

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
 Data File : BP001148.D
 Acq On : 03 Dec 2019 04:00
 Operator : JU
 Sample : K6014-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 03 07:44:05 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

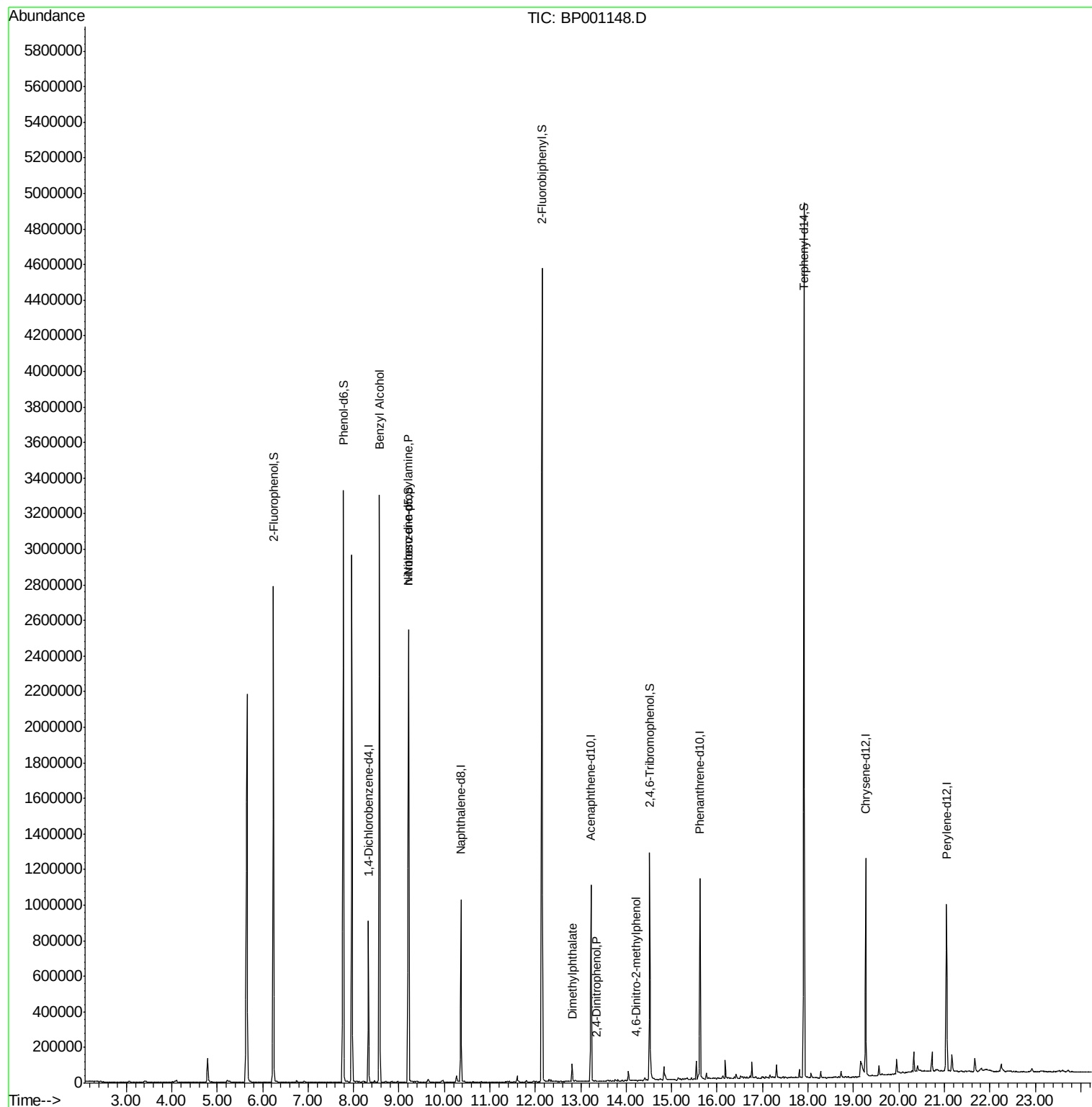
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	149874	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	534129	20.00	ng	0.00
39) Acenaphthene-d10	13.23	164	285789	20.00	ng	0.00
64) Phenanthrene-d10	15.62	188	535313	20.00	ng	0.00
76) Chrysene-d12	19.27	240	444594	20.00	ng	0.00
87) Perylene-d12	21.05	264	487643	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	901652	99.81	ng	0.01
7) Phenol-d6	7.78	99	1495278	124.24	ng	0.01
23) Nitrobenzene-d5	9.21	82	1162567	94.43	ng	0.00
42) 2,4,6-Tribromophenol	14.52	330	175957	64.23	ng	0.00
45) 2-Fluorobiphenyl	12.15	172	1825100	93.47	ng	0.00
79) Terphenyl-d14	17.92	244	2069084	86.10	ng	0.00
Target Compounds						
9) Benzaldehyde	7.67	77	104	Below Cal		Qvalue # 18
15) Benzyl Alcohol	8.57	79	22274	2.255	ng	# 50
19) n-Nitroso-di-n-propylamine	9.21	70	161439	18.590	ng	# 82
50) Dimethylphthalate	12.81	163	46886	2.194	ng	100
54) 2,4-Dinitrophenol	13.34	184	6	7.112	ng	# 1
65) 4,6-Dinitro-2-methylphenol	14.22	198	12	6.281	ng	# 1

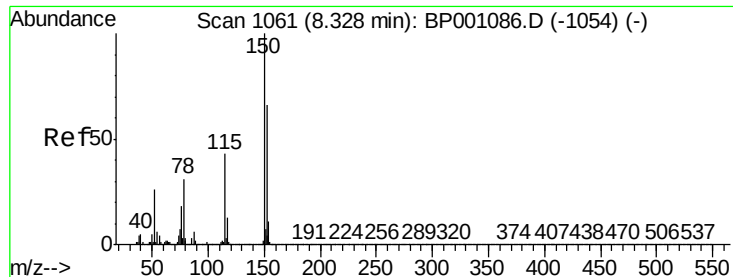
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 8.33 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BP001148.D

Acq: 03 Dec 2019 04:00

Instrument :

BNA_P

ClientSampled :

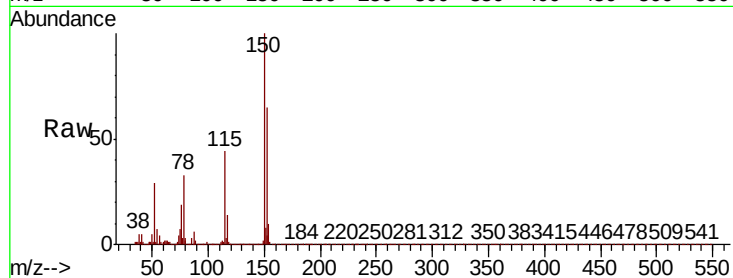
Tot Ion:152 Resp: 149874

Ion Ratio Lower Upper

152 100

150 154.9 120.6 181.0

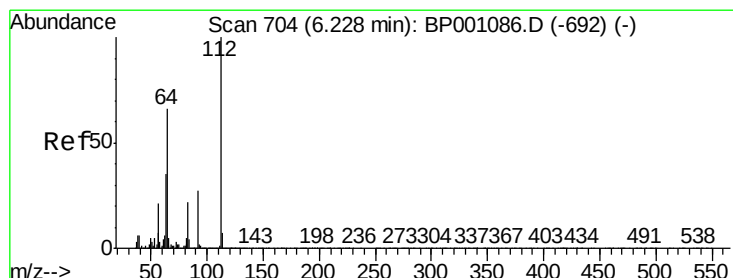
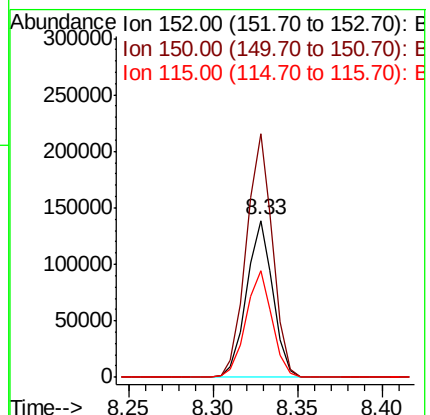
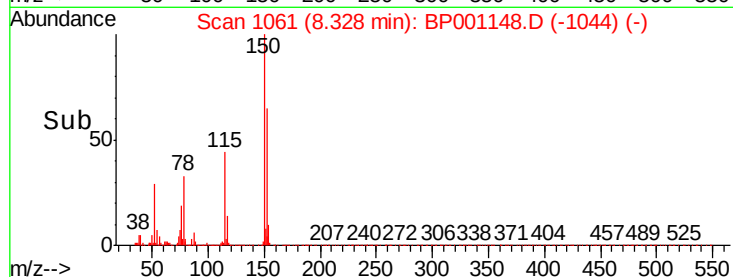
115 68.2 51.6 77.4



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: 99.811 ng

RT: 6.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BP001148.D

Acq: 03 Dec 2019 04:00

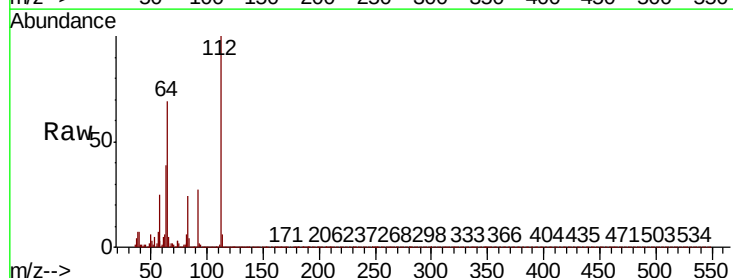
Tgt Ion:112 Resp: 901652

Ion Ratio Lower Upper

112 100

64 68.8 52.8 79.2

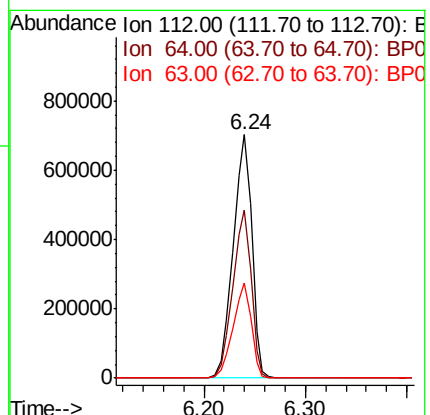
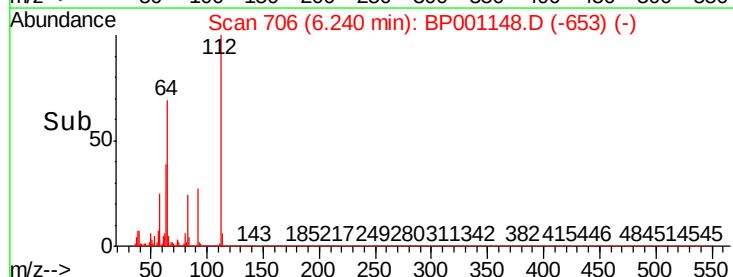
63 38.8 28.2 42.2

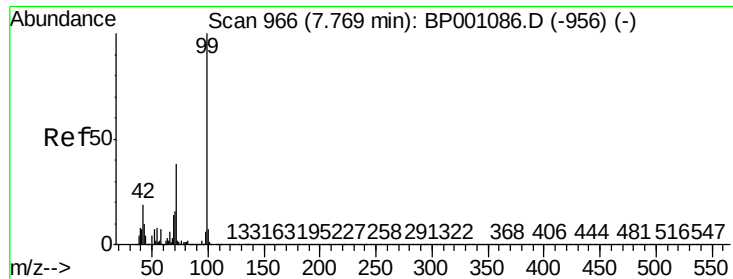


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 124.245 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BP001148.D

Acq: 03 Dec 2019 04:00

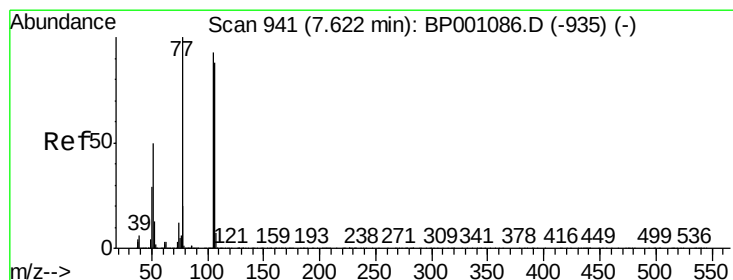
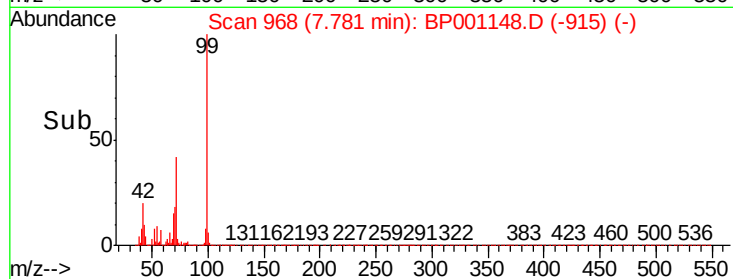
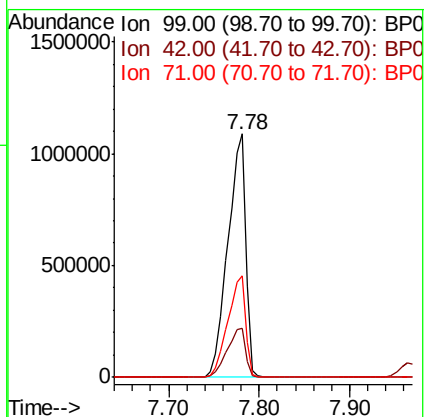
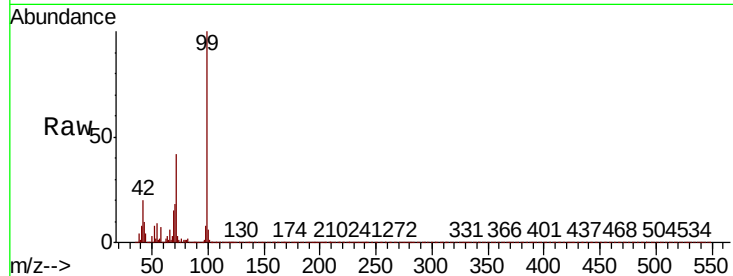
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1495278

Ion	Ratio	Lower	Upper
99	100		
42	20.0	15.4	23.0
71	41.7	30.8	46.2



#9

Benzaldehyde

Concen: Below Cal

RT: 7.67 min Scan# 949

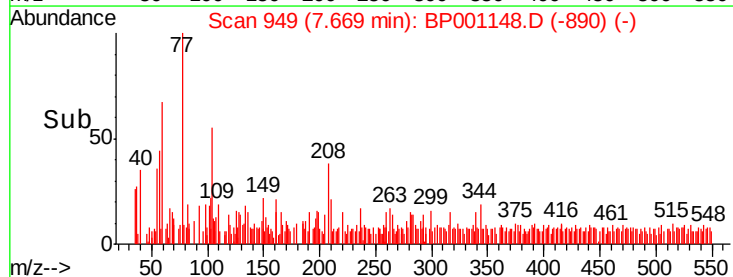
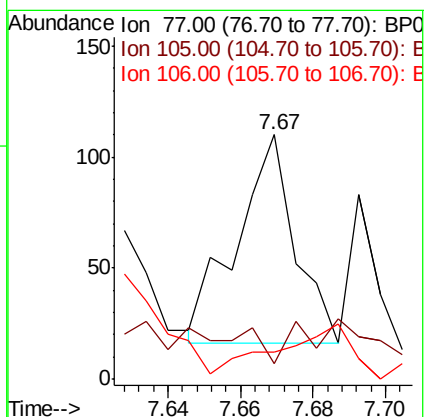
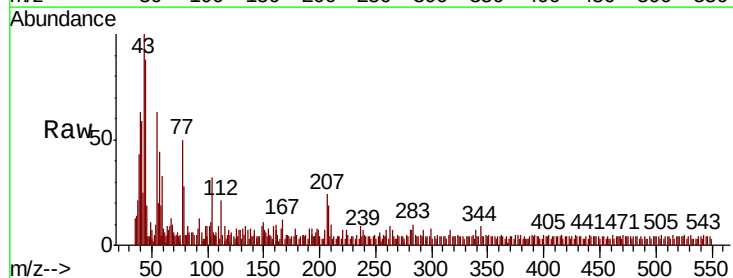
Delta R.T. 0.05 min

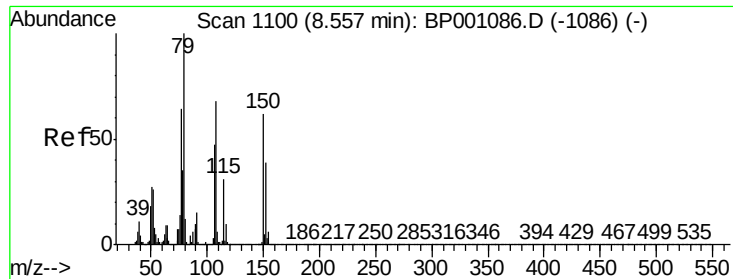
Lab File: BP001148.D

Acq: 03 Dec 2019 04:00

Tgt Ion: 77 Resp: 104

Ion	Ratio	Lower	Upper
77	100		
105	5.6	72.5	112.5#
106	21.0	67.6	107.6#

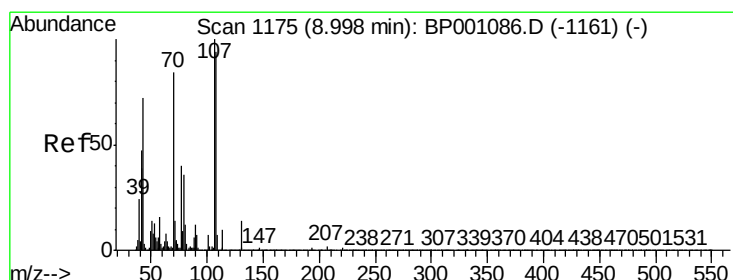
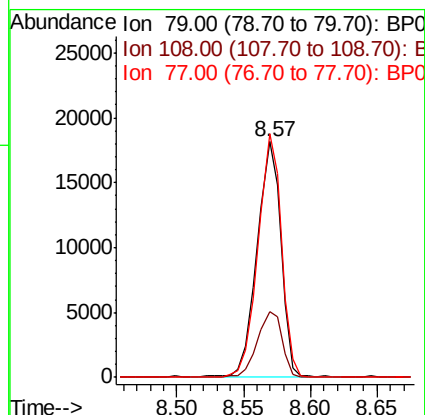
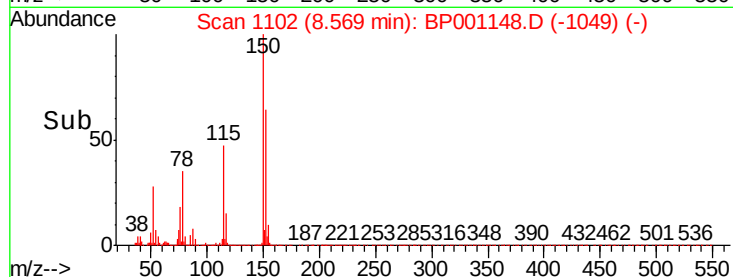
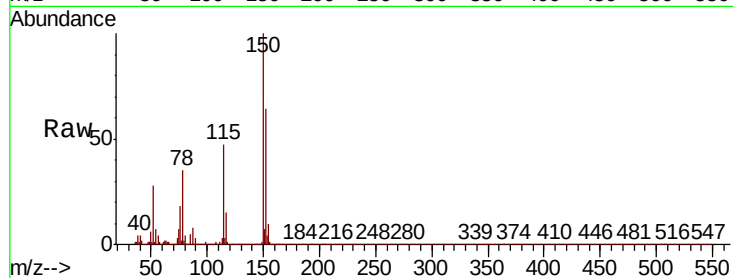




#15
Benzyl Alcohol
Concen: 2.255 ng
RT: 8.57 min Scan# 1102
Delta R.T. 0.01 min
Lab File: BP001148.D
Acq: 03 Dec 2019 04:00

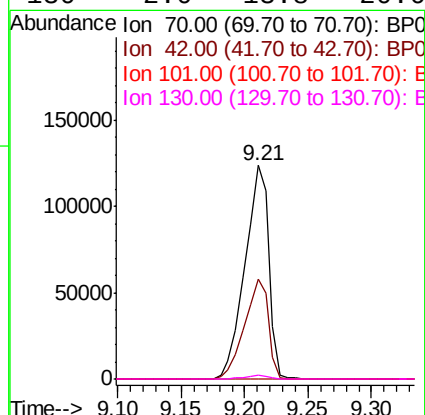
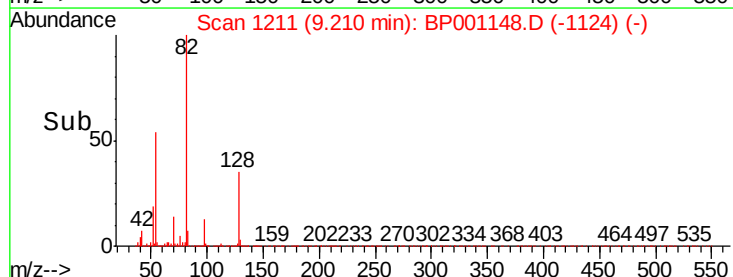
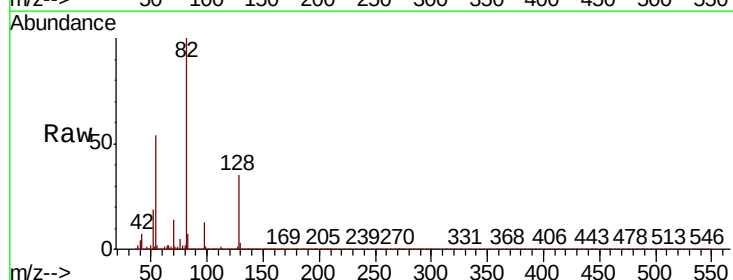
Instrument :
BNA_P
ClientSampled :

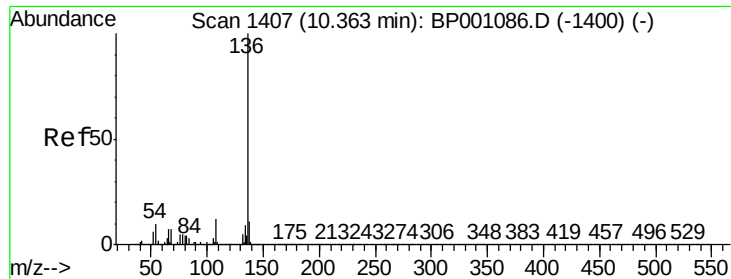
Tot Ion: 79 Resp: 22274
Ion Ratio Lower Upper
79 100
108 27.8 54.8 82.2#
77 103.3 51.4 77.2#



#19
n-Nitroso-di-n-propylamine
Concen: 18.590 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.21 min
Lab File: BP001148.D
Acq: 03 Dec 2019 04:00

Tgt Ion: 70 Resp: 161439
Ion Ratio Lower Upper
70 100
42 46.7 44.6 66.8
101 0.0 7.1 10.7#
130 2.0 13.8 20.6#

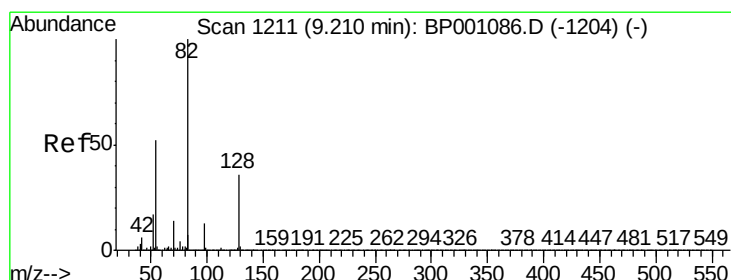
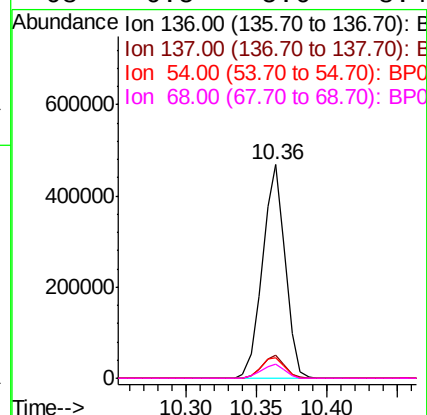
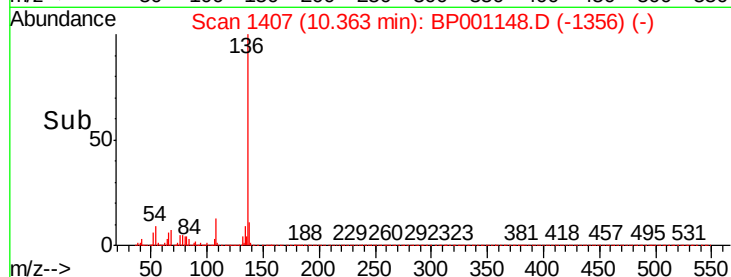
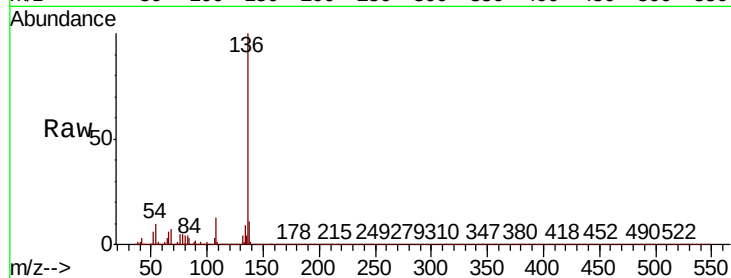




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BP001148.D
Acq: 03 Dec 2019 04:00

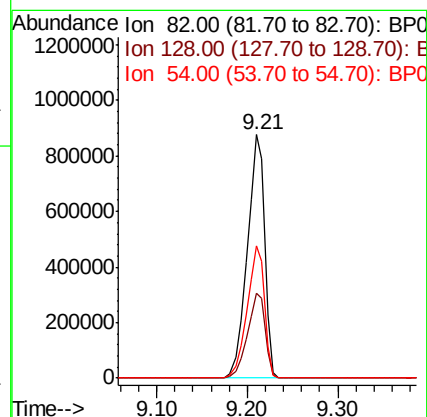
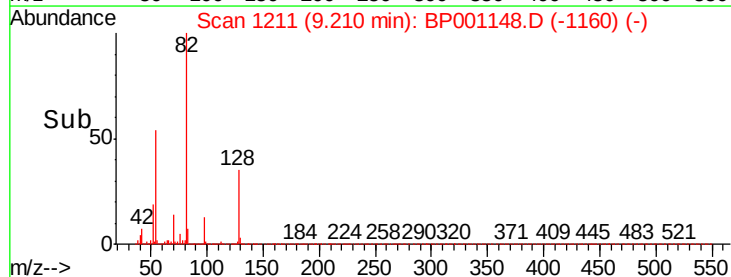
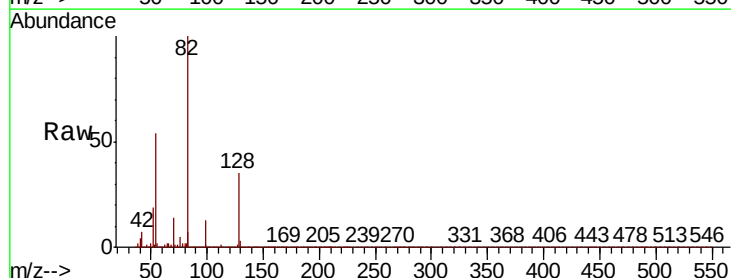
Instrument :
BNA_P
ClientSampleId :

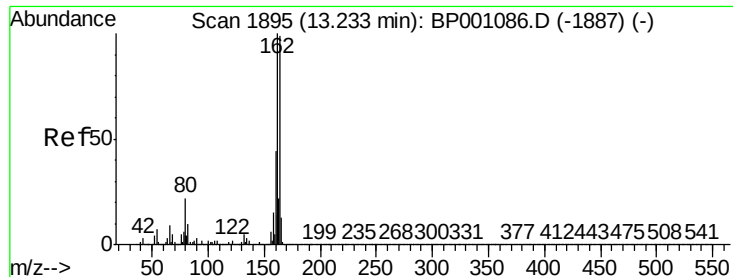
Tot Ion:136	Resp:	534129
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.8 13.2
54	9.5	7.9 11.9
68	6.5	5.6 8.4



#23
Nitrobenzene-d5
Concen: 94.432 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BP001148.D
Acq: 03 Dec 2019 04:00

Tgt	Ion: 82	Resp: 1162567	
Ion	Ratio	Lower	Upper
82	100		
128	35.1	28.9	43.3
54	54.4	41.9	62.9

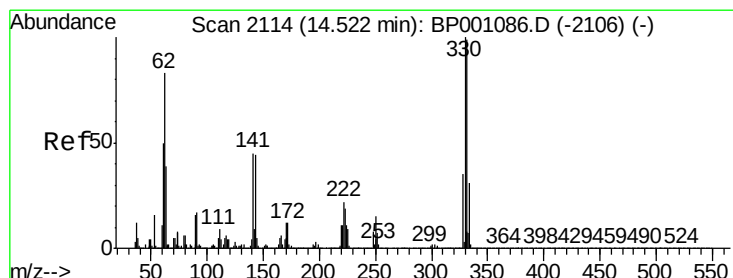
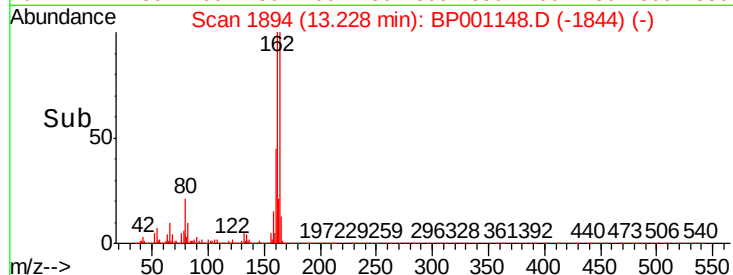
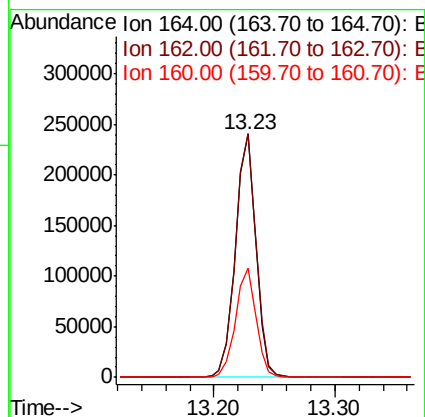
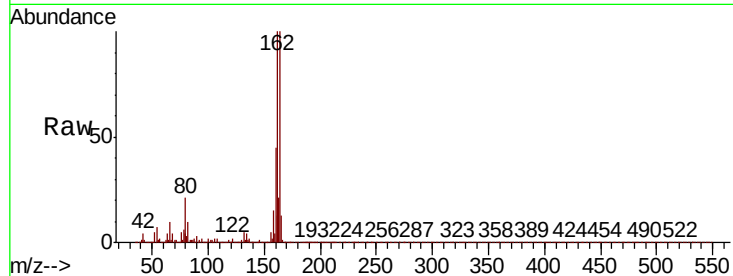




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.23 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BP001148.D
Acq: 03 Dec 2019 04:00

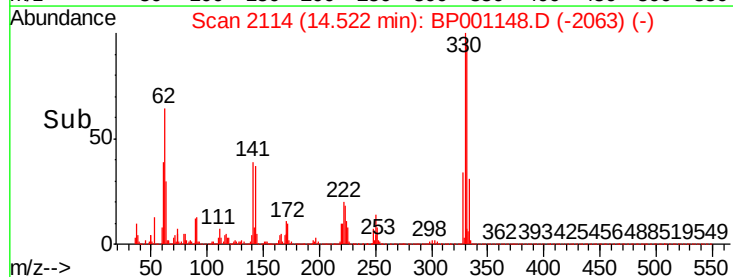
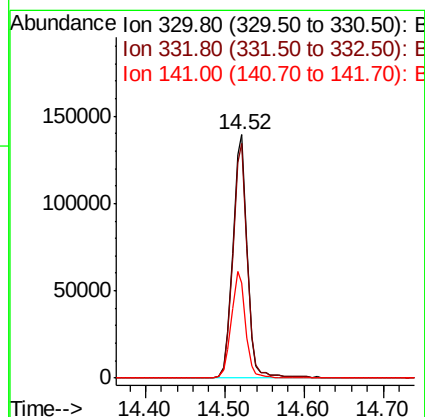
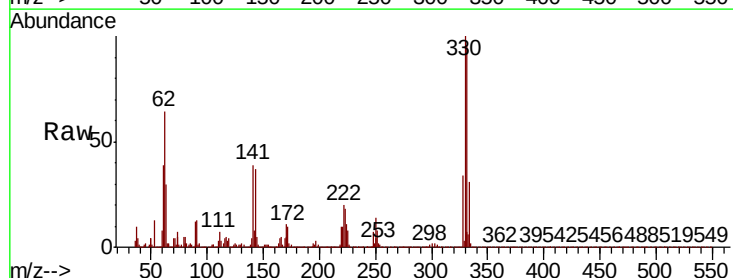
Instrument :
BNA_P
ClientSampleId :

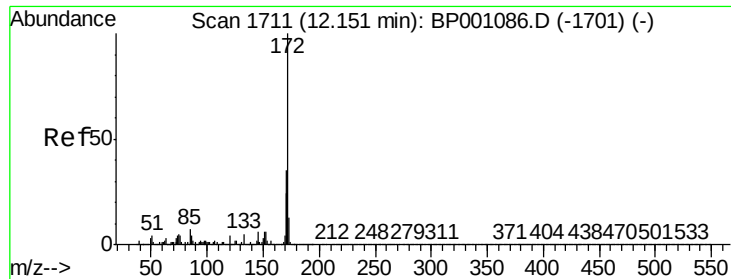
Tot Ion:164 Resp: 285789
Ion Ratio Lower Upper
164 100
162 100.2 80.6 120.8
160 44.9 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 64.235 ng
RT: 14.52 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BP001148.D
Acq: 03 Dec 2019 04:00

Tgt Ion:330 Resp: 175957
Ion Ratio Lower Upper
330 100
332 97.0 77.6 116.4
141 43.2 34.2 51.2

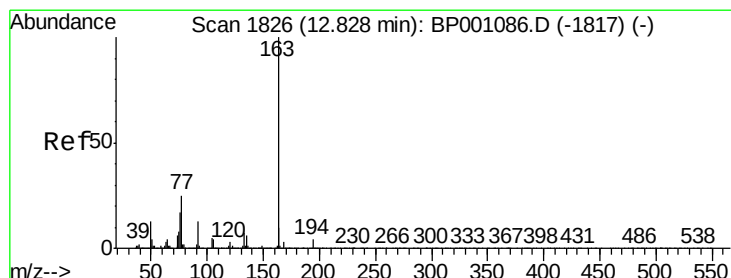
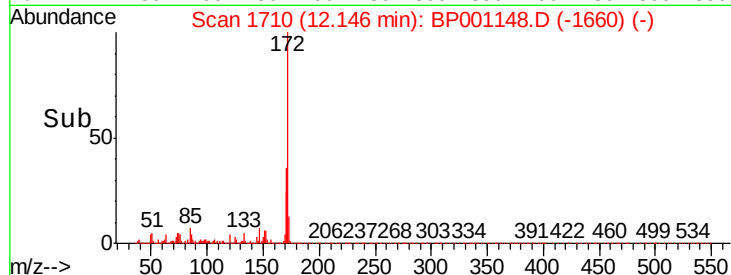
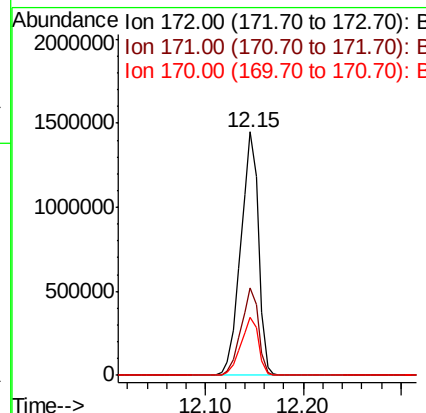
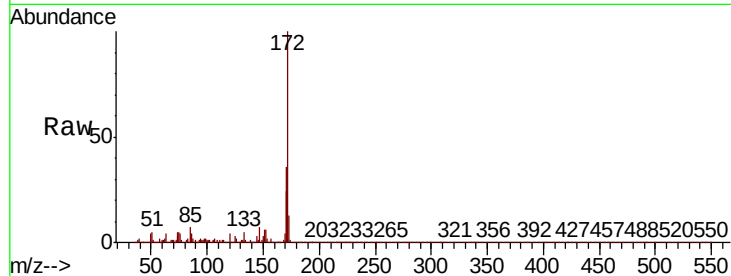




#45
2-Fluorobiphenyl
Concen: 93.466 ng
RT: 12.15 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP001148.D
Acq: 03 Dec 2019 04:00

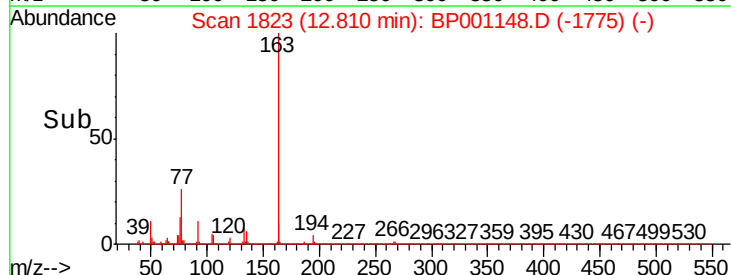
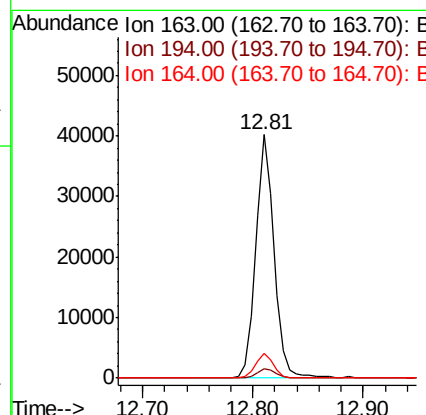
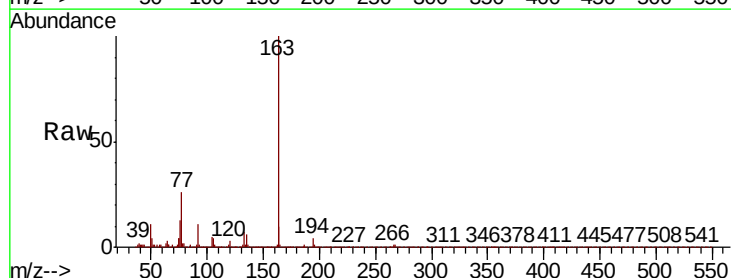
Instrument :
BNA_P
ClientSampleId :

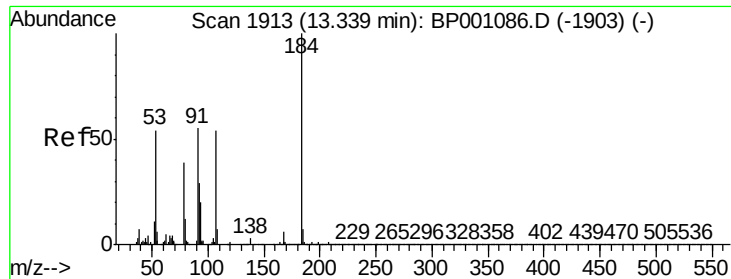
Tot Ion:172 Resp: 1825100
Ion Ratio Lower Upper
172 100
171 35.8 27.9 41.9
170 23.8 19.0 28.4



#50
Dimethylphthalate
Concen: 2.194 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BP001148.D
Acq: 03 Dec 2019 04:00

Tgt Ion:163 Resp: 46886
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.0 8.1 12.1

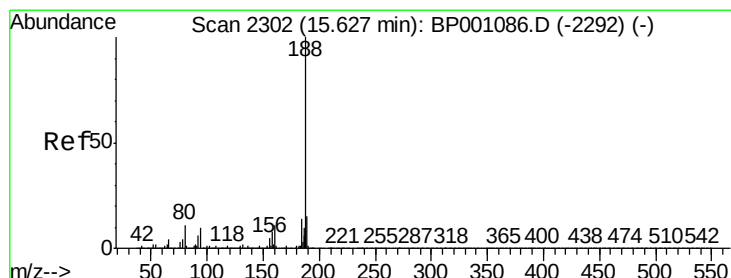
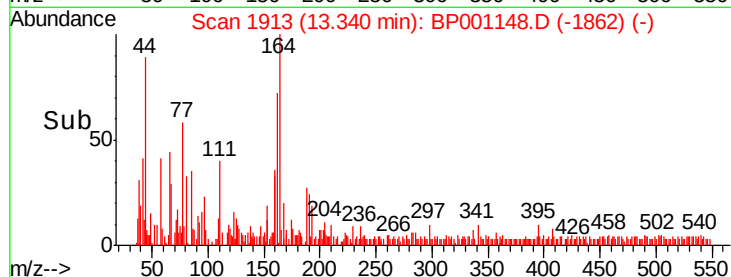
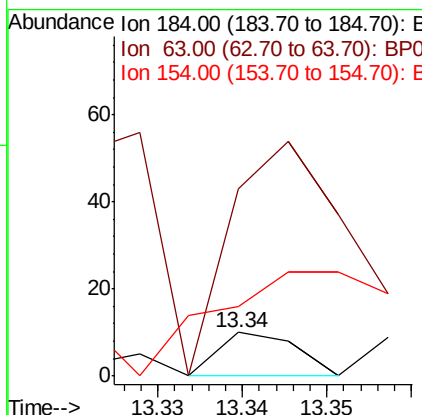
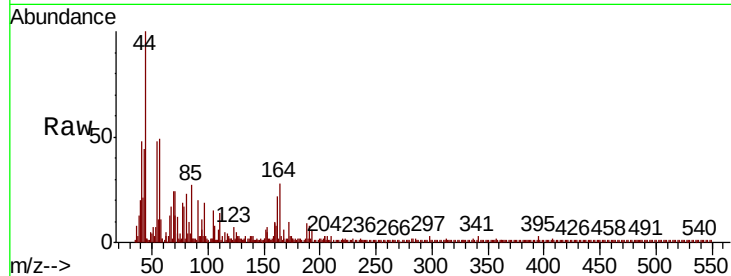




#54
2,4-Dinitrophenol
Concen: 7.112 ng
RT: 13.34 min Scan# 1913
Delta R.T. 0.00 min
Lab File: BP001148.D
Acq: 03 Dec 2019 04:00

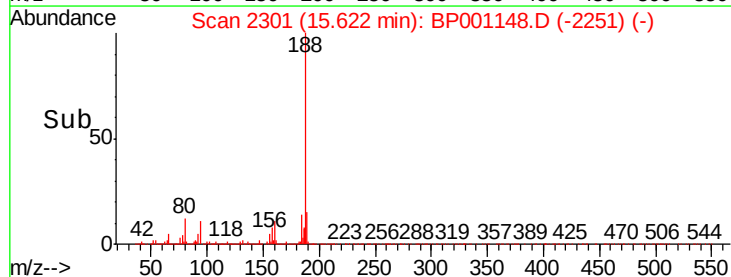
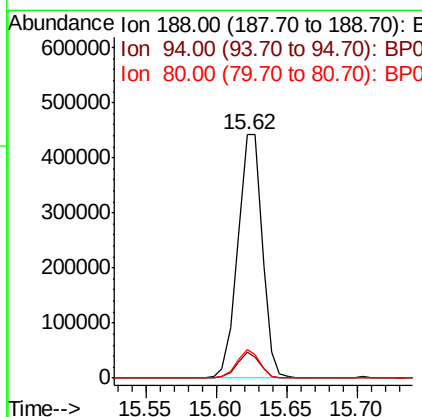
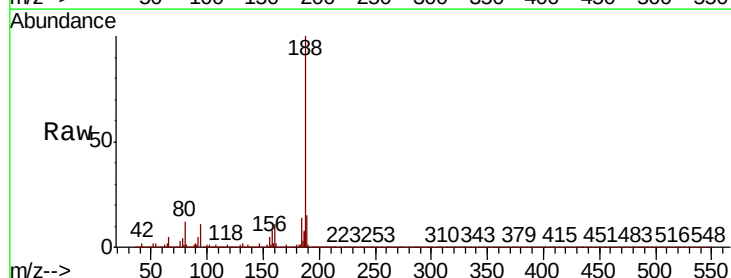
Instrument :
BNA_P
ClientSampleId :

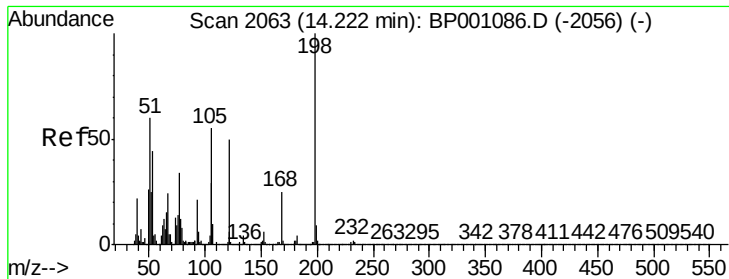
Tot Ion:184 Resp: 6
Ion Ratio Lower Upper
184 100
63 430.0 60.7 91.1#
154 350.0 56.2 84.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BP001148.D
Acq: 03 Dec 2019 04:00

Tgt Ion:188 Resp: 535313
Ion Ratio Lower Upper
188 100
94 10.6 7.9 11.9
80 11.8 8.8 13.2

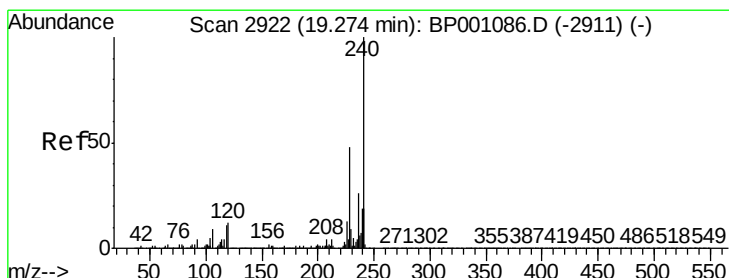
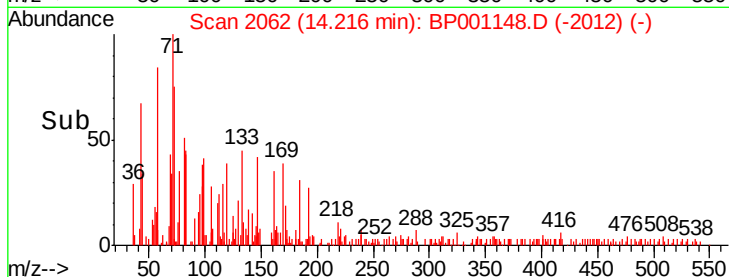
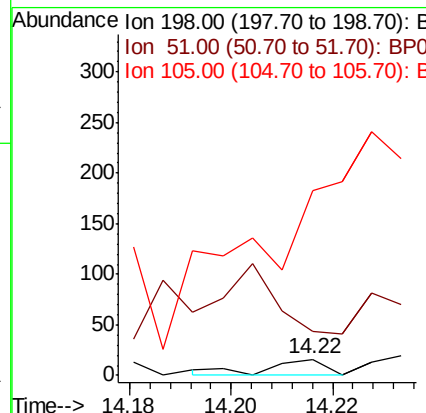
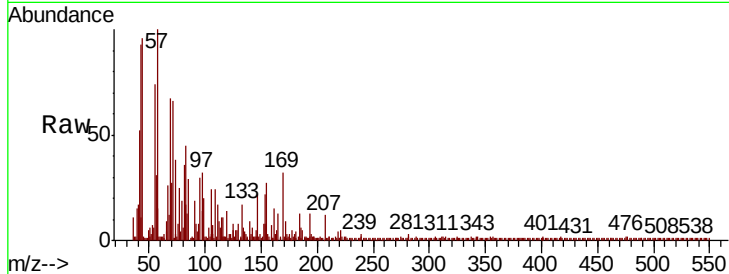




#65
4,6-Dinitro-2-methylphenol
Concen: 6.281 ng
RT: 14.22 min Scan# 2062
Delta R.T. -0.01 min
Lab File: BP001148.D
Acq: 03 Dec 2019 04:00

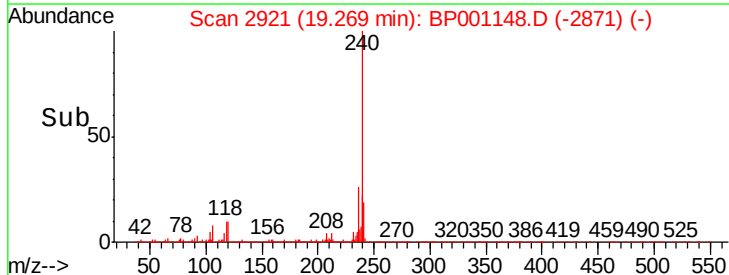
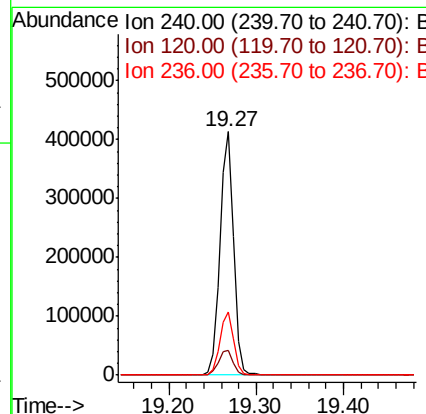
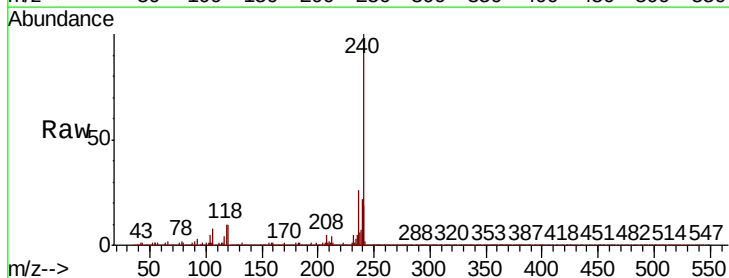
Instrument :
BNA_P
ClientSampleId :

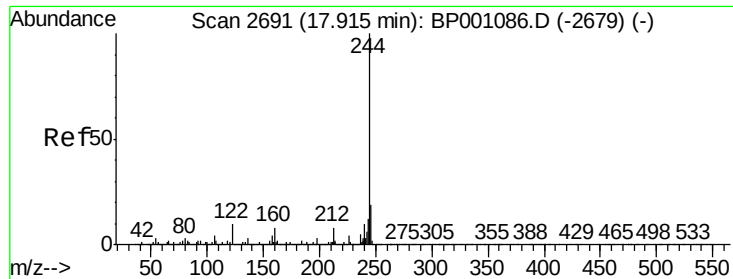
Tot Ion:198 Resp: 12
Ion Ratio Lower Upper
198 100
51 275.0 40.5 80.5#
105 1143.8 35.7 75.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.27 min Scan# 2921
Delta R.T. -0.01 min
Lab File: BP001148.D
Acq: 03 Dec 2019 04:00

Tgt Ion:240 Resp: 444594
Ion Ratio Lower Upper
240 100
120 10.2 9.5 14.3
236 26.0 20.4 30.6





#79

Terphenyl-d14

Concen: 86.101 ng

RT: 17.92 min Scan# 2691

Delta R.T. 0.00 min

Lab File: BP001148.D

Acq: 03 Dec 2019 04:00

Instrument :

BNA_P

ClientSampled :

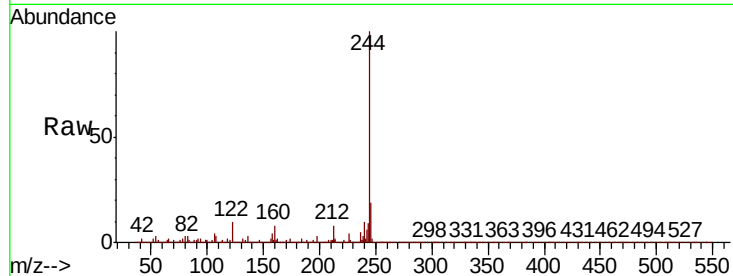
Tot Ion:244 Resp: 2069084

Ion Ratio Lower Upper

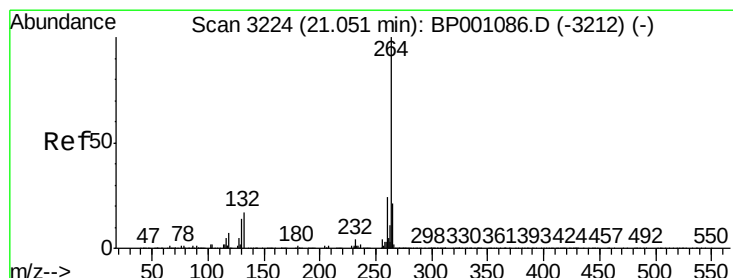
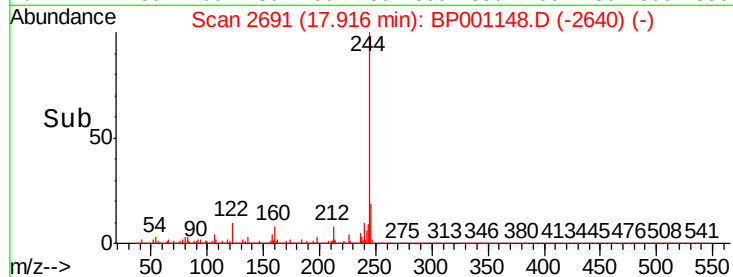
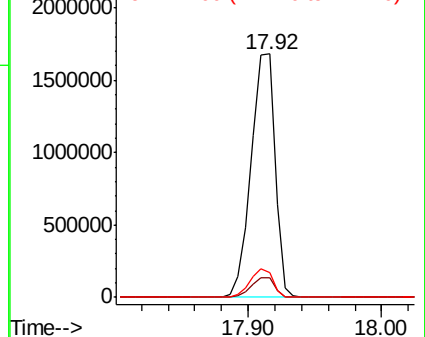
244 100

212 7.9 6.2 9.2

122 10.2 8.2 12.2



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 21.05 min Scan# 3223

Delta R.T. -0.01 min

Lab File: BP001148.D

Acq: 03 Dec 2019 04:00

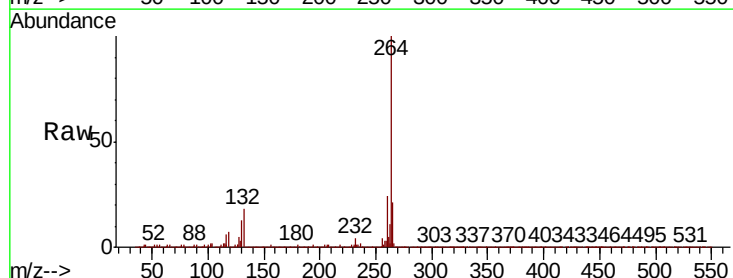
Tgt Ion:264 Resp: 487643

Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

265 21.4 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

