

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
 Data File : BP001188.D
 Acq On : 04 Dec 2019 09:07
 Operator : JU
 Sample : K6014-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 04 10:08:13 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

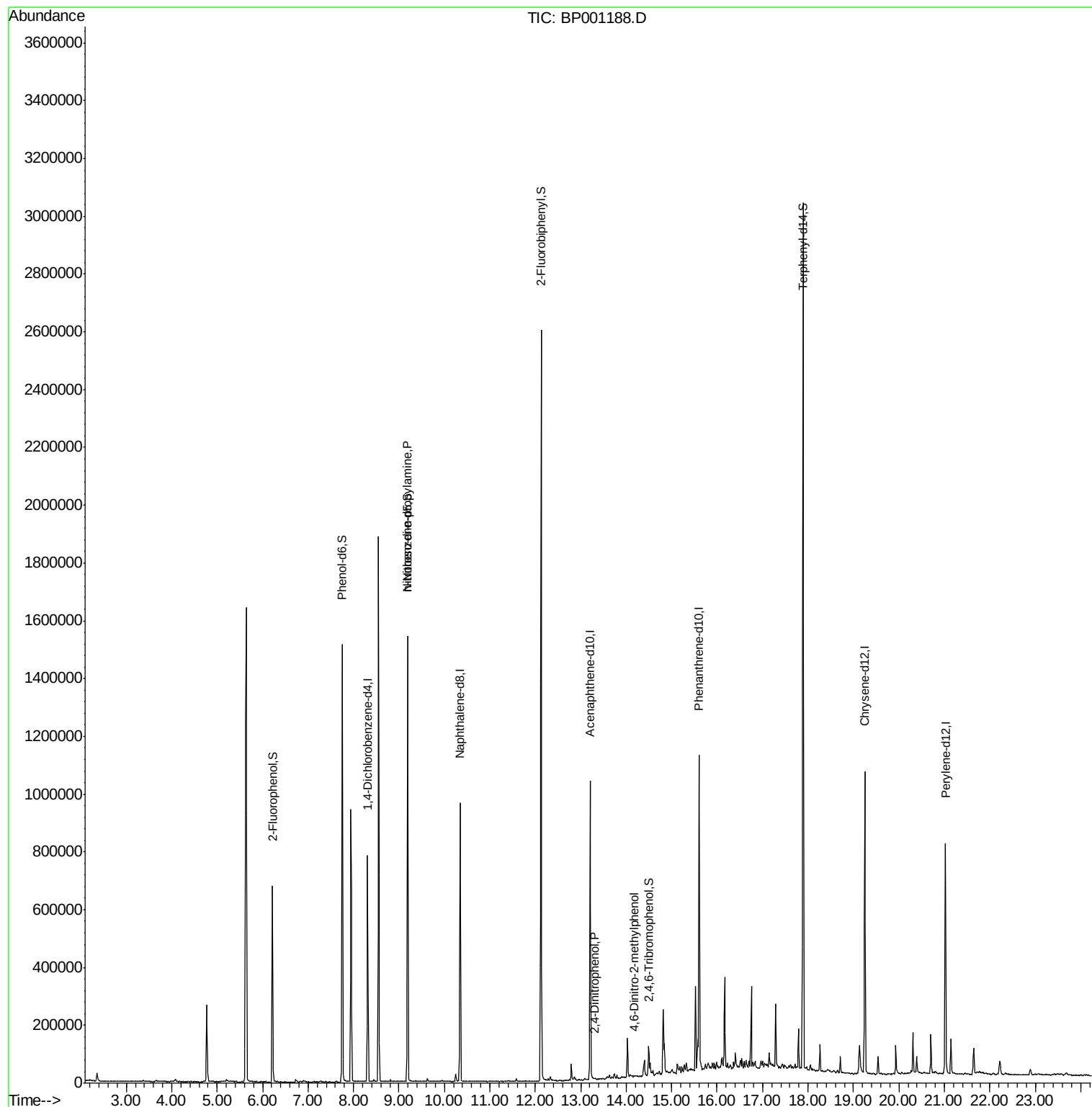
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	136256	20.00	ng	-0.02
21) Naphthalene-d8	10.35	136	492020	20.00	ng	-0.02
39) Acenaphthene-d10	13.21	164	269995	20.00	ng	-0.02
64) Phenanthrene-d10	15.60	188	496904	20.00	ng	-0.02
76) Chrysene-d12	19.25	240	394343	20.00	ng	-0.02
87) Perylene-d12	21.03	264	420449	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	206077	25.09	ng	-0.01
7) Phenol-d6	7.75	99	586234	53.58	ng	-0.02
23) Nitrobenzene-d5	9.19	82	625711	55.17	ng	-0.02
42) 2,4,6-Tribromophenol	14.50	330	14287	5.52	ng	-0.02
45) 2-Fluorobiphenyl	12.13	172	1028623	55.76	ng	-0.02
79) Terphenyl-d14	17.89	244	1137783	53.38	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.61	77	58	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	9.19	70	88393	11.196 ng	#	84
54) 2,4-Dinitrophenol	13.32	184	11	7.115 ng	#	1
65) 4,6-Dinitro-2-methylphenol	14.18	198	27	6.287 ng	#	1

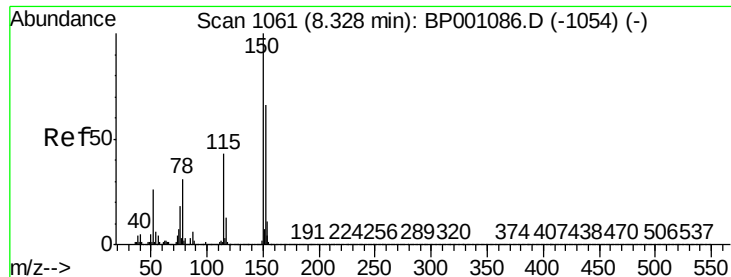
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 27 17:38:46 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.31 min Scan# 1058

Delta R.T. -0.02 min

Lab File: BP001188.D

Acq: 04 Dec 2019 09:07

Instrument :

BNA_P

ClientSampled :

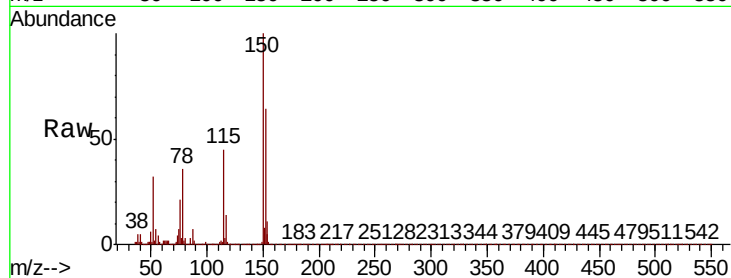
Tot Ion:152 Resp: 136256

Ion Ratio Lower Upper

152 100

150 156.9 120.6 181.0

115 70.1 51.6 77.4

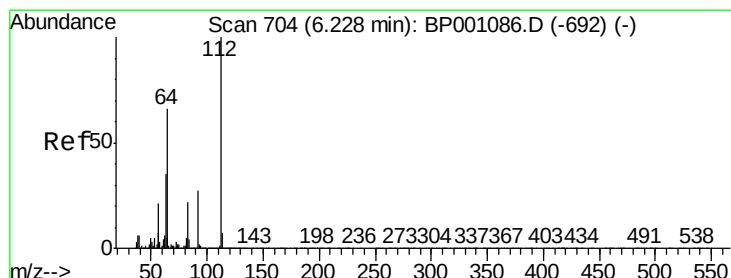
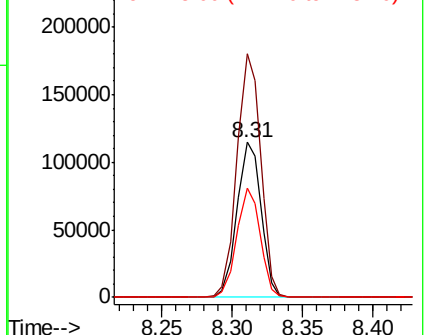
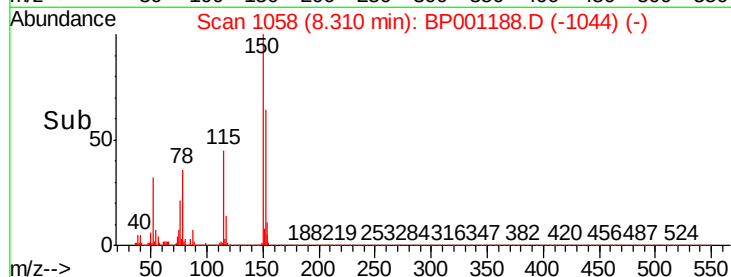


Abundance

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: 25.092 ng

RT: 6.22 min Scan# 702

Delta R.T. -0.01 min

Lab File: BP001188.D

Acq: 04 Dec 2019 09:07

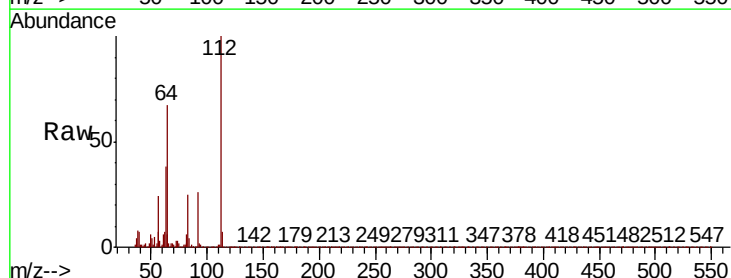
Tgt Ion:112 Resp: 206077

Ion Ratio Lower Upper

112 100

64 67.3 52.8 79.2

63 38.2 28.2 42.2

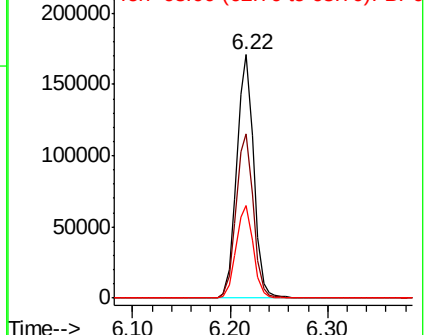
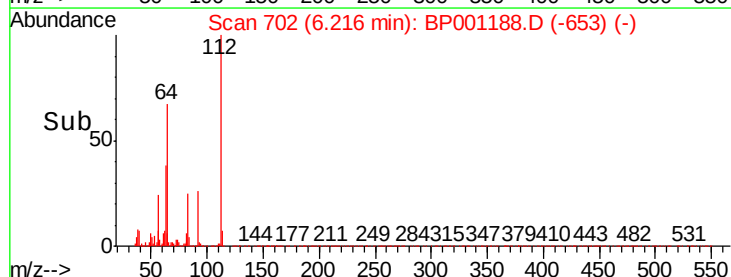


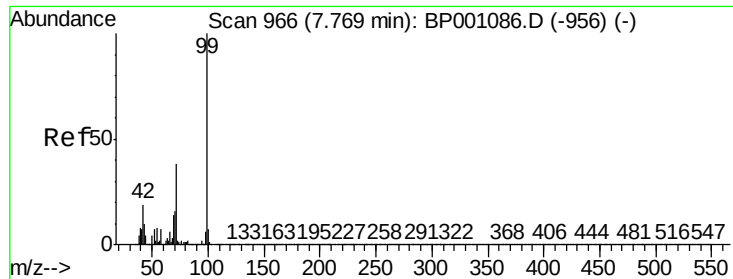
Abundance

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: 53.579 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.02 min

Lab File: BP001188.D

Acq: 04 Dec 2019 09:07

Instrument :

BNA_P

ClientSampleId :

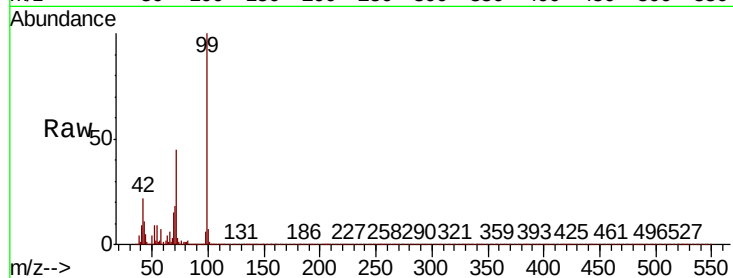
Tot Ion: 99 Resp: 586234

Ion Ratio Lower Upper

99 100

42 22.2 15.4 23.0

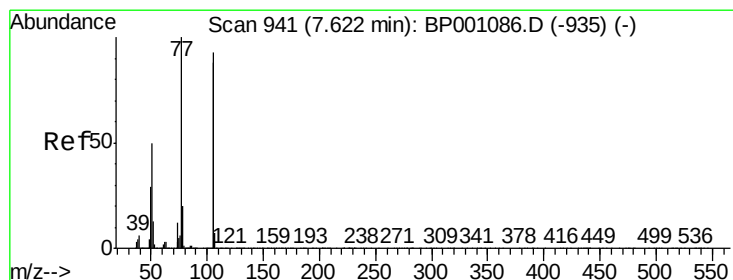
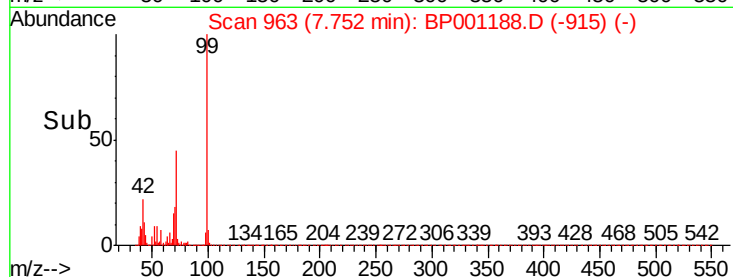
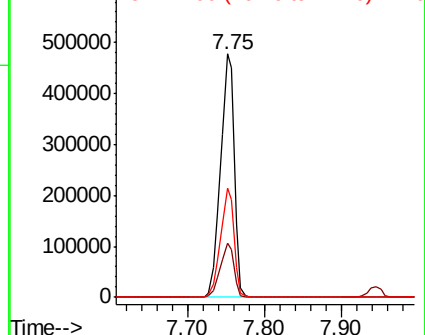
71 44.7 30.8 46.2



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



#9

Benzaldehyde

Concen: Below Cal

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BP001188.D

Acq: 04 Dec 2019 09:07

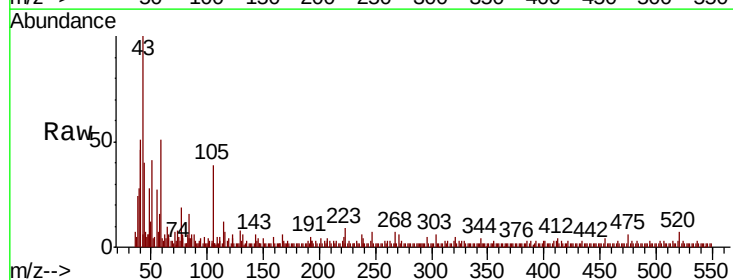
Tgt Ion: 77 Resp: 58

Ion Ratio Lower Upper

77 100

105 206.6 72.5 112.5#

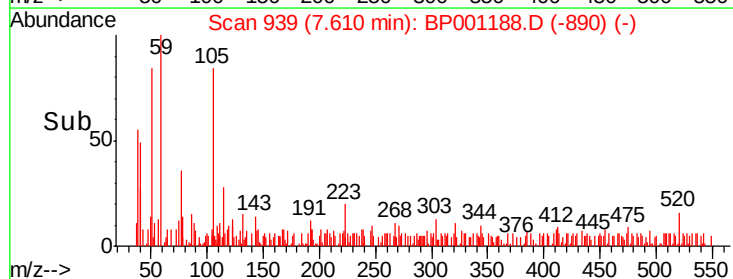
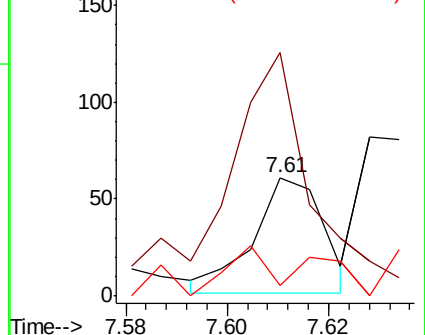
106 8.2 67.6 107.6#

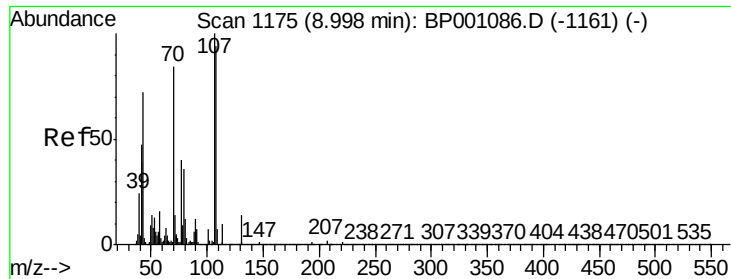


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

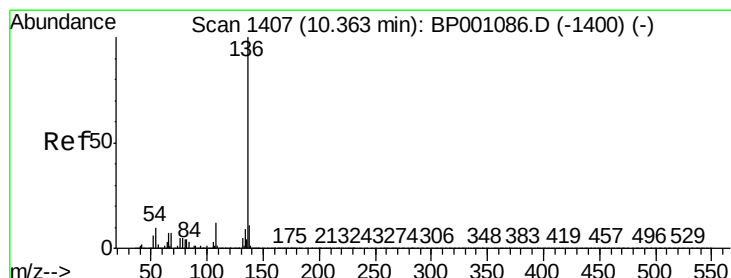
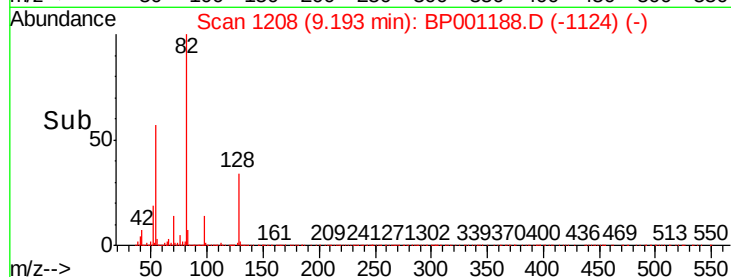
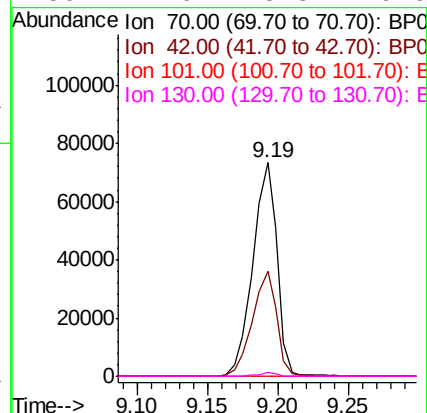
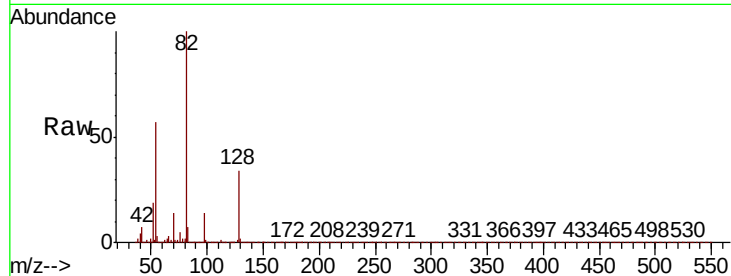




#19
n-Nitroso-di-n-propylamine
Concen: 11.196 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.19 min
Lab File: BP001188.D
Acq: 04 Dec 2019 09:07

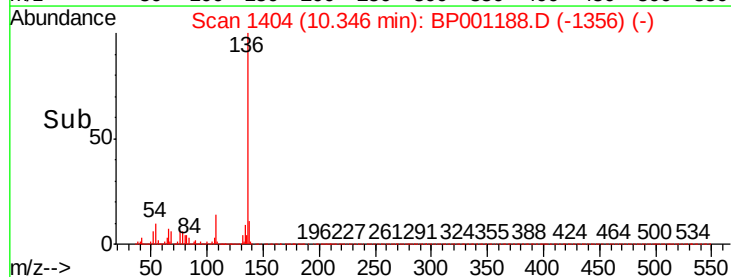
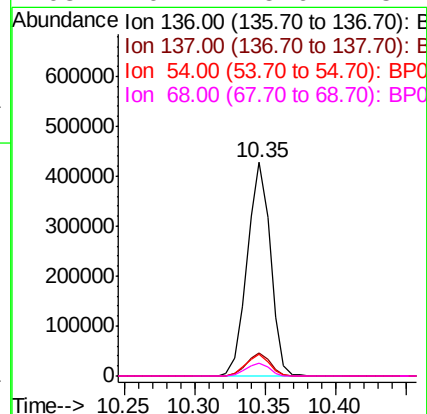
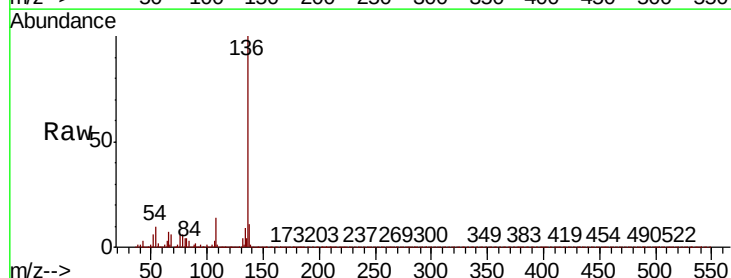
Instrument :
BNA_P
ClientSampled :

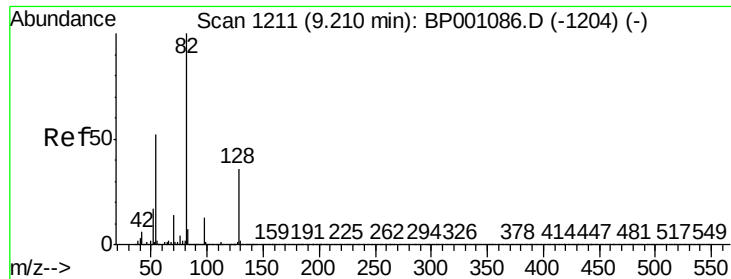
Tot Ion:	70	Resp:	88393
Ion	Ratio	Lower	Upper
70	100		
42	49.2	44.6	66.8
101	0.0	7.1	10.7#
130	1.6	13.8	20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BP001188.D
Acq: 04 Dec 2019 09:07

Tgt Ion:	136	Resp:	492020
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.9	7.9	11.9
68	6.1	5.6	8.4

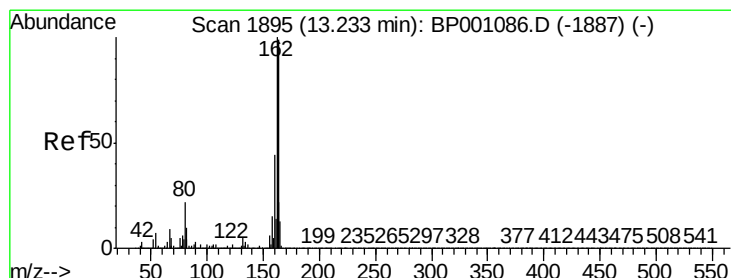
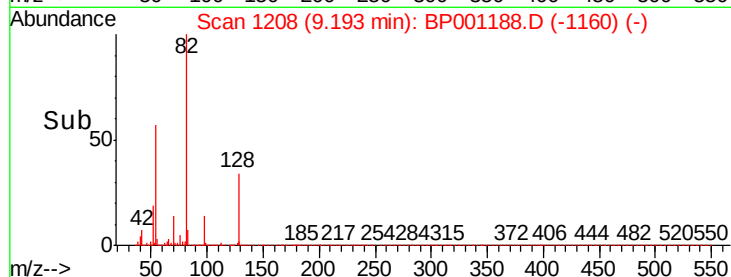
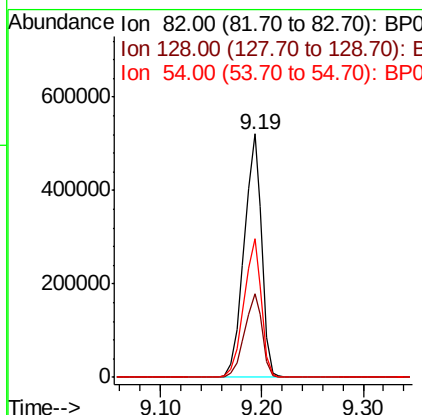
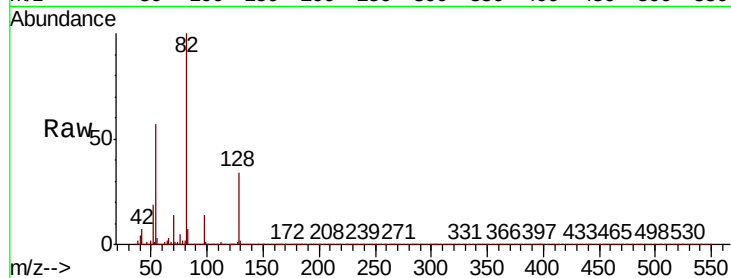




#23
 Nitrobenzene-d5
 Concen: 55.175 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.02 min
 Lab File: BP001188.D
 Acq: 04 Dec 2019 09:07

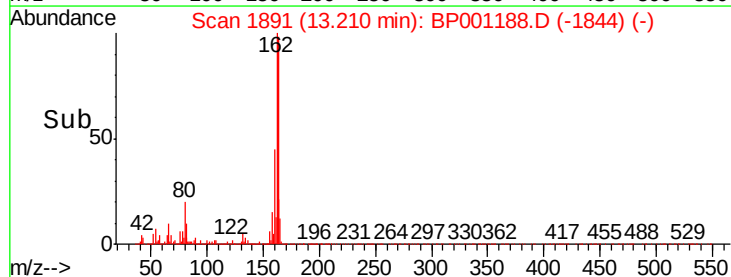
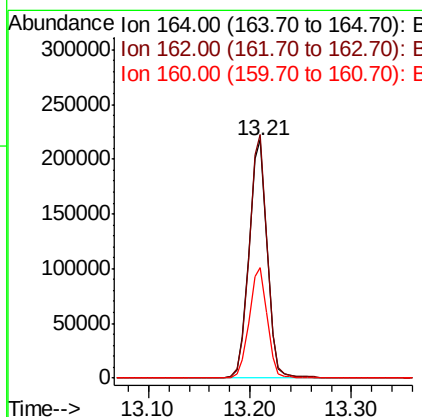
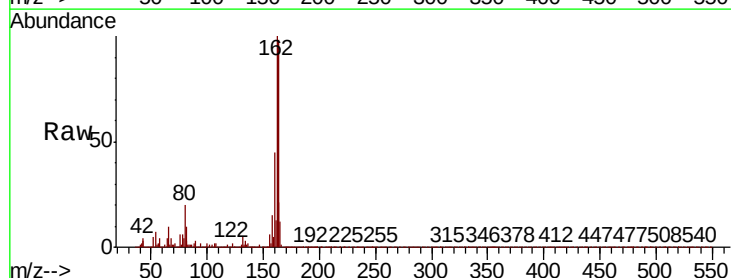
Instrument :
 BNA_P
 ClientSampleId :

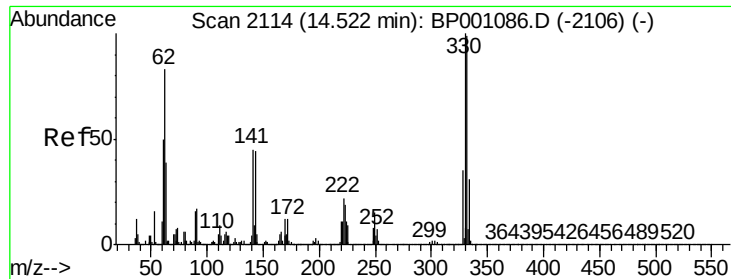
Tot Ion	82	Resp	625711
Ion Ratio	Lower	Upper	
82	100		
128	34.1	28.9	43.3
54	57.0	41.9	62.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.21 min Scan# 1891
 Delta R.T. -0.02 min
 Lab File: BP001188.D
 Acq: 04 Dec 2019 09:07

Tgt Ion	164	Resp	269995
Ion Ratio	Lower	Upper	
164	100		
162	102.1	80.6	120.8
160	46.4	35.4	53.2

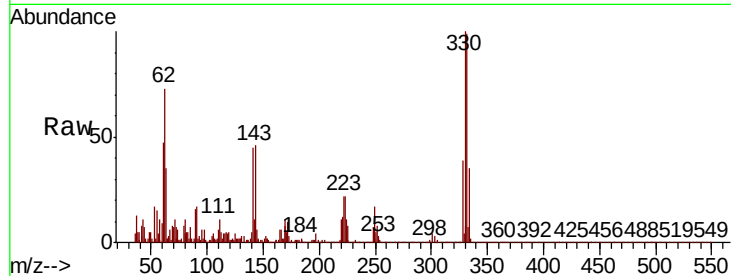




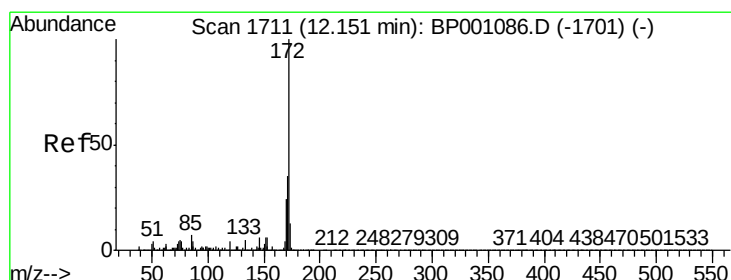
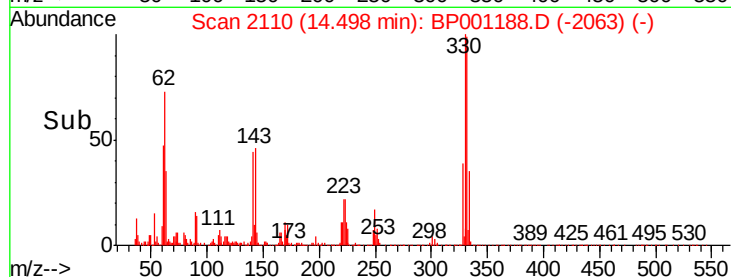
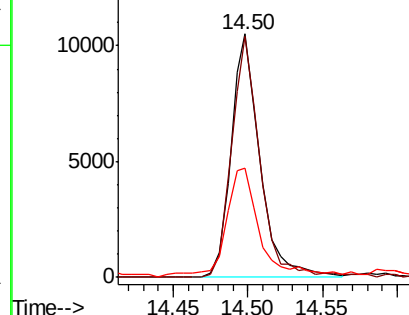
#42
2,4,6-Tribromophenol
Concen: 5.521 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.02 min
Lab File: BP001188.D
Acq: 04 Dec 2019 09:07

Instrument :
BNA_P
ClientSampleId :

Tot Ion:330 Resp: 14287
Ion Ratio Lower Upper
330 100
332 98.0 77.6 116.4
141 52.3 34.2 51.2#

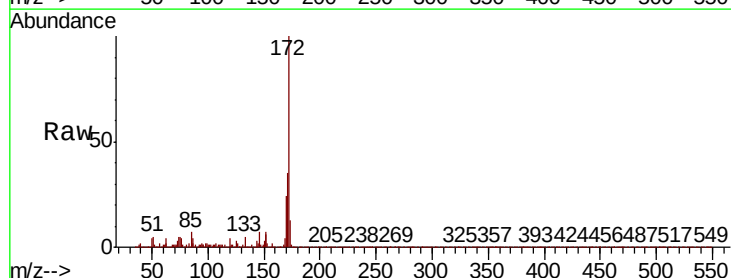


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

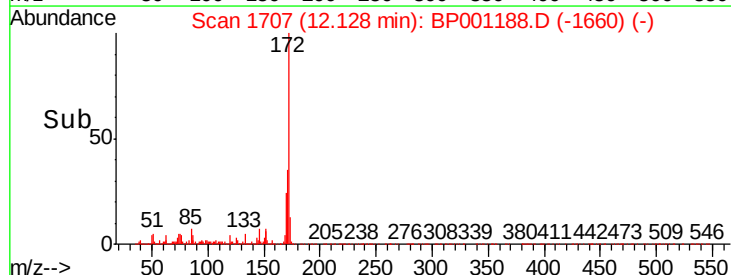
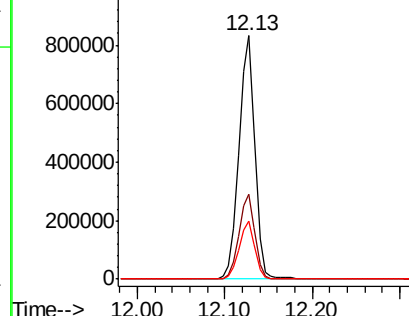


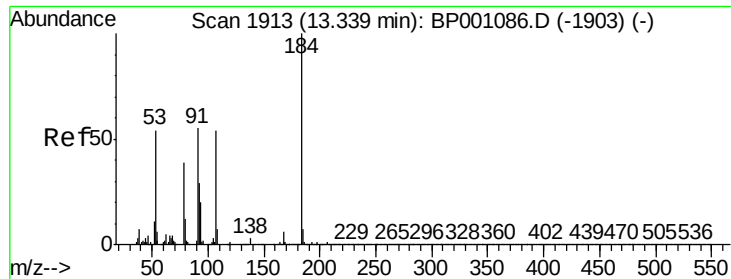
#45
2-Fluorobiphenyl
Concen: 55.759 ng
RT: 12.13 min Scan# 1707
Delta R.T. -0.02 min
Lab File: BP001188.D
Acq: 04 Dec 2019 09:07

Tgt Ion:172 Resp: 1028623
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.6 19.0 28.4



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

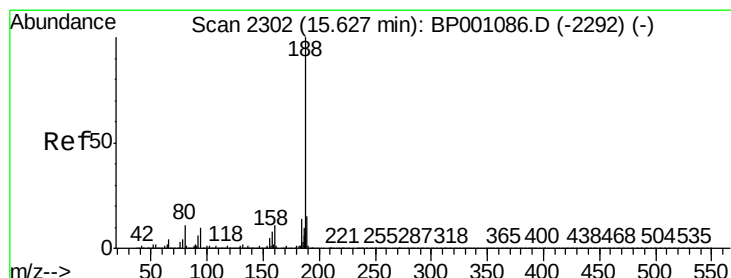
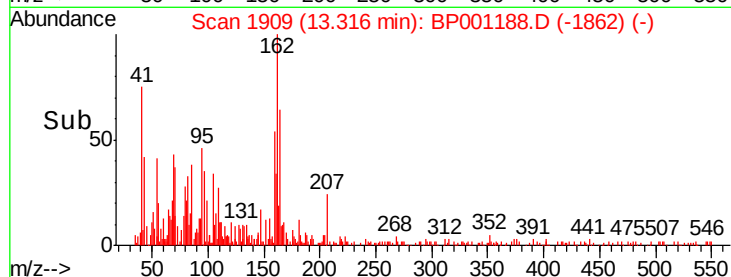
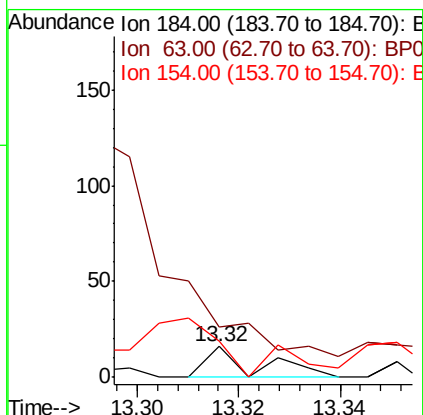
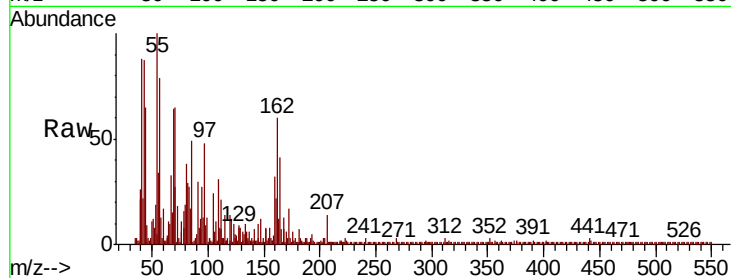




#54
2,4-Dinitrophenol
Concen: 7.115 ng
RT: 13.32 min Scan# 1909
Delta R.T. -0.02 min
Lab File: BP001188.D
Acq: 04 Dec 2019 09:07

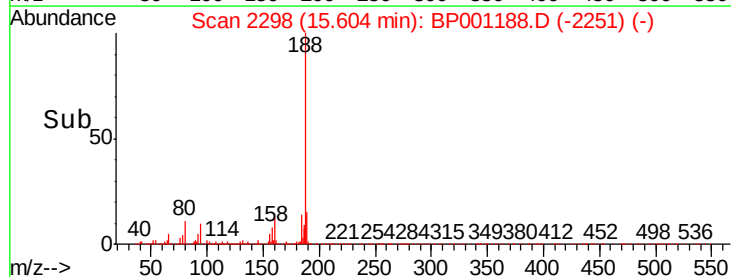
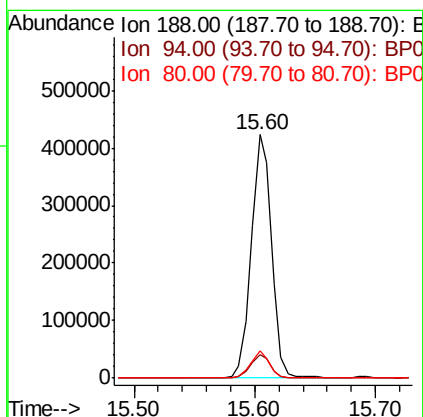
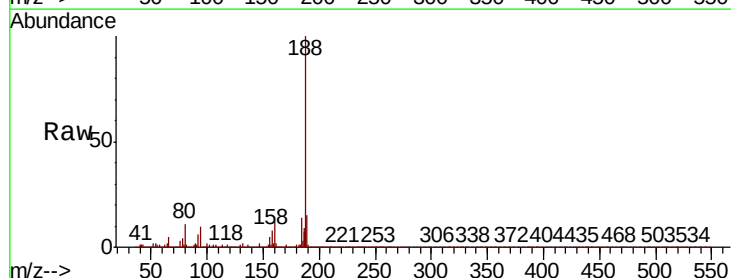
Instrument :
BNA_P
ClientSampleId :

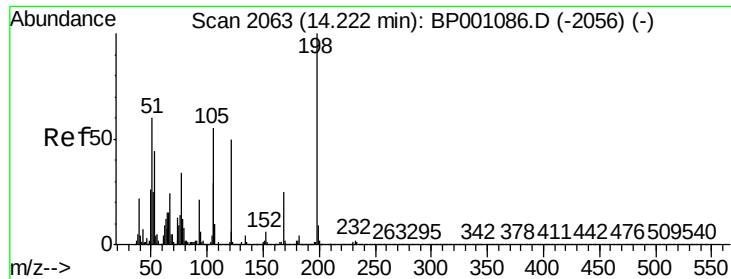
Tot Ion:184 Resp: 11
Ion Ratio Lower Upper
184 100
63 293.8 60.7 91.1#
154 118.8 56.2 84.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BP001188.D
Acq: 04 Dec 2019 09:07

Tgt Ion:188 Resp: 496904
Ion Ratio Lower Upper
188 100
94 9.8 7.9 11.9
80 11.1 8.8 13.2

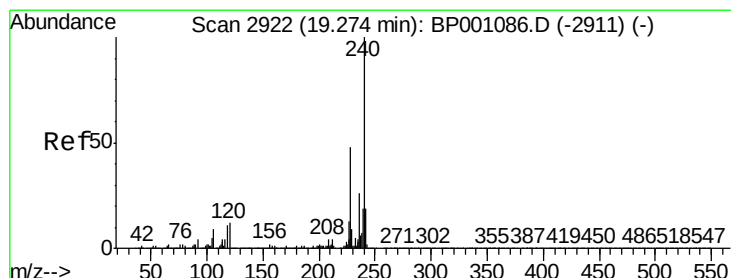
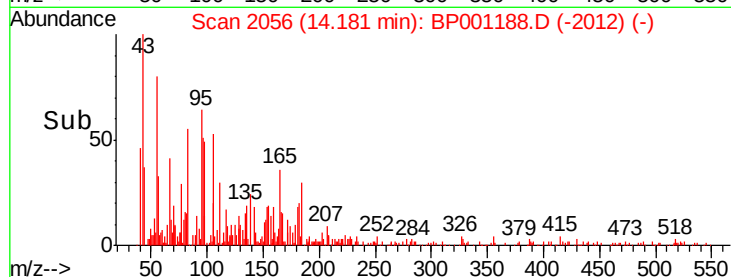
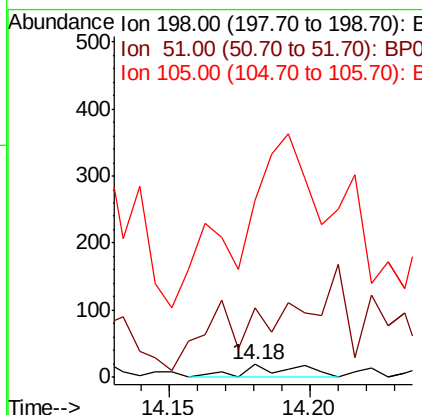
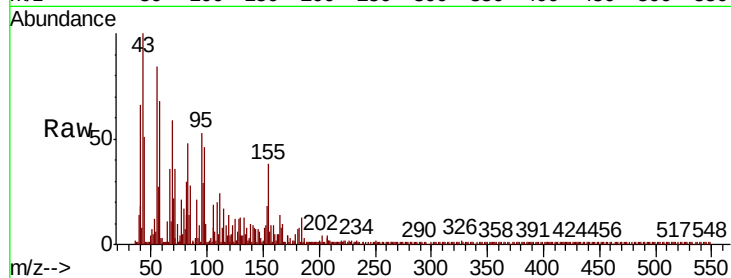




#65
4,6-Dinitro-2-methylphenol
Concen: 6.287 ng
RT: 14.18 min Scan# 2056
Delta R.T. -0.04 min
Lab File: BP001188.D
Acq: 04 Dec 2019 09:07

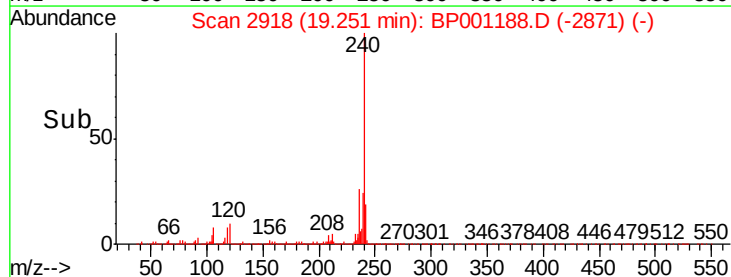
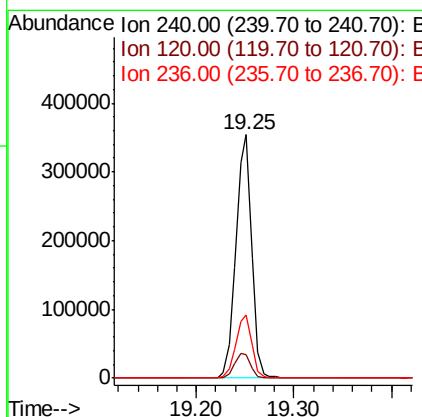
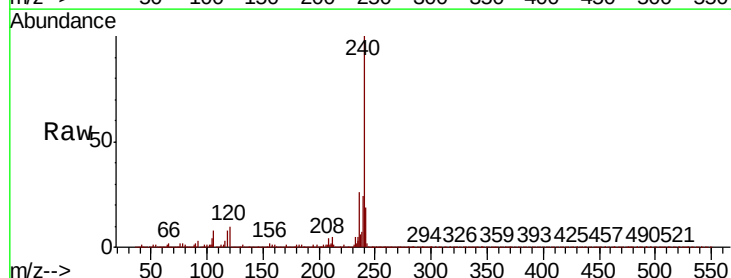
Instrument :
BNA_P
ClientSampled :

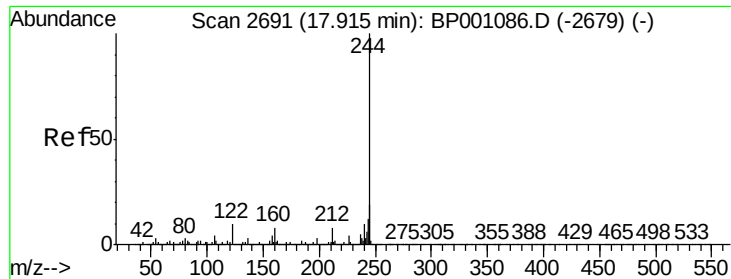
Tot Ion:198 Resp: 27
Ion Ratio Lower Upper
198 100
51 542.1 40.5 80.5#
105 1389.5 35.7 75.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.25 min Scan# 2918
Delta R.T. -0.02 min
Lab File: BP001188.D
Acq: 04 Dec 2019 09:07

Tgt Ion:240 Resp: 394343
Ion Ratio Lower Upper
240 100
120 9.6 9.5 14.3
236 25.8 20.4 30.6



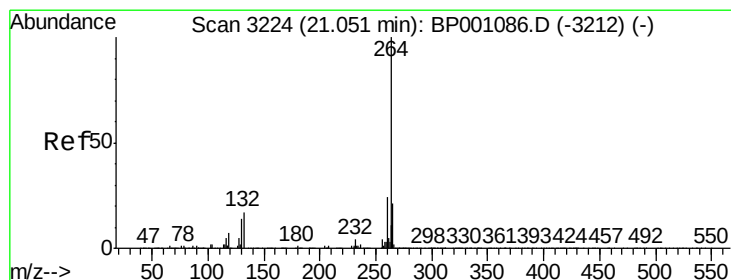
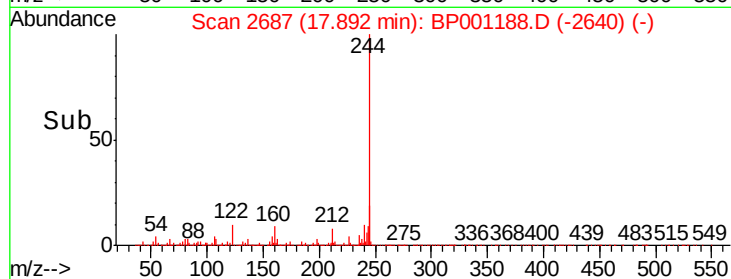
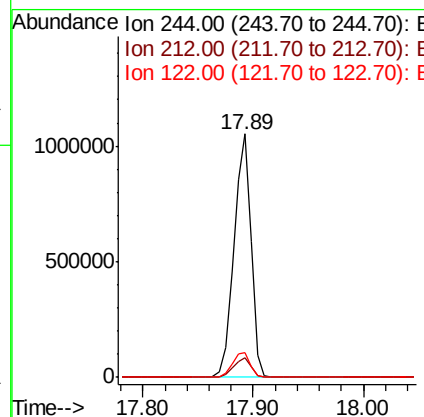
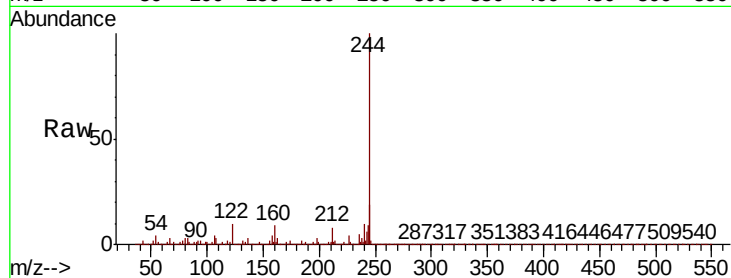


#79
 Terphenyl-d14
 Concen: 53.380 ng
 RT: 17.89 min Scan# 2687
 Delta R.T. -0.02 min
 Lab File: BP001188.D
 Acq: 04 Dec 2019 09:07

Instrument :
 BNA_P
 ClientSampled :

Tot Ion:244 Resp: 1137783

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	10.0	8.2	12.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 21.03 min Scan# 3220
 Delta R.T. -0.02 min
 Lab File: BP001188.D
 Acq: 04 Dec 2019 09:07

Tgt Ion:264 Resp: 420449

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.8	28.2
265	21.2	16.9	25.3

