

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072320\
 Data File : BP002838.D
 Acq On : 23 Jul 2020 13:48
 Operator : CG/JU
 Sample : PB130378BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 23 15:19:12 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

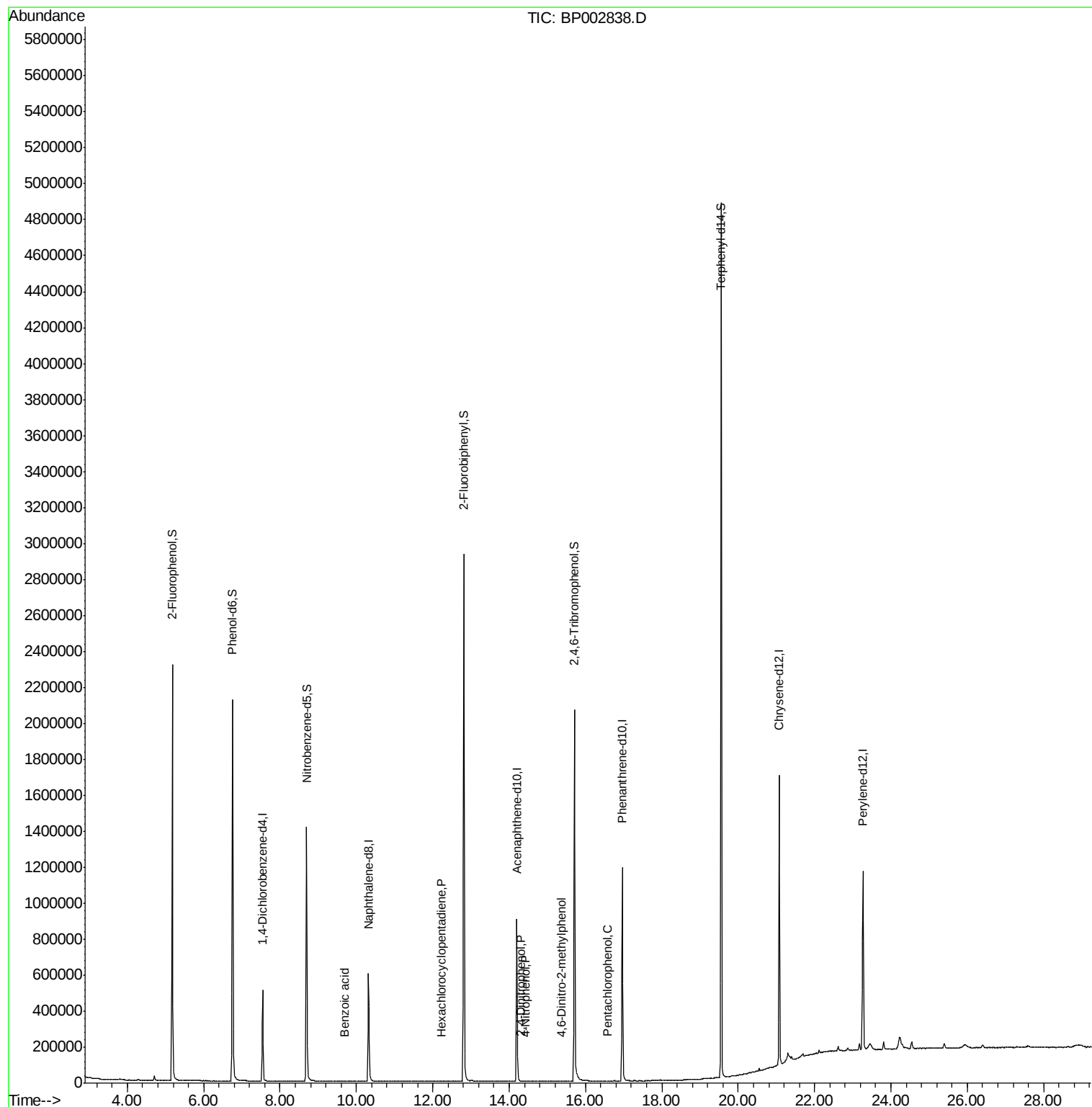
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	135621	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	534743	20.00	ng	-0.01
39) Acenaphthene-d10	14.20	164	334186	20.00	ng	-0.01
64) Phenanthrene-d10	16.96	188	742259	20.00	ng	0.00
76) Chrysene-d12	21.07	240	766354	20.00	ng	0.00
86) Perylene-d12	23.26	264	718544	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	1034713	128.72	ng	0.00
7) Phenol-d6	6.75	99	1333703	116.26	ng	0.00
23) Nitrobenzene-d5	8.69	82	871991	87.21	ng	-0.01
42) 2,4,6-Tribromophenol	15.71	330	441857	126.67	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	1692559	78.35	ng	0.00
79) Terphenyl-d14	19.55	244	2220219	66.42	ng	0.00
Target Compounds						
32) Benzoic acid	9.70	122	41	7.068	ng	# 1
41) Hexachlorocyclopentadiene	12.23	237	9	7.436	ng	# 75
54) 2,4-Dinitrophenol	14.30	184	15	11.378	ng	# 68
56) 4-Nitrophenol	14.44	139	33	4.978	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.35	198	15	5.269	ng	# 1
70) Pentachlorophenol	16.57	266	40	7.450	ng	94

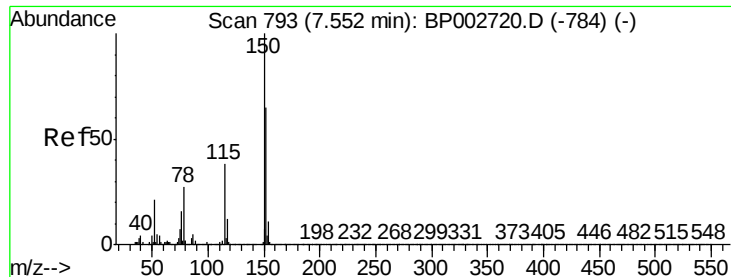
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072320\
Data File : BP002838.D
Acq On : 23 Jul 2020 13:48
Operator : CG/JU
Sample : PB130378BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Jul 23 15:19:12 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



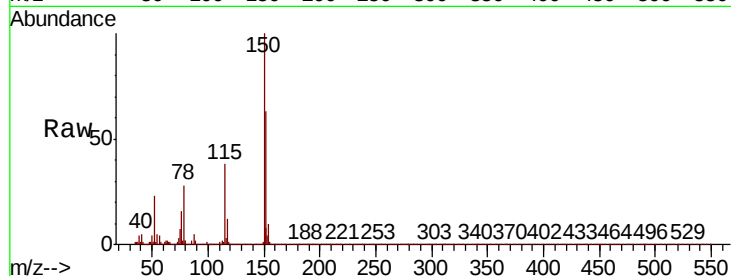


#1

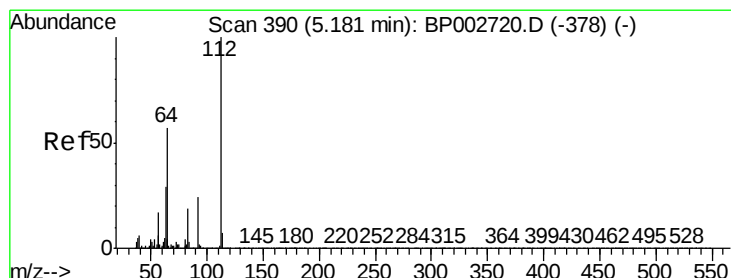
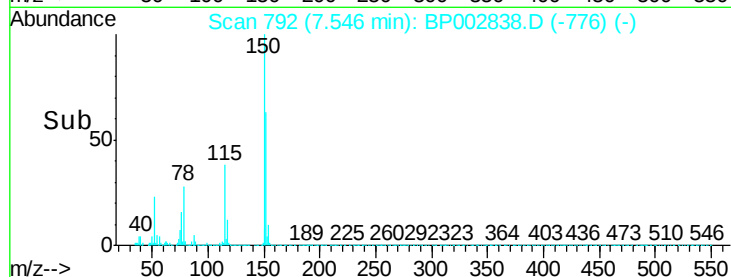
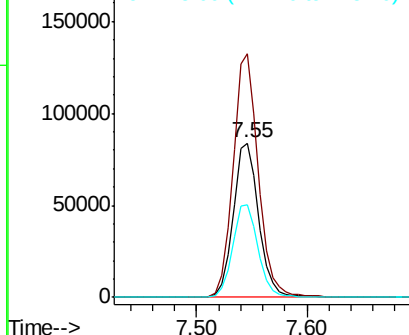
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 792
Delta R.T. -0.01 min
Lab File: BP002838.D
Acq: 23 Jul 2020 13:48

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	123.7	185.5
115	60.0	47.2	70.8



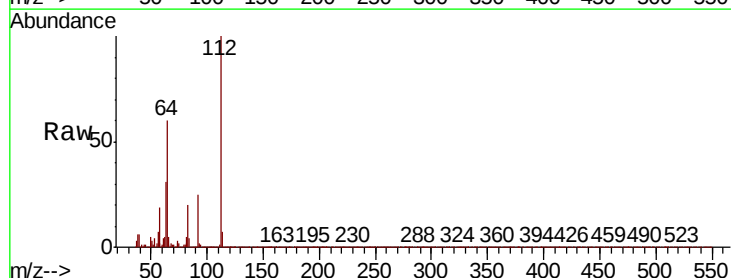
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



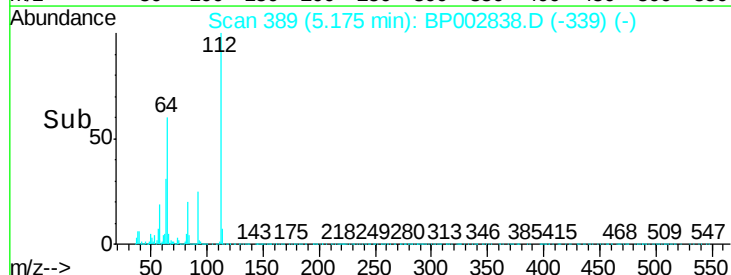
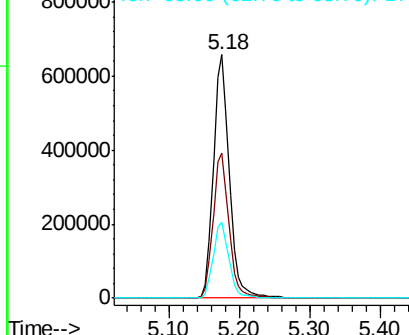
#5

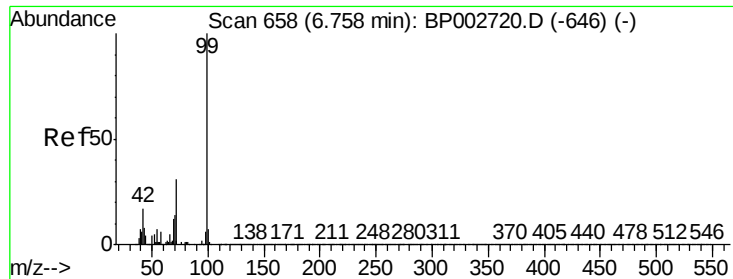
2-Fluorophenol
Concen: 128.723 ng
RT: 5.18 min Scan# 389
Delta R.T. -0.01 min
Lab File: BP002838.D
Acq: 23 Jul 2020 13:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	45.6	68.4
63	31.1	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: 116.257 ng

RT: 6.75 min Scan# 657

Delta R.T. -0.01 min

Lab File: BP002838.D

Acq: 23 Jul 2020 13:48

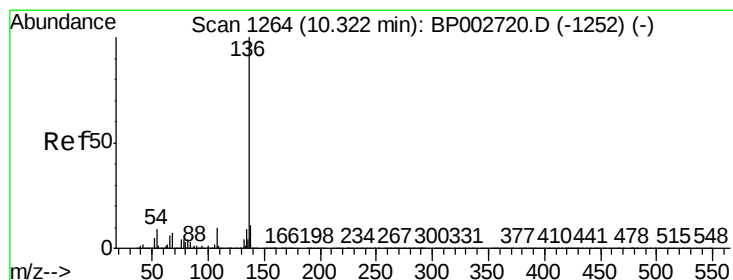
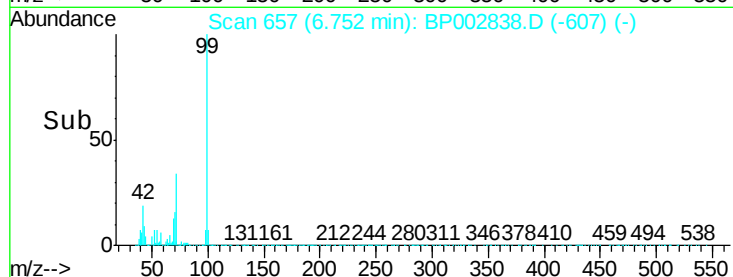
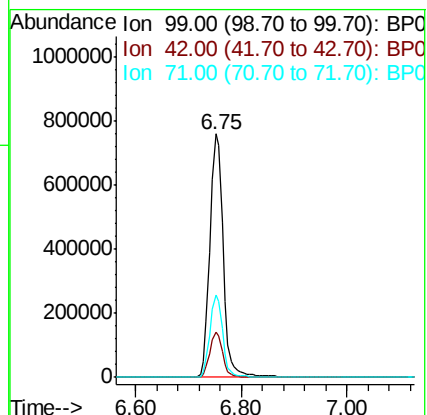
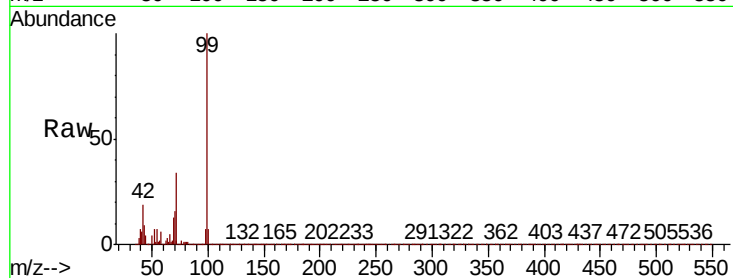
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1333703

Ion	Ratio	Lower	Upper
99	100		
42	18.6	13.4	20.2
71	33.7	24.6	36.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.32 min Scan# 1263

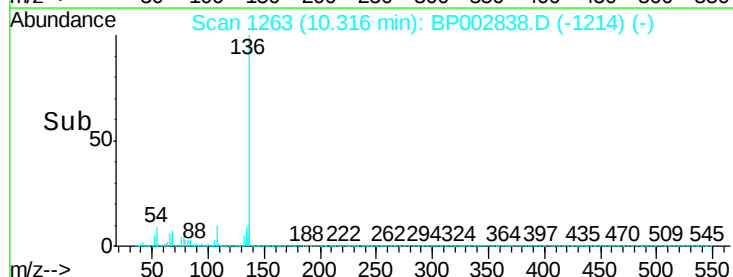
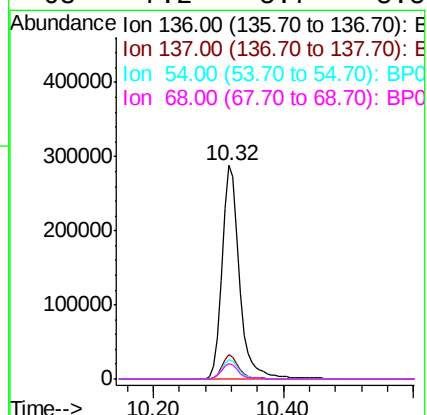
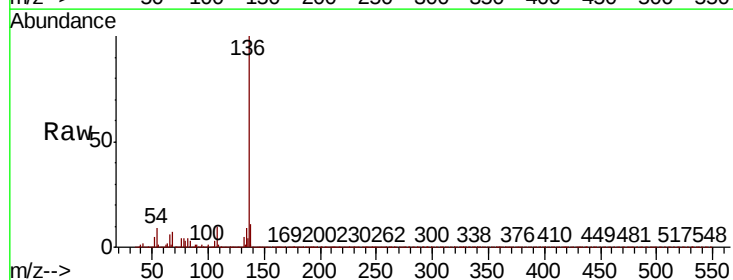
Delta R.T. -0.01 min

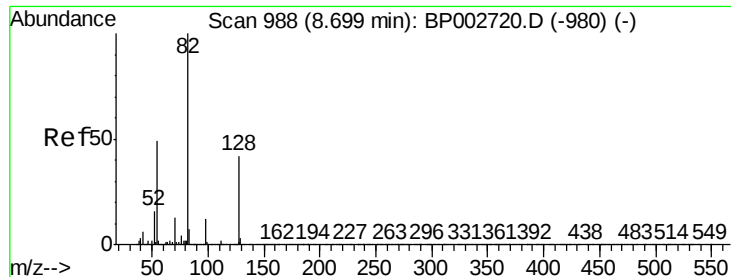
Lab File: BP002838.D

Acq: 23 Jul 2020 13:48

Tgt Ion: 136 Resp: 534743

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	8.9	6.9	10.3
68	7.2	5.7	8.5

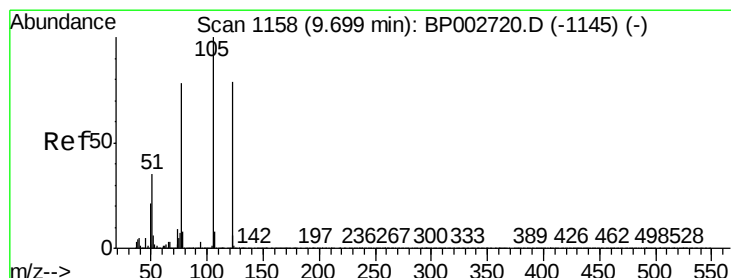
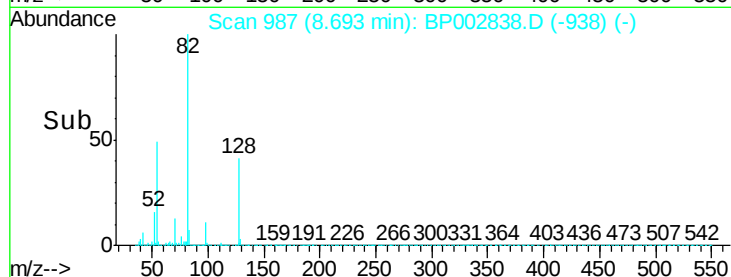
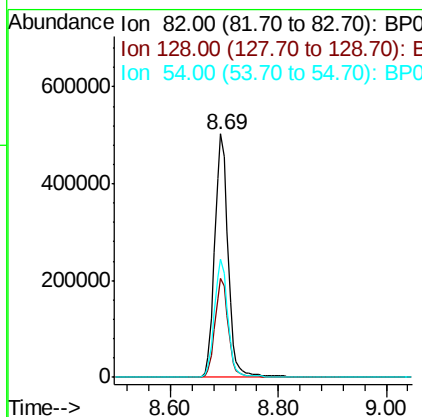
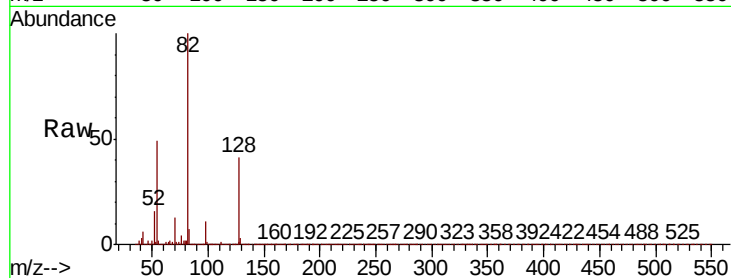




#23
Nitrobenzene-d5
Concen: 87.214 ng
RT: 8.69 min Scan# 987
Delta R.T. -0.01 min
Lab File: BP002838.D
Acq: 23 Jul 2020 13:48

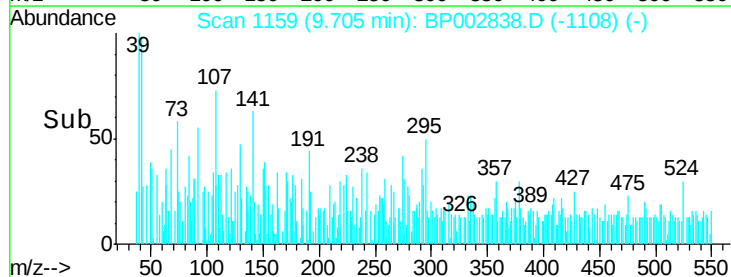
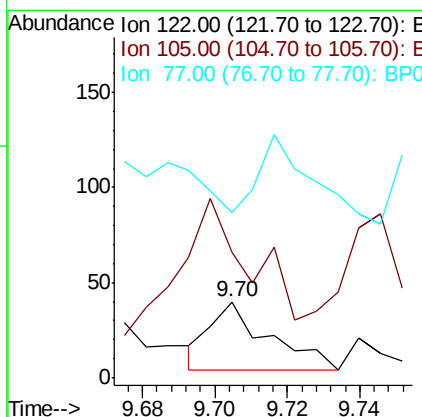
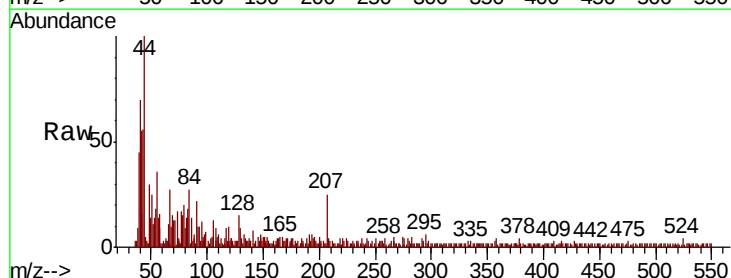
Instrument :
BNA_P
ClientSampleId :

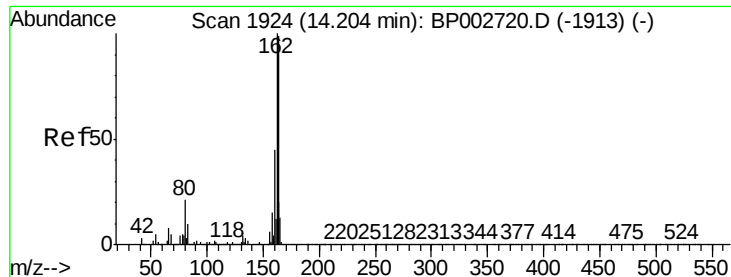
Tot Ion	82	Resp	871991
Ion Ratio	Lower	Upper	
82	100		
128	40.7	33.8	50.8
54	48.5	38.8	58.2



#32
Benzoic acid
Concen: 7.068 ng
RT: 9.70 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BP002838.D
Acq: 23 Jul 2020 13:48

Tgt Ion	122	Resp	41
Ion Ratio	Lower	Upper	
122	100		
105	220.0	105.4	145.4#
77	217.5	78.5	118.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.20 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BP002838.D

Acq: 23 Jul 2020 13:48

Instrument :

BNA_P

ClientSampleId :

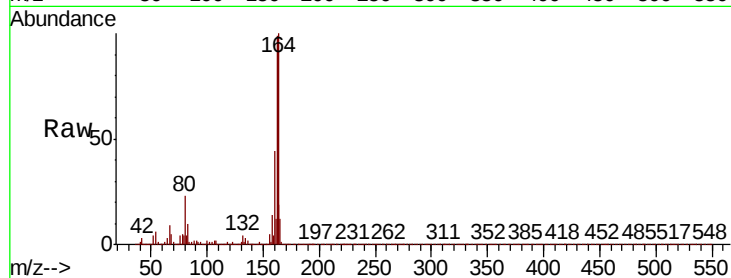
Tot Ion:164 Resp: 334186

Ion Ratio Lower Upper

164 100

162 99.3 80.6 121.0

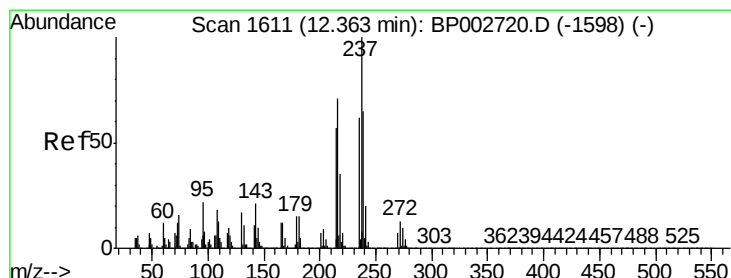
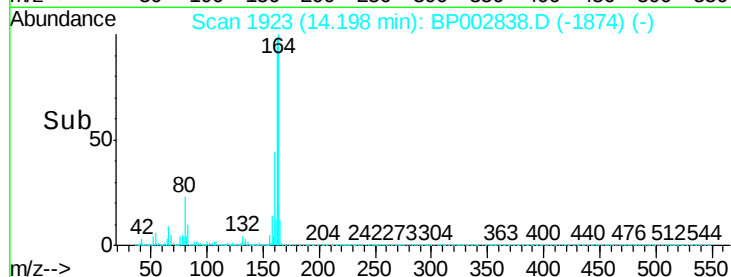
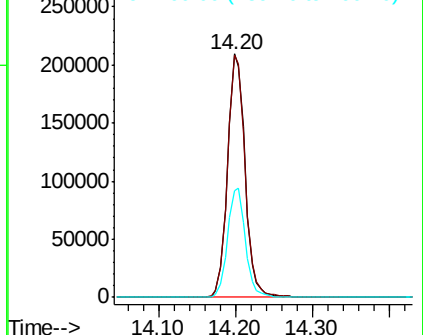
160 44.0 36.4 54.6



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: 7.436 ng

RT: 12.23 min Scan# 1588

Delta R.T. -0.13 min

Lab File: BP002838.D

Acq: 23 Jul 2020 13:48

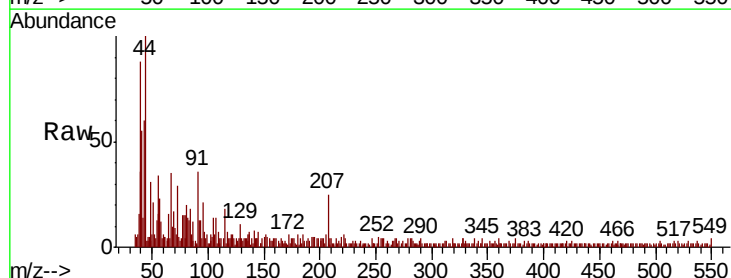
Tgt Ion:237 Resp: 9

Ion Ratio Lower Upper

237 100

235 43.8 42.3 82.3

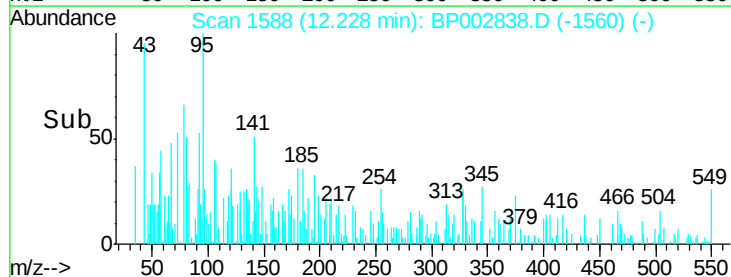
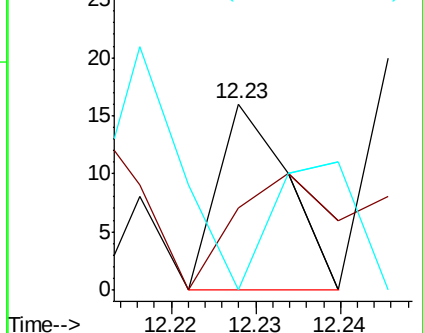
272 0.0 0.0 32.5

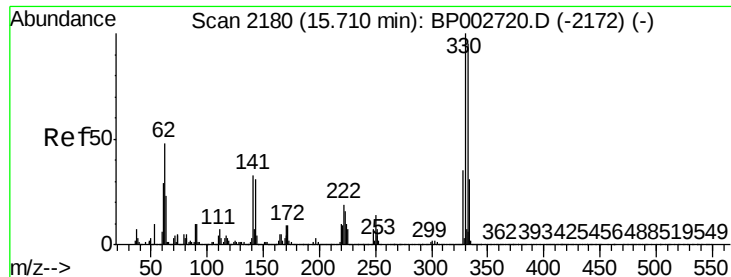


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

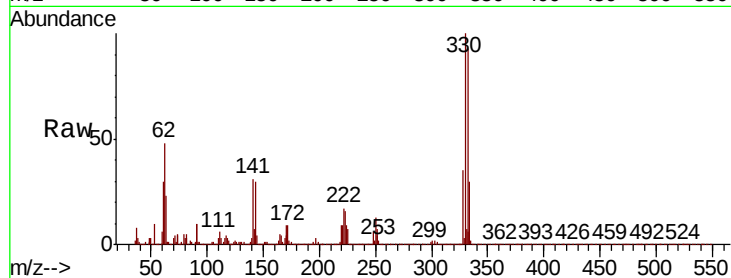




#42
2,4,6-Tribromophenol
Concen: 126.666 ng
RT: 15.71 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BP002838.D
Acq: 23 Jul 2020 13:48

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.5	114.7
141	35.1	28.8	43.2

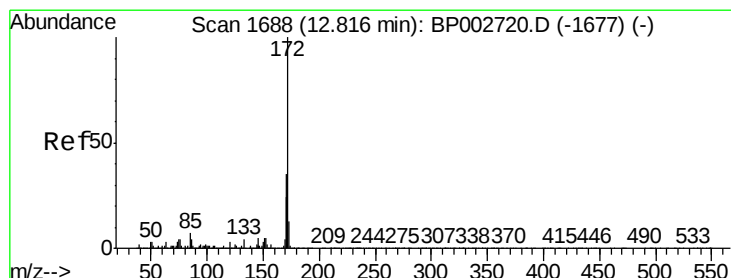
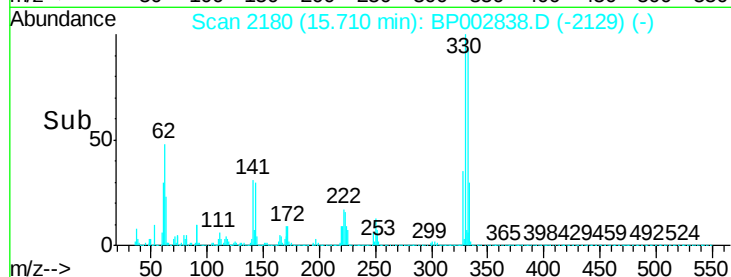
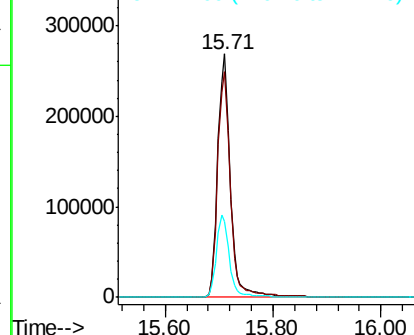


Abundance

Ion 329.80 (329.50 to 330.50): E

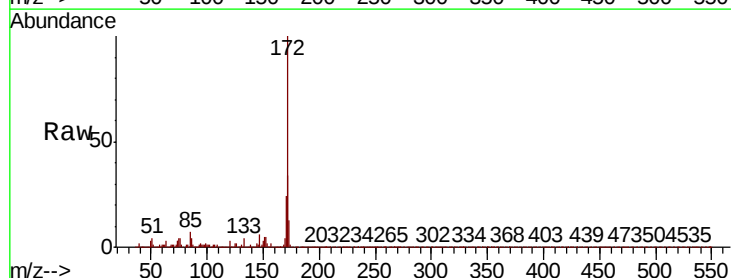
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 78.350 ng
RT: 12.82 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BP002838.D
Acq: 23 Jul 2020 13:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.1	42.1
170	24.5	19.3	28.9

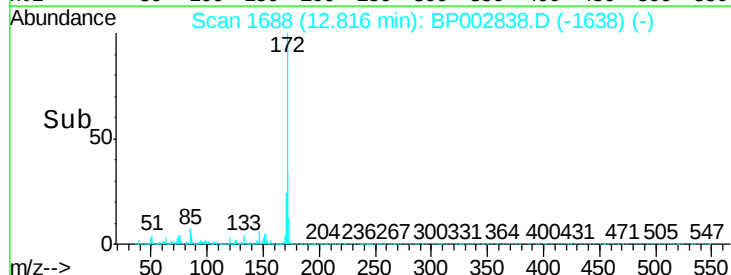
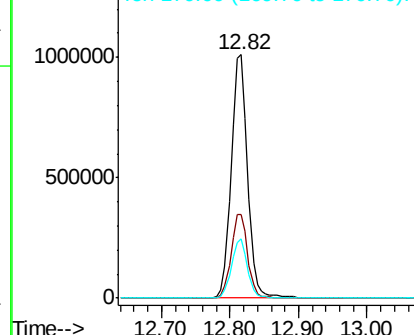


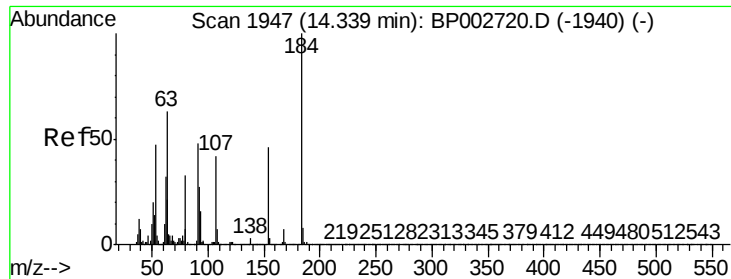
Abundance

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

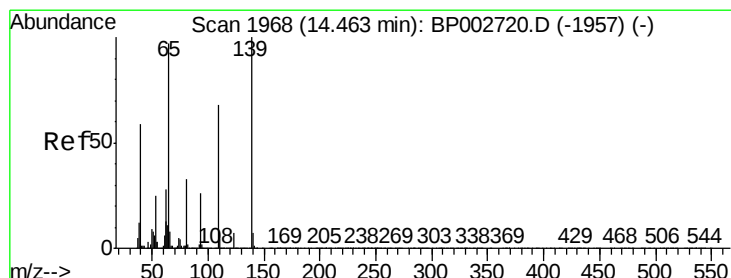
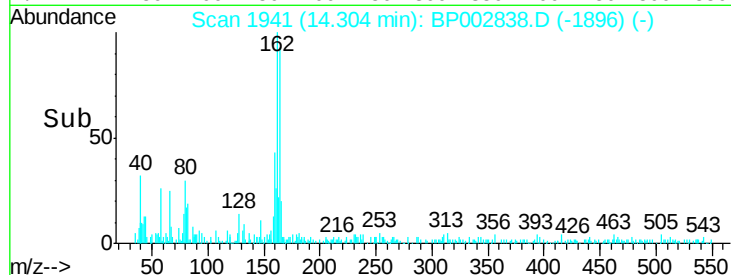
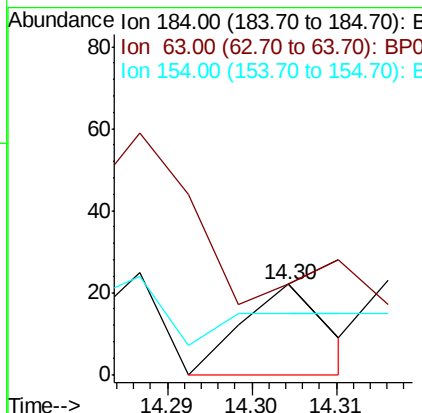
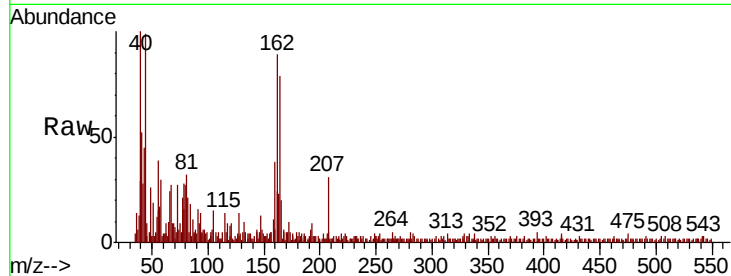




#54
 2,4-Dinitrophenol
 Concen: 11.378 ng
 RT: 14.30 min Scan# 1941
 Delta R.T. -0.04 min
 Lab File: BP002838.D
 Acq: 23 Jul 2020 13:48

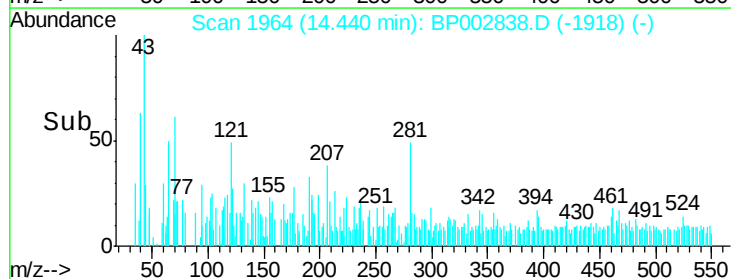
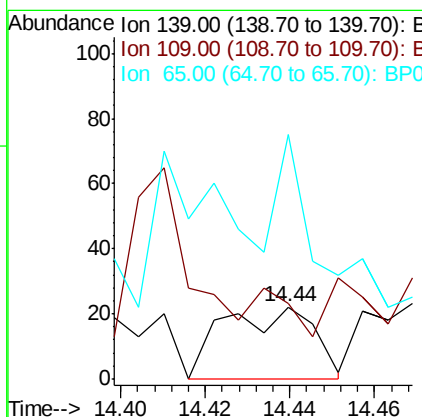
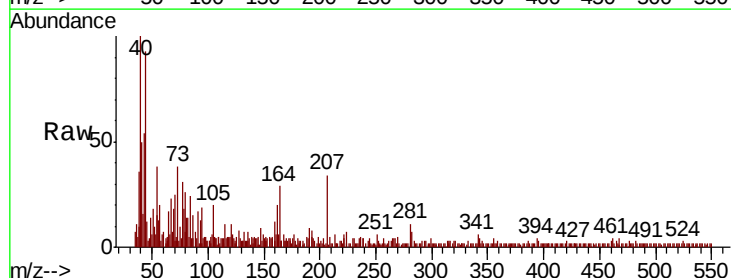
Instrument :
 BNA_P
 ClientSampled :

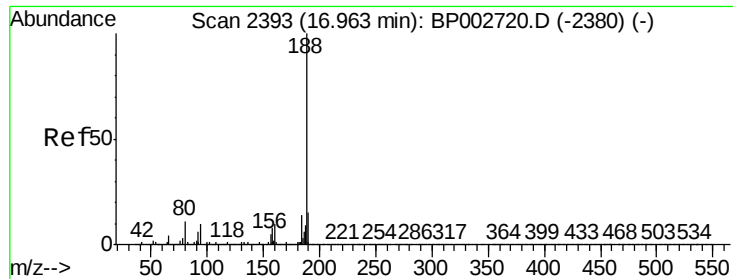
Tot Ion:184 Resp: 15
 Ion Ratio Lower Upper
 184 100
 63 100.0 51.6 77.4#
 154 68.2 45.0 67.6#



#56
 4-Nitrophenol
 Concen: 4.978 ng
 RT: 14.44 min Scan# 1964
 Delta R.T. -0.03 min
 Lab File: BP002838.D
 Acq: 23 Jul 2020 13:48

Tgt Ion:139 Resp: 33
 Ion Ratio Lower Upper
 139 100
 109 104.5 48.1 88.1#
 65 340.9 77.9 117.9#

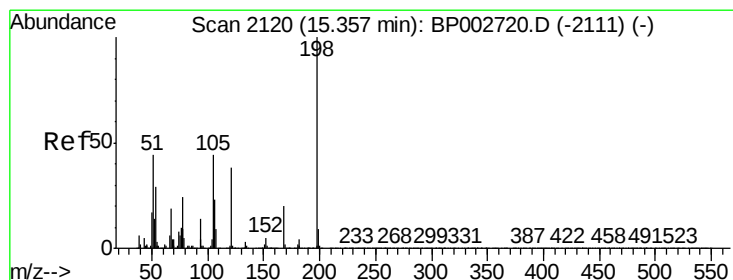
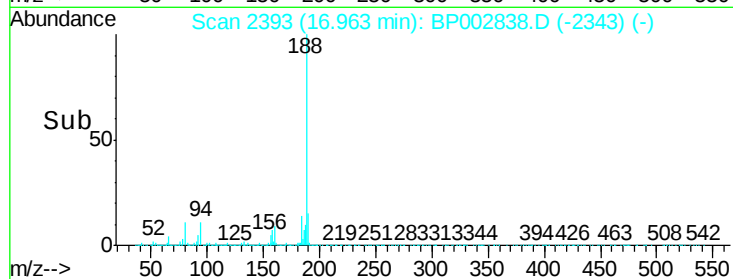
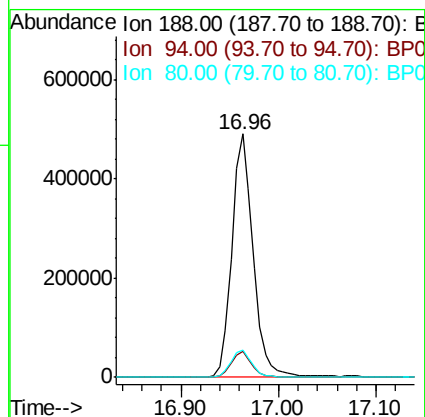
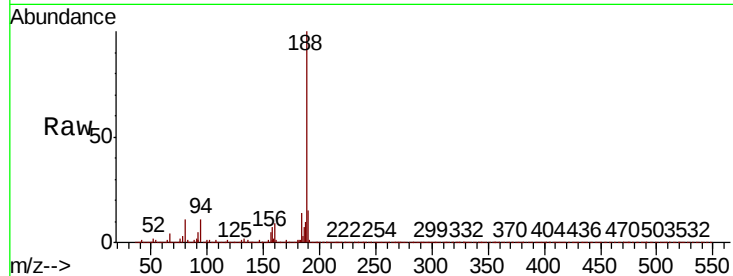




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BP002838.D
Acq: 23 Jul 2020 13:48

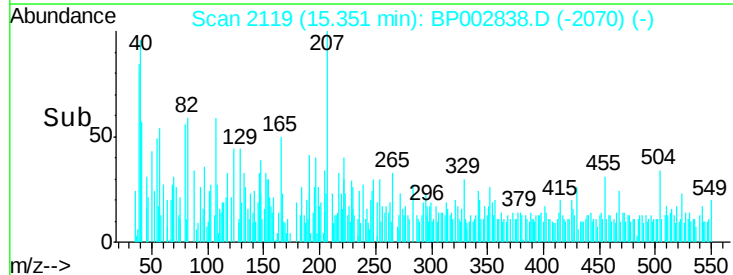
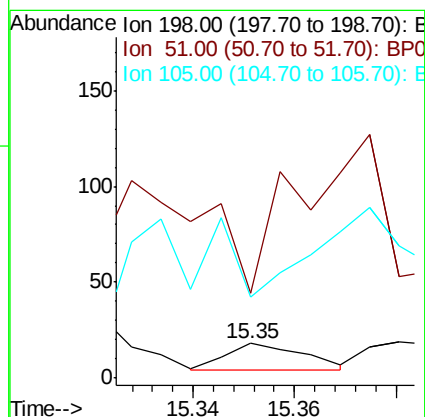
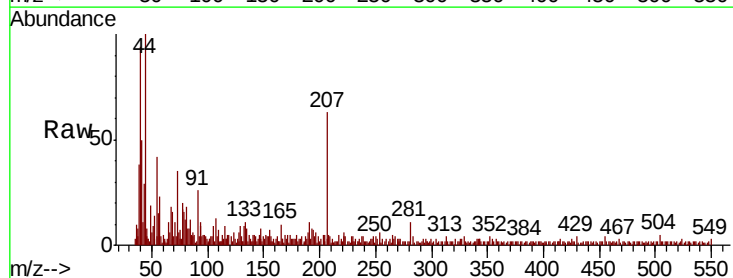
Instrument :
BNA_P
ClientSampleId :

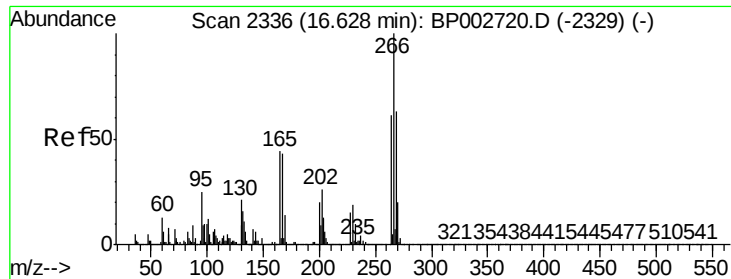
Tot Ion:188 Resp: 742259
Ion Ratio Lower Upper
188 100
94 10.6 8.1 12.1
80 11.4 8.9 13.3



#65
4,6-Dinitro-2-methylphenol
Concen: 5.269 ng
RT: 15.35 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BP002838.D
Acq: 23 Jul 2020 13:48

Tgt Ion:198 Resp: 15
Ion Ratio Lower Upper
198 100
51 244.4 27.1 67.1#
105 233.3 24.9 64.9#

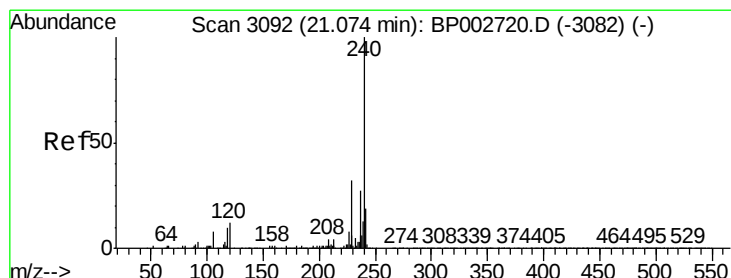
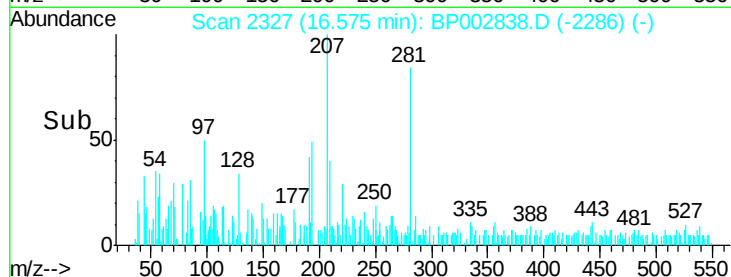
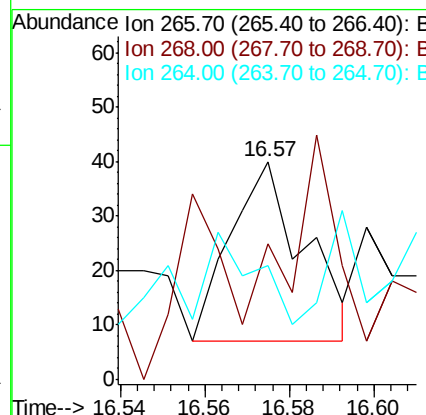
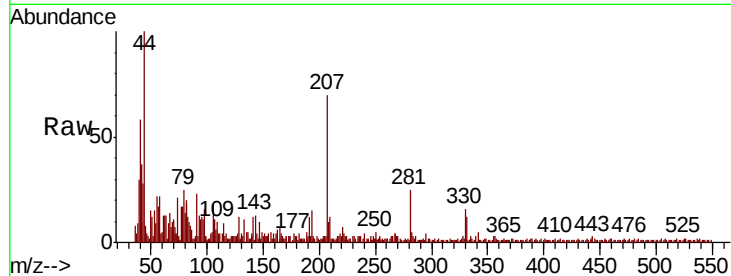




#70
 Pentachlorophenol
 Concen: 7.450 ng
 RT: 16.57 min Scan# 2327
 Delta R.T. -0.06 min
 Lab File: BP002838.D
 Acq: 23 Jul 2020 13:48

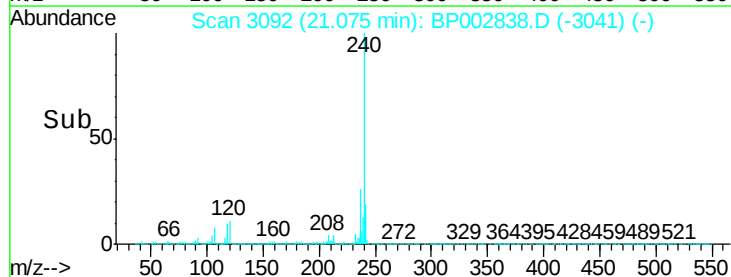
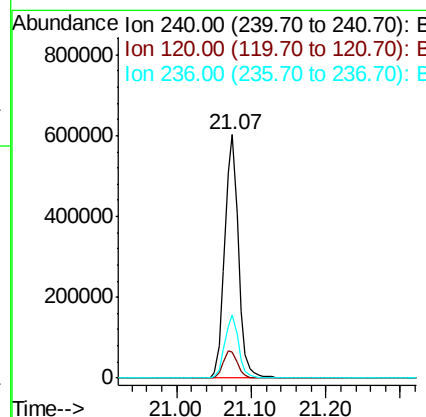
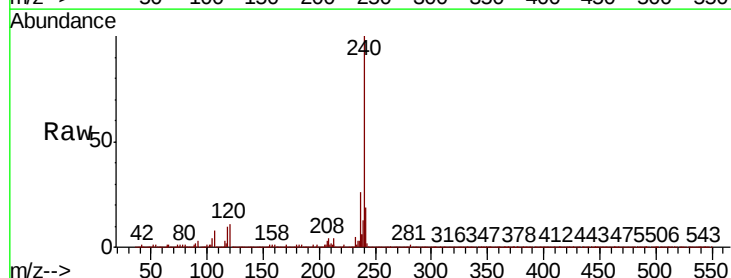
Instrument :
 BNA_P
 ClientSampleID :

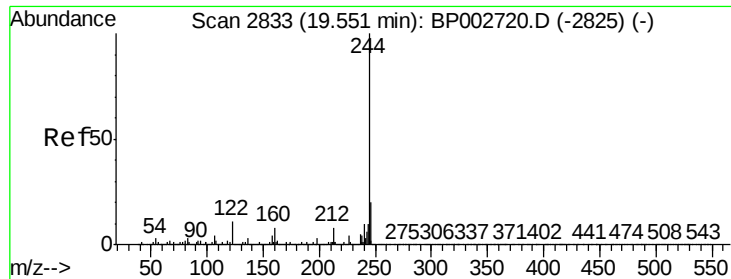
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.5	50.6	75.8
264	52.5	48.6	72.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.07 min Scan# 3092
 Delta R.T. 0.00 min
 Lab File: BP002838.D
 Acq: 23 Jul 2020 13:48

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.4	14.2
236	26.0	21.3	31.9





#79

Terphenyl-d14

Concen: 66.423 ng

RT: 19.55 min Scan# 2833

Delta R.T. -0.01 min

Lab File: BP002838.D

Acq: 23 Jul 2020 13:48

Instrument :

BNA_P

ClientSampleId :

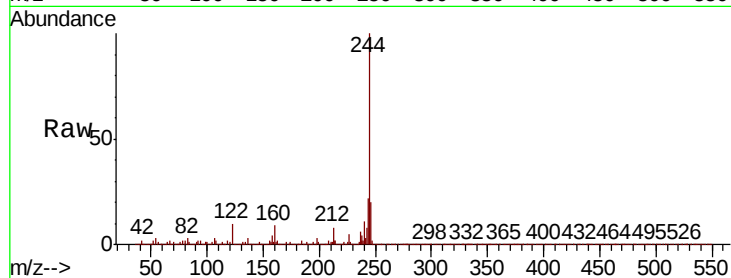
Tot Ion:244 Resp: 2220219

Ion Ratio Lower Upper

244 100

212 8.4 6.0 9.0

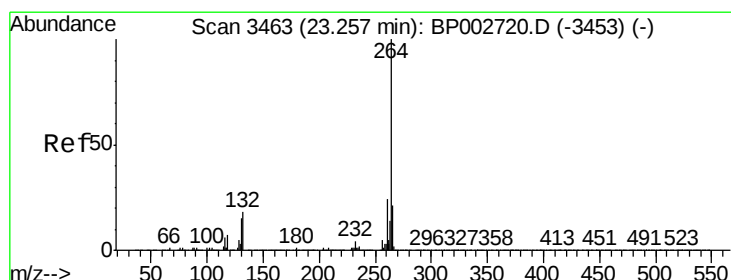
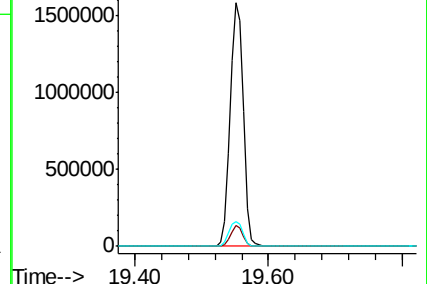
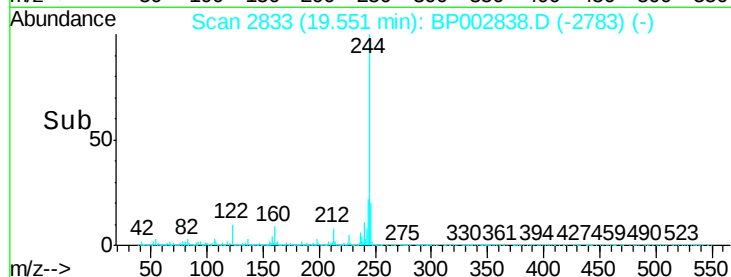
122 10.4 8.9 13.3



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: 23.26 min Scan# 3464

Delta R.T. 0.00 min

Lab File: BP002838.D

Acq: 23 Jul 2020 13:48

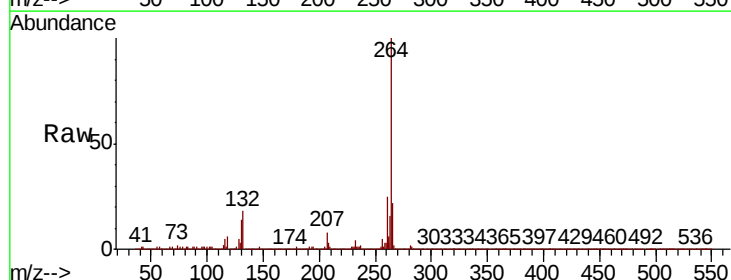
Tgt Ion:264 Resp: 718544

Ion Ratio Lower Upper

264 100

260 25.0 19.3 28.9

265 22.4 16.8 25.2



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

