

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
 Data File : BP001192.D
 Acq On : 04 Dec 2019 11:06
 Operator : JU
 Sample : K6027-10DL 10X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-14DL

Quant Time: Dec 06 04:28:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 17:38:46 2019
 Response via : Initial Calibration

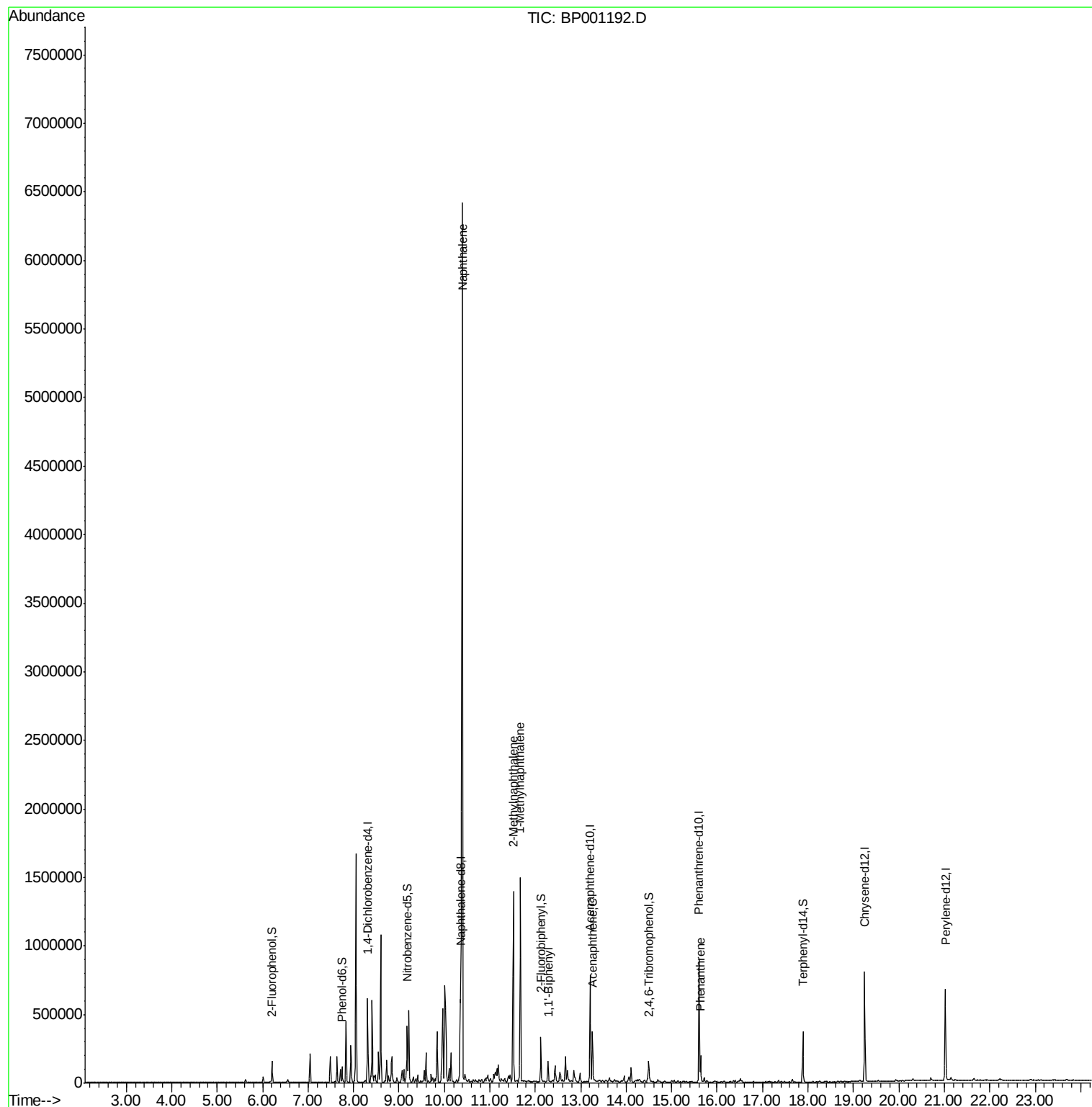
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	103880	20.00	ng	-0.02
21) Naphthalene-d8	10.35	136	383731	20.00	ng	-0.01
39) Acenaphthene-d10	13.21	164	210857	20.00	ng	-0.02
64) Phenanthrene-d10	15.60	188	395412	20.00	ng	-0.02
76) Chrysene-d12	19.25	240	305213	20.00	ng	-0.03
87) Perylene-d12	21.02	264	327021	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	48746	7.79	ng	-0.02
7) Phenol-d6	7.75	99	41910	5.02	ng	-0.02
23) Nitrobenzene-d5	9.19	82	68618	7.76	ng	-0.02
42) 2,4,6-Tribromophenol	14.50	330	21619	10.70	ng	-0.02
45) 2-Fluorobiphenyl	12.12	172	118275	8.21	ng	-0.03
79) Terphenyl-d14	17.89	244	141281	8.56	ng	-0.03
Target Compounds						
31) Naphthalene	10.40	128	4042392	206.265	ng	99
37) 2-Methylnaphthalene	11.52	142	452745	33.855	ng	96
38) 1-Methylnaphthalene	11.67	142	474988	37.600	ng	98
46) 1,1'-Biphenyl	12.28	154	57573	3.533	ng	97
52) Acenaphthene	13.26	154	100959	8.602	ng	99
71) Phenanthrene	15.64	178	81800	3.935	ng	99

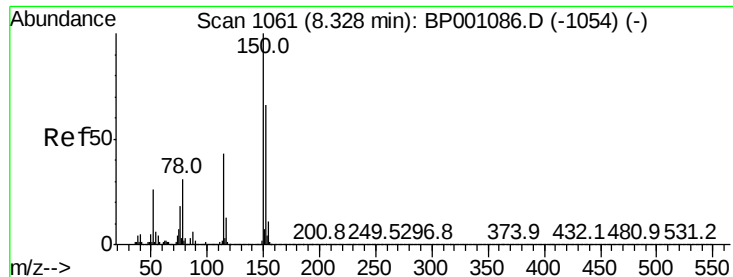
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 27 17:38:46 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.31 min Scan# 1058

Delta R.T. -0.02 min

Lab File: BP001192.D

Acq: 04 Dec 2019 11:06

Instrument :

BNA_P

ClientSampleId :

MW-14DL

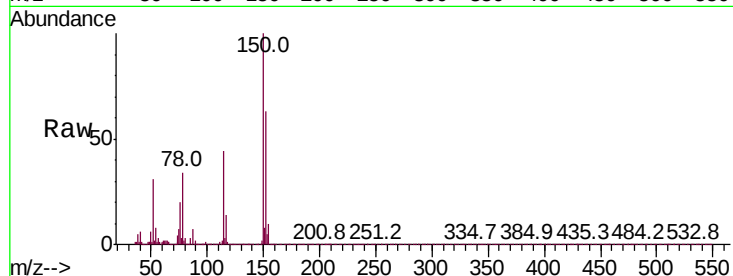
Tot Ion:152 Resp: 103880

Ion Ratio Lower Upper

152 100

150 158.4 120.6 181.0

115 69.5 51.6 77.4

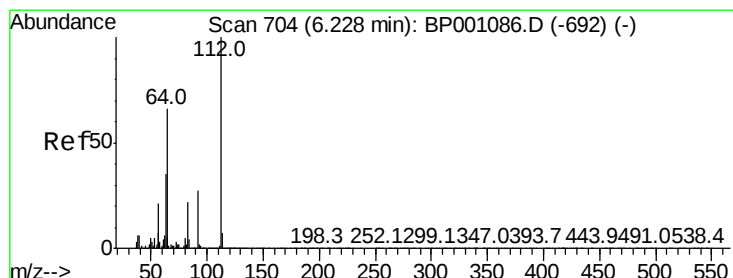
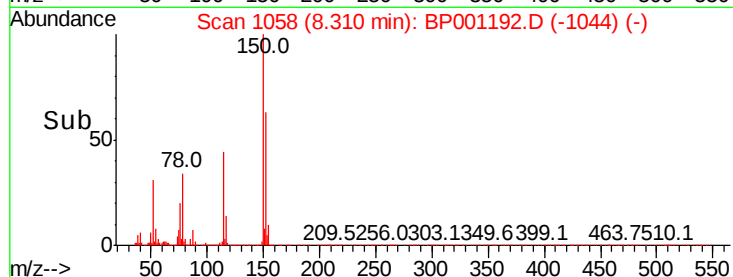
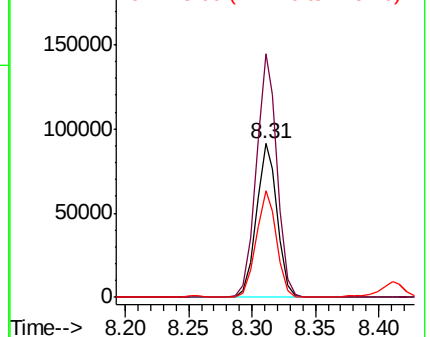


Abundance

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: 7.785 ng

RT: 6.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BP001192.D

Acq: 04 Dec 2019 11:06

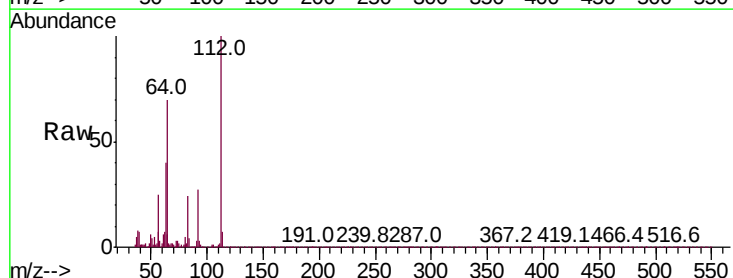
Tgt Ion:112 Resp: 48746

Ion Ratio Lower Upper

112 100

64 69.9 52.8 79.2

63 40.5 28.2 42.2

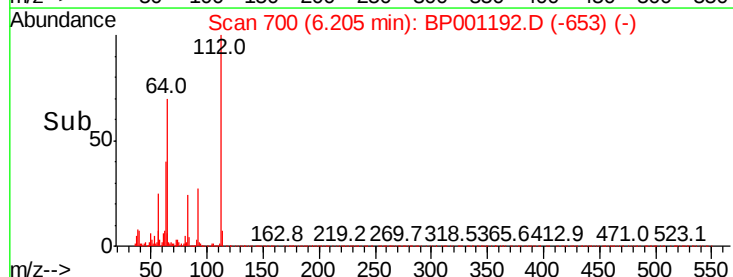
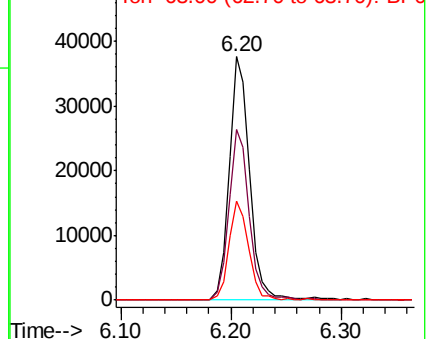


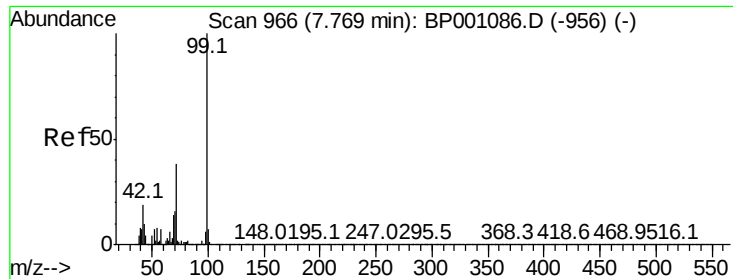
Abundance

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: 5.024 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.02 min

Lab File: BP001192.D

Acq: 04 Dec 2019 11:06

Instrument :

BNA_P

ClientSampleId :

MW-14DL

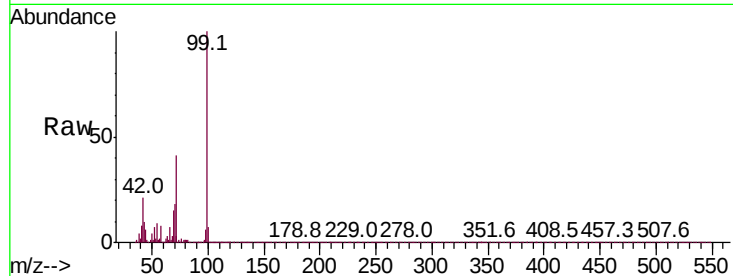
Tot Ion: 99 Resp: 41910

Ion Ratio Lower Upper

99 100

42 21.2 15.4 23.0

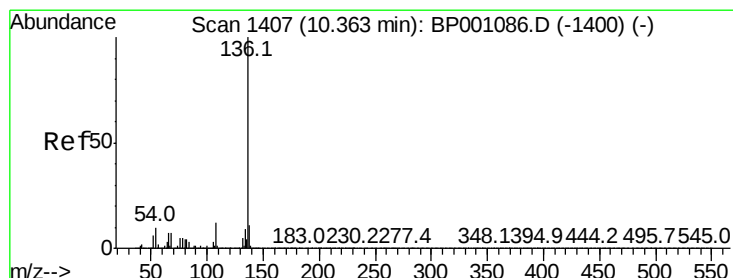
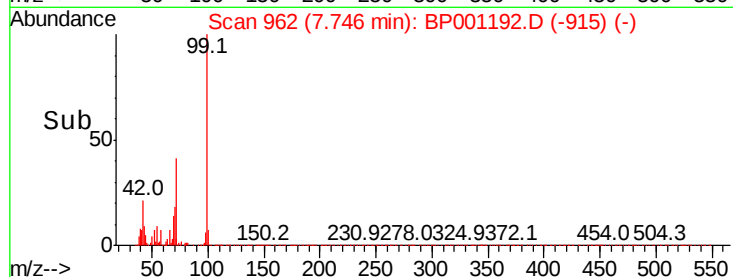
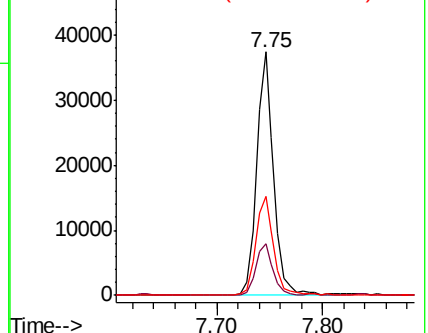
71 40.7 30.8 46.2



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BP001192.D

Acq: 04 Dec 2019 11:06

Tgt Ion: 136 Resp: 383731

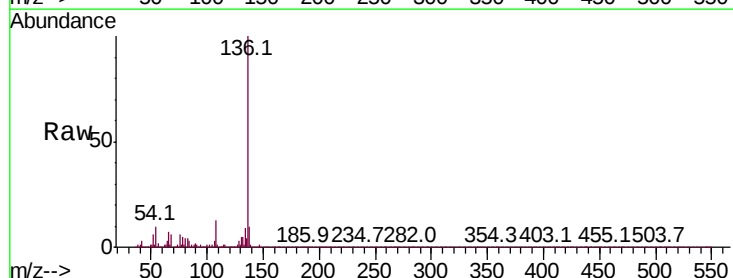
Ion Ratio Lower Upper

136 100

137 10.3 8.8 13.2

54 9.6 7.9 11.9

68 6.5 5.6 8.4

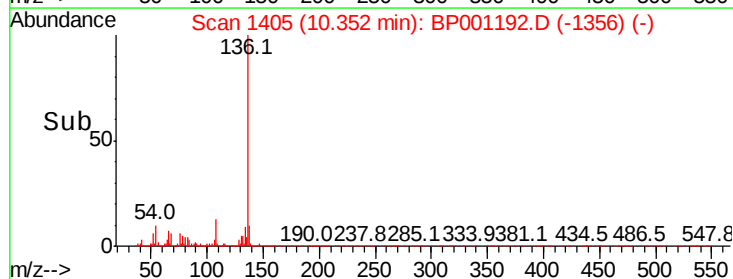
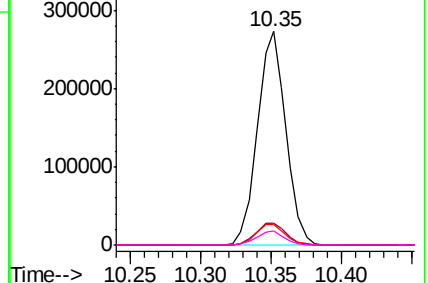


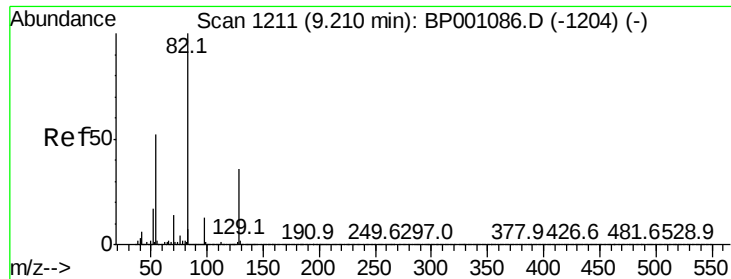
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

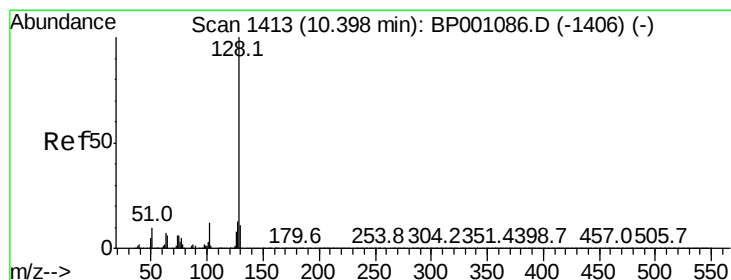
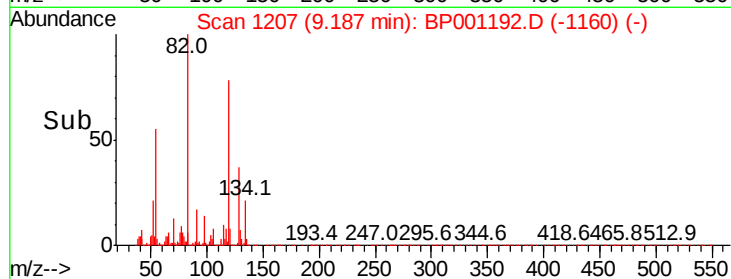
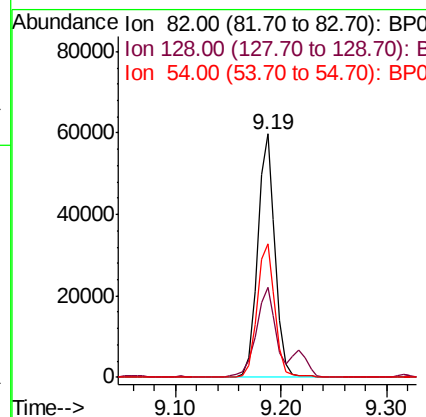
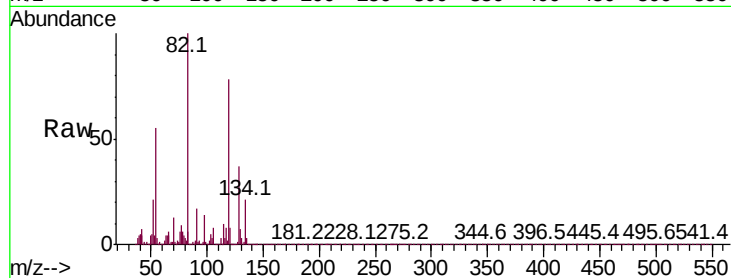




#23
Nitrobenzene-d5
Concen: 7.758 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BP001192.D
Acq: 04 Dec 2019 11:06

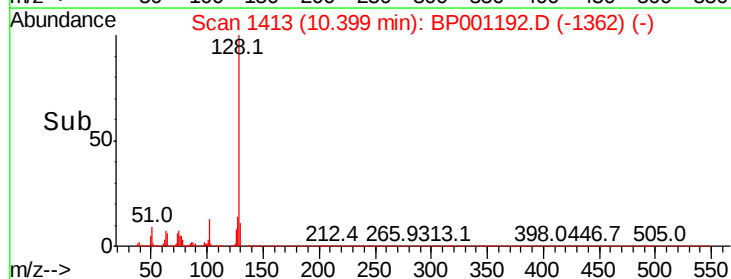
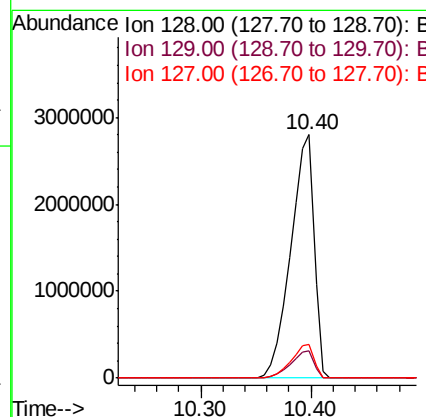
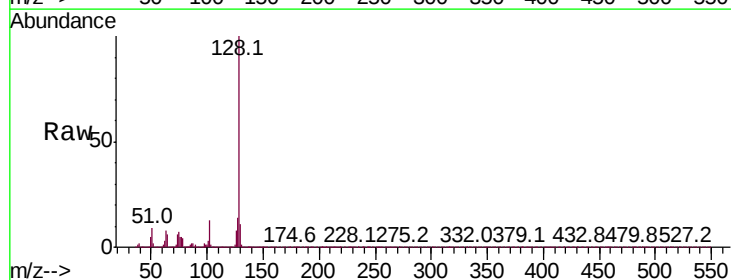
Instrument :
BNA_P
ClientSampleId :
MW-14DL

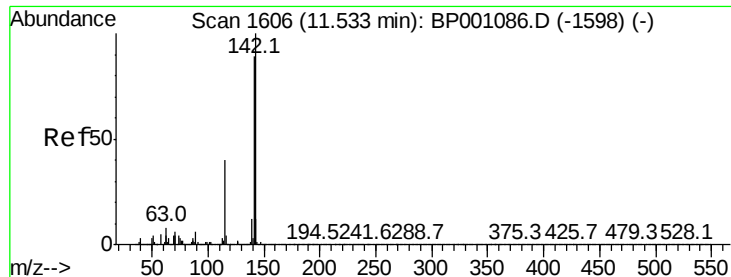
Tot Ion	82	Resp	68618
Ion Ratio	Lower	Upper	
82	100		
128	37.1	28.9	43.3
54	54.8	41.9	62.9



#31
Naphthalene
Concen: 206.265 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BP001192.D
Acq: 04 Dec 2019 11:06

Tgt Ion	128	Resp	4042392
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.8	13.2
127	13.9	10.6	16.0

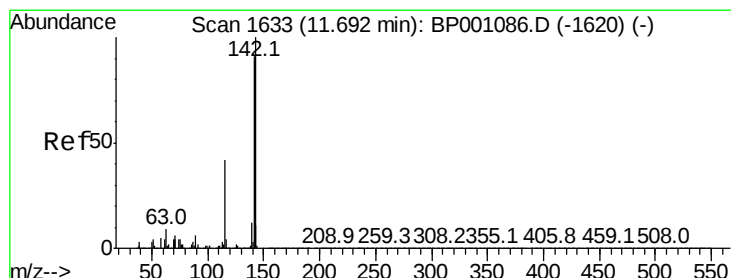
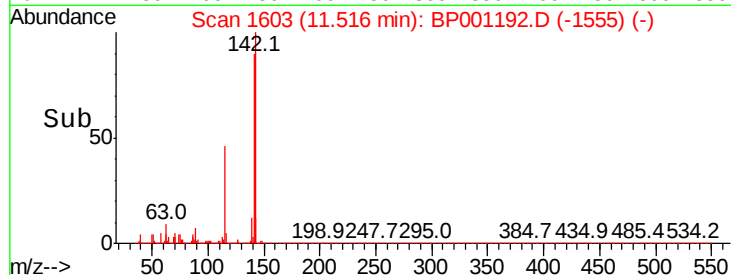
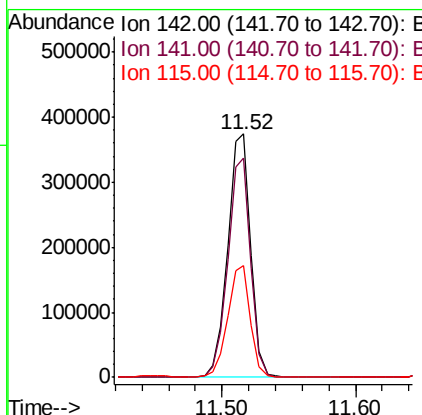
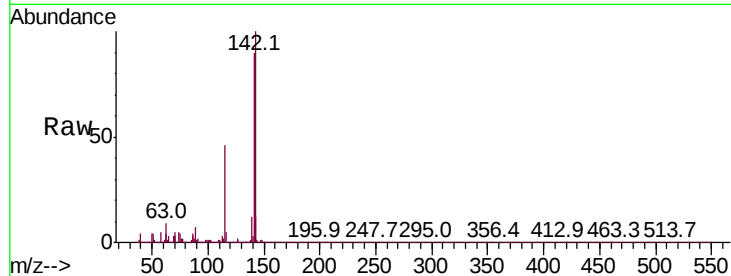




#37
2-Methylnaphthalene
Concen: 33.855 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.02 min
Lab File: BP001192.D
Acq: 04 Dec 2019 11:06

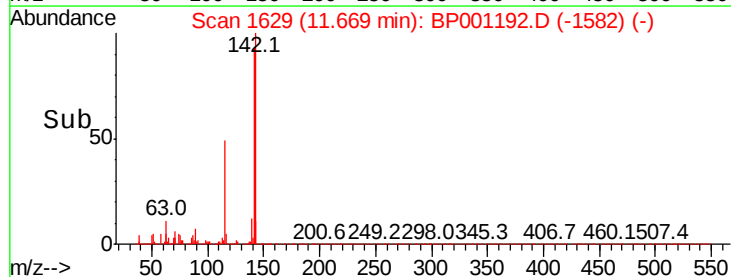
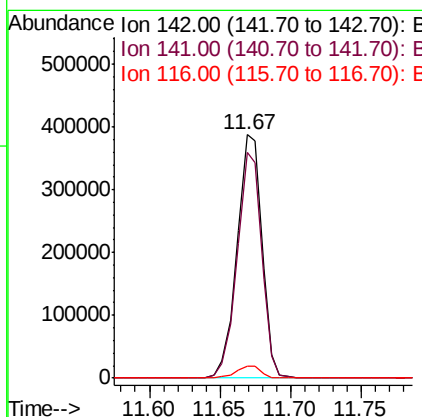
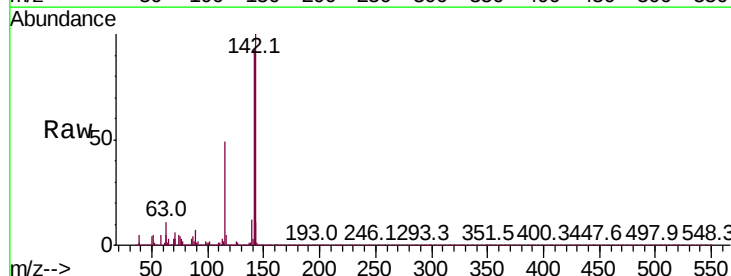
Instrument :
BNA_P
ClientSampleId :
MW-14DL

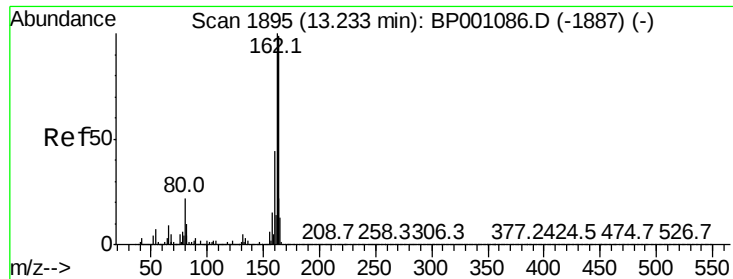
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.1	106.7
115	45.8	32.3	48.5



#38
1-Methylnaphthalene
Concen: 37.600 ng
RT: 11.67 min Scan# 1629
Delta R.T. -0.02 min
Lab File: BP001192.D
Acq: 04 Dec 2019 11:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	73.0	109.4
116	5.0	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.21 min Scan# 1891

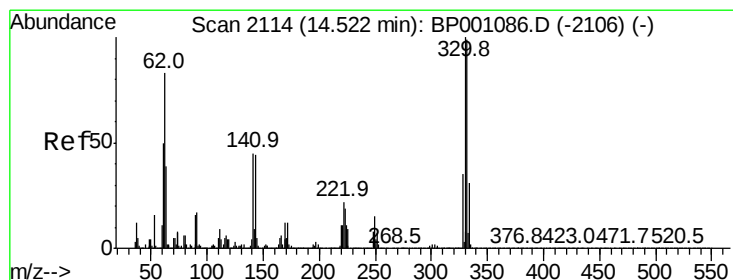
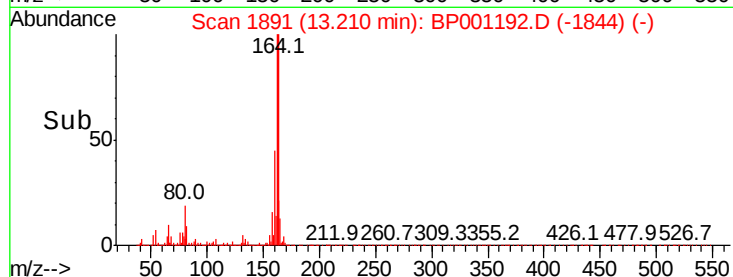
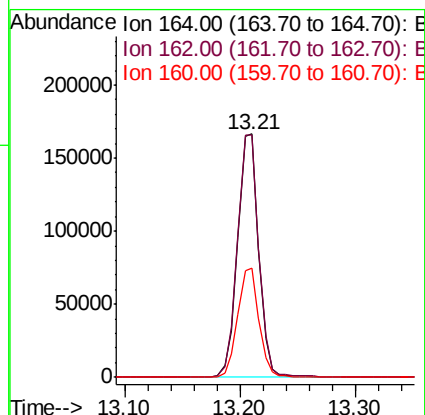
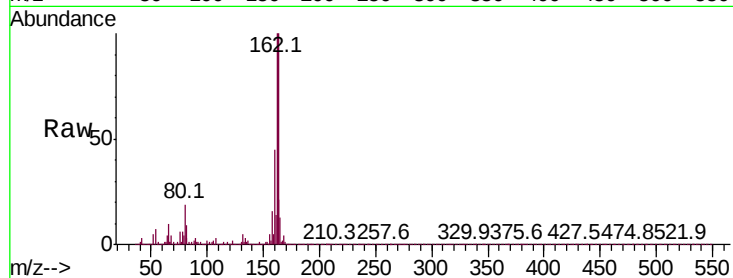
Delta R.T. -0.02 min

Lab File: BP001192.D

Acq: 04 Dec 2019 11:06

Instrument :
BNA_P
ClientSampleId :
MW-14DL

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.6	80.6	120.8
160	44.8	35.4	53.2



#42

2,4,6-Tribromophenol

Concen: 10.697 ng

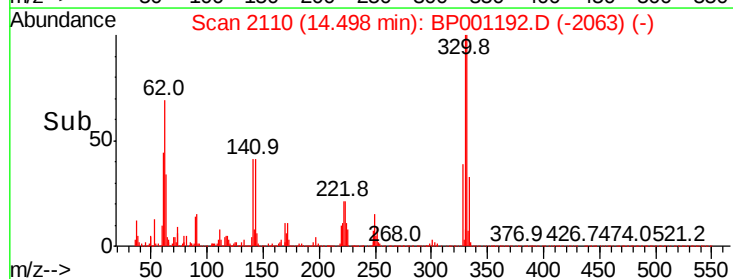
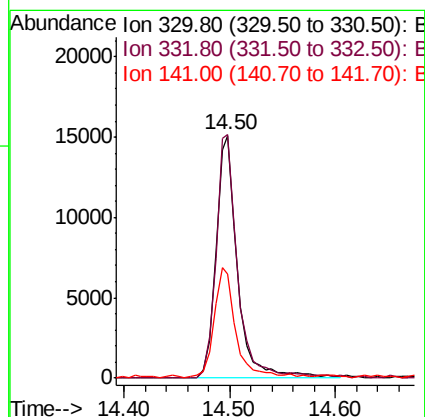
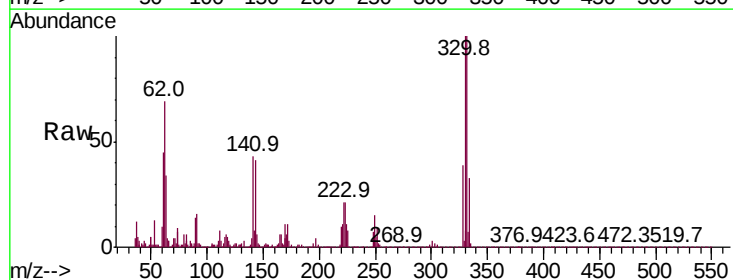
RT: 14.50 min Scan# 2110

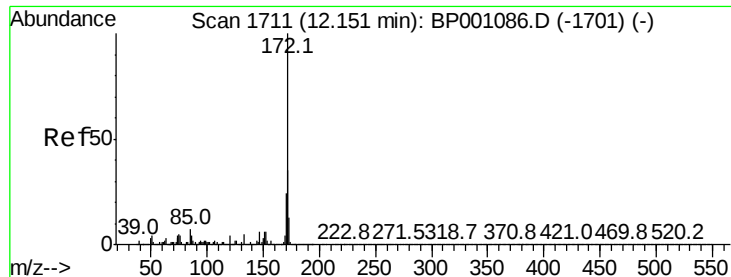
Delta R.T. -0.02 min

Lab File: BP001192.D

Acq: 04 Dec 2019 11:06

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.6	116.4
141	45.5	34.2	51.2

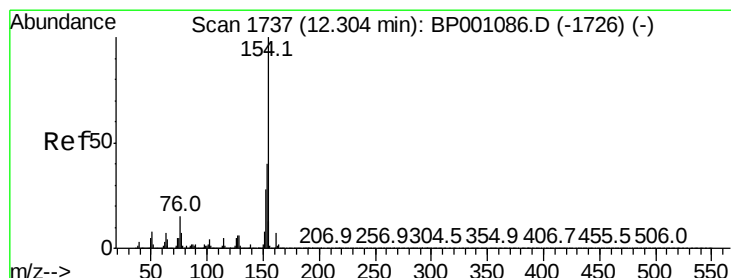
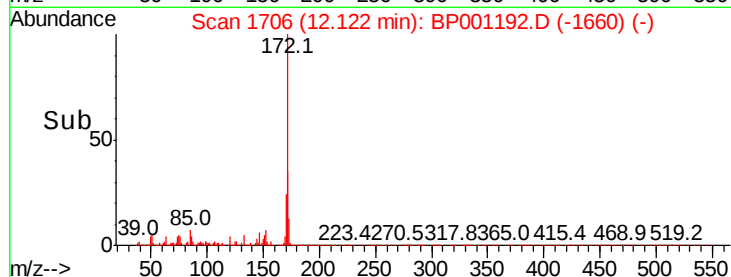
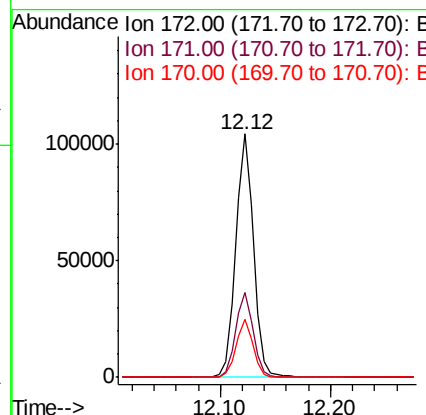
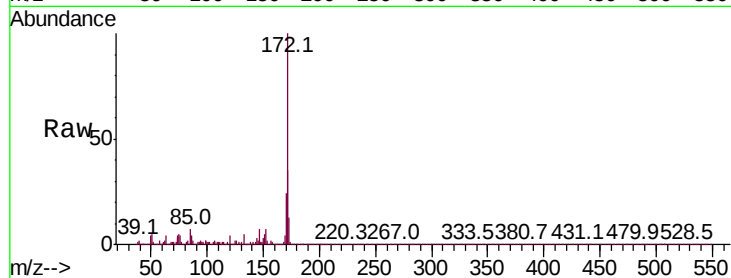




#45
2-Fluorobiphenyl
Concen: 8.210 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.03 min
Lab File: BP001192.D
Acq: 04 Dec 2019 11:06

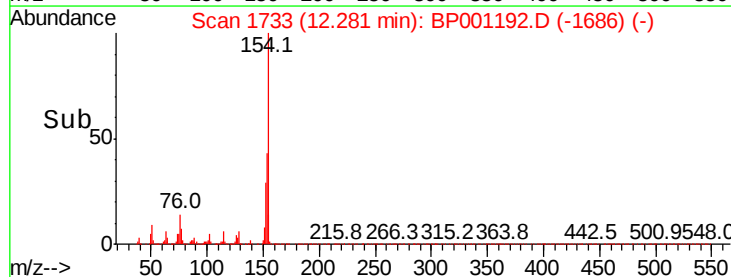
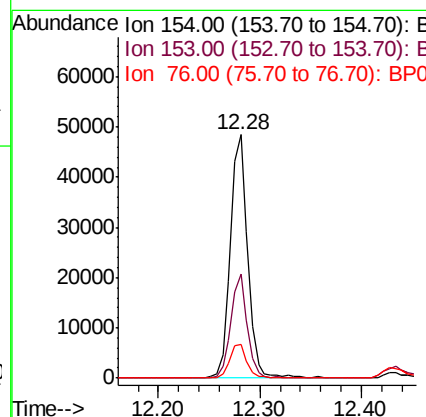
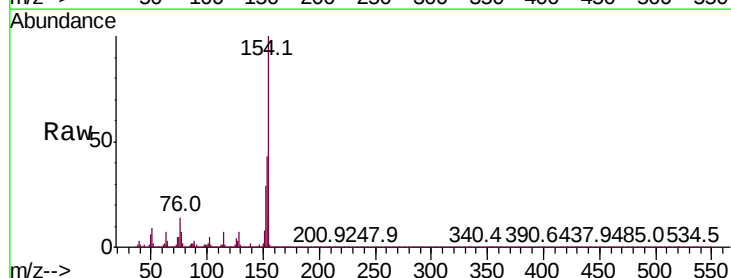
Instrument :
BNA_P
ClientSampleId :
MW-14DL

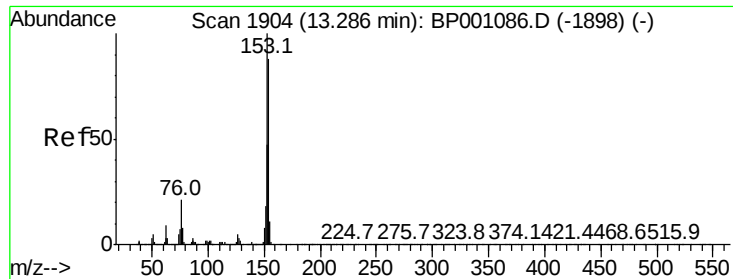
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.9	41.9
170	23.6	19.0	28.4



#46
1,1'-Biphenyl
Concen: 3.533 ng
RT: 12.28 min Scan# 1733
Delta R.T. -0.02 min
Lab File: BP001192.D
Acq: 04 Dec 2019 11:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.8	20.2	60.2
76	14.0	0.0	34.5





#52

Acenaphthene

Concen: 8.602 ng

RT: 13.26 min Scan# 1899

Delta R.T. -0.03 min

Lab File: BP001192.D

Acq: 04 Dec 2019 11:06

Instrument :

BNA_P

ClientSampleId :

MW-14DL

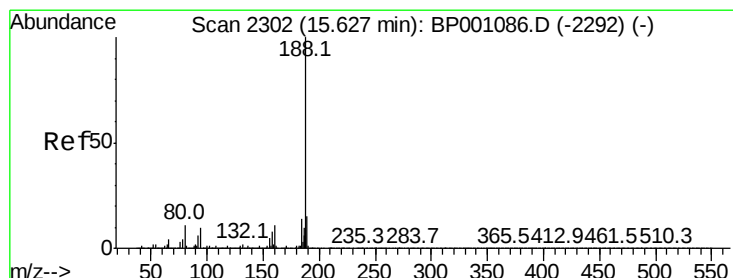
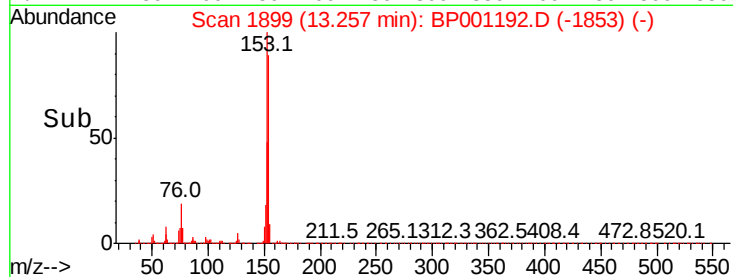
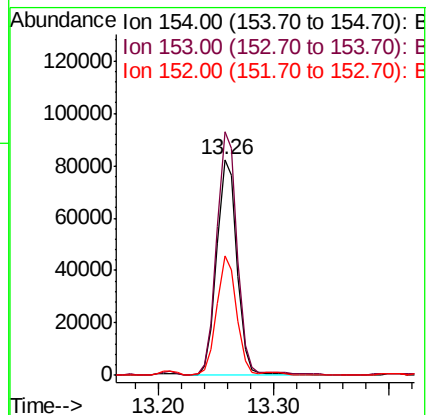
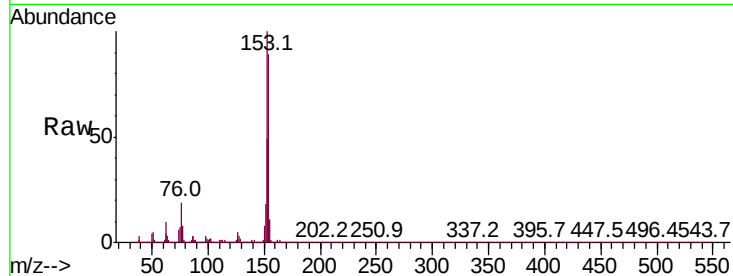
Tot Ion:154 Resp: 100959

Ion Ratio Lower Upper

154 100

153 112.9 90.5 135.7

152 55.6 42.6 64.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.60 min Scan# 2298

Delta R.T. -0.02 min

Lab File: BP001192.D

Acq: 04 Dec 2019 11:06

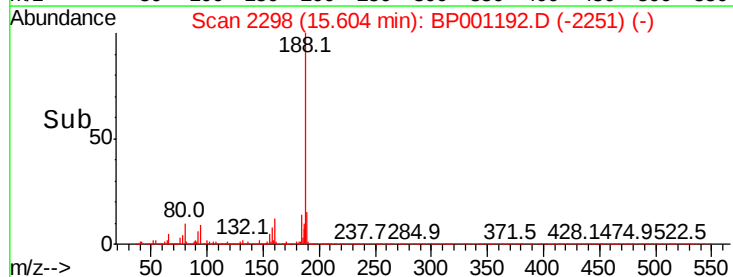
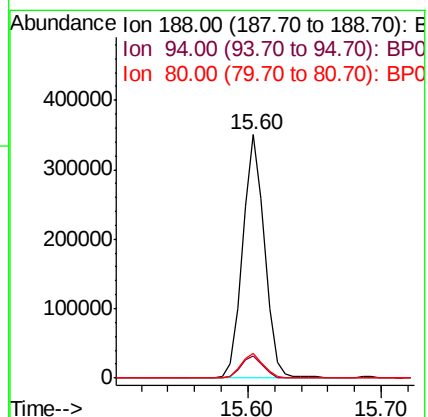
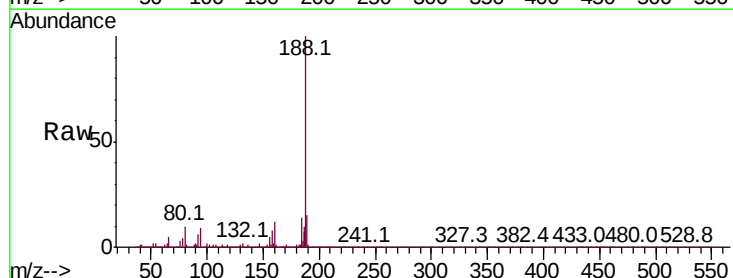
Tgt Ion:188 Resp: 395412

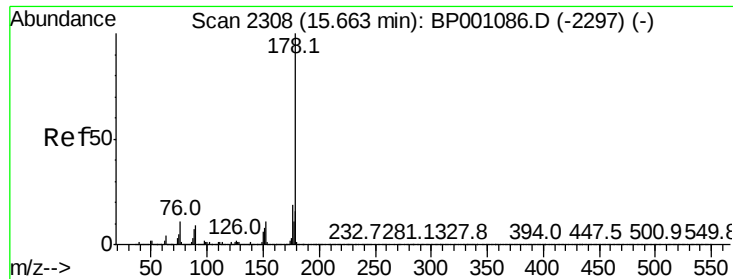
Ion Ratio Lower Upper

188 100

94 9.3 7.9 11.9

80 10.0 8.8 13.2

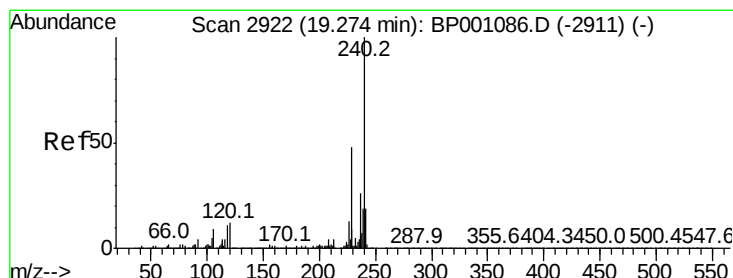
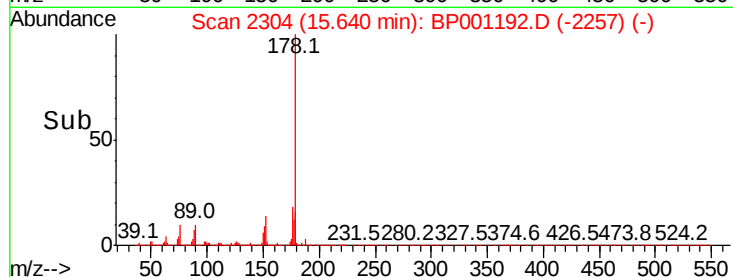
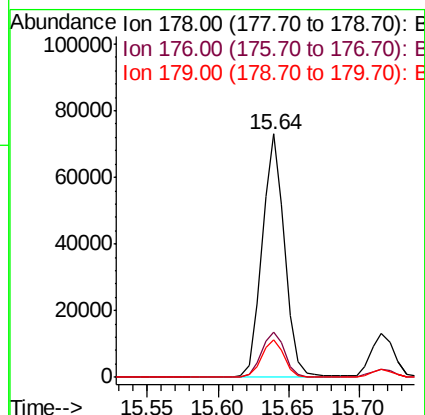
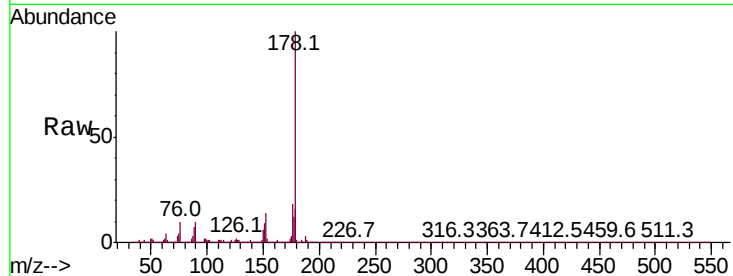




#71
Phenanthrene
Concen: 3.935 ng
RT: 15.64 min Scan# 2304
Delta R.T. -0.02 min
Lab File: BP001192.D
Acq: 04 Dec 2019 11:06

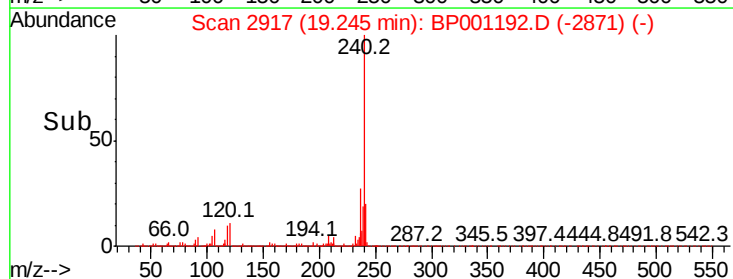
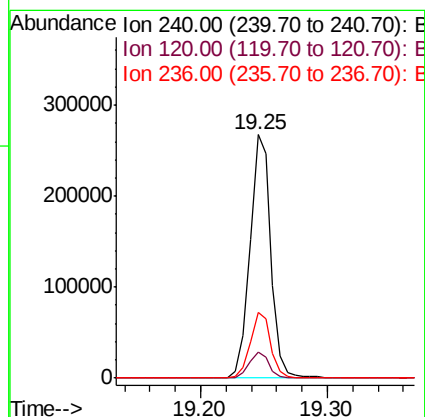
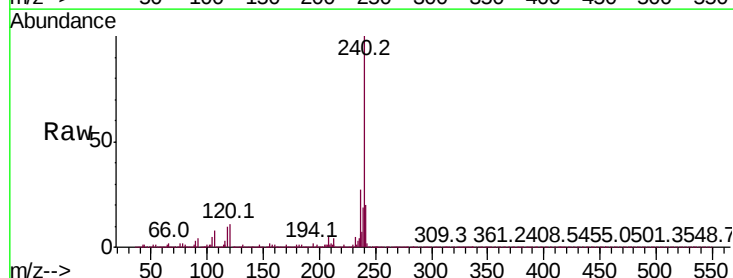
Instrument :
BNA_P
ClientSampleId :
MW-14DL

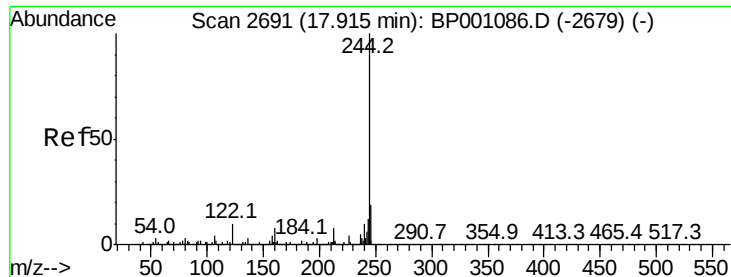
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	15.6	12.5	18.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.25 min Scan# 2917
Delta R.T. -0.03 min
Lab File: BP001192.D
Acq: 04 Dec 2019 11:06

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.5	14.3
236	26.9	20.4	30.6

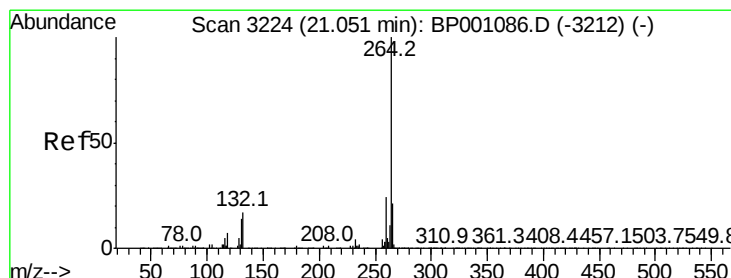
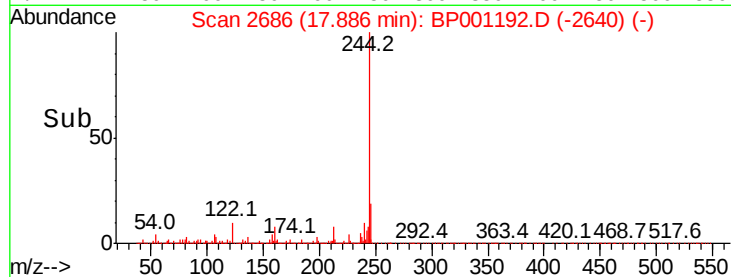
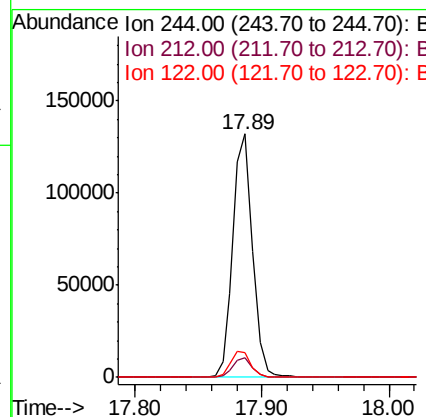
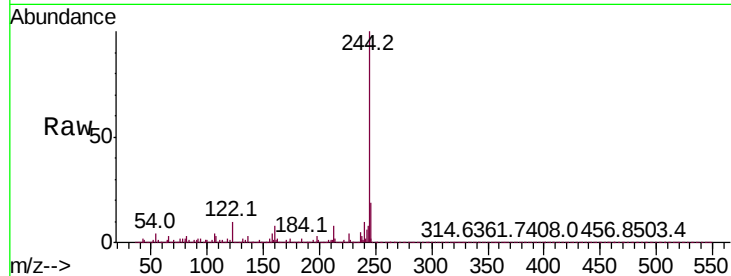




#79
 Terphenyl-d14
 Concen: 8.564 ng
 RT: 17.89 min Scan# 2686
 Delta R.T. -0.03 min
 Lab File: BP001192.D
 Acq: 04 Dec 2019 11:06

Instrument :
 BNA_P
 ClientSampleId :
 MW-14DL

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	10.3	8.2	12.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 21.02 min Scan# 3219
 Delta R.T. -0.03 min
 Lab File: BP001192.D
 Acq: 04 Dec 2019 11:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	21.2	16.9	25.3

