

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
 Data File : BP001190.D
 Acq On : 04 Dec 2019 10:06
 Operator : JU
 Sample : K6014-11
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 04 11:08:13 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

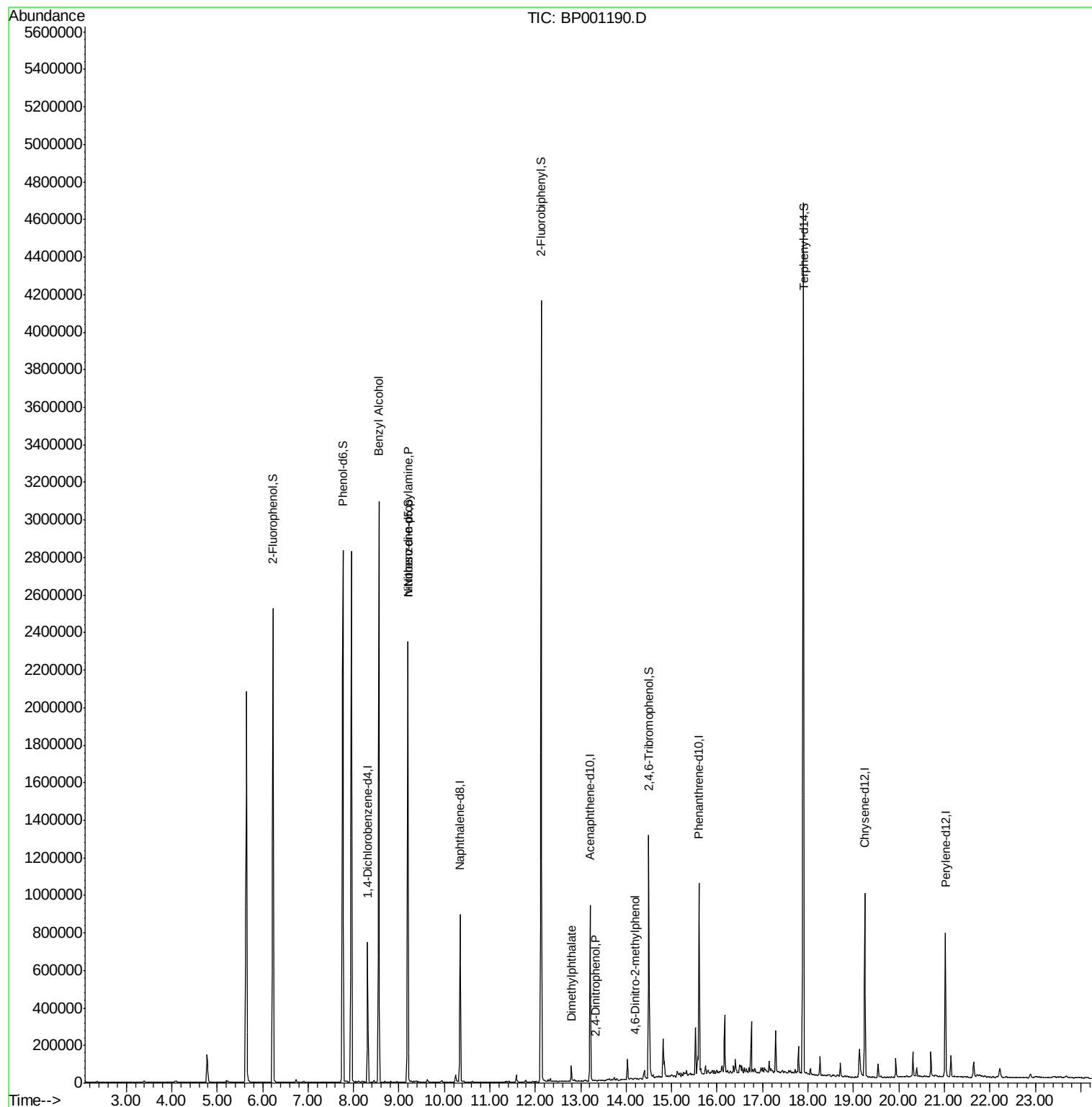
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	125648	20.00	ng	-0.02
21) Naphthalene-d8	10.35	136	455521	20.00	ng	-0.02
39) Acenaphthene-d10	13.21	164	252301	20.00	ng	-0.02
64) Phenanthrene-d10	15.60	188	461886	20.00	ng	-0.02
76) Chrysene-d12	19.25	240	363440	20.00	ng	-0.02
87) Perylene-d12	21.02	264	387822	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	789816	104.29	ng	0.00
7) Phenol-d6	7.77	99	1304650	129.31	ng	0.00
23) Nitrobenzene-d5	9.20	82	1063528	101.30	ng	-0.01
42) 2,4,6-Tribromophenol	14.50	330	173849	71.89	ng	-0.02
45) 2-Fluorobiphenyl	12.13	172	1706011	98.96	ng	-0.02
79) Terphenyl-d14	17.90	244	1915677	97.52	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.76	77	2584	Below Cal		Qvalue # 6
15) Benzyl Alcohol	8.56	79	20796	2.511 ng	#	54
19) n-Nitroso-di-n-propylamine	9.20	70	152600	20.960 ng	#	82
50) Dimethylphthalate	12.79	163	38284	2.029 ng		97
54) 2,4-Dinitrophenol	13.33	184	19	7.120 ng	#	53
65) 4,6-Dinitro-2-methylphenol	14.20	198	18	6.284 ng	#	1

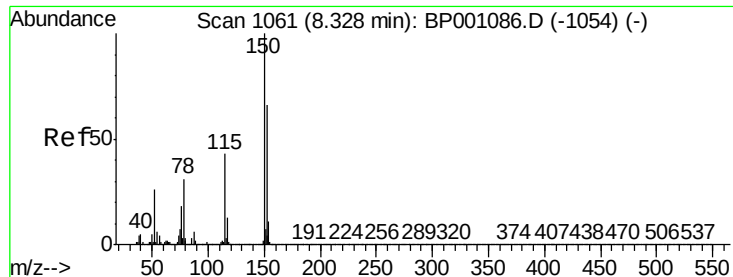
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BP001190.D

Acq: 04 Dec 2019 10:06

Instrument :

BNA_P

ClientSampleId :

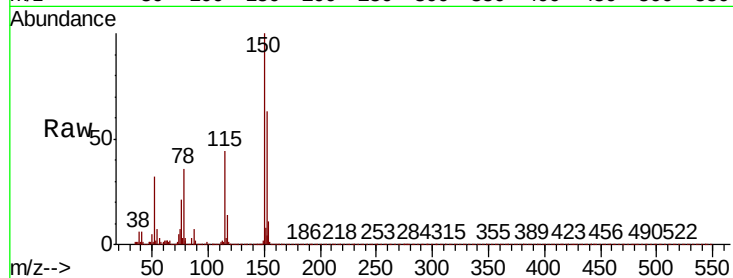
Tot Ion:152 Resp: 125648

Ion Ratio Lower Upper

152 100

150 159.3 120.6 181.0

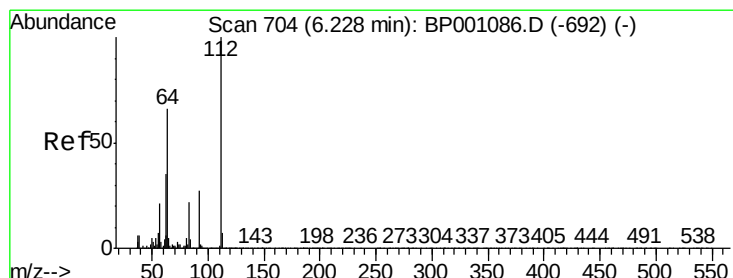
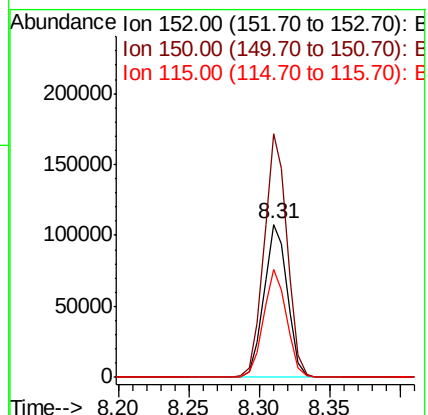
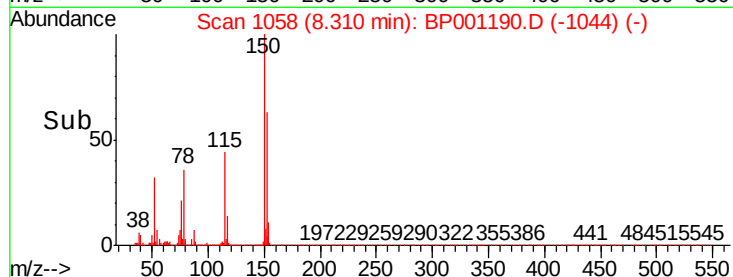
115 70.5 51.6 77.4



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: 104.289 ng

RT: 6.23 min Scan# 704

Delta R.T. 0.00 min

Lab File: BP001190.D

Acq: 04 Dec 2019 10:06

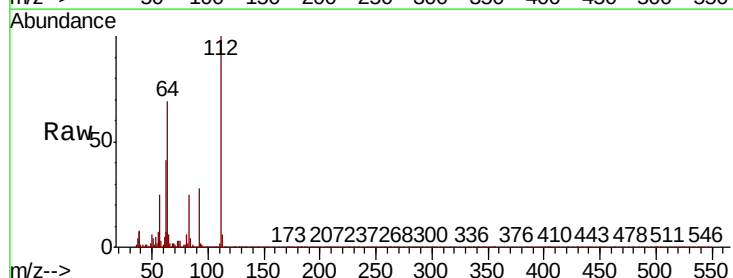
Tgt Ion:112 Resp: 789816

Ion Ratio Lower Upper

112 100

64 69.4 52.8 79.2

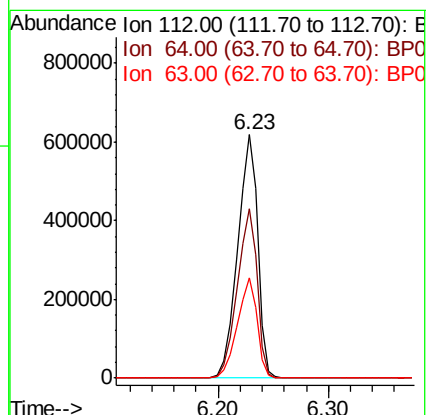
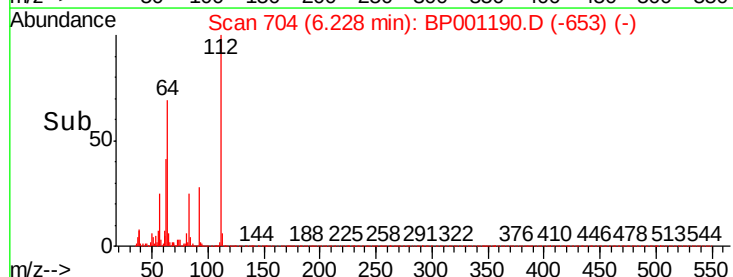
63 41.3 28.2 42.2

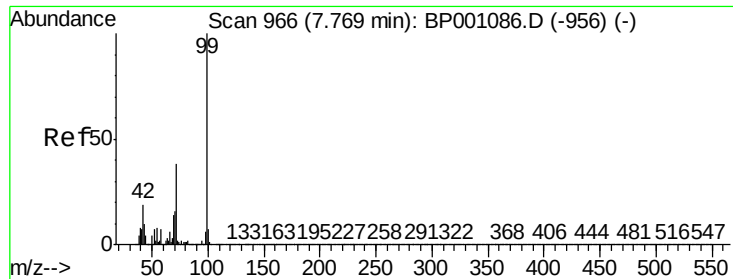


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 129.307 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BP001190.D

Acq: 04 Dec 2019 10:06

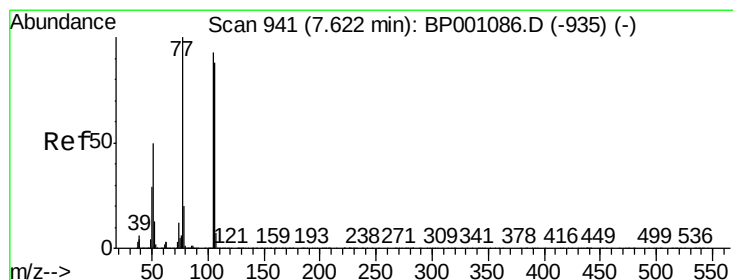
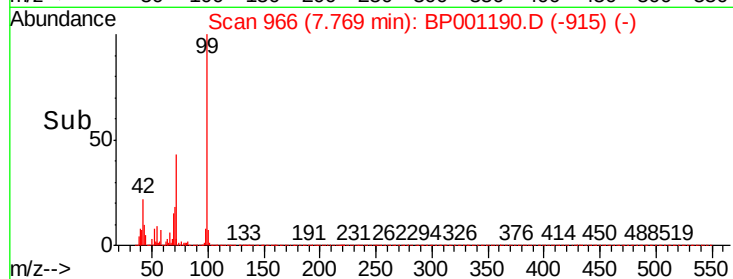
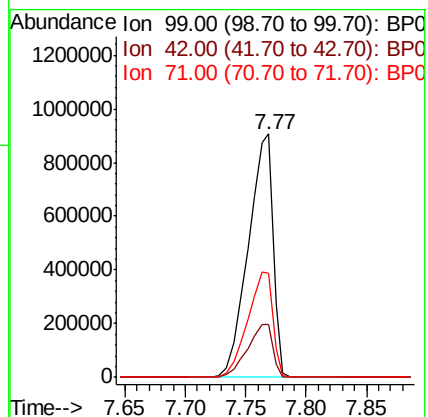
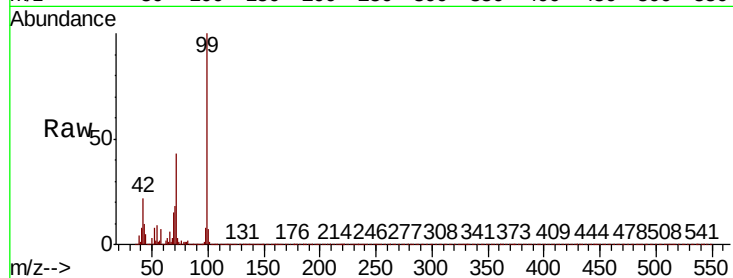
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1304650

Ion	Ratio	Lower	Upper
99	100		
42	21.7	15.4	23.0
71	42.8	30.8	46.2



#9

Benzaldehyde

Concen: Below Cal

RT: 7.76 min Scan# 965

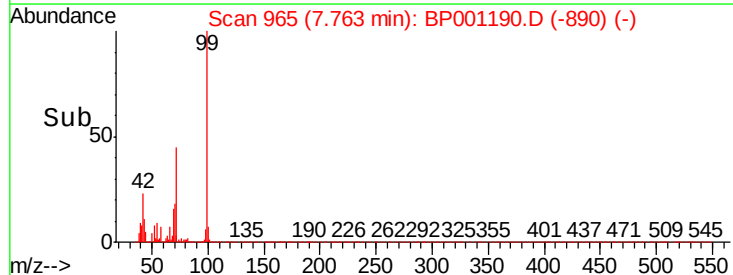
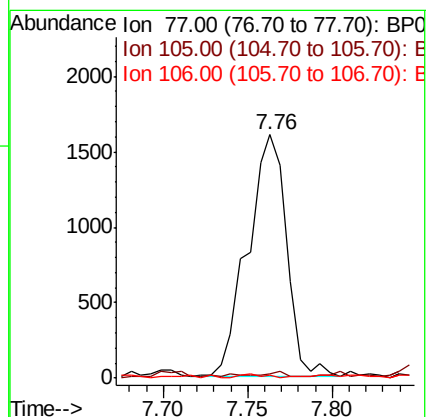
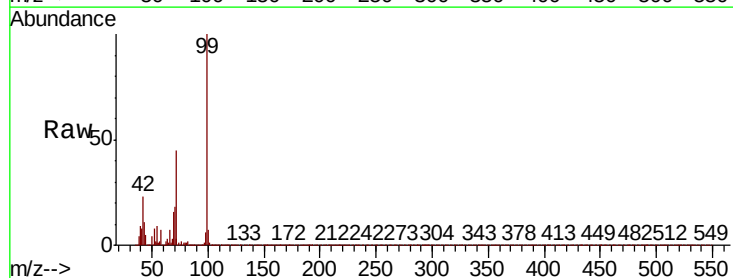
Delta R.T. 0.14 min

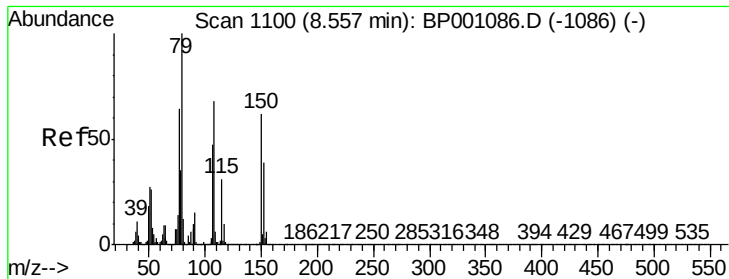
Lab File: BP001190.D

Acq: 04 Dec 2019 10:06

Tgt Ion: 77 Resp: 2584

Ion	Ratio	Lower	Upper
77	100		
105	1.5	72.5	112.5#
106	1.2	67.6	107.6#

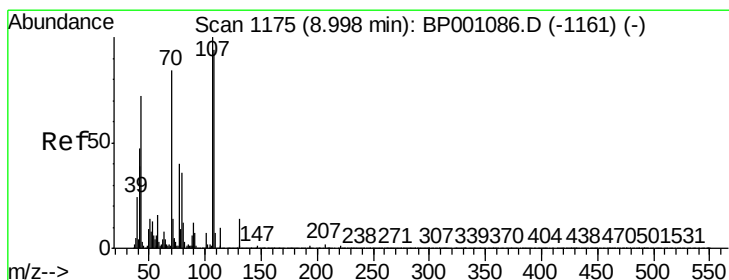
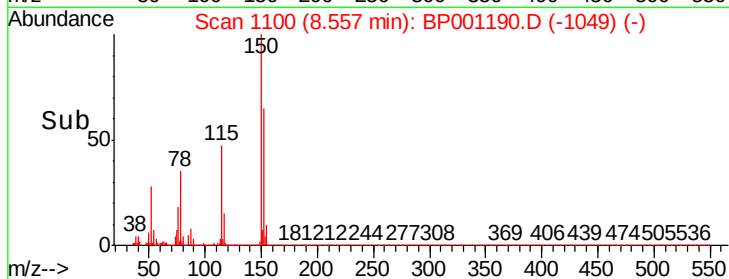
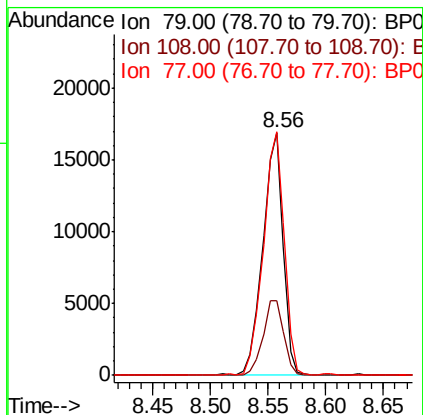
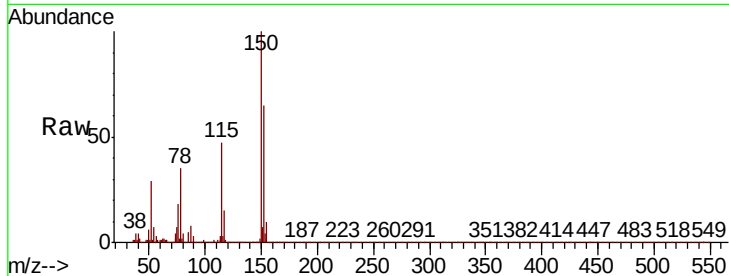




#15
Benzyl Alcohol
Concen: 2.511 ng
RT: 8.56 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BP001190.D
Acq: 04 Dec 2019 10:06

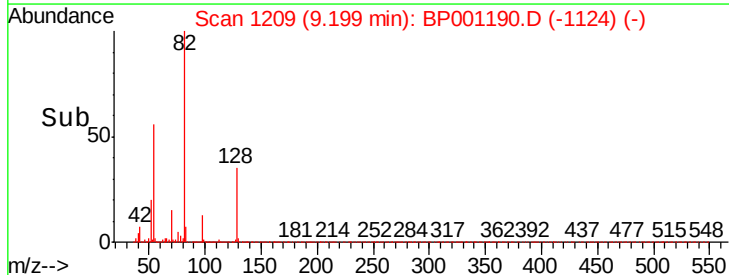
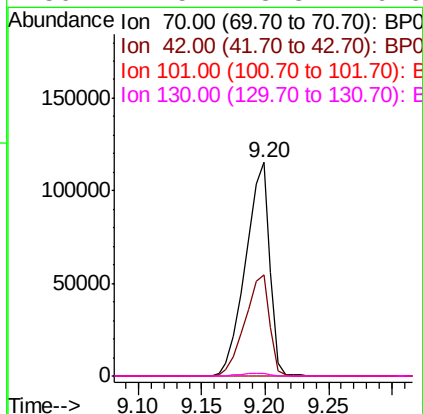
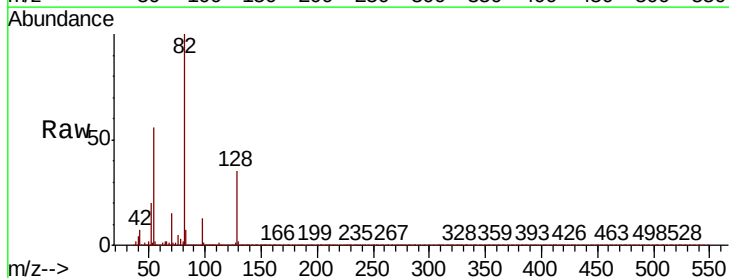
Instrument :
BNA_P
ClientSampleId :

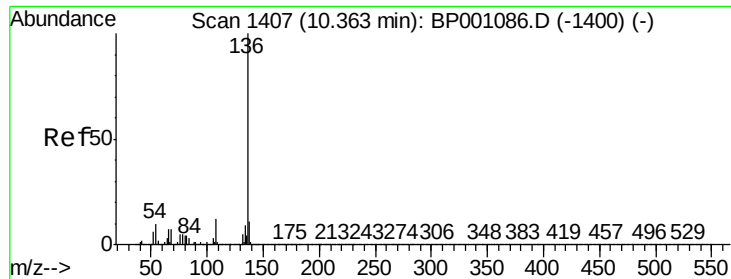
Tot Ion	Ratio	Lower	Upper
79	100		
108	30.7	54.8	82.2#
77	100.5	51.4	77.2#



#19
n-Nitroso-di-n-propylamine
Concen: 20.960 ng
RT: 9.20 min Scan# 1209
Delta R.T. 0.20 min
Lab File: BP001190.D
Acq: 04 Dec 2019 10:06

Tgt Ion	Ratio	Lower	Upper
70	100		
42	47.5	44.6	66.8
101	0.0	7.1	10.7#
130	1.5	13.8	20.6#

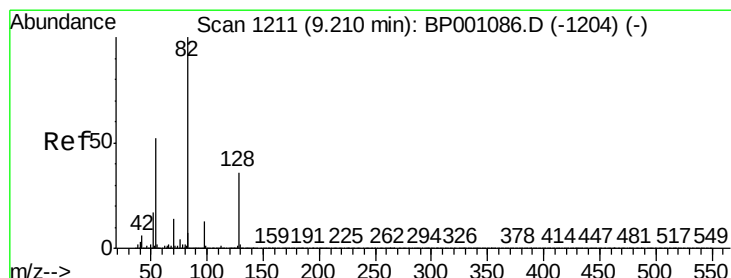
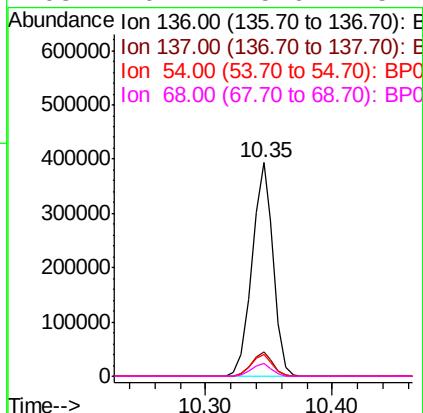
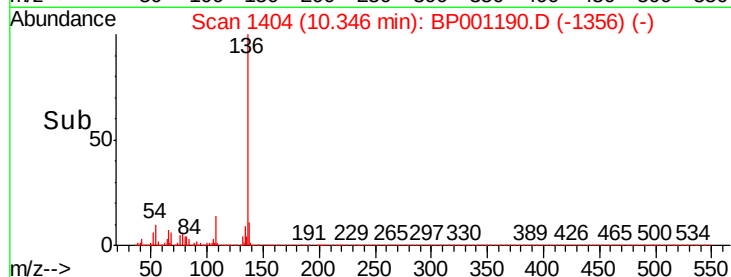
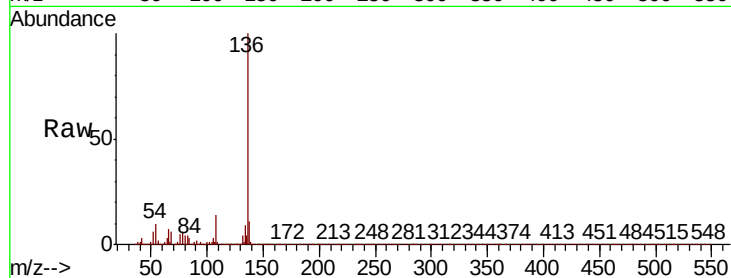




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BP001190.D
Acq: 04 Dec 2019 10:06

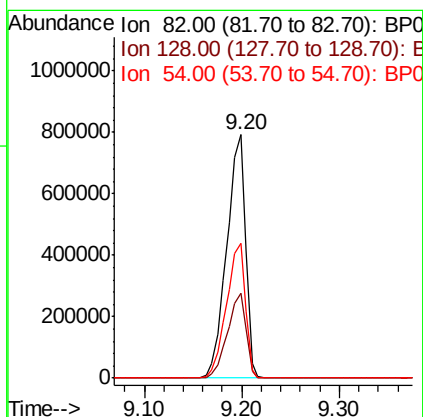
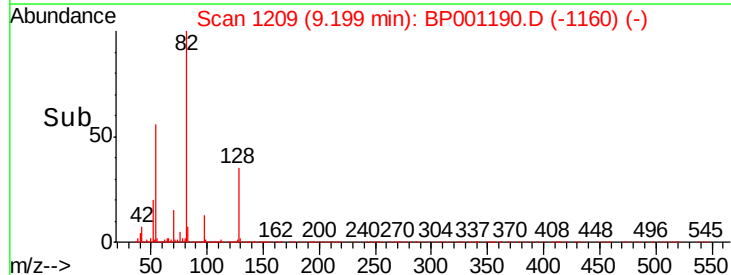
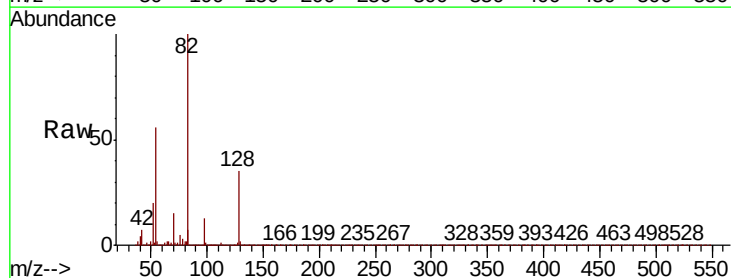
Instrument :
BNA_P
ClientSampleId :

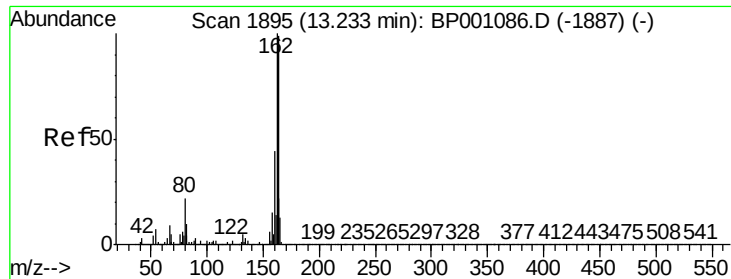
Tot Ion:136	Resp:	455521
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.8 13.2
54	10.3	7.9 11.9
68	6.2	5.6 8.4



#23
Nitrobenzene-d5
Concen: 101.295 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BP001190.D
Acq: 04 Dec 2019 10:06

Tgt Ion: 82	Resp:	1063528
Ion	Ratio	Lower Upper
82	100	
128	35.0	28.9 43.3
54	55.5	41.9 62.9

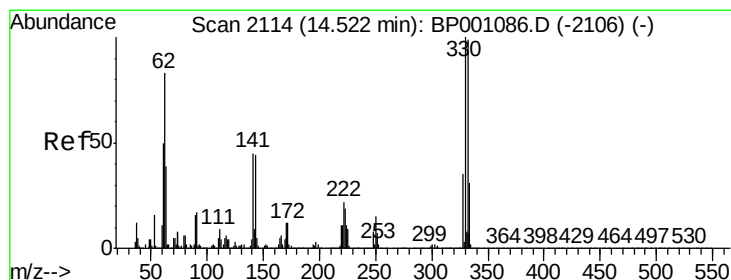
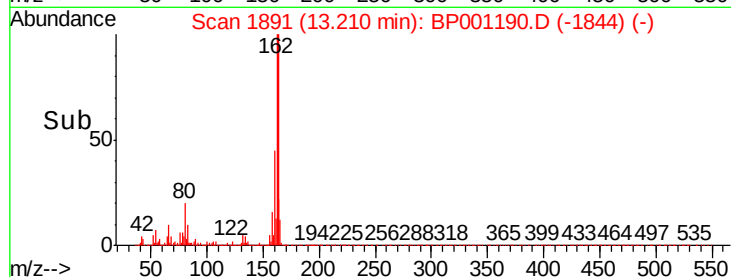
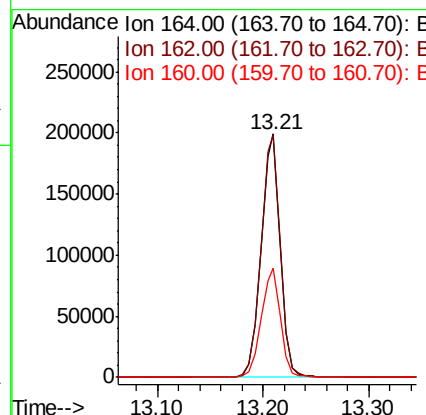
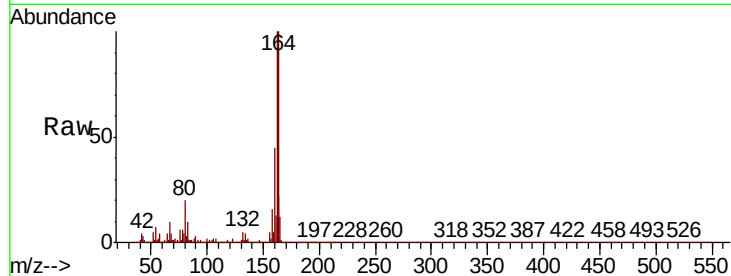




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.21 min Scan# 1891
Delta R.T. -0.02 min
Lab File: BP001190.D
Acq: 04 Dec 2019 10:06

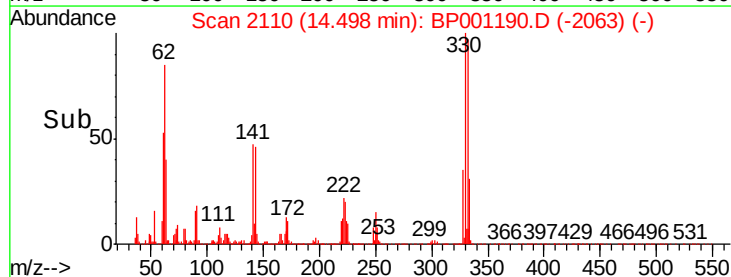
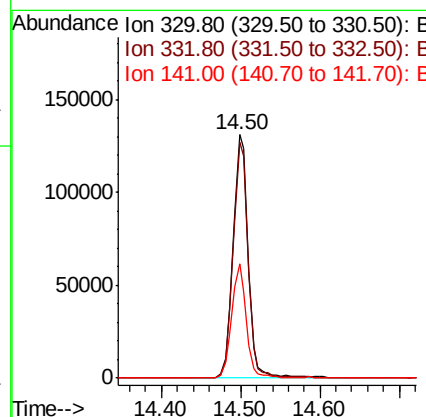
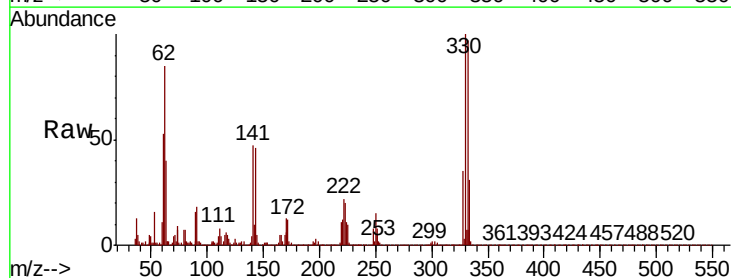
Instrument :
BNA_P
ClientSampleId :

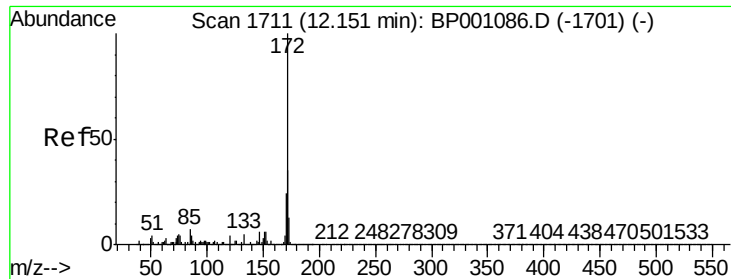
Tot Ion:164 Resp: 252301
Ion Ratio Lower Upper
164 100
162 99.7 80.6 120.8
160 45.0 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 71.889 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.02 min
Lab File: BP001190.D
Acq: 04 Dec 2019 10:06

Tgt Ion:330 Resp: 173849
Ion Ratio Lower Upper
330 100
332 96.5 77.6 116.4
141 44.9 34.2 51.2

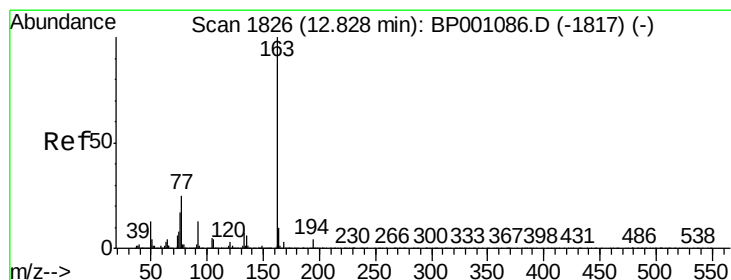
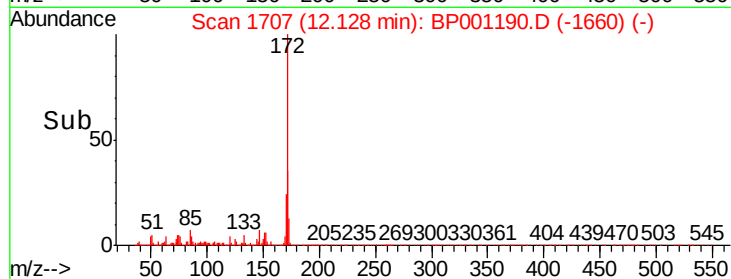
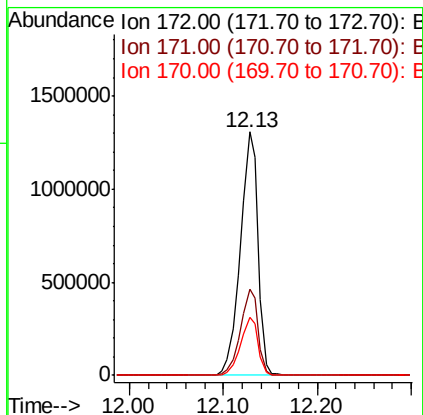
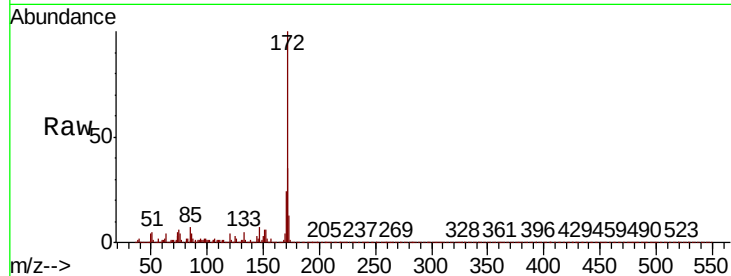




#45
2-Fluorobiphenyl
Concen: 98.964 ng
RT: 12.13 min Scan# 1707
Delta R.T. -0.02 min
Lab File: BP001190.D
Acq: 04 Dec 2019 10:06

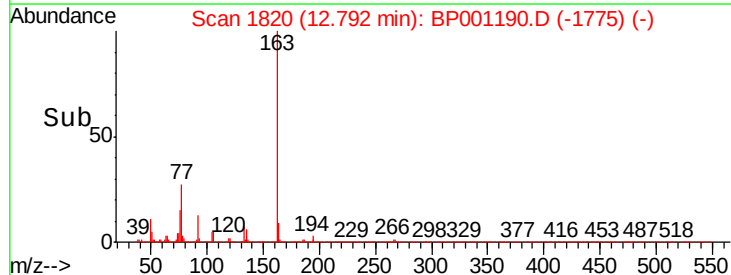
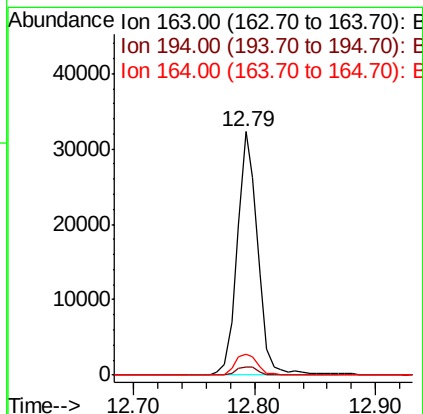
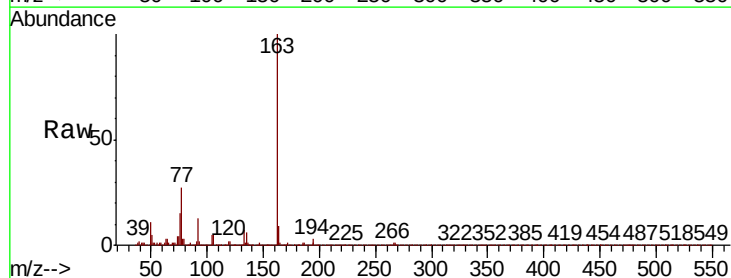
Instrument :
BNA_P
ClientSampleId :

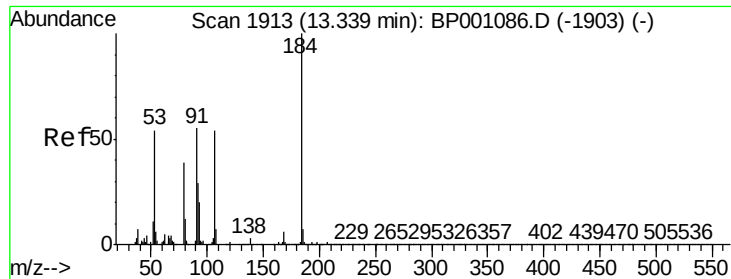
Tot Ion:172 Resp: 1706011
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 23.6 19.0 28.4



#50
Dimethylphthalate
Concen: 2.029 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.04 min
Lab File: BP001190.D
Acq: 04 Dec 2019 10:06

Tgt Ion:163 Resp: 38284
Ion Ratio Lower Upper
163 100
194 3.4 3.1 4.7
164 8.7 8.1 12.1

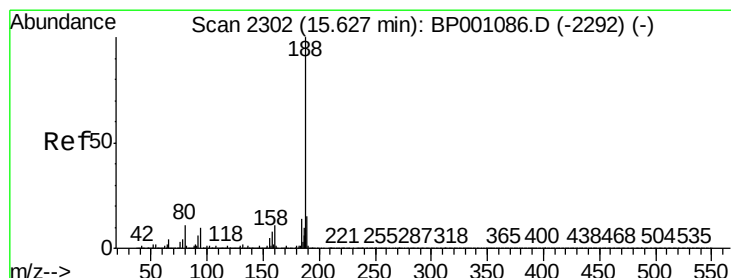
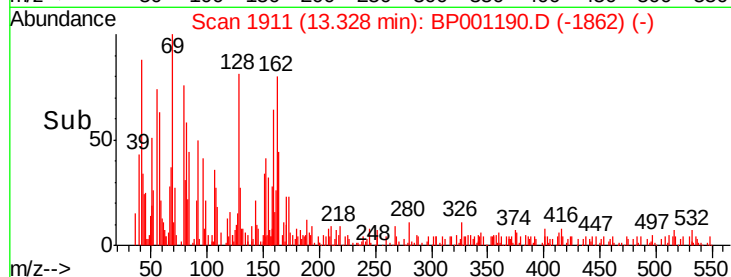
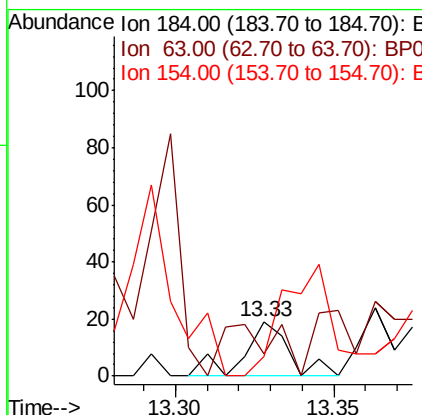
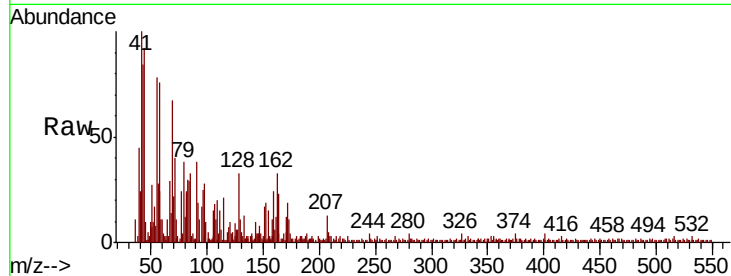




#54
2,4-Dinitrophenol
Concen: 7.120 ng
RT: 13.33 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BP001190.D
Acq: 04 Dec 2019 10:06

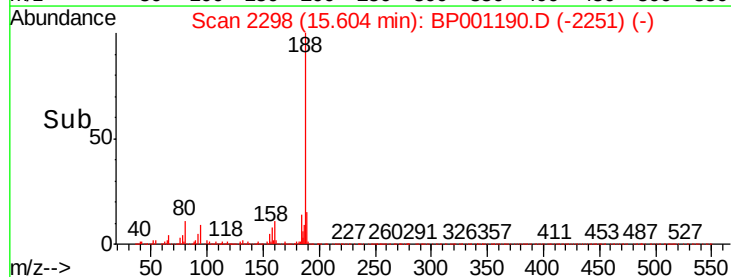
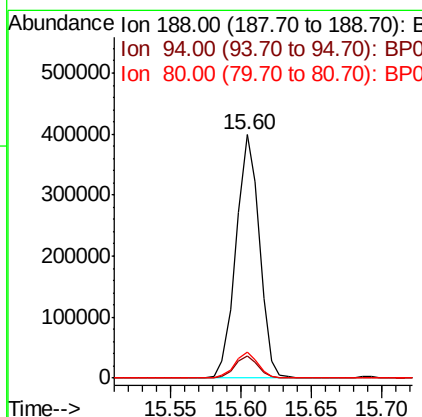
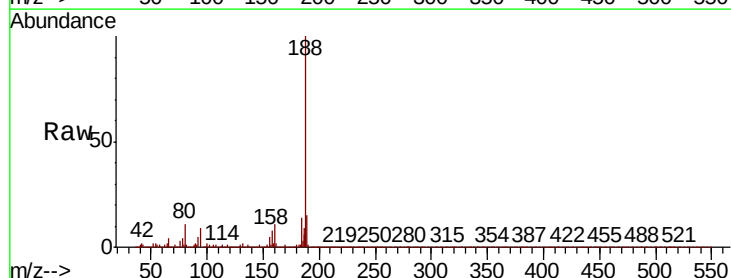
Instrument :
BNA_P
ClientSampled :

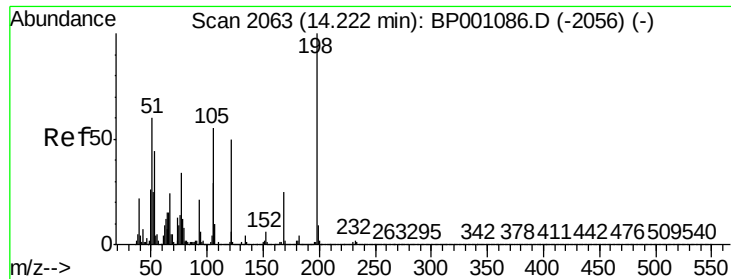
Tot Ion:184 Resp: 19
Ion Ratio Lower Upper
184 100
63 121.1 60.7 91.1#
154 36.8 56.2 84.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BP001190.D
Acq: 04 Dec 2019 10:06

Tgt Ion:188 Resp: 461886
Ion Ratio Lower Upper
188 100
94 9.3 7.9 11.9
80 10.7 8.8 13.2

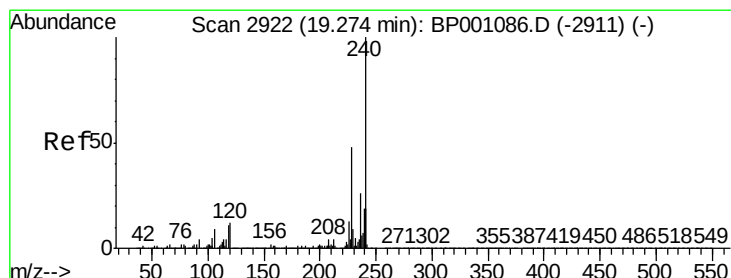
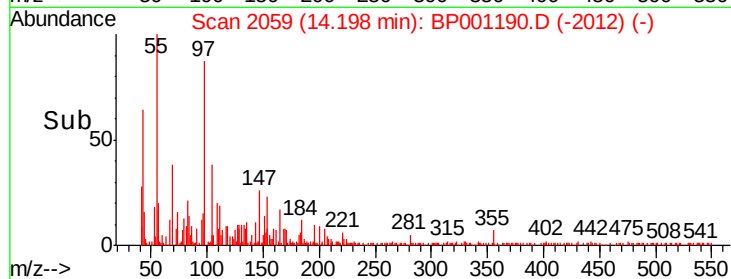
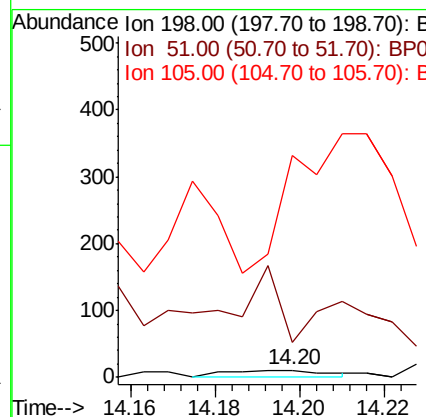
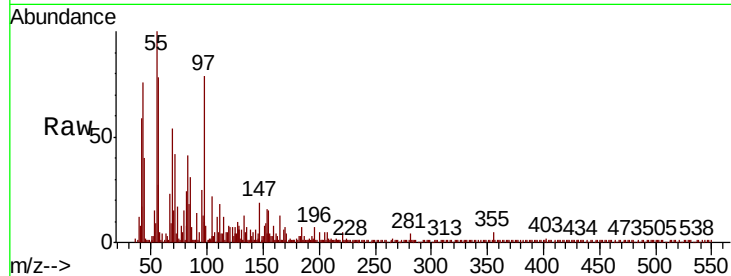




#65
4,6-Dinitro-2-methylphenol
Concen: 6.284 ng
RT: 14.20 min Scan# 2059
Delta R.T. -0.02 min
Lab File: BP001190.D
Acq: 04 Dec 2019 10:06

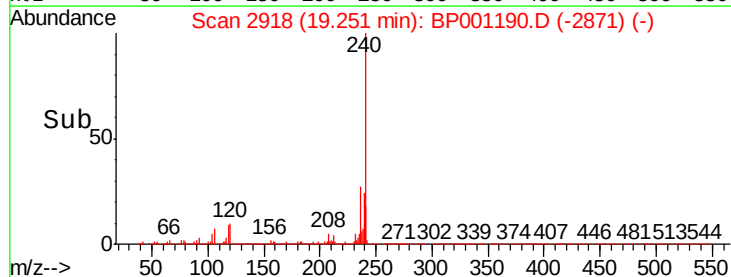
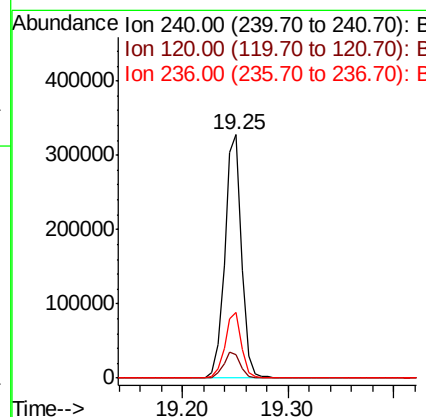
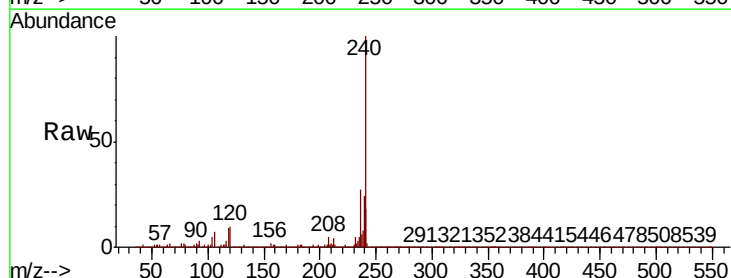
Instrument :
BNA_P
ClientSampled :

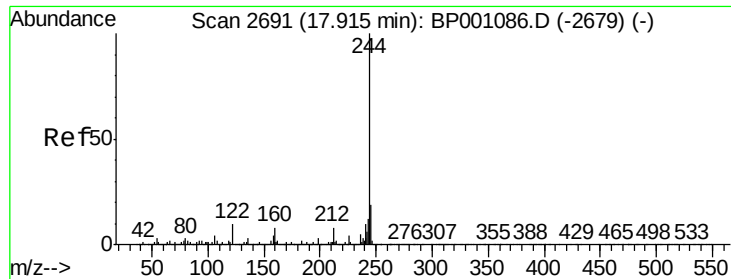
Tot Ion:198 Resp: 18
Ion Ratio Lower Upper
198 100
51 472.7 40.5 80.5#
105 3018.2 35.7 75.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.25 min Scan# 2918
Delta R.T. -0.02 min
Lab File: BP001190.D
Acq: 04 Dec 2019 10:06

Tgt Ion:240 Resp: 363440
Ion Ratio Lower Upper
240 100
120 9.7 9.5 14.3
236 27.0 20.4 30.6





#79

Terphenyl-d14

Concen: 97.518 ng

RT: 17.90 min Scan# 2688

Delta R.T. -0.02 min

Lab File: BP001190.D

Acq: 04 Dec 2019 10:06

Instrument :

BNA_P

ClientSampleId :

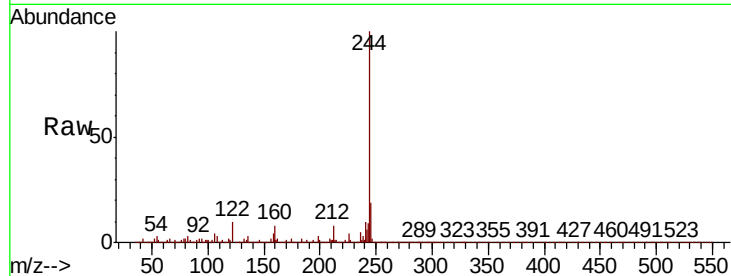
Tot Ion:244 Resp: 1915677

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

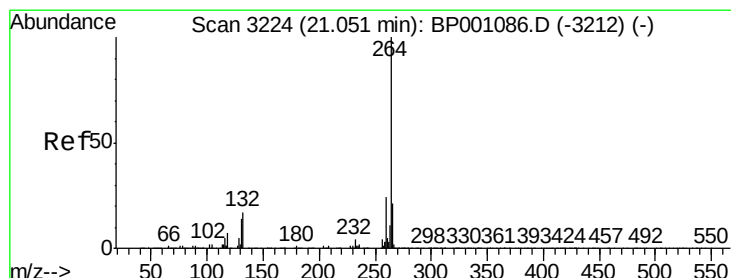
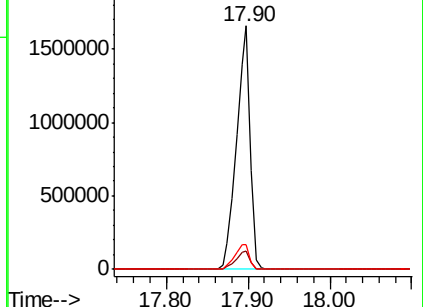
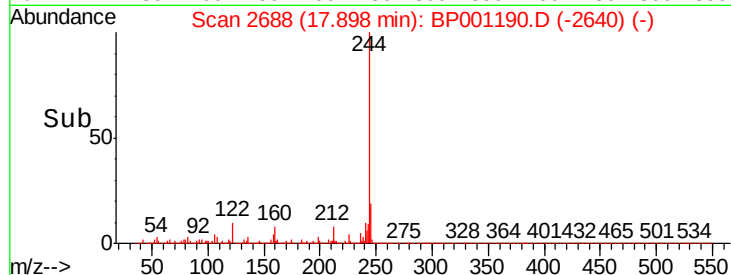
122 9.9 8.2 12.2



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: 21.02 min Scan# 3219

Delta R.T. -0.03 min

Lab File: BP001190.D

Acq: 04 Dec 2019 10:06

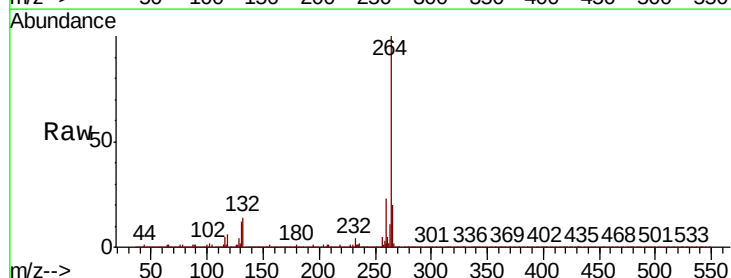
Tgt Ion:264 Resp: 387822

Ion Ratio Lower Upper

264 100

260 23.3 18.8 28.2

265 20.4 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

