

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101119\
 Data File : BP000640.D
 Acq On : 11 Oct 2019 18:46
 Operator : JU
 Sample : K5266-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 11 23:09:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 01 18:03:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	269219	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	983869	20.00	ng	-0.02
39) Acenaphthene-d10	9.79	164	566821	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	1043730	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	861785	20.00	ng	-0.02
87) Perylene-d12	15.44	264	930107	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	603844	36.05	ng	-0.02
7) Phenol-d6	6.39	99	951552	47.15	ng	-0.02
23) Nitrobenzene-d5	7.31	82	1511581	93.83	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	199133	32.97	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	2829345	80.76	ng	-0.02
79) Terphenyl-d14	12.90	244	3262651	76.65	ng	-0.01

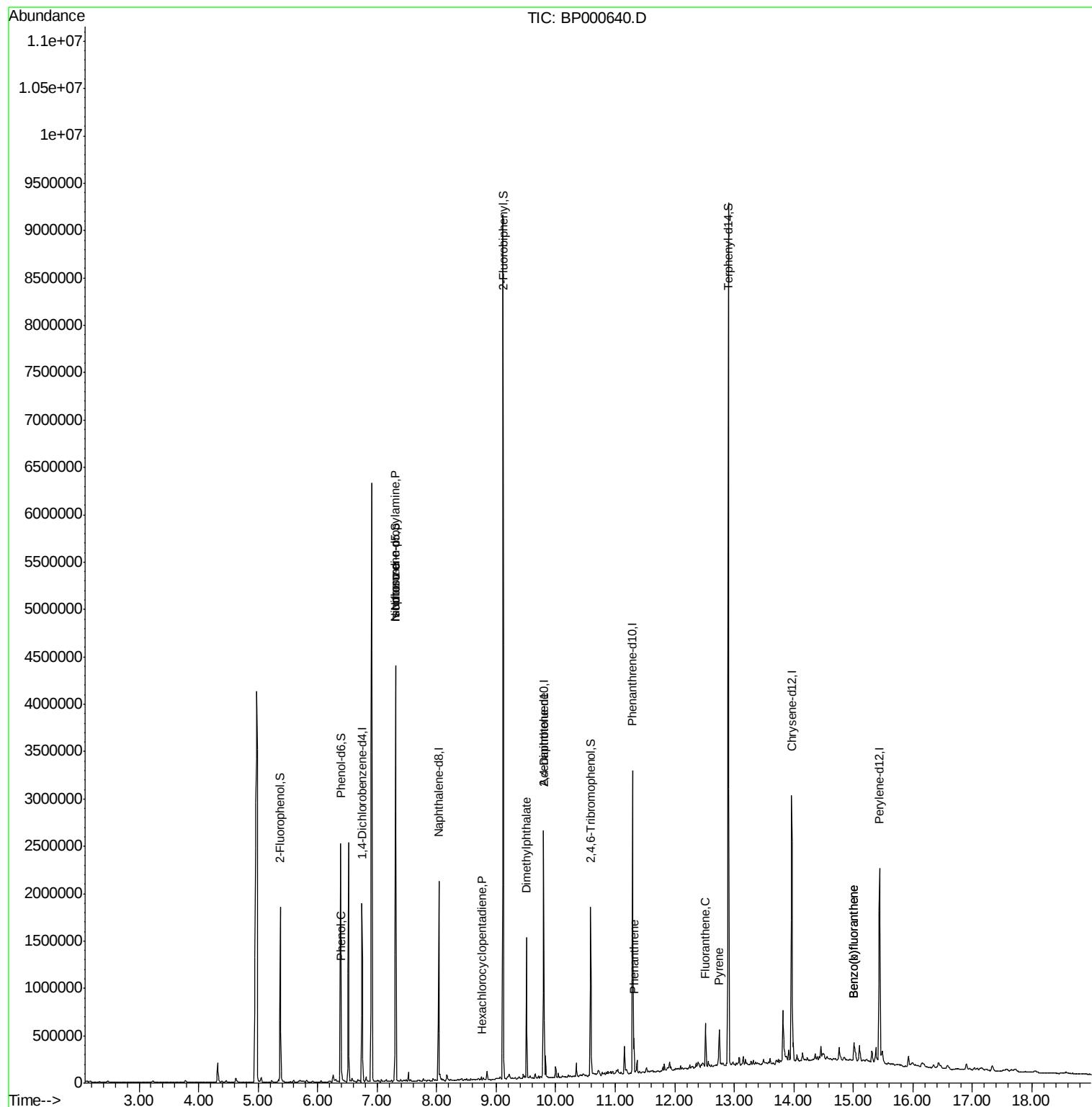
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.40	94	82248	3.980	ng	90
19) n-Nitroso-di-n-propylamine	7.31	70	186788	20.079	ng	# 73
25) Isophorone	7.31	82	1510763	52.842	ng	# 61
41) Hexachlorocyclopentadiene	8.76	237	11	7.298	ng	89
50) Dimethylphthalate	9.51	163	527811	13.401	ng	100
57) 2,4-Dinitrotoluene	9.79	165	75564	6.635	ng	# 31
71) Phenanthrene	11.32	178	120628	2.301	ng	100
75) Fluoranthene	12.52	202	168445	2.861	ng	98
78) Pyrene	12.75	202	160874	2.707	ng	99
88) Benzo(b)fluoranthene	15.01	252	139065	2.635	ng	96
89) Benzo(k)fluoranthene	15.01	252	139065	2.768	ng	# 97

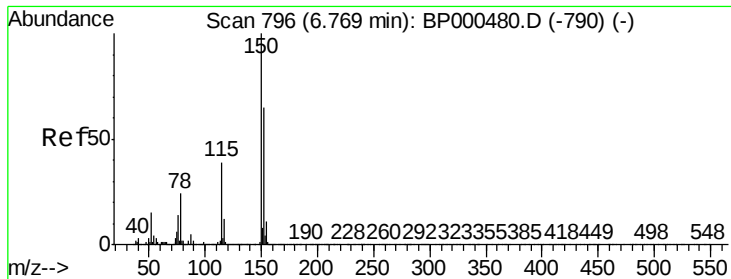
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101119\
Data File : BP000640.D
Acq On : 11 Oct 2019 18:46
Operator : JU
Sample : K5266-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Oct 11 23:09:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 01 18:03:42 2019
Response via : Initial Calibration



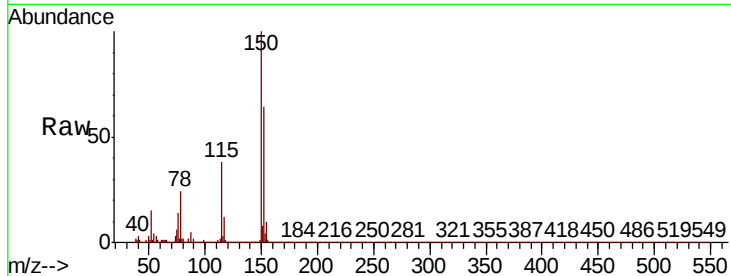


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BP000640.D
Acq: 11 Oct 2019 18:46

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.1	186.1
115	59.5	48.7	73.1

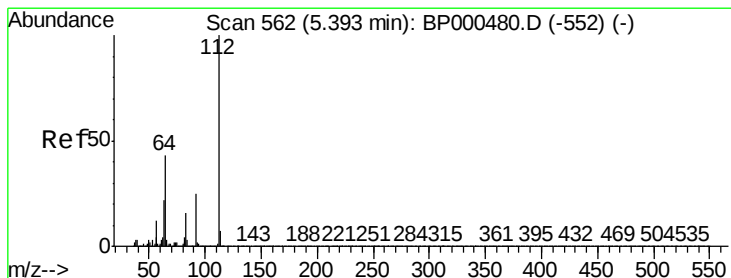
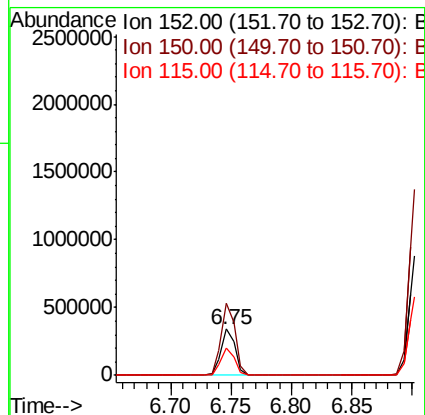
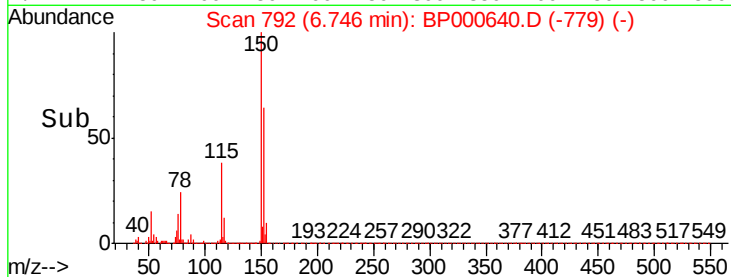


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

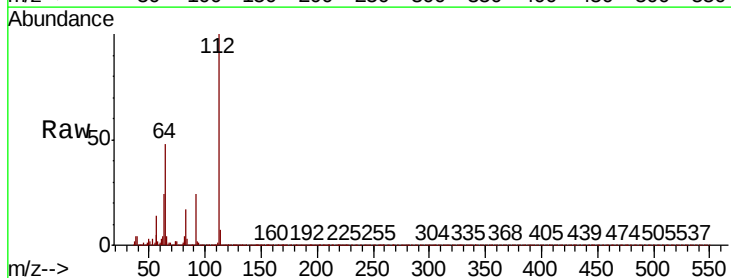
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 36.054 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.02 min
Lab File: BP000640.D
Acq: 11 Oct 2019 18:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	47.6	34.2	51.4
63	24.0	17.9	26.9

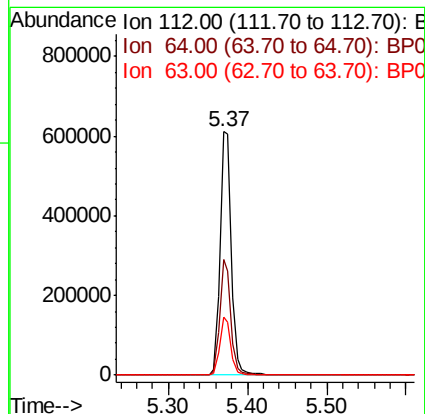
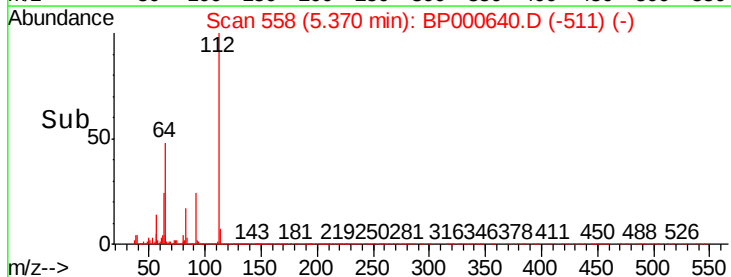


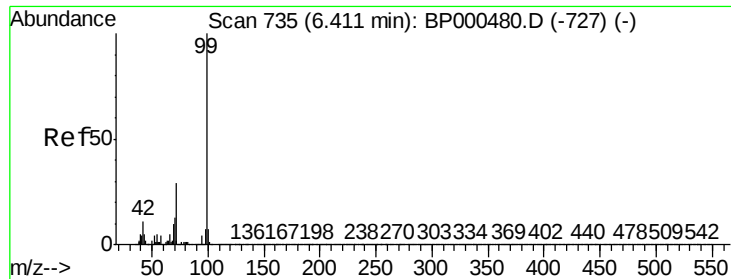
Abundance

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: 47.148 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BP000640.D

Acq: 11 Oct 2019 18:46

Instrument :

BNA_P

ClientSampled :

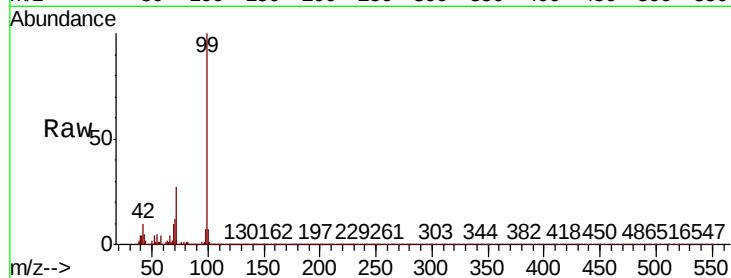
Tot Ion: 99 Resp: 951552

Ion Ratio Lower Upper

99 100

42 10.4 8.6 12.8

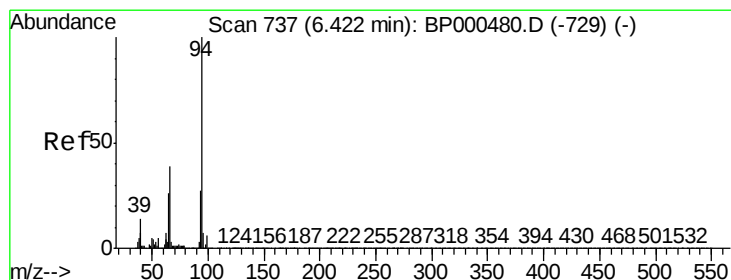
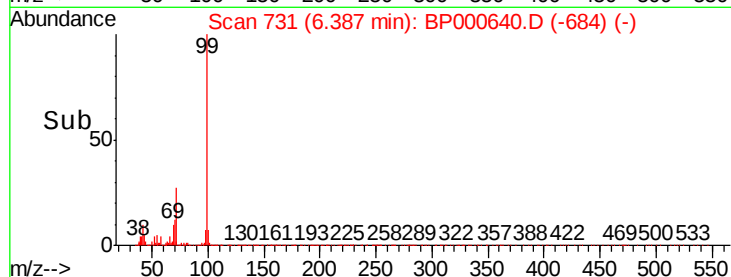
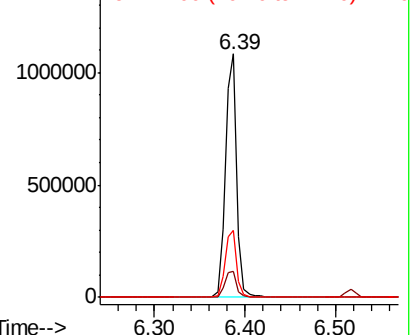
71 27.5 23.0 34.4



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



#10

Phenol

Concen: 3.980 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BP000640.D

Acq: 11 Oct 2019 18:46

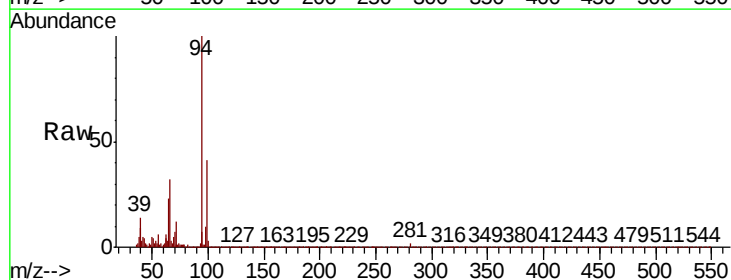
Tgt Ion: 94 Resp: 82248

Ion Ratio Lower Upper

94 100

65 22.5 5.9 45.9

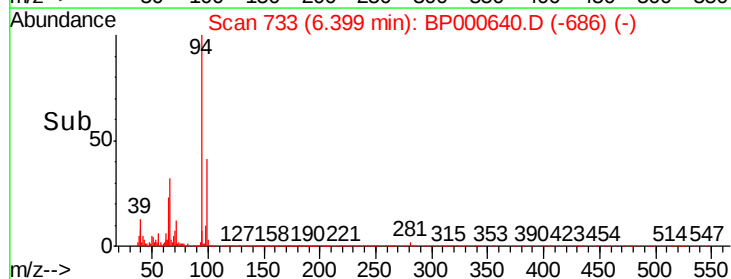
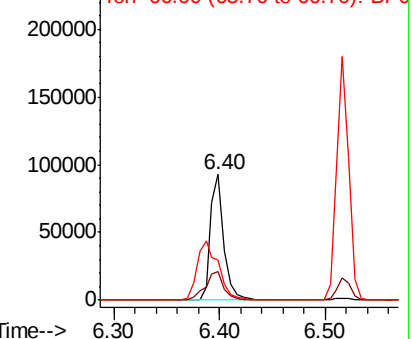
66 31.5 18.8 58.8

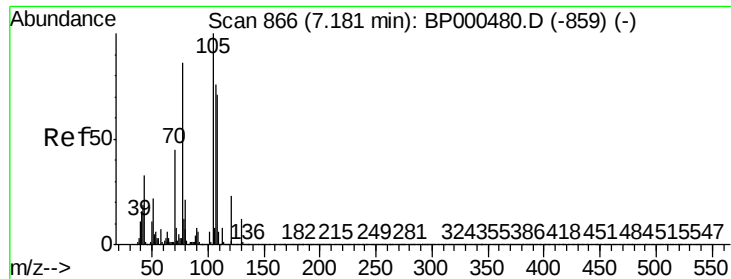


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

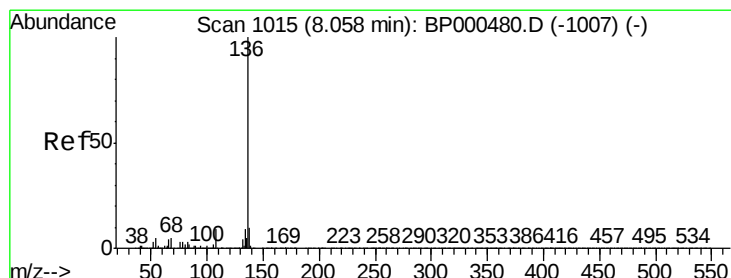
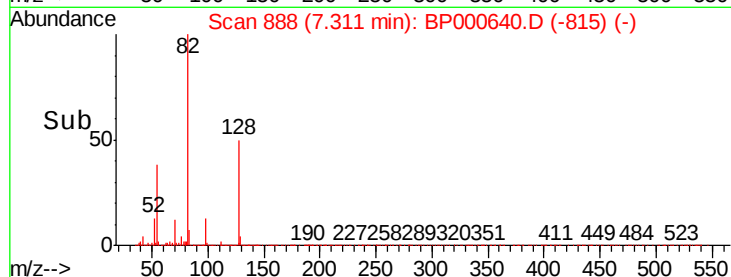
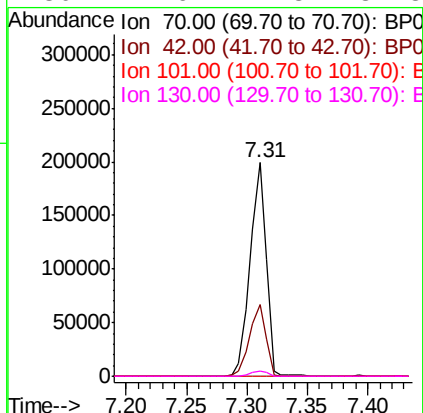
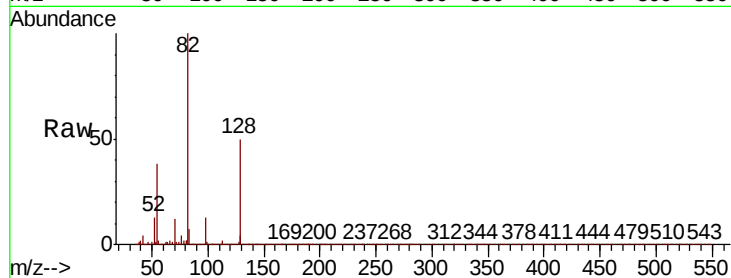




#19
n-Nitroso-di-n-propylamine
Concen: 20.079 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.13 min
Lab File: BP000640.D
Acq: 11 Oct 2019 18:46

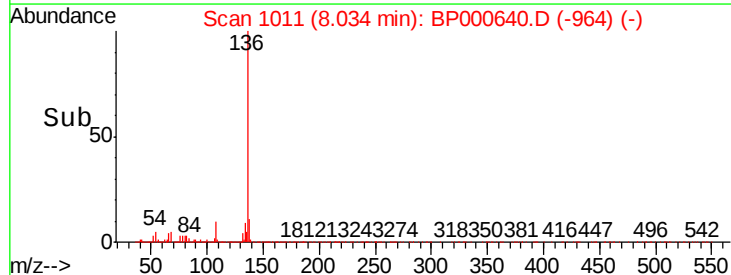
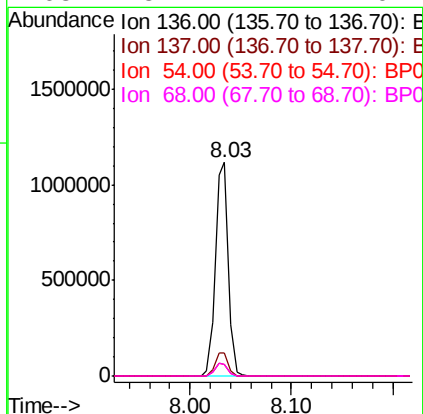
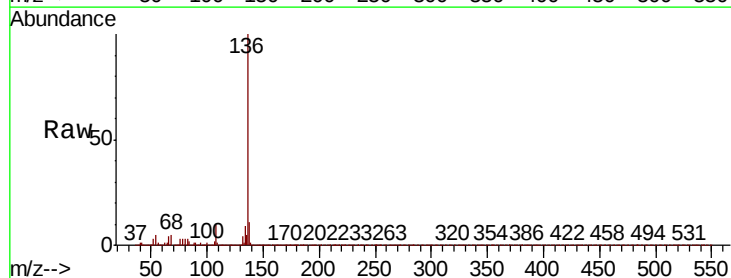
Instrument :
BNA_P
ClientSampleId :

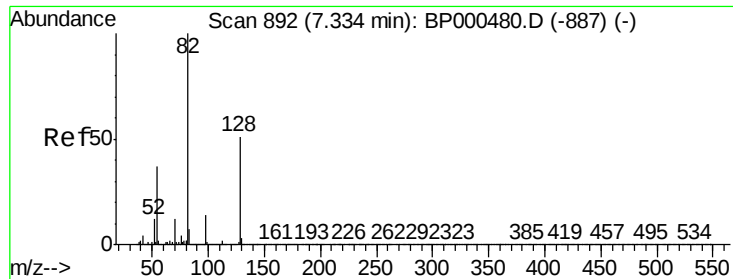
Tot Ion:	70	Resp:	186788
Ion	Ratio	Lower	Upper
70	100		
42	33.7	33.2	49.8
101	0.0	9.9	14.9#
130	2.6	21.8	32.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000640.D
Acq: 11 Oct 2019 18:46

Tgt Ion:	136	Resp:	983869
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.2	12.4
54	5.2	4.1	6.1
68	5.2	4.1	6.1

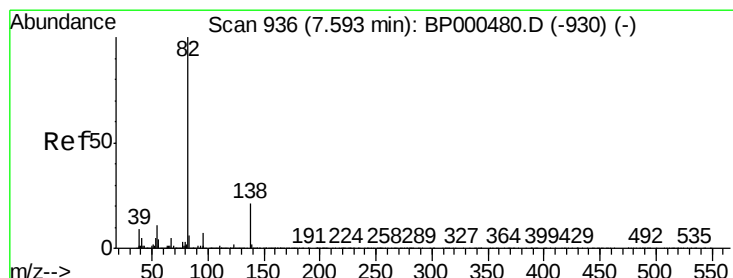
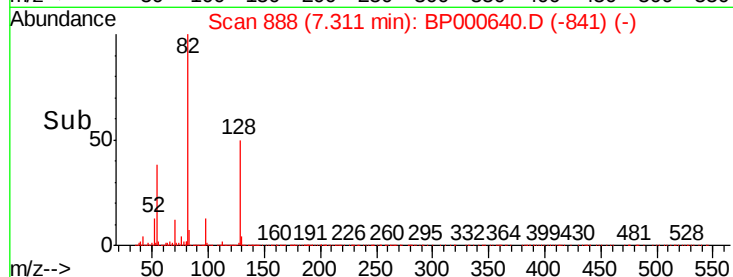
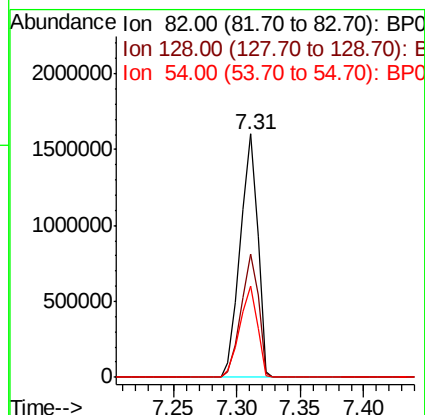
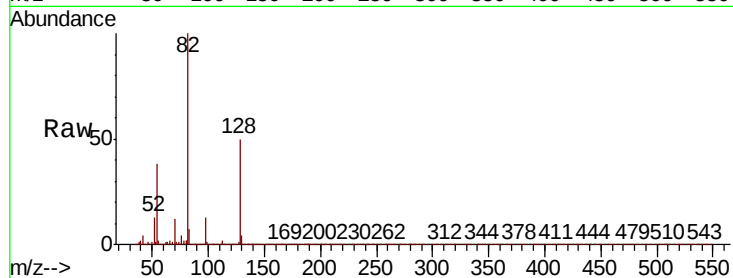




#23
Nitrobenzene-d5
Concen: 93.834 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000640.D
Acq: 11 Oct 2019 18:46

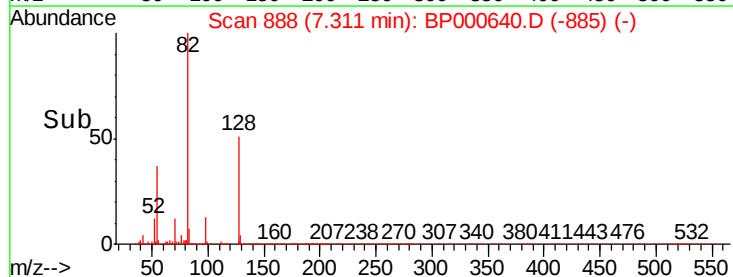
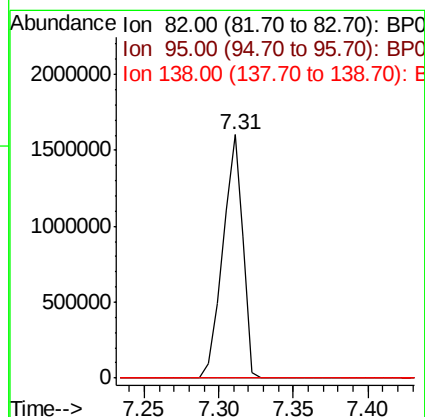
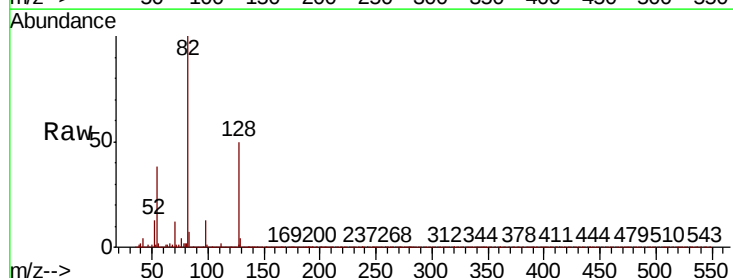
Instrument :
BNA_P
ClientSampleId :

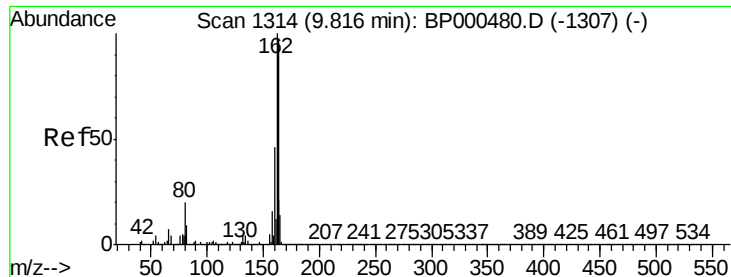
Tot Ion: 82 Resp: 1511581
Ion Ratio Lower Upper
82 100
128 50.4 40.9 61.3
54 37.6 29.4 44.2



#25
Isophorone
Concen: 52.842 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.28 min
Lab File: BP000640.D
Acq: 11 Oct 2019 18:46

Tgt Ion: 82 Resp: 1510763
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 17.0 25.4#

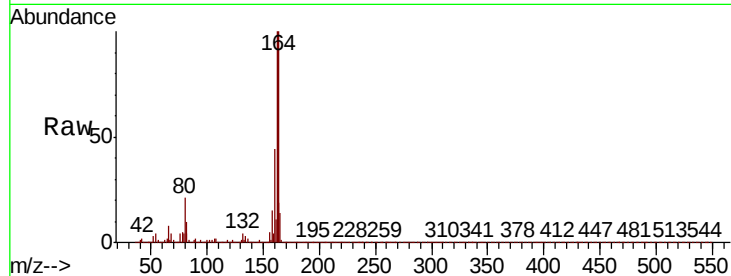




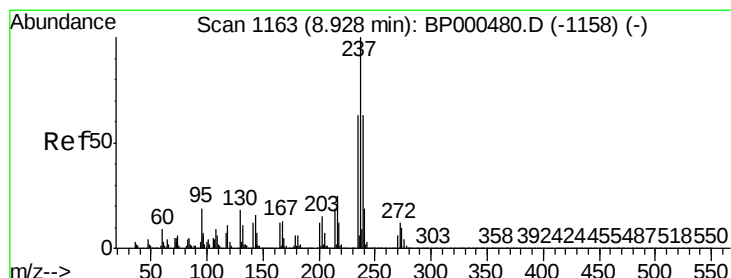
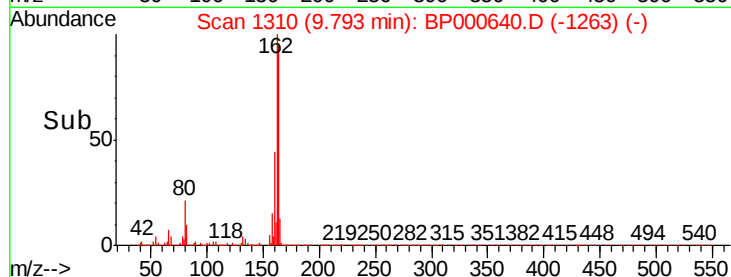
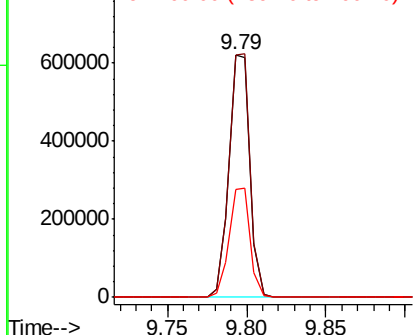
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BP000640.D
Acq: 11 Oct 2019 18:46

Instrument :
BNA_P
ClientSampleId :

Tot Ion:164 Resp: 566821
Ion Ratio Lower Upper
164 100
162 99.9 82.2 123.2
160 44.4 37.6 56.4

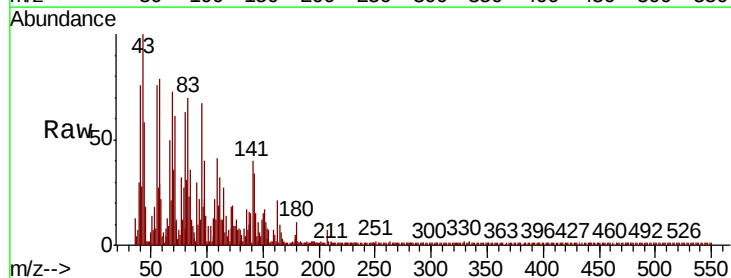


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

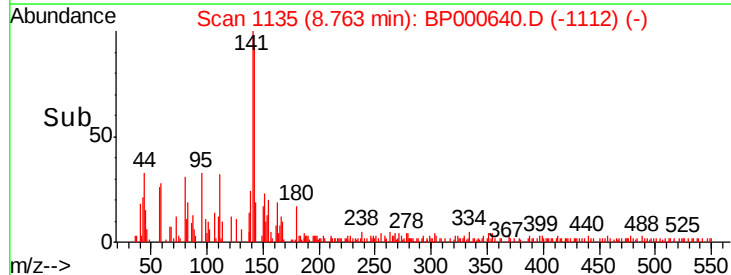
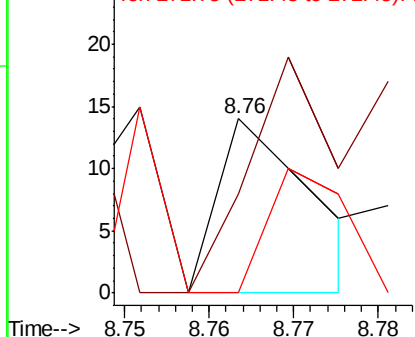


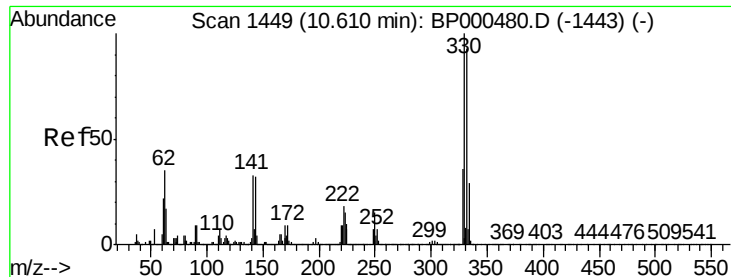
#41
Hexachlorocyclopentadiene
Concen: 7.298 ng
RT: 8.76 min Scan# 1135
Delta R.T. -0.16 min
Lab File: BP000640.D
Acq: 11 Oct 2019 18:46

Tgt Ion:237 Resp: 11
Ion Ratio Lower Upper
237 100
235 57.1 42.9 82.9
272 0.0 0.0 32.4



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

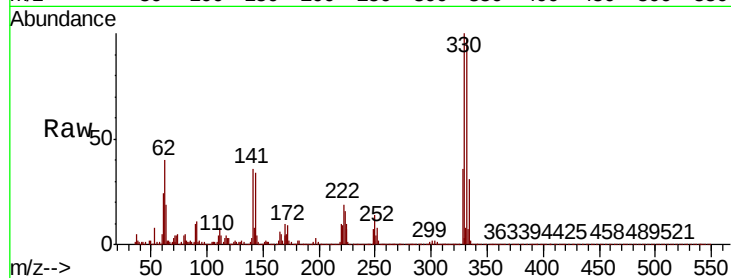




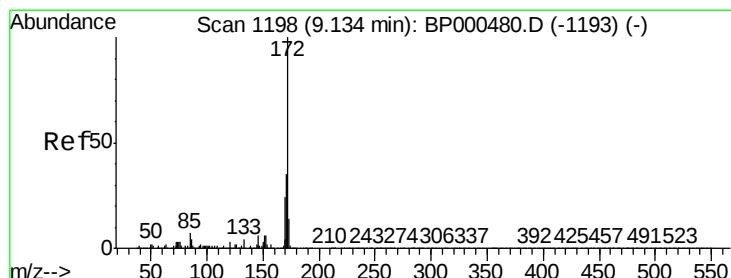
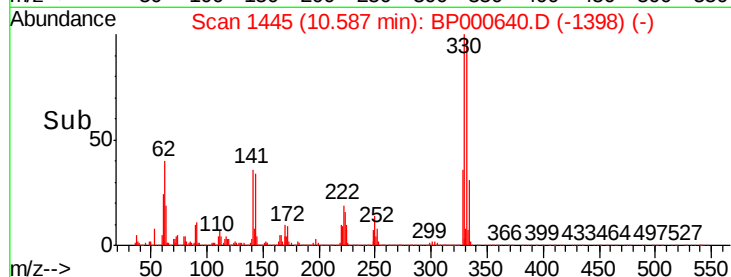
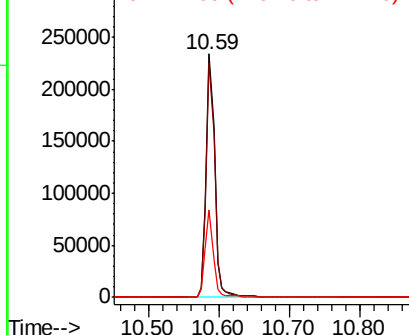
#42
 2,4,6-Tribromophenol
 Concen: 32.968 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.02 min
 Lab File: BP000640.D
 Acq: 11 Oct 2019 18:46

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:330 Resp: 199133
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.1 115.7
 141 33.8 26.0 39.0

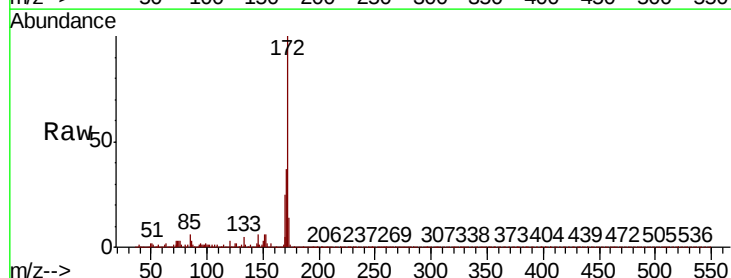


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

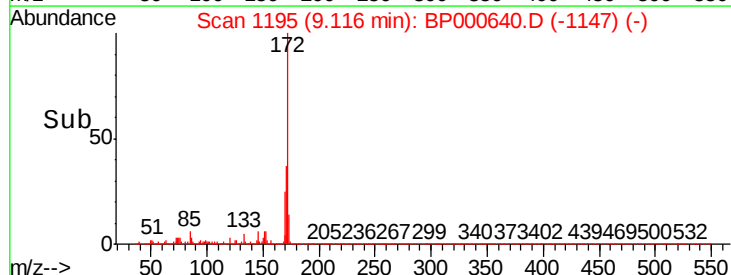
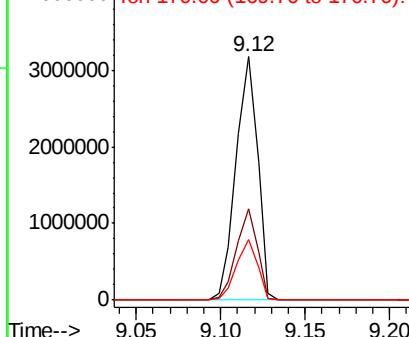


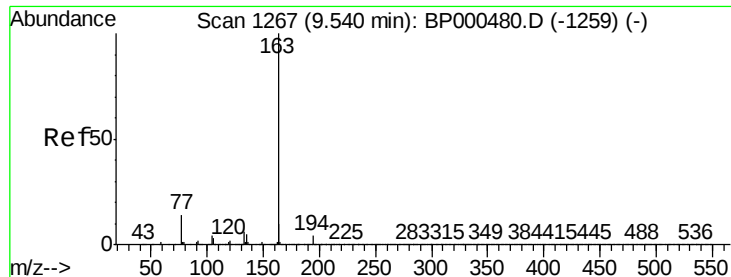
#45
 2-Fluorobiphenyl
 Concen: 80.764 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BP000640.D
 Acq: 11 Oct 2019 18:46

Tgt Ion:172 Resp: 2829345
 Ion Ratio Lower Upper
 172 100
 171 37.4 28.4 42.6
 170 25.1 19.1 28.7



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

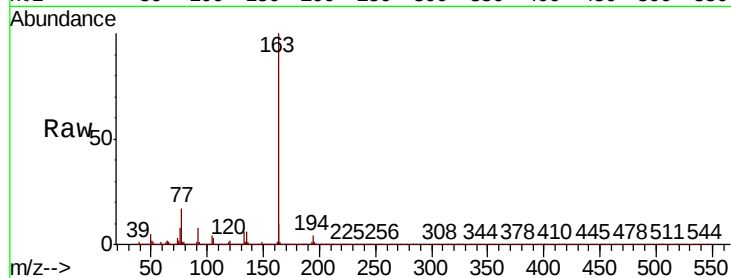




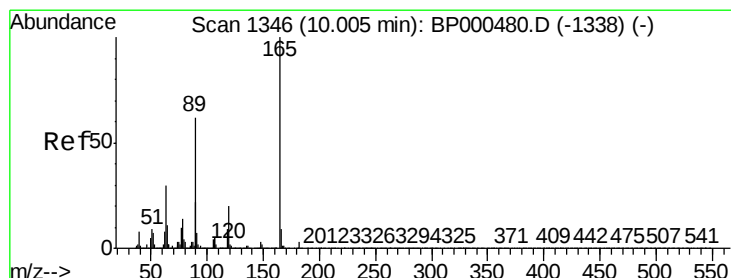
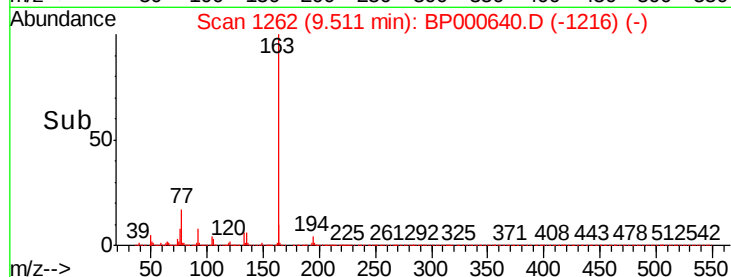
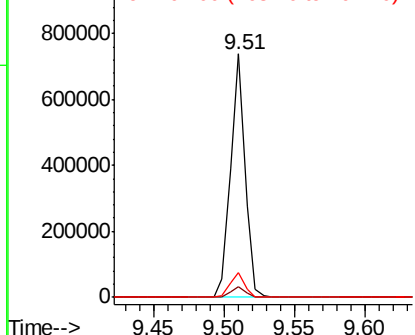
#50
Dimethylphthalate
Concen: 13.401 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000640.D
Acq: 11 Oct 2019 18:46

Instrument :
BNA_P
ClientSampled :

Tot Ion:163 Resp: 527811
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.0 8.0 12.0

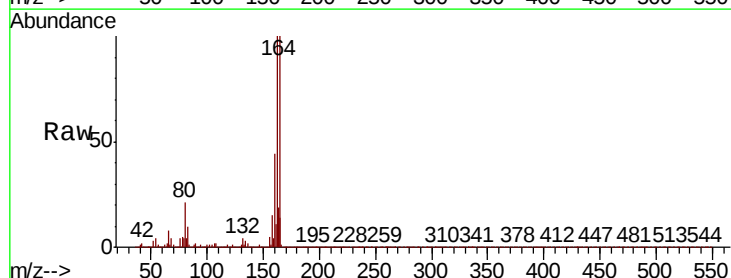


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

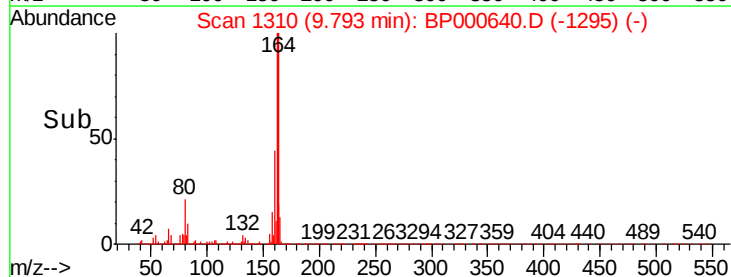
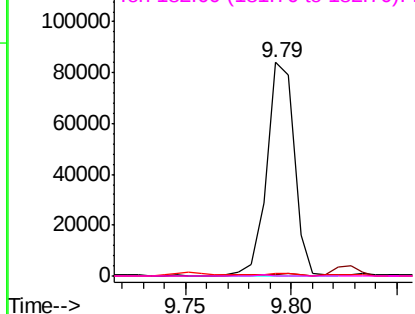


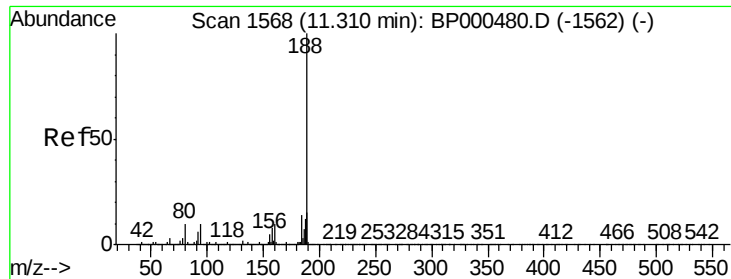
#57
2,4-Dinitrotoluene
Concen: 6.635 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.21 min
Lab File: BP000640.D
Acq: 11 Oct 2019 18:46

Tgt Ion:165 Resp: 75564
Ion Ratio Lower Upper
165 100
63 0.9 24.2 36.4#
89 1.2 49.4 74.0#
182 0.2 2.5 3.7#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0
Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.02 min

Lab File: BP000640.D

Acq: 11 Oct 2019 18:46

Instrument :

BNA_P

ClientSampleId :

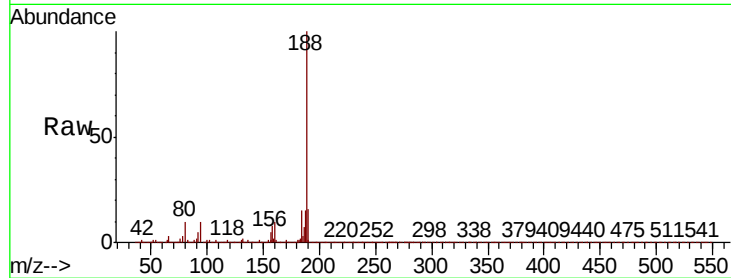
Tot Ion:188 Resp: 1043730

Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.2

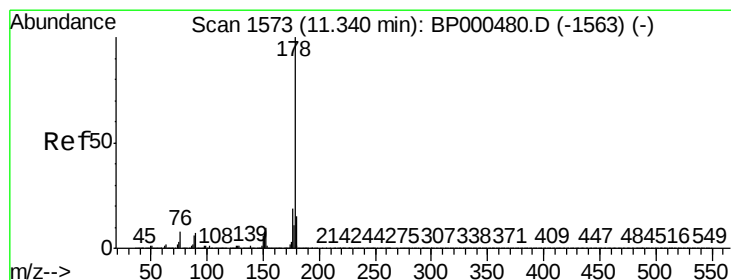
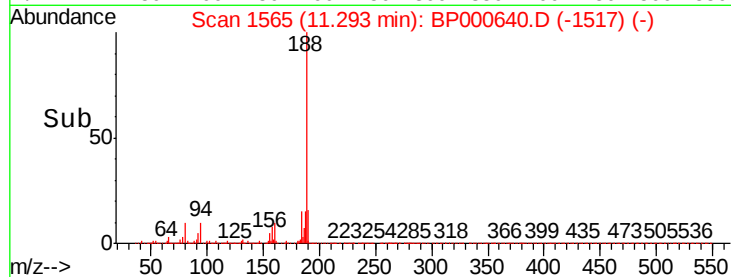
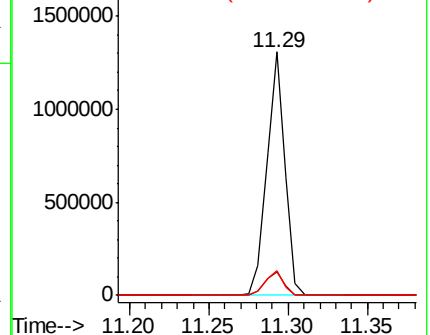
80 10.0 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#71

Phenanthrene

Concen: 2.301 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.02 min

Lab File: BP000640.D

Acq: 11 Oct 2019 18:46

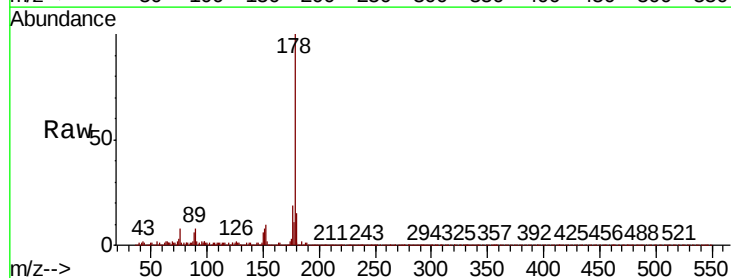
Tgt Ion:178 Resp: 120628

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

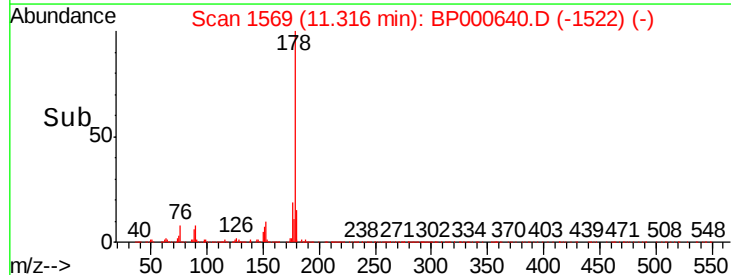
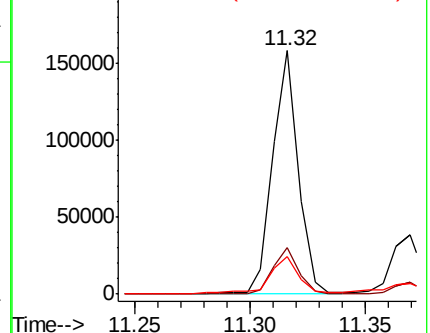
179 15.5 12.2 18.4

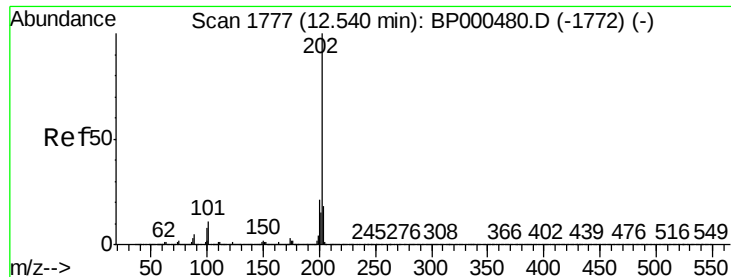


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 2.861 ng

RT: 12.52 min Scan# 1773

Delta R.T. -0.02 min

Lab File: BP000640.D

Acq: 11 Oct 2019 18:46

Instrument :

BNA_P

ClientSampled :

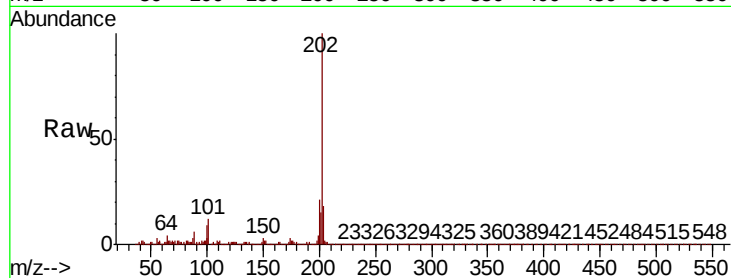
Tot Ion:202 Resp: 168445

Ion Ratio Lower Upper

202 100

101 12.4 0.0 31.3

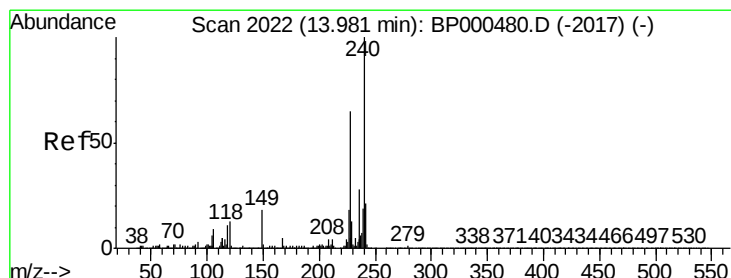
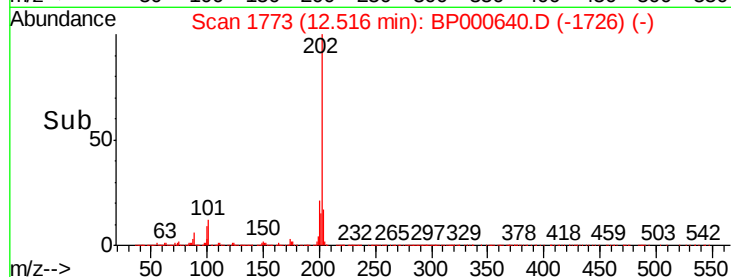
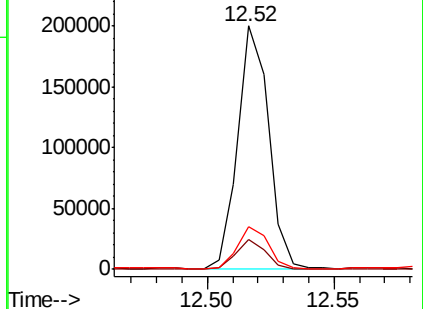
203 17.7 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.02 min

Lab File: BP000640.D

Acq: 11 Oct 2019 18:46

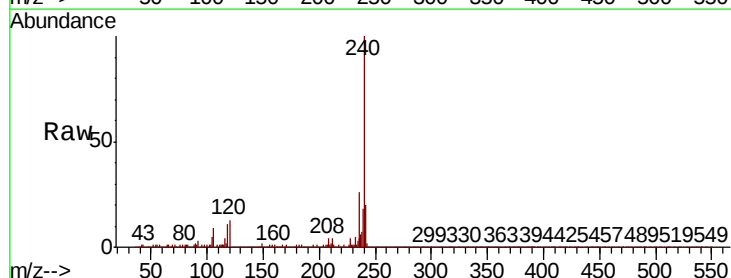
Tgt Ion:240 Resp: 861785

Ion Ratio Lower Upper

240 100

120 12.9 10.1 15.1

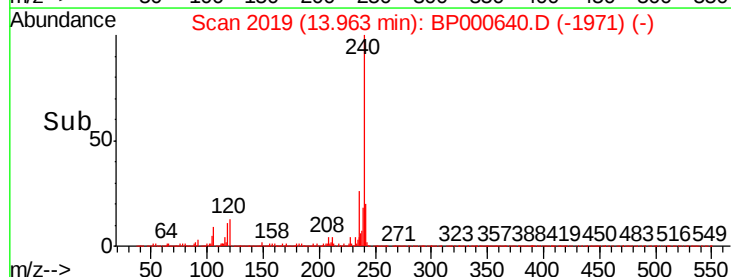
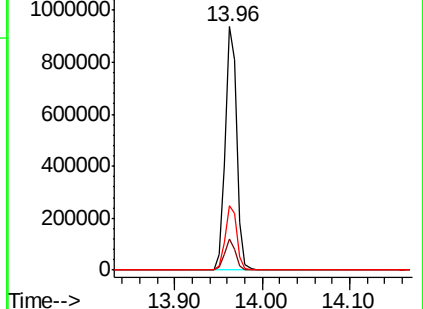
236 26.4 22.7 34.1

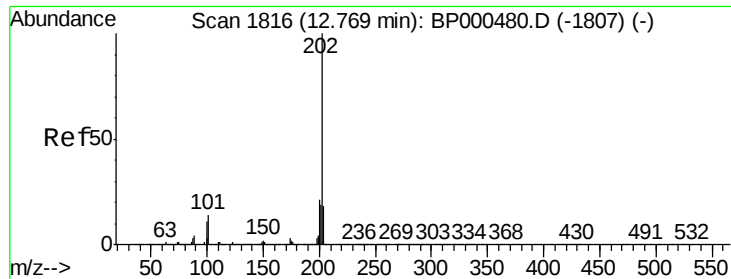


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

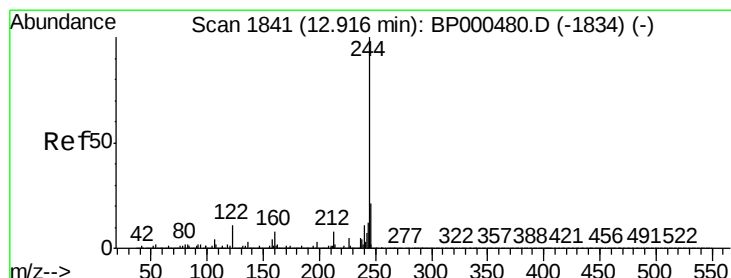
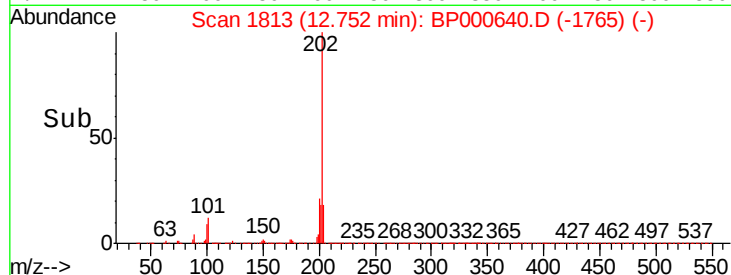
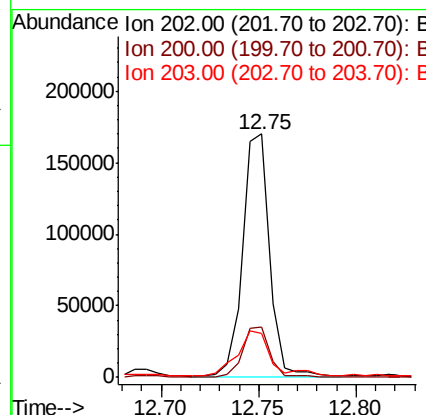
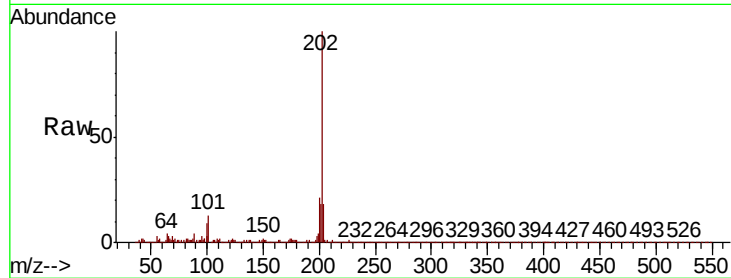




#78
Pvrene
Concen: 2.707 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BP000640.D
Acq: 11 Oct 2019 18:46

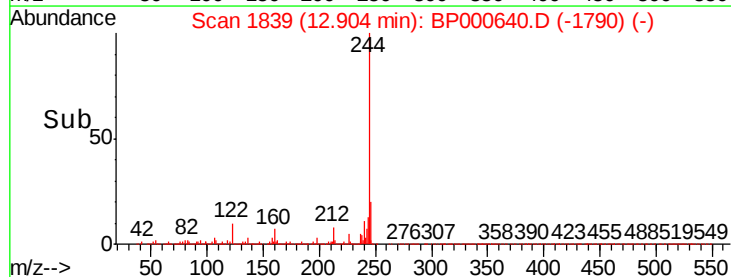
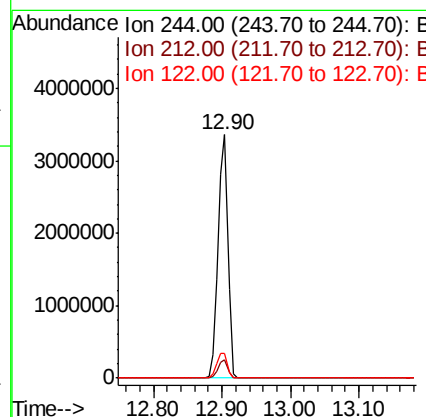
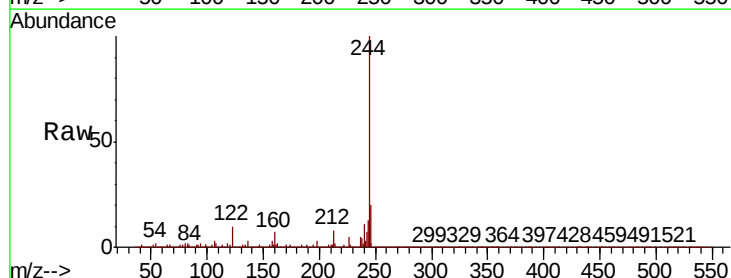
Instrument :
BNA_P
ClientSampleId :

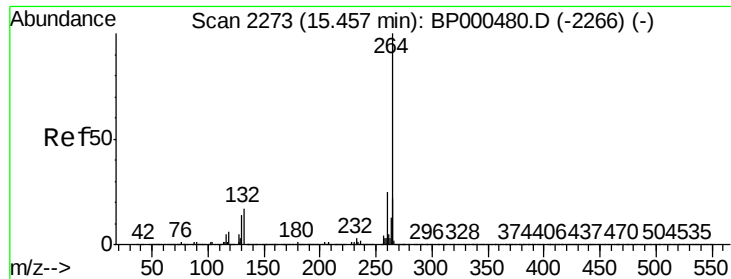
Tot Ion:202 Resp: 160874
Ion Ratio Lower Upper
202 100
200 20.9 17.1 25.7
203 18.0 14.6 21.8



#79
Terphenyl-d14
Concen: 76.655 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BP000640.D
Acq: 11 Oct 2019 18:46

Tgt Ion:244 Resp: 3262651
Ion Ratio Lower Upper
244 100
212 7.7 6.0 9.0
122 10.4 8.9 13.3

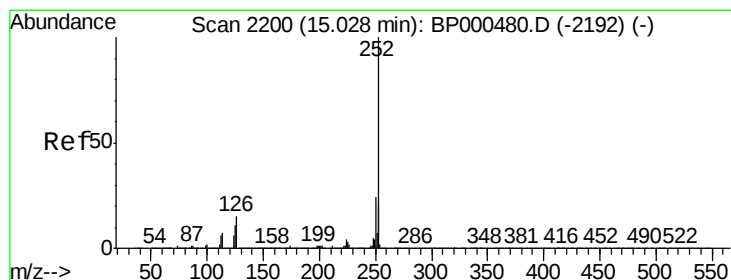
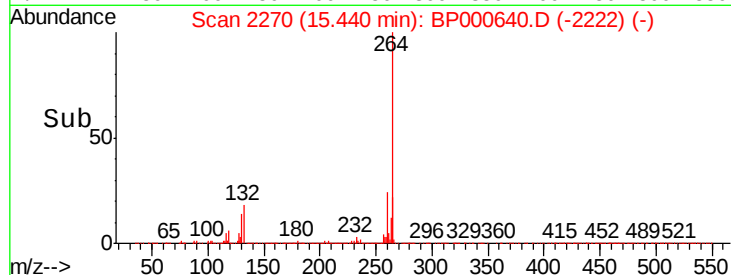
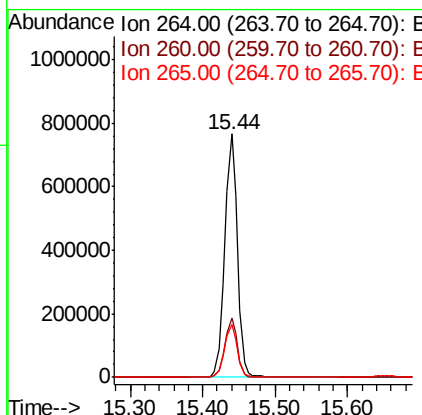
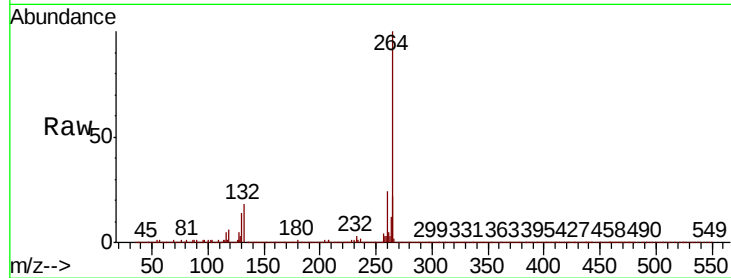




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BP000640.D
Acq: 11 Oct 2019 18:46

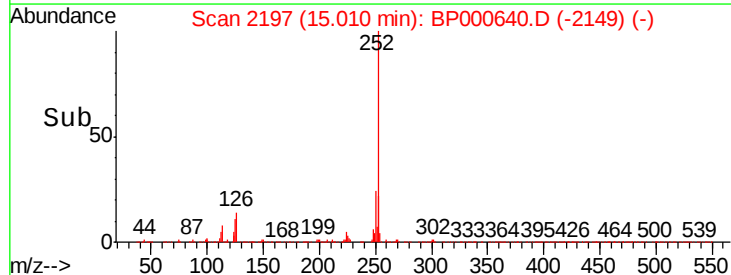
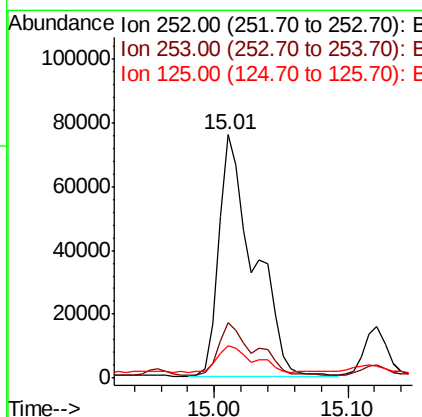
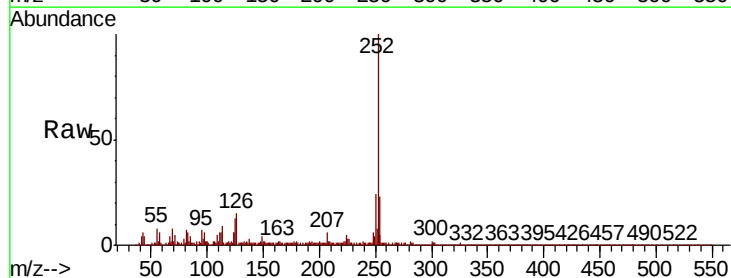
Instrument :
BNA_P
ClientSampleId :

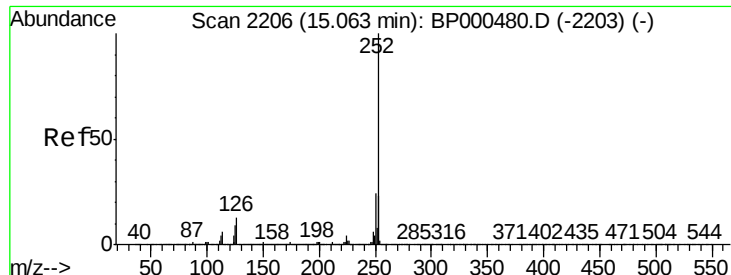
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.3	30.5
265	21.6	18.0	27.0



#88
Benzo(b)fluoranthene
Concen: 2.635 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.02 min
Lab File: BP000640.D
Acq: 11 Oct 2019 18:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.4
125	13.3	8.9	13.3





#89

Benzo(k)fluoranthene

Concen: 2.768 ng

RT: 15.01 min Scan# 2197

Delta R.T. -0.05 min

Lab File: BP000640.D

Acq: 11 Oct 2019 18:46

Instrument :

BNA_P

ClientSampleId :

Tot Ion:252 Resp: 139065

Ion Ratio Lower Upper

252 100

253 22.8 18.4 27.6

125 13.3 7.8 11.8#

