

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
 Data File : BP001196.D
 Acq On : 04 Dec 2019 13:05
 Operator : JU
 Sample : K6027-09DL2 50X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-12DL2

Quant Time: Dec 04 13:40:38 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

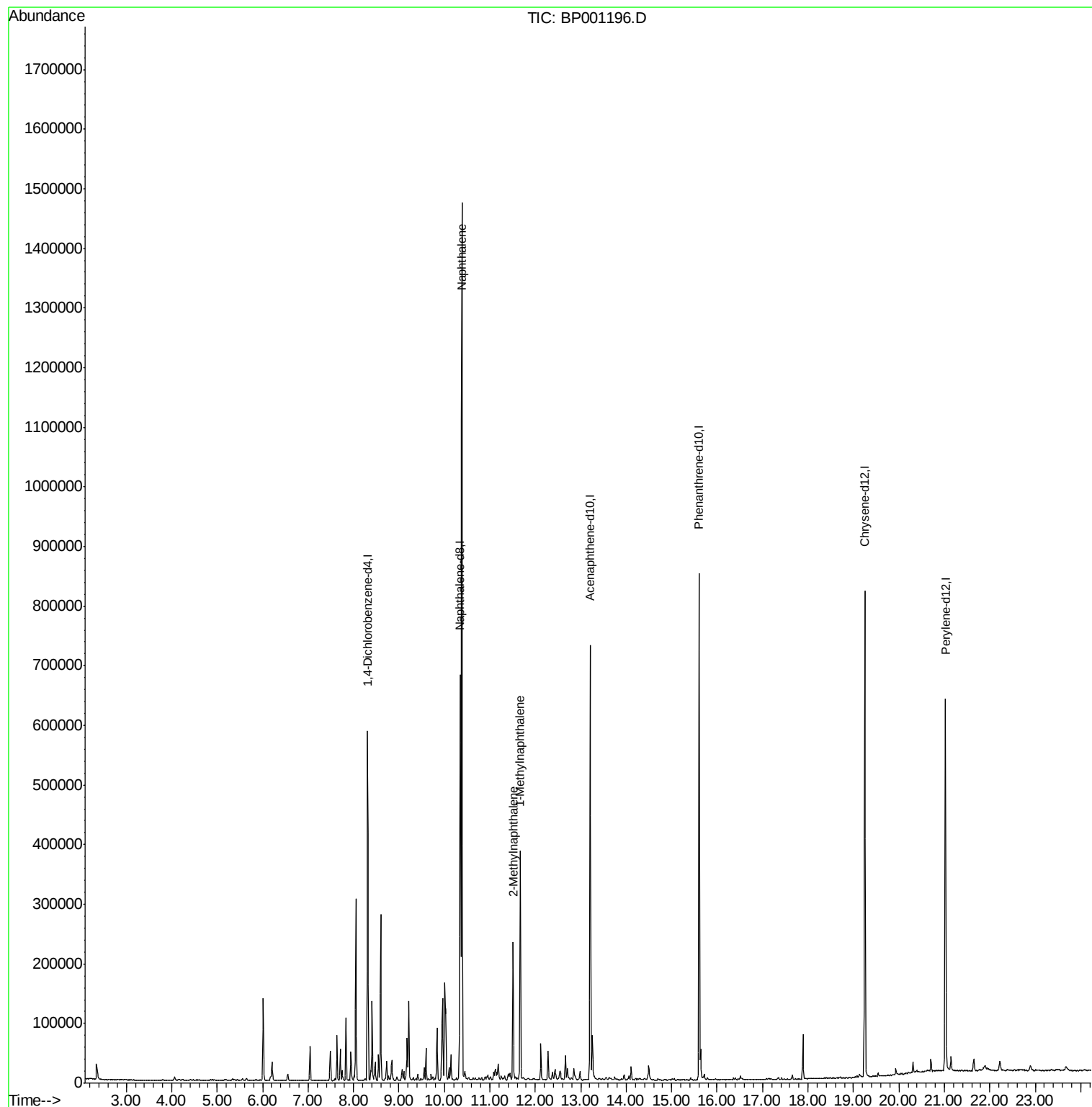
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	98408	20.00	ng	-0.02
21) Naphthalene-d8	10.35	136	365447	20.00	ng	-0.02
39) Acenaphthene-d10	13.21	164	200487	20.00	ng	-0.02
64) Phenanthrene-d10	15.60	188	380980	20.00	ng	-0.02
76) Chrysene-d12	19.25	240	308404	20.00	ng	-0.02
87) Perylene-d12	21.02	264	329745	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	8787	1.48	ng	-0.02
7) Phenol-d6	7.75	99	6858	0.87	ng	-0.02
23) Nitrobenzene-d5	9.19	82	12147	1.44	ng	-0.02
42) 2,4,6-Tribromophenol	14.50	330	3581	1.86	ng	-0.02
45) 2-Fluorobiphenyl	12.12	172	22656	1.65	ng	-0.03
79) Terphenyl-d14	17.89	244	27436	1.65	ng	-0.03
Target Compounds						
31) Naphthalene	10.38	128	750148	40.192	ng	Qvalue 100
37) 2-Methylnaphthalene	11.51	142	73122	5.741	ng	98
38) 1-Methylnaphthalene	11.67	142	121880	10.131	ng	99

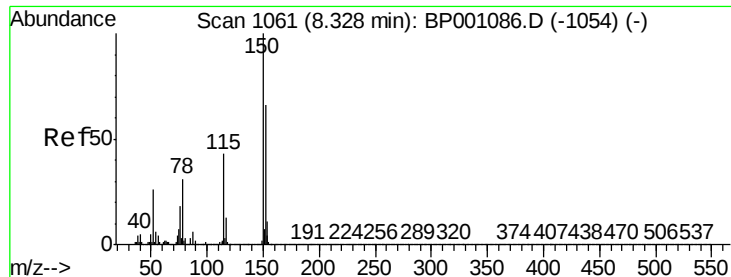
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BP001196.D

Acq: 04 Dec 2019 13:05

Instrument :

BNA_P

ClientSampleId :

MW-12DL2

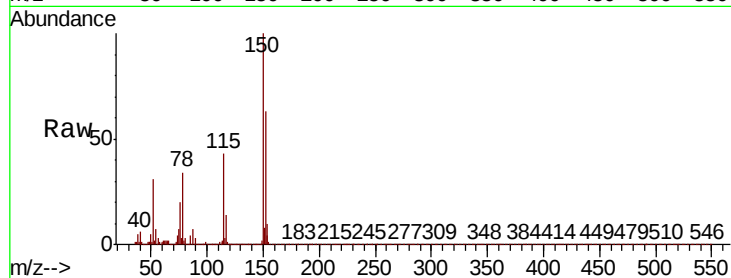
Tot Ion:152 Resp: 98408

Ion Ratio Lower Upper

152 100

150 158.1 120.6 181.0

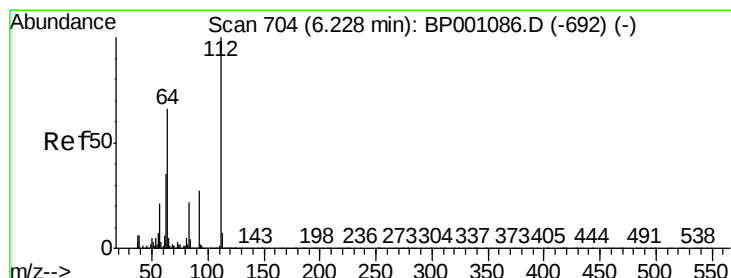
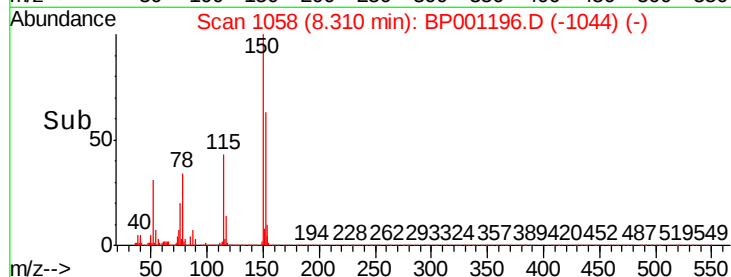
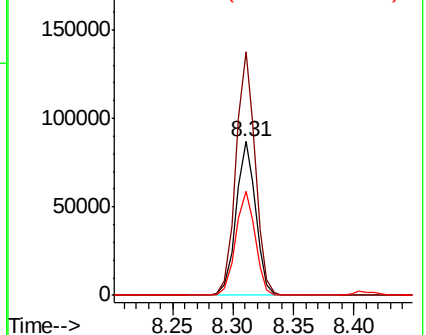
115 67.8 51.6 77.4



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: 1.481 ng

RT: 6.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BP001196.D

Acq: 04 Dec 2019 13:05

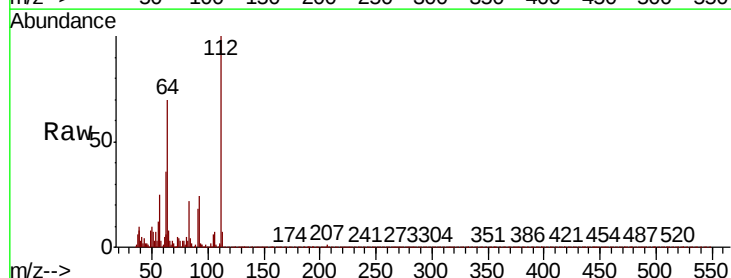
Tgt Ion:112 Resp: 8787

Ion Ratio Lower Upper

112 100

64 69.7 52.8 79.2

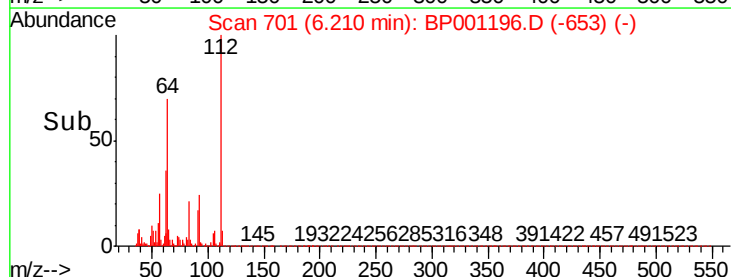
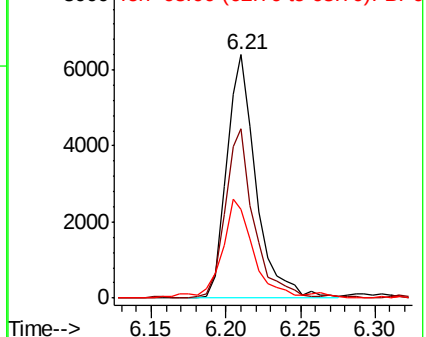
63 36.3 28.2 42.2



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: 0.868 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.02 min

Lab File: BP001196.D

Acq: 04 Dec 2019 13:05

Instrument :

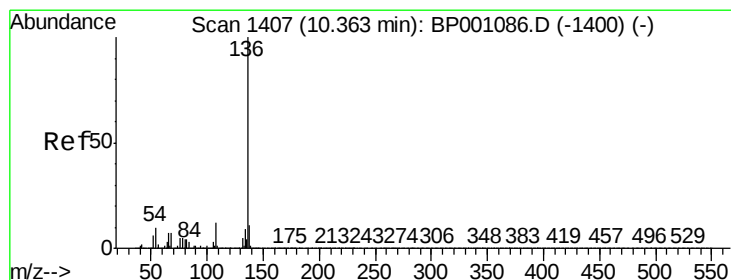
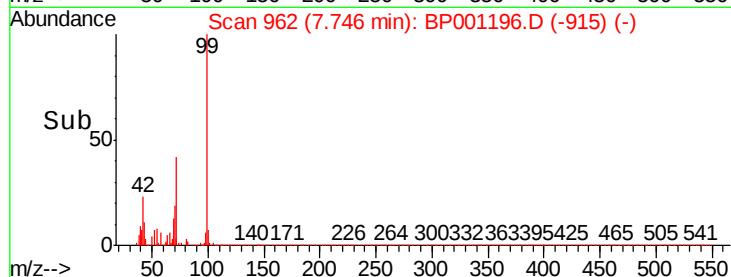
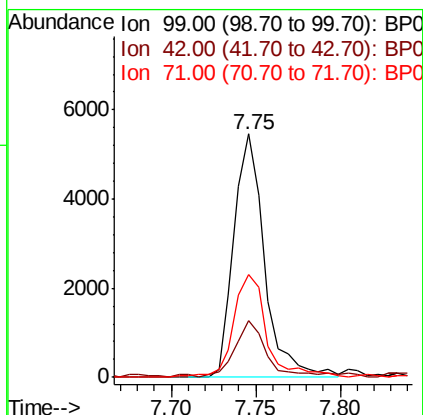
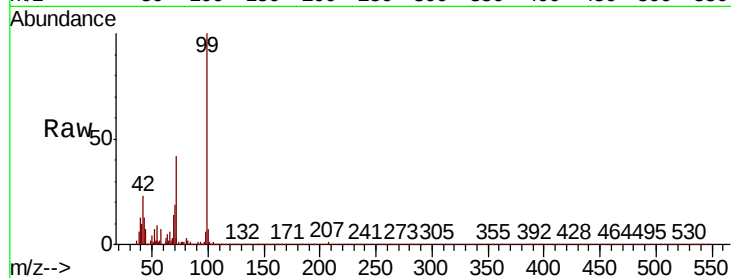
BNA_P

ClientSampleId :

MW-12DL2

Tot Ion: 99 Resp: 6858

Ion	Ratio	Lower	Upper
99	100		
42	23.4	15.4	23.0#
71	42.4	30.8	46.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1404

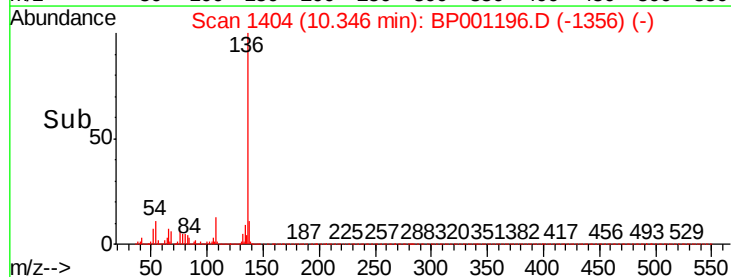
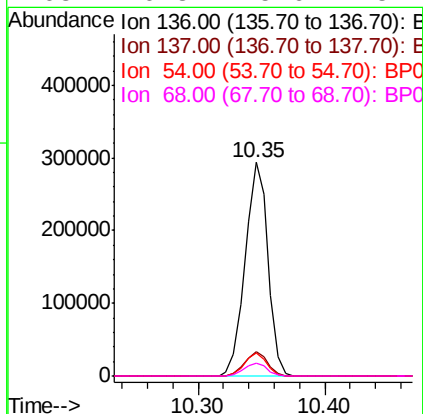
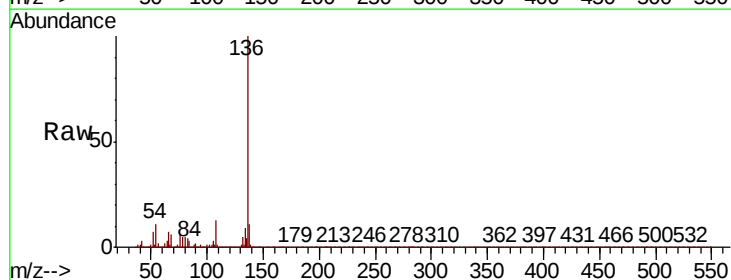
Delta R.T. -0.02 min

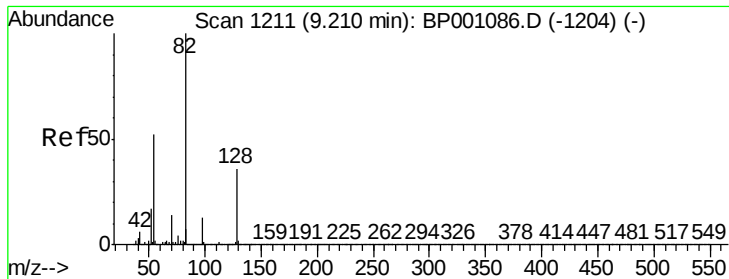
Lab File: BP001196.D

Acq: 04 Dec 2019 13:05

Tgt Ion: 136 Resp: 365447

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	10.7	7.9	11.9
68	6.3	5.6	8.4

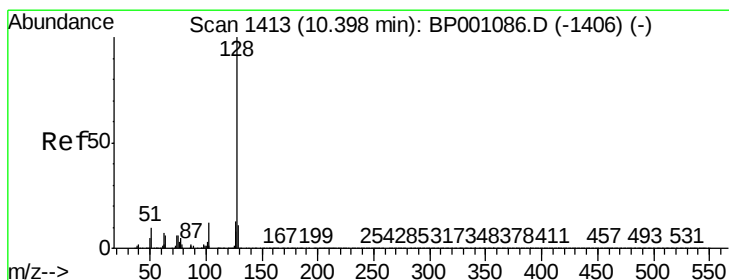
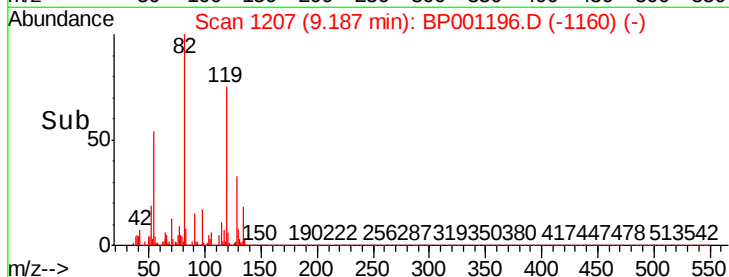
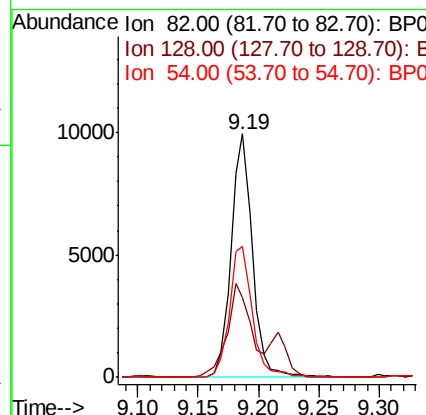
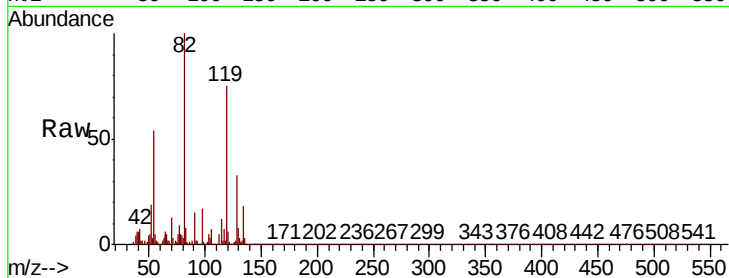




#23
Nitrobenzene-d5
Concen: 1.442 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BP001196.D
Acq: 04 Dec 2019 13:05

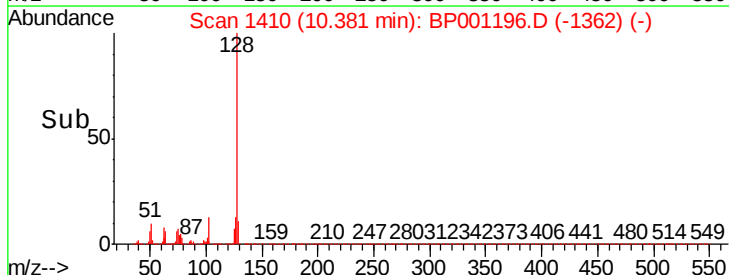
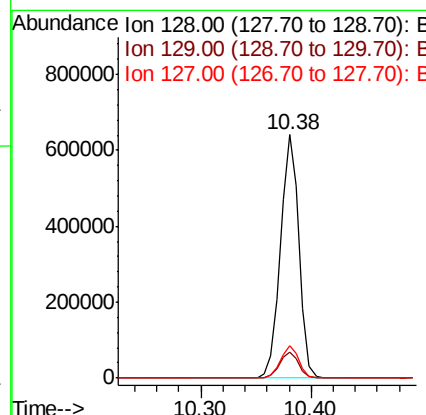
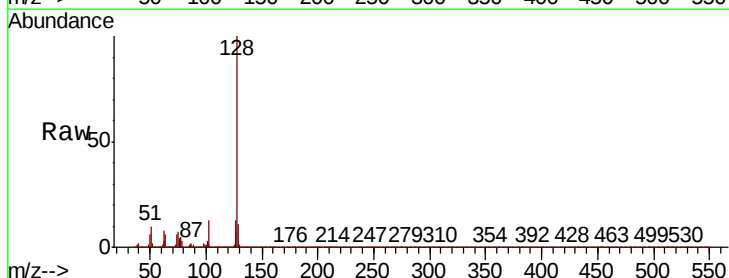
Instrument :
BNA_P
ClientSampleId :
MW-12DL2

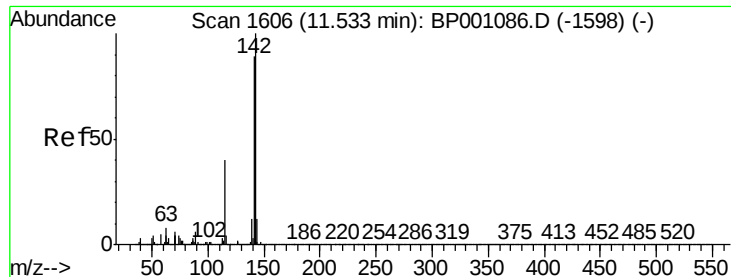
Tot Ion	Ratio	Lower	Upper
82	100		
128	32.6	28.9	43.3
54	53.8	41.9	62.9



#31
Naphthalene
Concen: 40.192 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BP001196.D
Acq: 04 Dec 2019 13:05

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.5	10.6	16.0

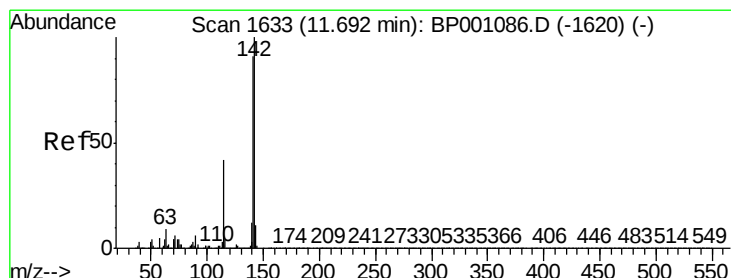
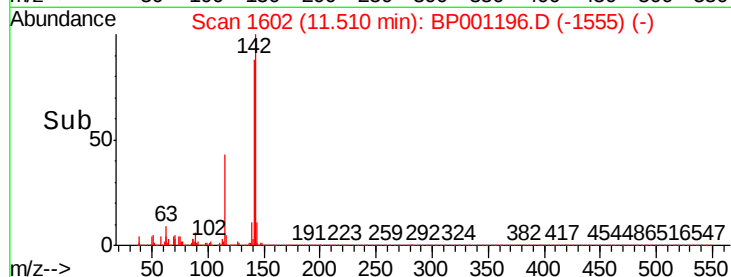
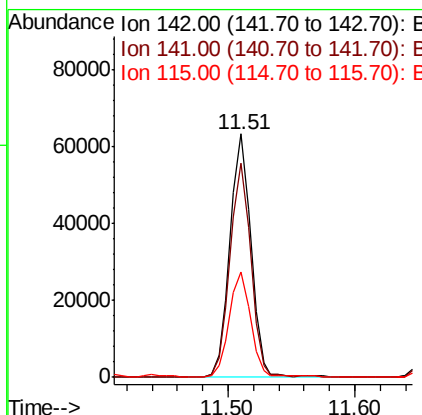
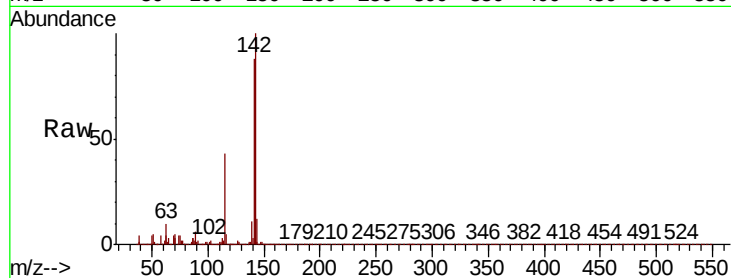




#37
2-Methylnaphthalene
Concen: 5.741 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.02 min
Lab File: BP001196.D
Acq: 04 Dec 2019 13:05

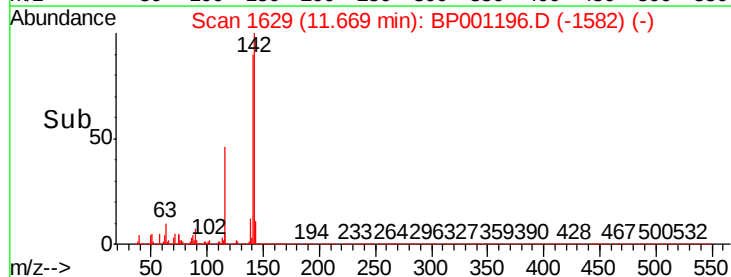
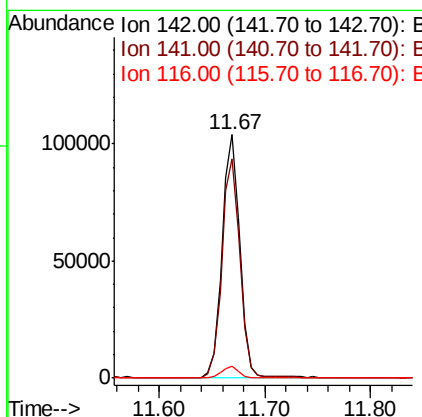
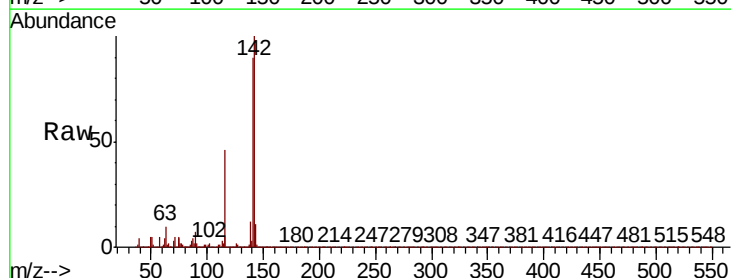
Instrument :
BNA_P
ClientSampleId :
MW-12DL2

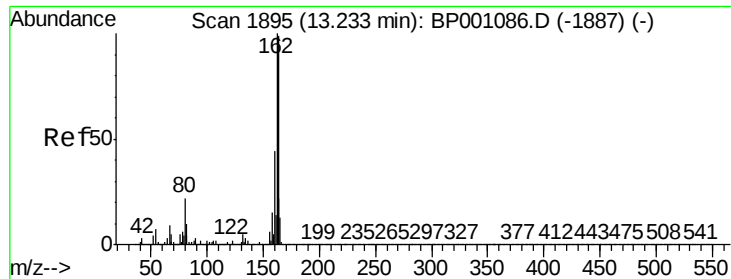
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.1	106.7
115	43.5	32.3	48.5



#38
1-Methylnaphthalene
Concen: 10.131 ng
RT: 11.67 min Scan# 1629
Delta R.T. -0.02 min
Lab File: BP001196.D
Acq: 04 Dec 2019 13:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	73.0	109.4
116	5.1	3.4	5.2

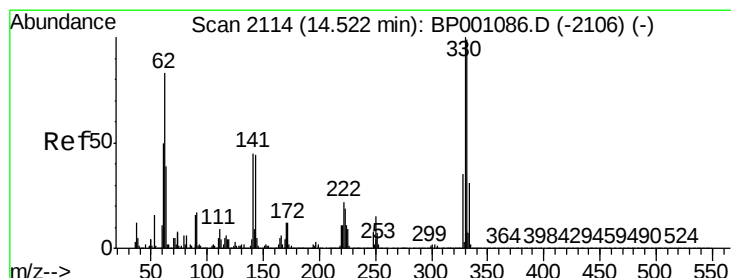
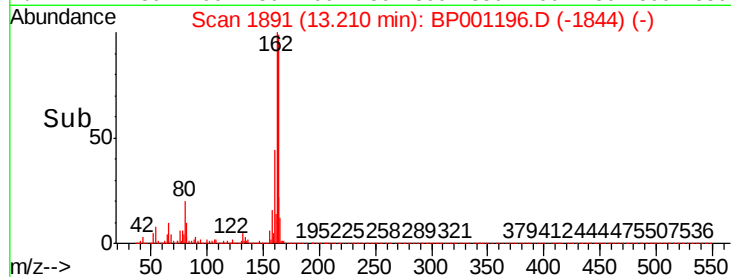
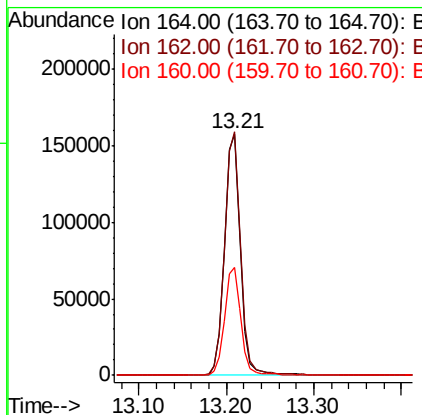
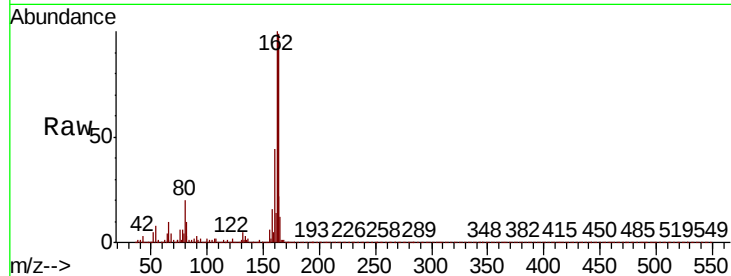




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.21 min Scan# 1891
Delta R.T. -0.02 min
Lab File: BP001196.D
Acq: 04 Dec 2019 13:05

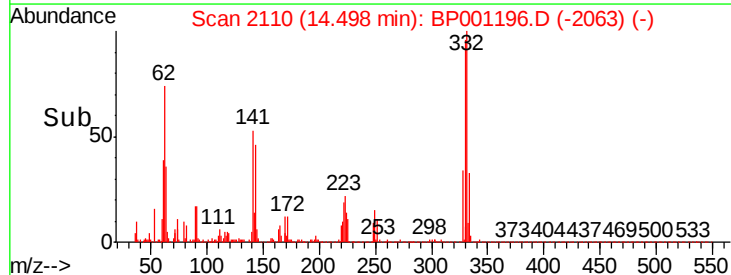
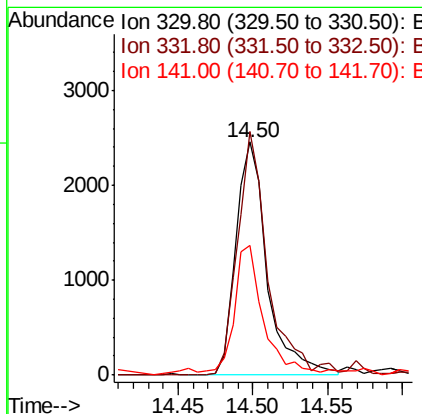
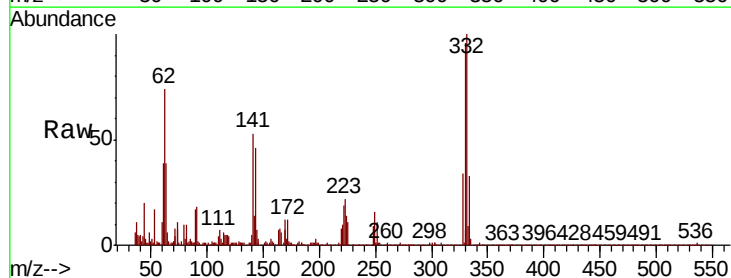
Instrument :
BNA_P
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MW-12DL2

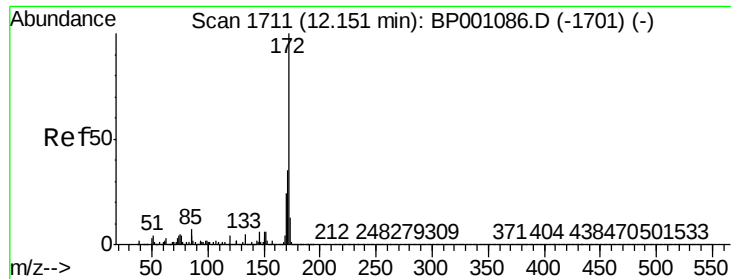
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.6	120.8
160	44.8	35.4	53.2



#42
2,4,6-Tribromophenol
Concen: 1.863 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.02 min
Lab File: BP001196.D
Acq: 04 Dec 2019 13:05

Tgt Ion	Ratio	Lower	Upper
330	100		
332	101.6	77.6	116.4
141	51.3	34.2	51.2#

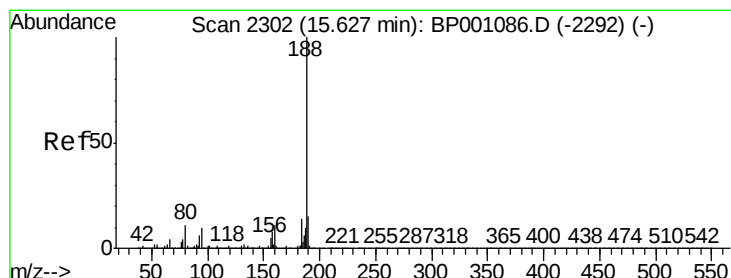
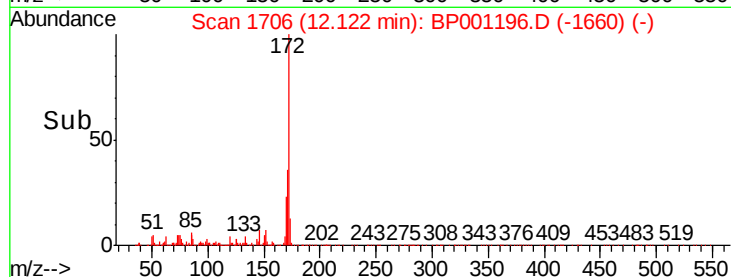
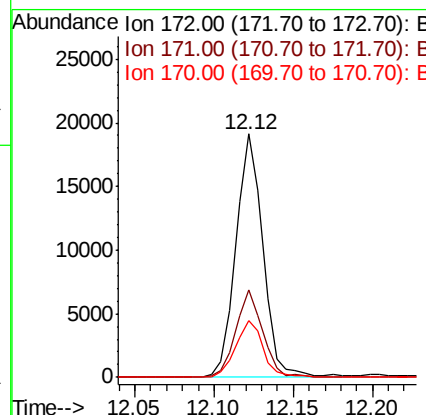
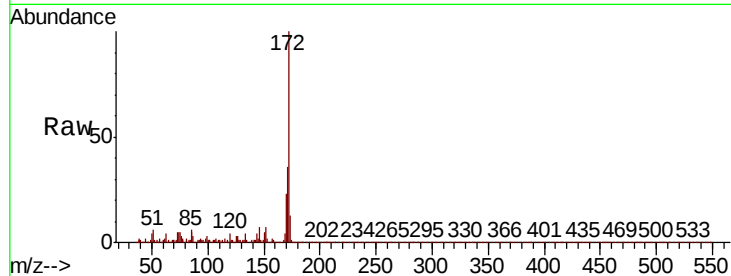




#45
2-Fluorobiphenyl
Concen: 1.654 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.03 min
Lab File: BP001196.D
Acq: 04 Dec 2019 13:05

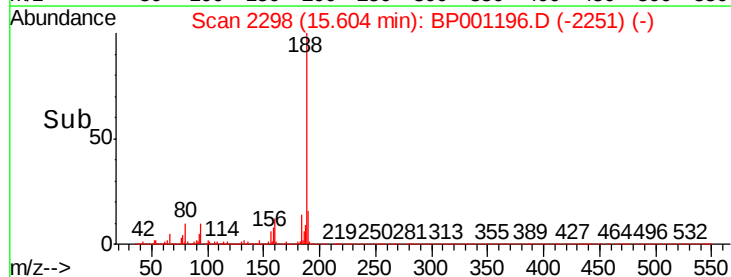
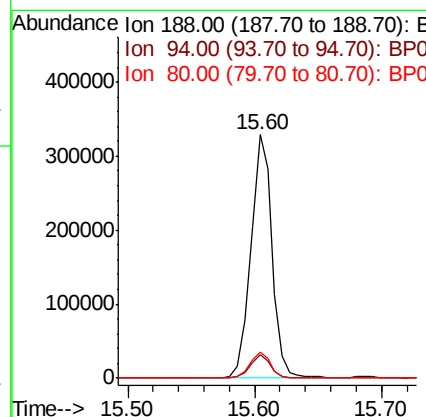
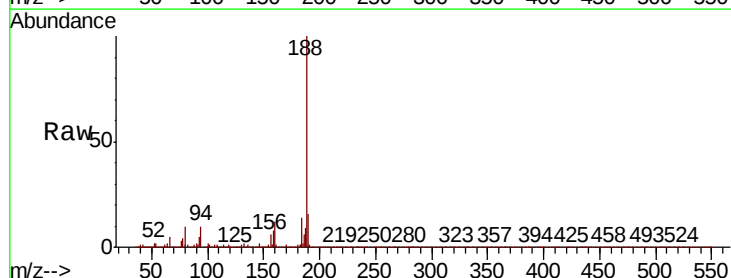
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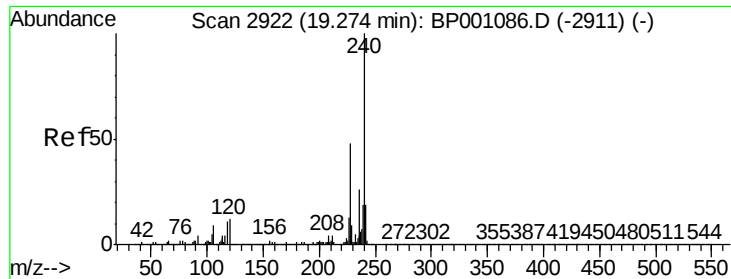
Tot Ion:172 Resp: 22656
Ion Ratio Lower Upper
172 100
171 35.8 27.9 41.9
170 23.4 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BP001196.D
Acq: 04 Dec 2019 13:05

Tgt Ion:188 Resp: 380980
Ion Ratio Lower Upper
188 100
94 9.5 7.9 11.9
80 10.5 8.8 13.2

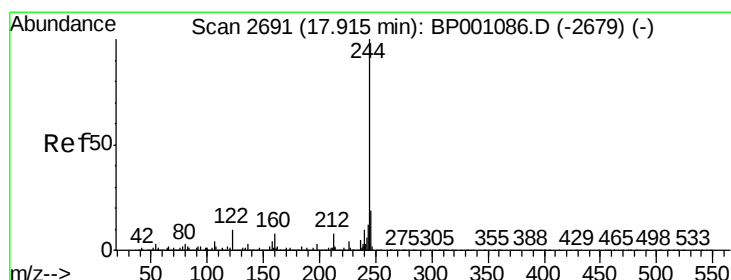
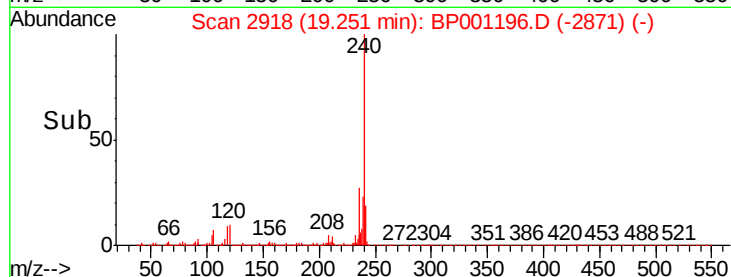
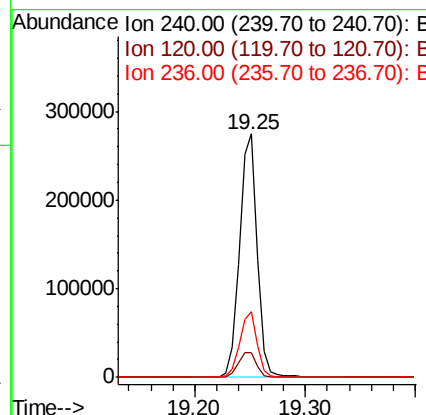
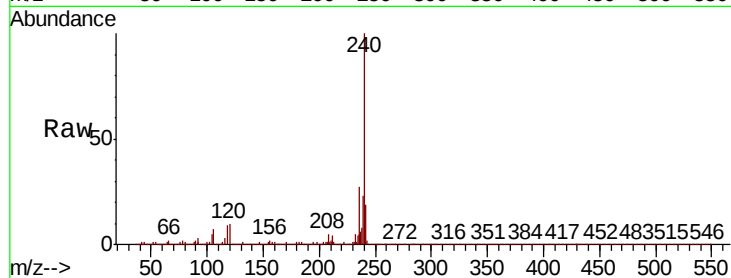




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 19.25 min Scan# 2918
 Delta R.T. -0.02 min
 Lab File: BP001196.D
 Acq: 04 Dec 2019 13:05

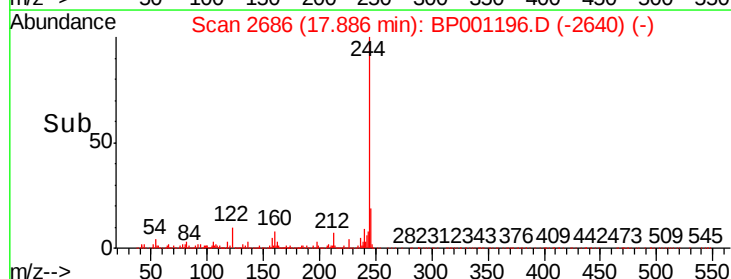
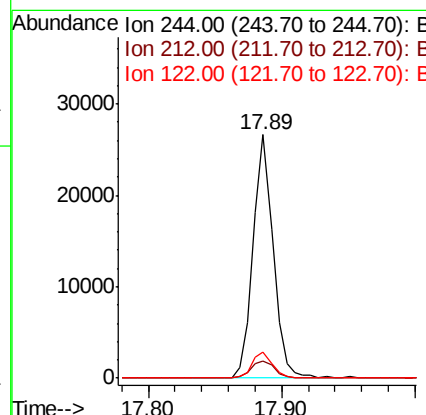
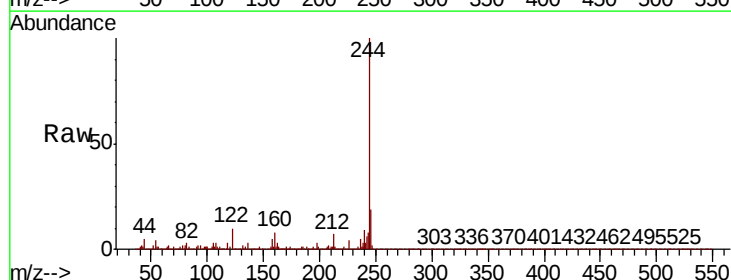
Instrument :
 BNA_P
 ClientSampleId :
 MW-12DL2

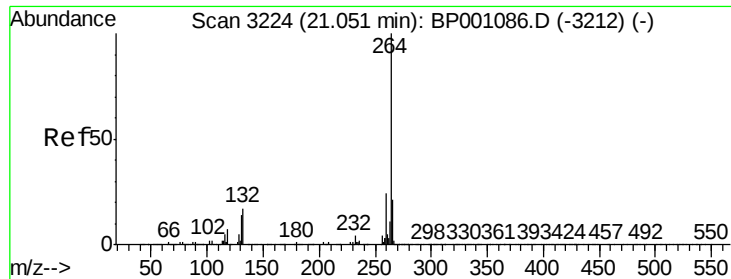
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.5	14.3
236	27.1	20.4	30.6



#79
 Terphenyl-d14
 Concen: 1.646 ng
 RT: 17.89 min Scan# 2686
 Delta R.T. -0.03 min
 Lab File: BP001196.D
 Acq: 04 Dec 2019 13:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	10.5	8.2	12.2

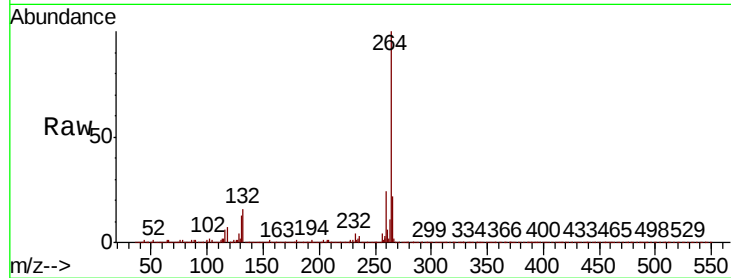




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 21.02 min Scan# 3219
 Delta R.T. -0.03 min
 Lab File: BP001196.D
 Acq: 04 Dec 2019 13:05

Instrument :
 BNA_P
 ClientSampleId :
 MW-12DL2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.8	28.2
265	22.4	16.9	25.3



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

