

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
 Data File : BP001197.D
 Acq On : 04 Dec 2019 13:35
 Operator : JU
 Sample : K6027-10DL2 50X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-14DL2

Quant Time: Dec 04 14:16:35 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

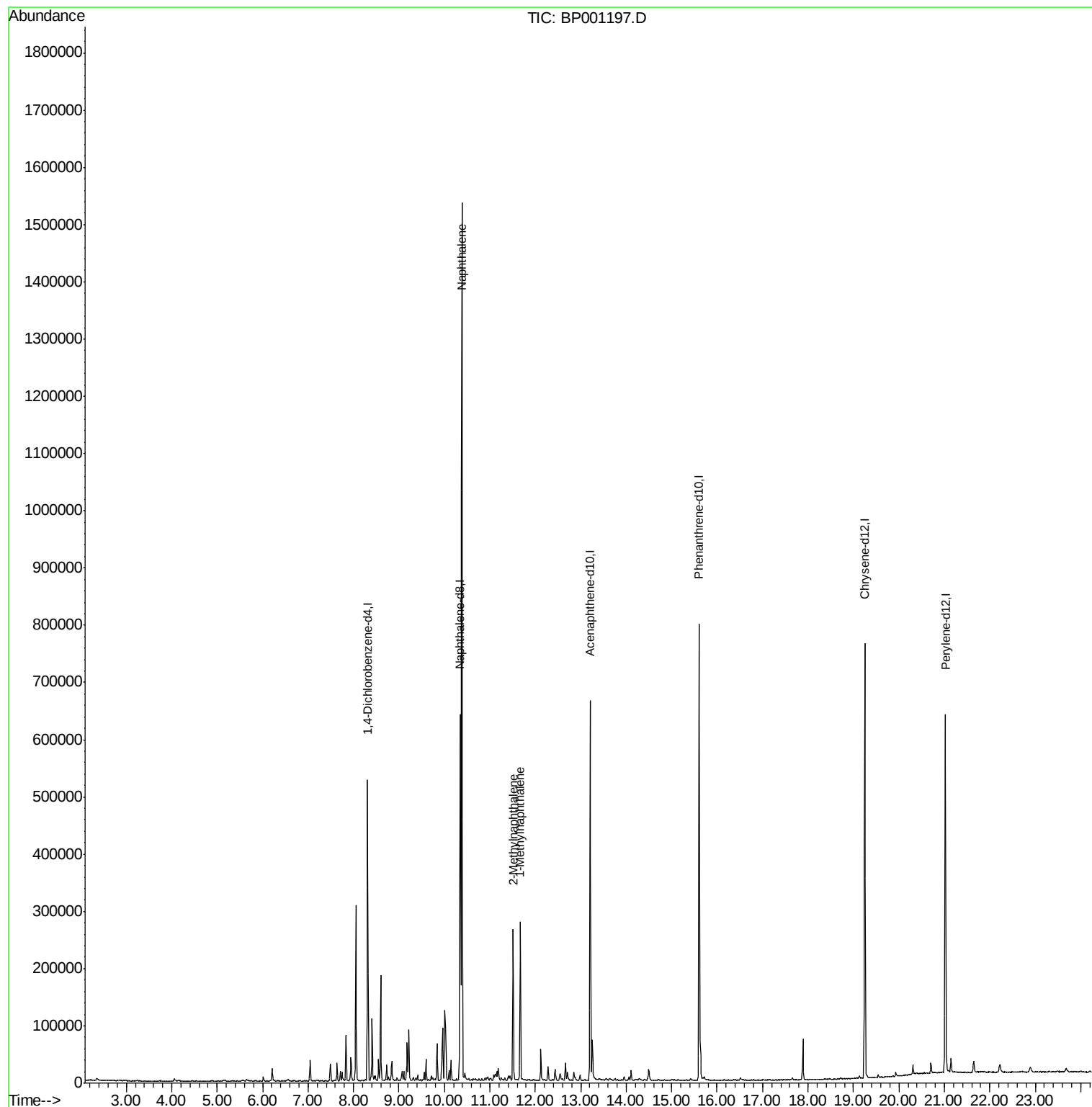
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	89117	20.00	ng	-0.02
21) Naphthalene-d8	10.35	136	328742	20.00	ng	-0.02
39) Acenaphthene-d10	13.21	164	184841	20.00	ng	-0.02
64) Phenanthrene-d10	15.60	188	363808	20.00	ng	-0.02
76) Chrysene-d12	19.25	240	295218	20.00	ng	-0.02
87) Perylene-d12	21.02	264	322841	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	7452	1.39	ng	-0.02
7) Phenol-d6	7.75	99	6268	0.88	ng	-0.02
23) Nitrobenzene-d5	9.19	82	10085	1.33	ng	-0.02
42) 2,4,6-Tribromophenol	14.50	330	3175	1.79	ng	-0.02
45) 2-Fluorobiphenyl	12.12	172	20006	1.58	ng	-0.03
79) Terphenyl-d14	17.89	244	26684	1.67	ng	-0.03
Target Compounds						
31) Naphthalene	10.38	128	762944	45.441	ng	100
37) 2-Methylnaphthalene	11.51	142	80301	7.009	ng	96
38) 1-Methylnaphthalene	11.67	142	84551	7.813	ng	99

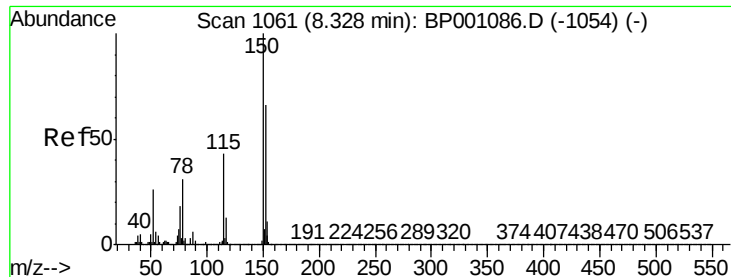
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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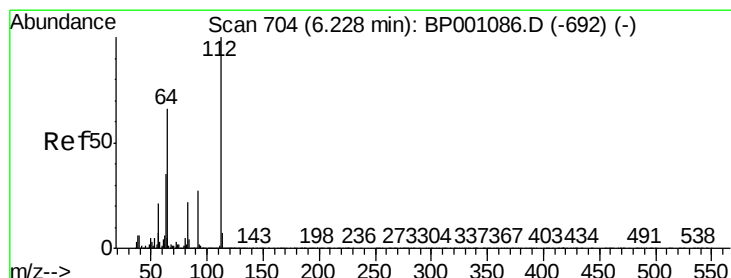
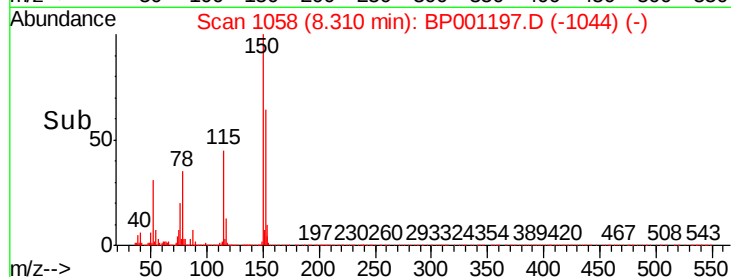
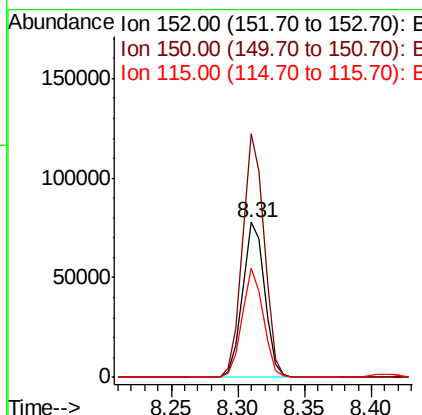
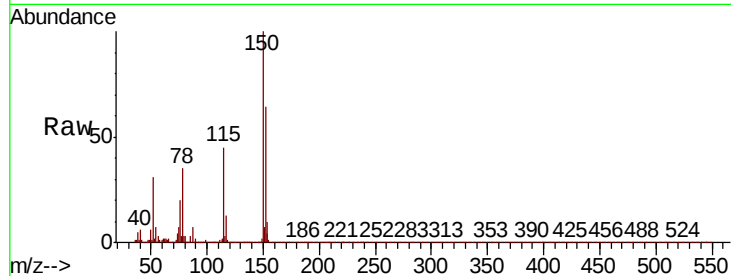




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.31 min Scan# 1058
 Delta R.T. -0.02 min
 Lab File: BP001197.D
 Acq: 04 Dec 2019 13:35

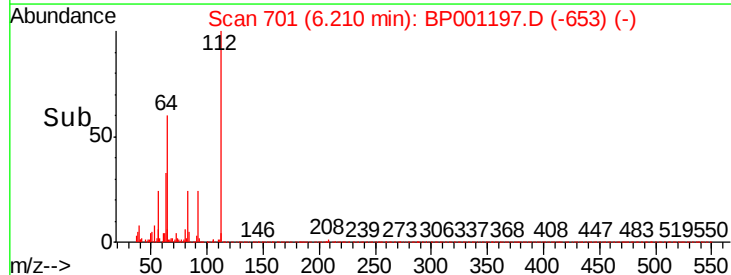
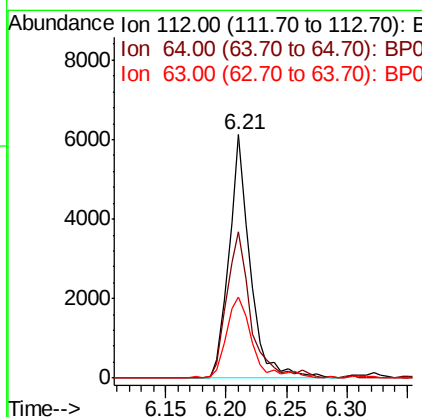
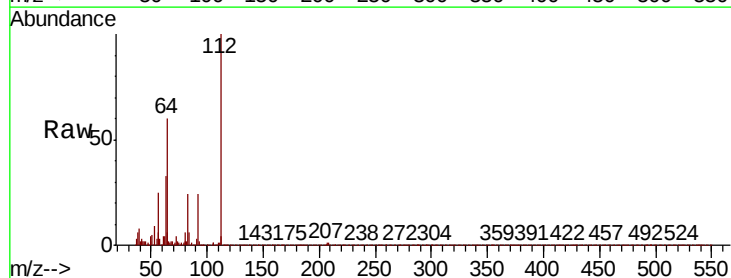
Instrument :
 BNA_P
 ClientSampleId :
 MW-14DL2

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	120.6	181.0
115	70.2	51.6	77.4



#5
 2-Fluorophenol
 Concen: 1.387 ng
 RT: 6.21 min Scan# 701
 Delta R.T. -0.02 min
 Lab File: BP001197.D
 Acq: 04 Dec 2019 13:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	52.8	79.2
63	33.3	28.2	42.2





#7

Phenol-d6

Concen: 0.876 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.02 min

Lab File: BP001197.D

Acq: 04 Dec 2019 13:35

Instrument :

BNA_P

ClientSampleId :

MW-14DL2

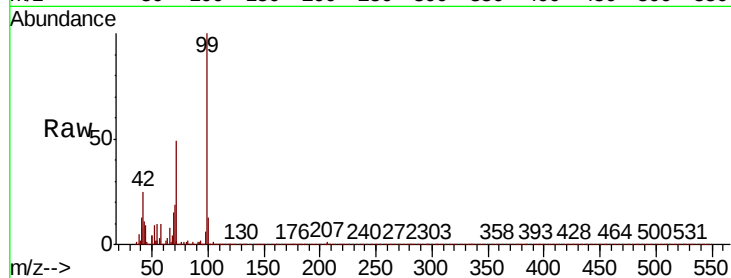
Tot Ion: 99 Resp: 6268

Ion Ratio Lower Upper

99 100

42 25.2 15.4 23.0#

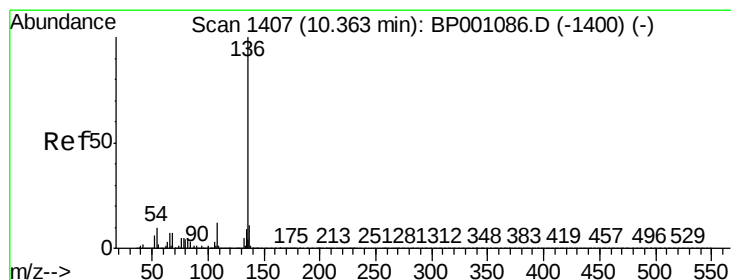
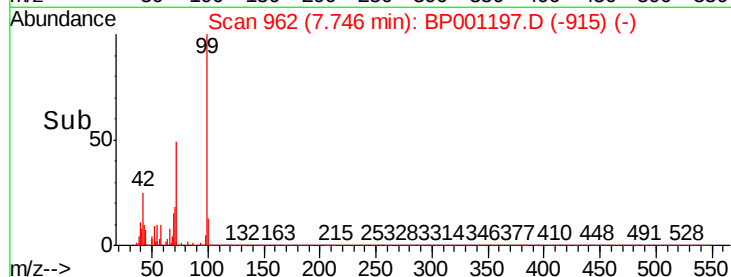
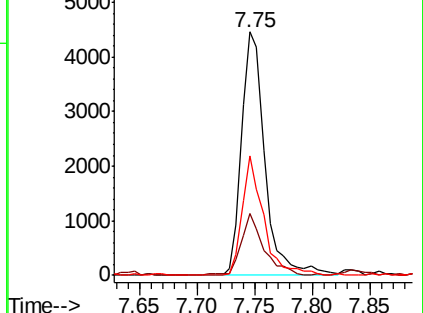
71 49.0 30.8 46.2#



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# 1404

Delta R.T. -0.02 min

Lab File: BP001197.D

Acq: 04 Dec 2019 13:35

Tgt Ion: 136 Resp: 328742

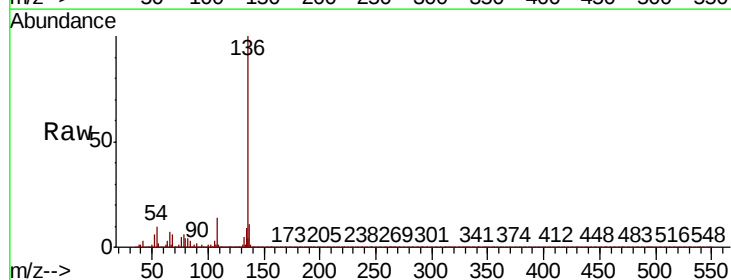
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 10.2 7.9 11.9

68 6.3 5.6 8.4

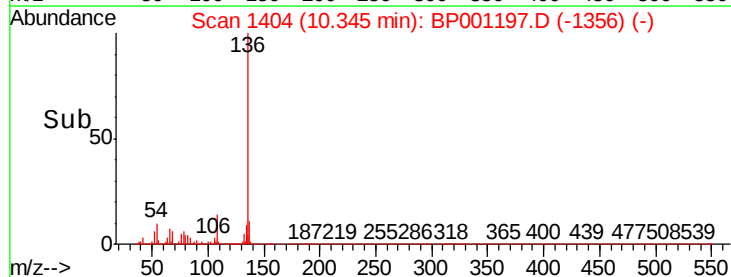
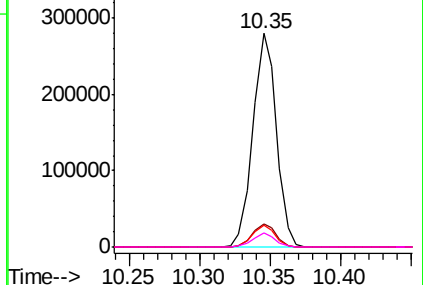


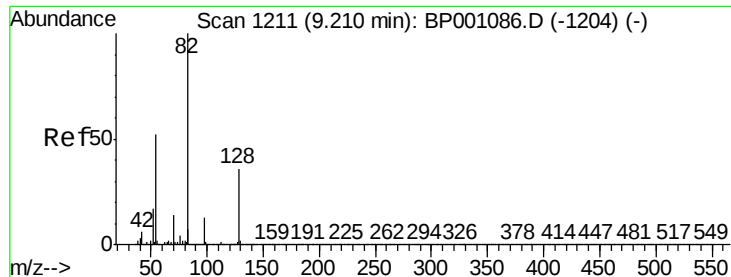
Abundance Ion 136.00 (135.70 to 136.70): E

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

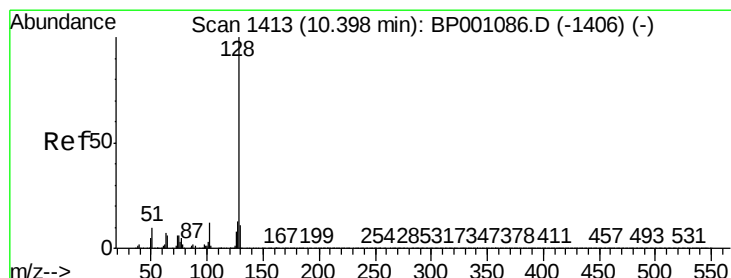
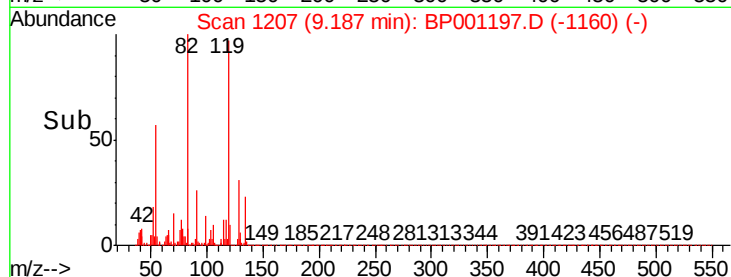
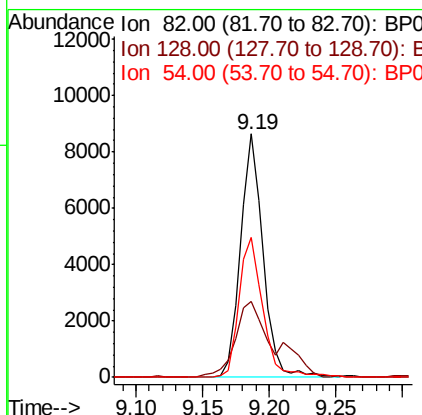
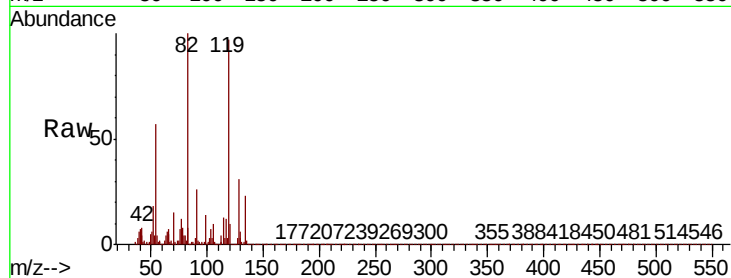




#23
Nitrobenzene-d5
Concen: 1.331 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BP001197.D
Acq: 04 Dec 2019 13:35

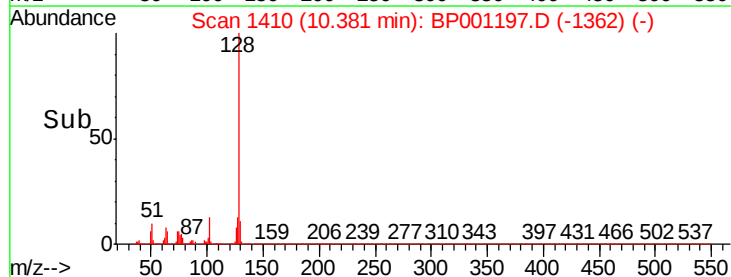
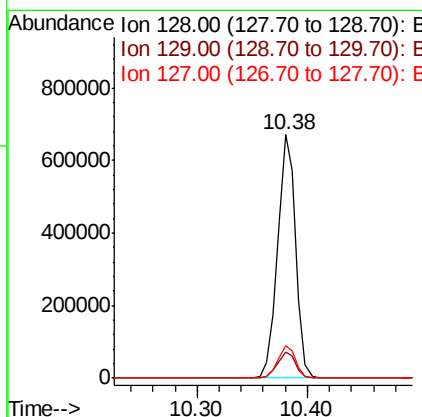
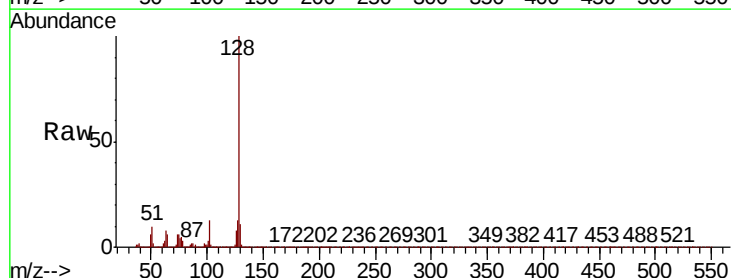
Instrument :
BNA_P
ClientSampleId :
MW-14DL2

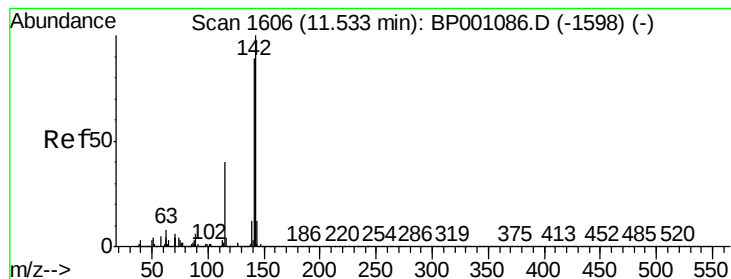
Tot Ion	Ratio	Lower	Upper
82	100		
128	31.1	28.9	43.3
54	57.4	41.9	62.9



#31
Naphthalene
Concen: 45.441 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BP001197.D
Acq: 04 Dec 2019 13:35

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.2	10.6	16.0





#37

2-Methylnaphthalene

Concen: 7.009 ng

RT: 11.51 min Scan# 1602

Delta R.T. -0.02 min

Lab File: BP001197.D

Acq: 04 Dec 2019 13:35

Instrument :

BNA_P

ClientSampleId :

MW-14DL2

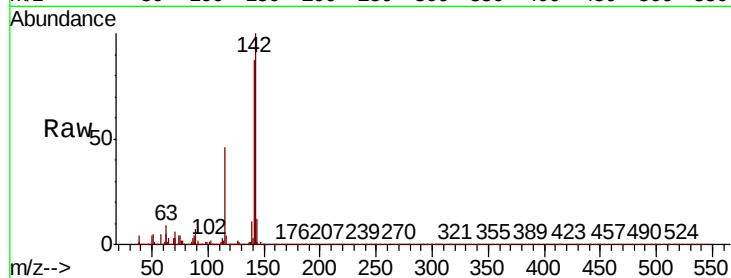
Tot Ion:142 Resp: 80301

Ion Ratio Lower Upper

142 100

141 86.8 71.1 106.7

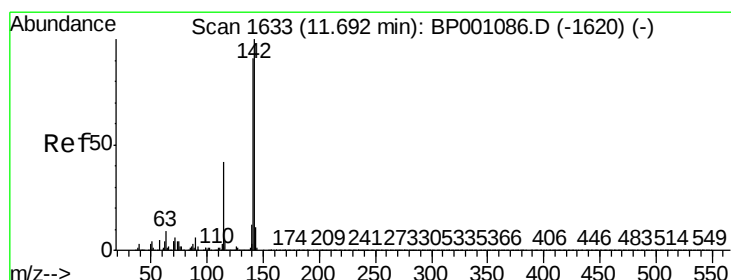
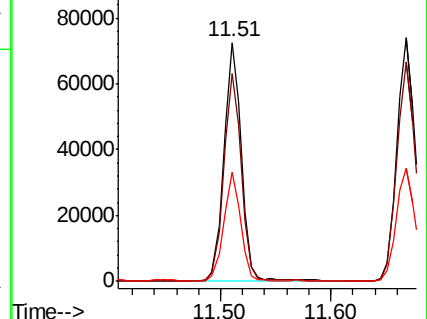
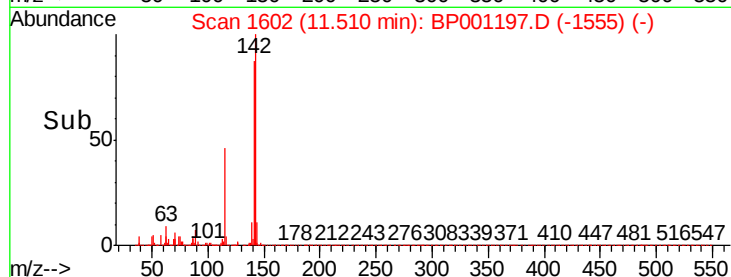
115 46.0 32.3 48.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 7.813 ng

RT: 11.67 min Scan# 1629

Delta R.T. -0.02 min

Lab File: BP001197.D

Acq: 04 Dec 2019 13:35

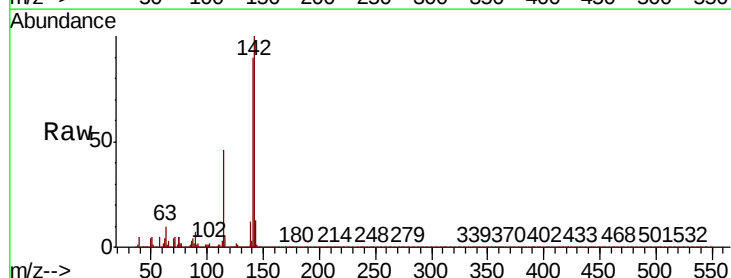
Tgt Ion:142 Resp: 84551

Ion Ratio Lower Upper

142 100

141 90.0 73.0 109.4

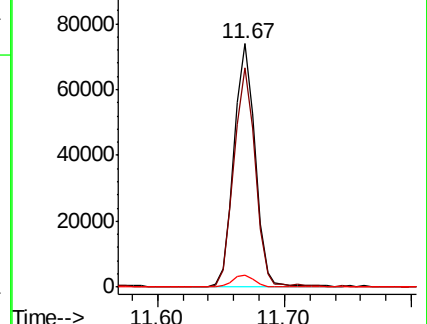
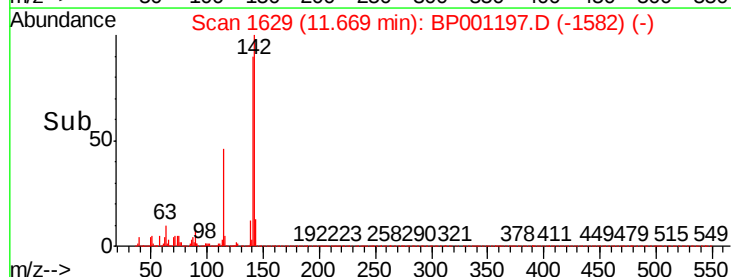
116 4.7 3.4 5.2

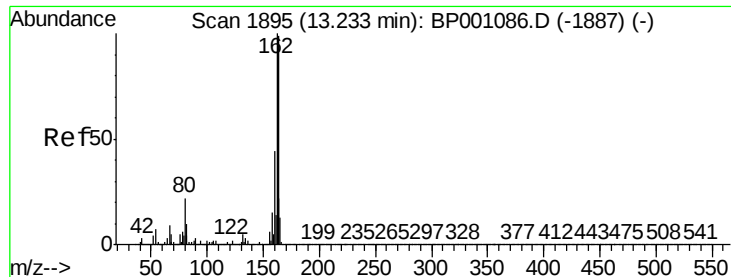


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

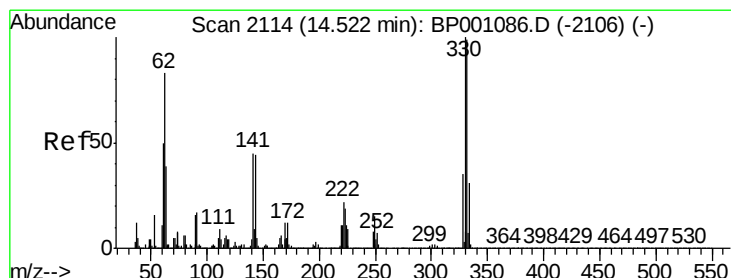
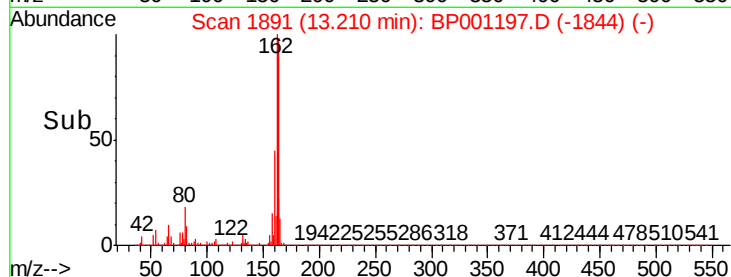
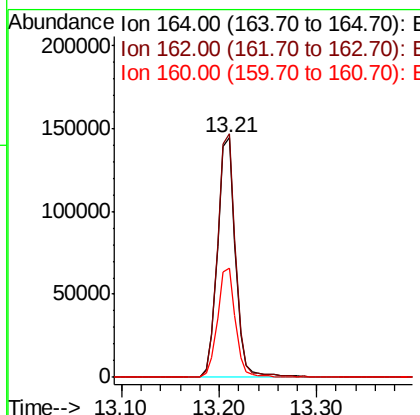
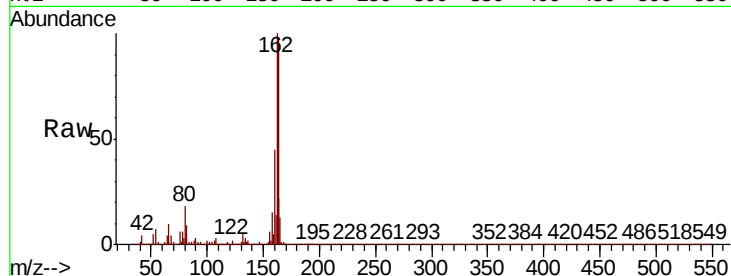




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.21 min Scan# 1891
Delta R.T. -0.02 min
Lab File: BP001197.D
Acq: 04 Dec 2019 13:35

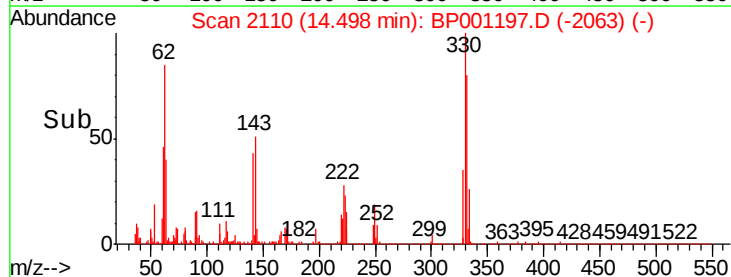
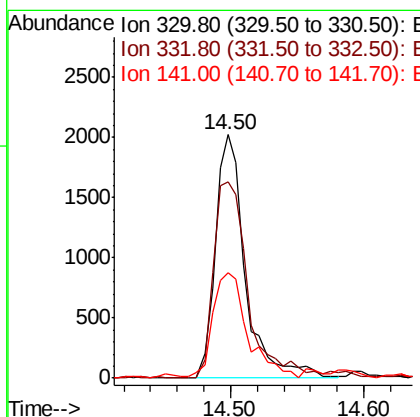
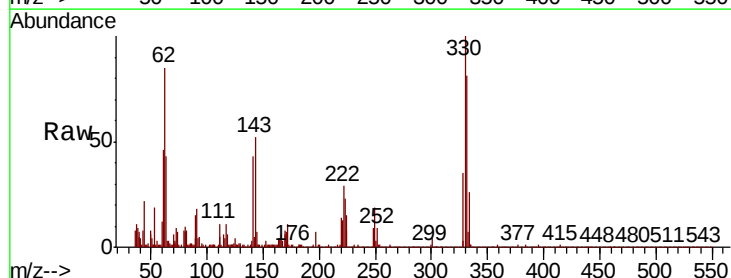
Instrument :
BNA_P
ClientSampleId :
MW-14DL2

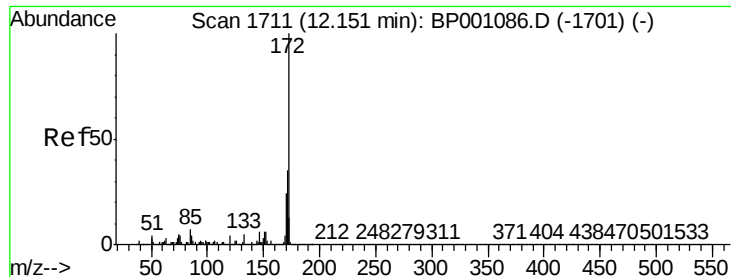
Tot Ion:164 Resp: 184841
Ion Ratio Lower Upper
164 100
162 101.8 80.6 120.8
160 45.6 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 1.792 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.02 min
Lab File: BP001197.D
Acq: 04 Dec 2019 13:35

Tgt Ion:330 Resp: 3175
Ion Ratio Lower Upper
330 100
332 93.3 77.6 116.4
141 50.4 34.2 51.2

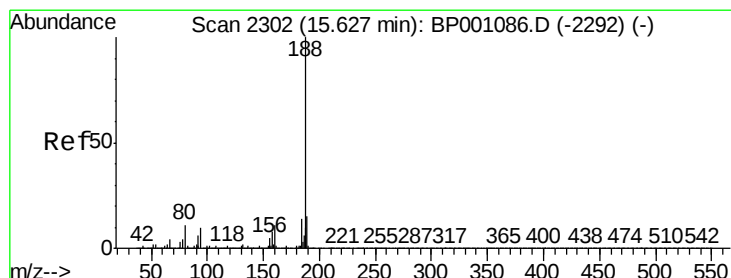
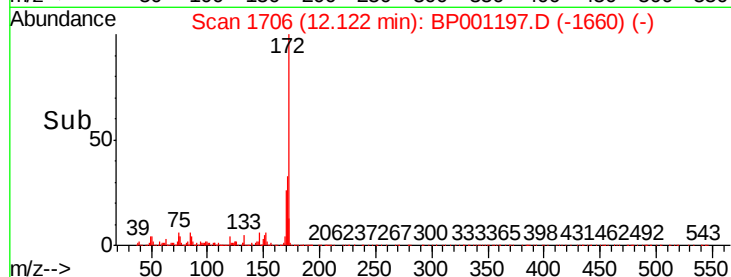
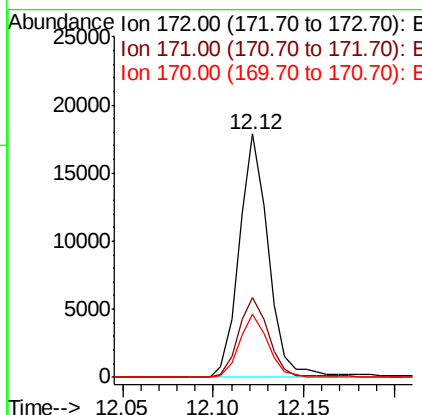
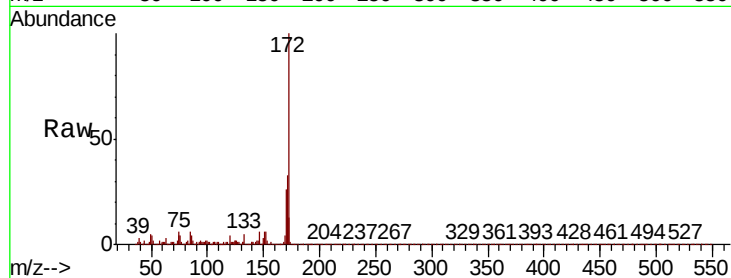




#45
2-Fluorobiphenyl
Concen: 1.584 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.03 min
Lab File: BP001197.D
Acq: 04 Dec 2019 13:35

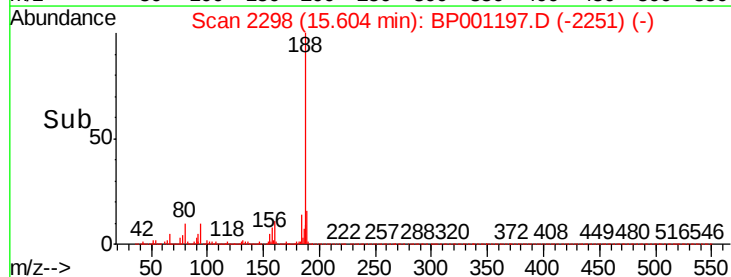
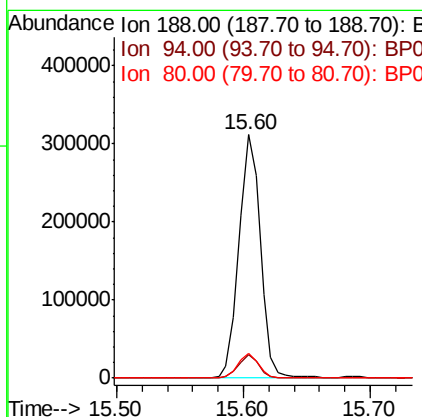
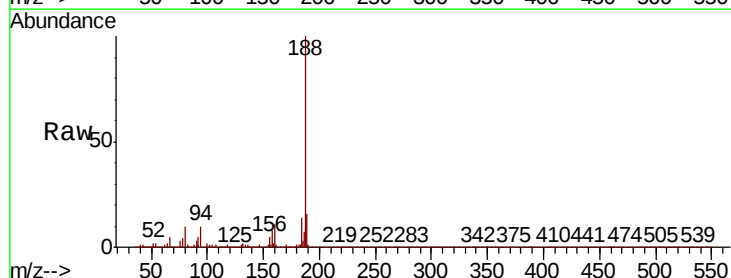
Instrument :
BNA_P
ClientSampleId :
MW-14DL2

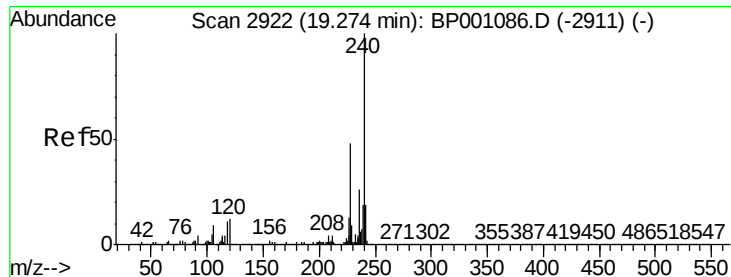
Tot Ion:172 Resp: 20006
Ion Ratio Lower Upper
172 100
171 32.9 27.9 41.9
170 25.8 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BP001197.D
Acq: 04 Dec 2019 13:35

Tgt Ion:188 Resp: 363808
Ion Ratio Lower Upper
188 100
94 9.6 7.9 11.9
80 10.4 8.8 13.2

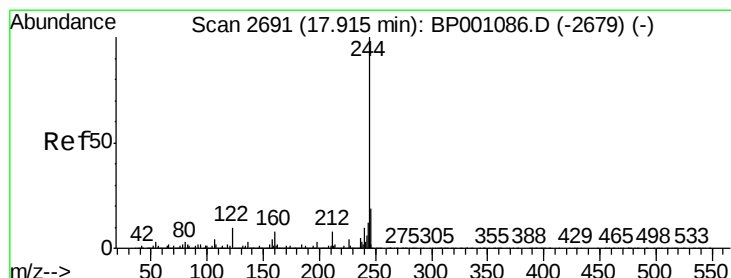
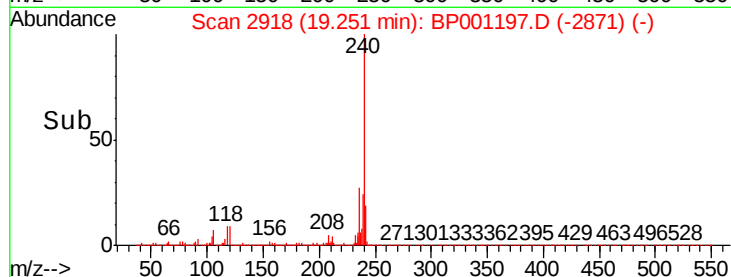
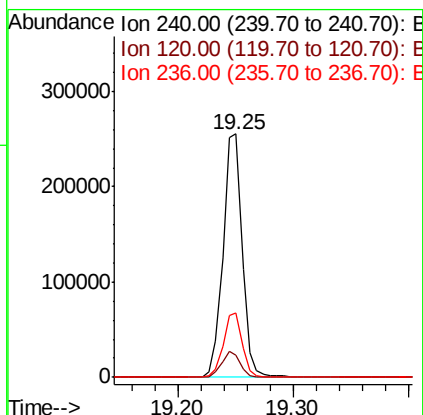
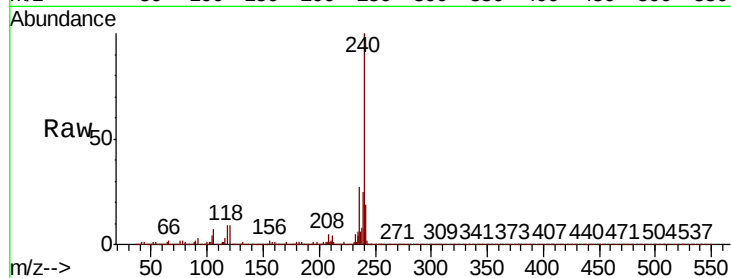




#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.25 min Scan# 2918
Delta R.T. -0.02 min
Lab File: BP001197.D
Acq: 04 Dec 2019 13:35

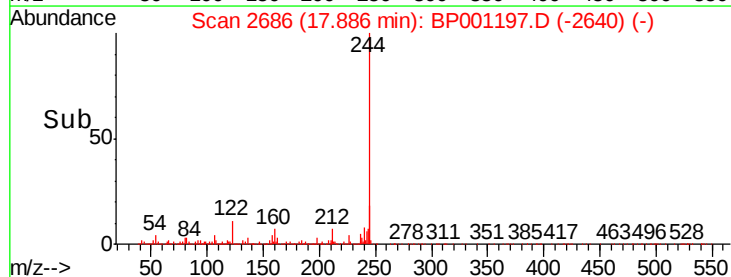
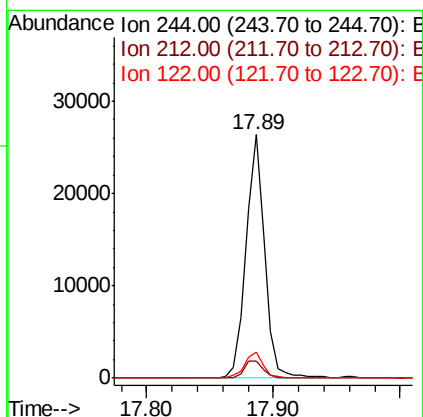
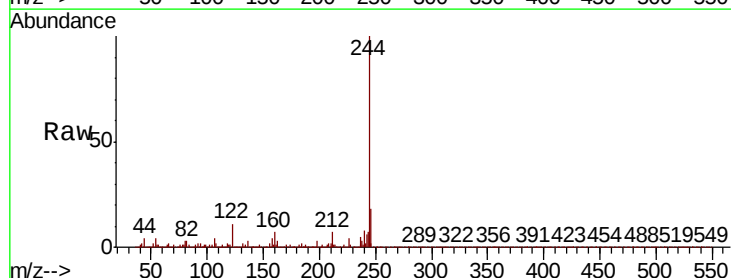
Instrument :
BNA_P
ClientSampleId :
MW-14DL2

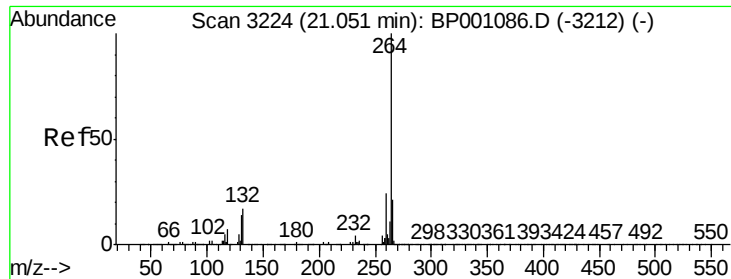
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.2	9.5	14.3#
236	26.6	20.4	30.6



#79
Terphenyl-d14
Concen: 1.672 ng
RT: 17.89 min Scan# 2686
Delta R.T. -0.03 min
Lab File: BP001197.D
Acq: 04 Dec 2019 13:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	10.7	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: BP001197.D
Acq: 04 Dec 2019 13:35

Instrument :
BNA_P
ClientSampleId :
MW-14DL2

Tot Ion: 264 Resp: 322841

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.8	28.2
265	22.3	16.9	25.3

