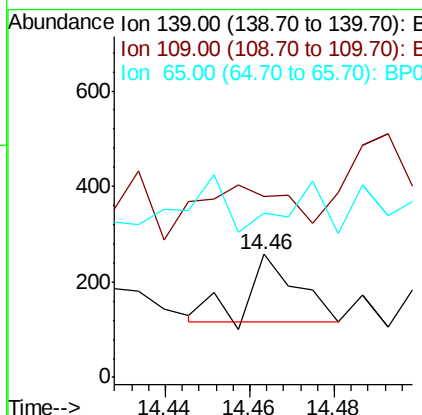
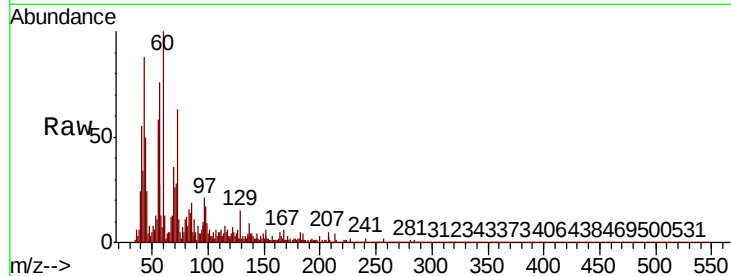




#56
4-Nitrophenol
Concen: 5.064 ng
RT: 14.46 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BP002840.D
Acq: 23 Jul 2020 15:03

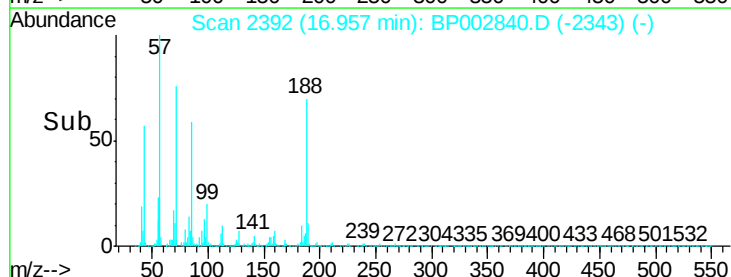
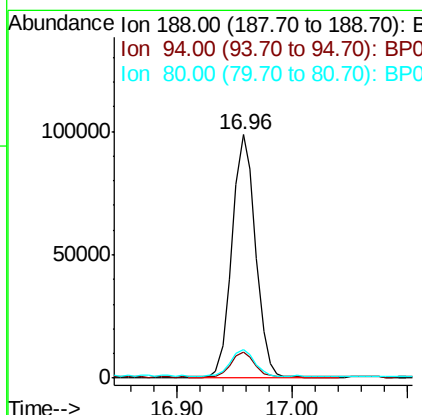
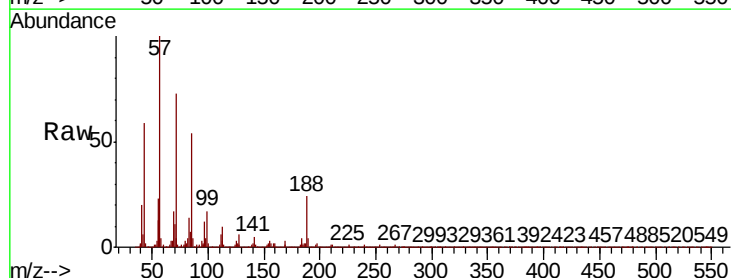
Instrument :
BNA_P
ClientSampleId :

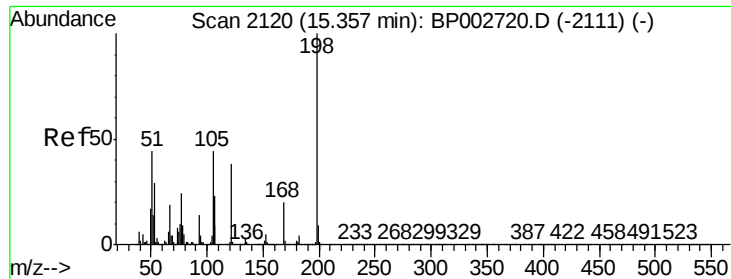
Tot Ion:139 Resp: 117
Ion Ratio Lower Upper
139 100
109 147.3 48.1 88.1#
65 133.7 77.9 117.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BP002840.D
Acq: 23 Jul 2020 15:03

Tgt Ion:188 Resp: 140472
Ion Ratio Lower Upper
188 100
94 10.8 8.1 12.1
80 12.0 8.9 13.3

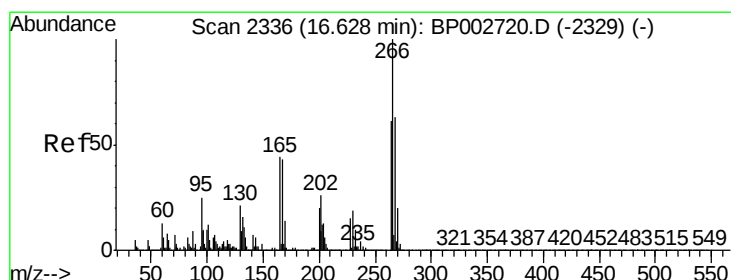
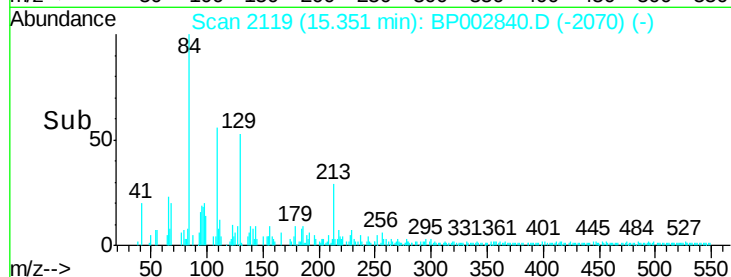
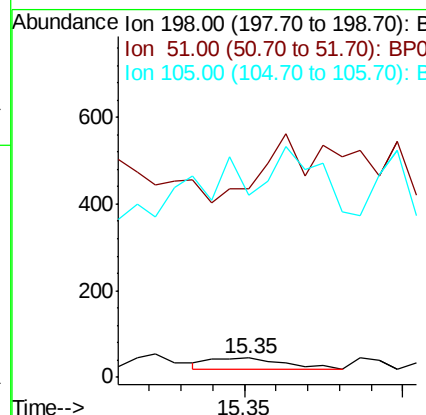
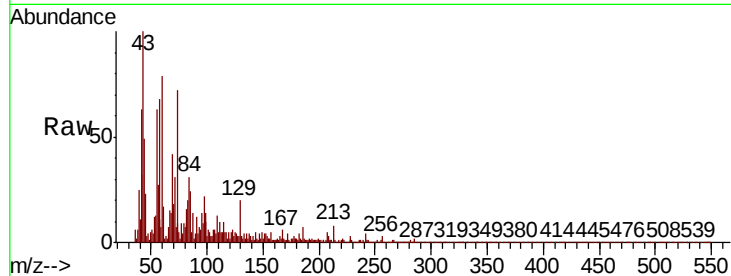




#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.313 ng
 RT: 15.35 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BP002840.D
 Acq: 23 Jul 2020 15:03

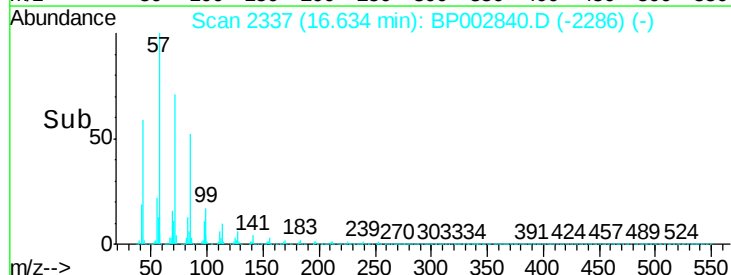
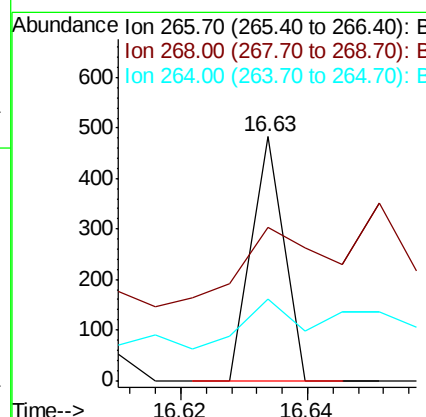
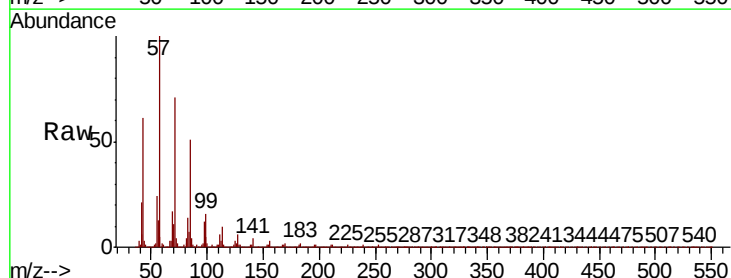
Instrument :
 BNA_P
 ClientSampleId :

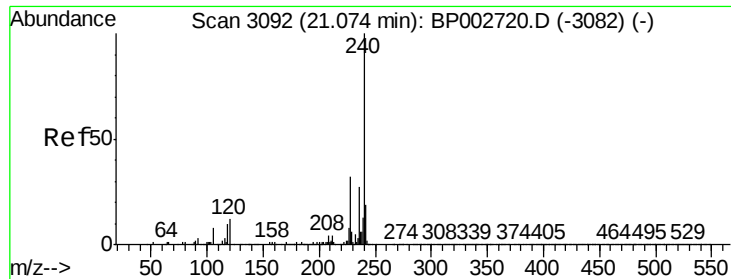
Tot Ion:198 Resp: 44
 Ion Ratio Lower Upper
 198 100
 51 966.7 27.1 67.1#
 105 935.6 24.9 64.9#



#70
 Pentachlorophenol
 Concen: 7.639 ng
 RT: 16.63 min Scan# 2337
 Delta R.T. 0.00 min
 Lab File: BP002840.D
 Acq: 23 Jul 2020 15:03

Tgt Ion:266 Resp: 170
 Ion Ratio Lower Upper
 266 100
 268 62.5 50.6 75.8
 264 33.5 48.6 72.8#

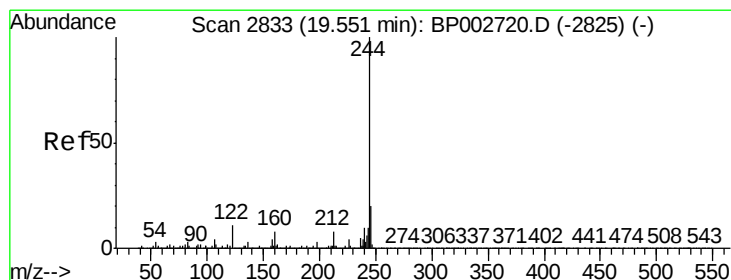
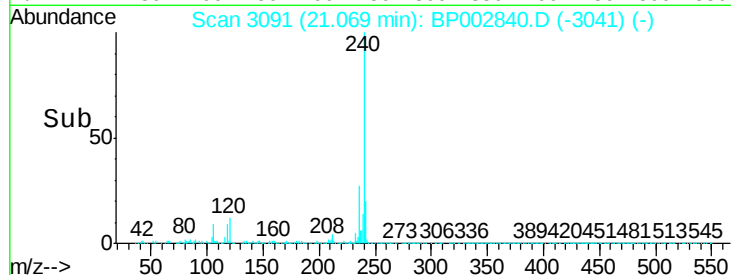
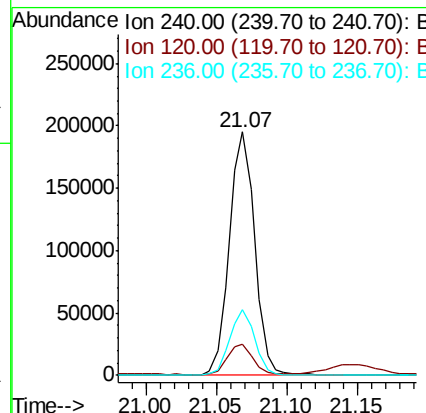
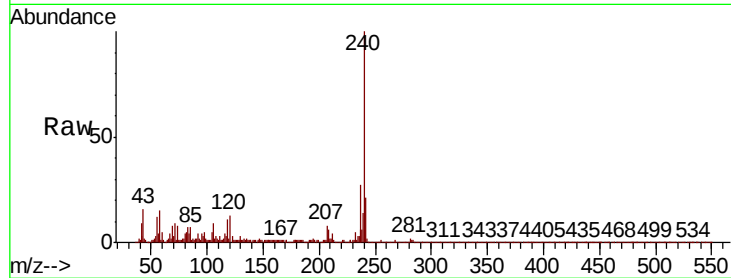




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.07 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BP002840.D
Acq: 23 Jul 2020 15:03

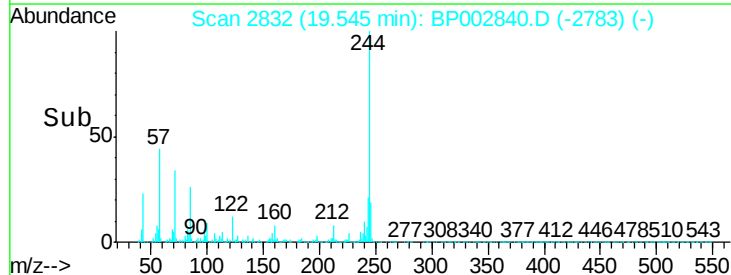
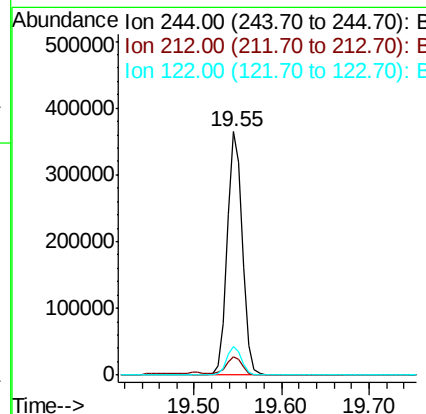
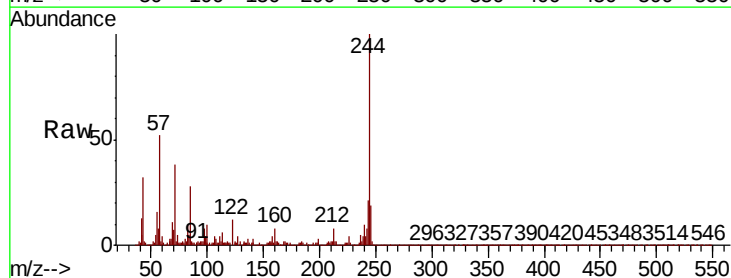
Instrument :
BNA_P
ClientSampleId :

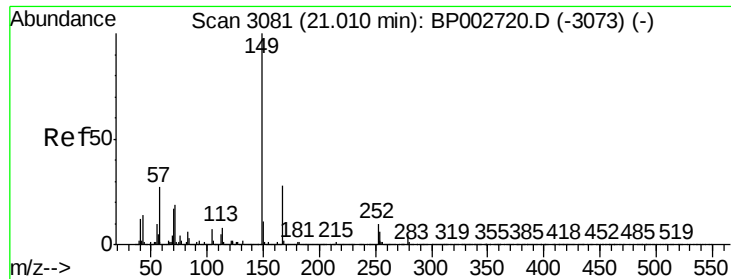
Tot Ion:240 Resp: 243125
Ion Ratio Lower Upper
240 100
120 12.7 9.4 14.2
236 27.1 21.3 31.9



#79
Terphenyl-d14
Concen: 41.365 ng
RT: 19.55 min Scan# 2832
Delta R.T. -0.01 min
Lab File: BP002840.D
Acq: 23 Jul 2020 15:03

Tgt Ion:244 Resp: 438638
Ion Ratio Lower Upper
244 100
212 7.8 6.0 9.0
122 11.9 8.9 13.3

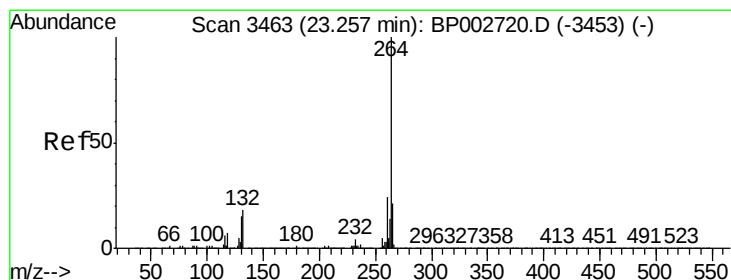
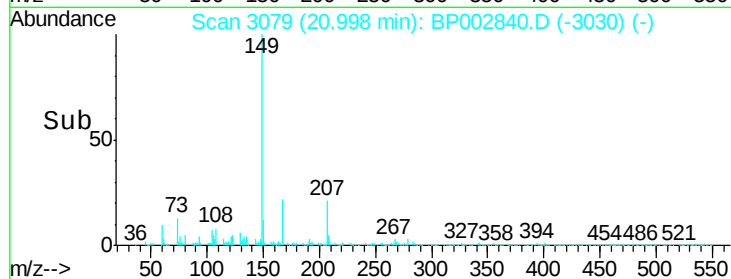
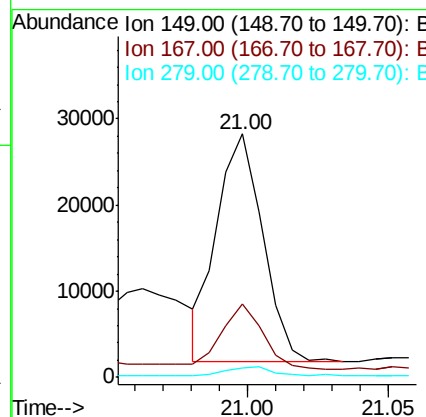
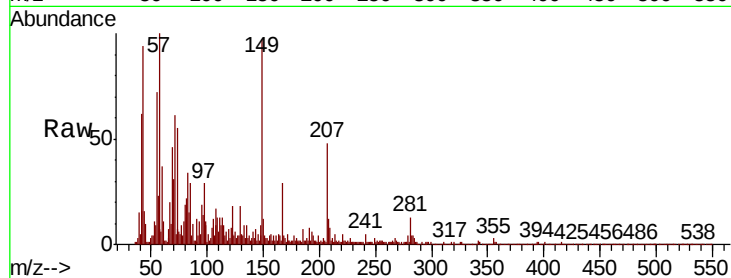




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.238 ng
 RT: 21.00 min Scan# 3079
 Delta R.T. -0.01 min
 Lab File: BP002840.D
 Acq: 23 Jul 2020 15:03

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:149 Resp: 29829
 Ion Ratio Lower Upper
 149 100
 167 30.2 22.4 33.6
 279 3.9 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.26 min Scan# 3463
 Delta R.T. -0.01 min
 Lab File: BP002840.D
 Acq: 23 Jul 2020 15:03

Tgt Ion:264 Resp: 356103
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.3 28.9
 265 21.5 16.8 25.2

