

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
 Data File : BP001195.D
 Acq On : 04 Dec 2019 12:35
 Operator : JU
 Sample : K6014-17
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 04 13:09:31 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

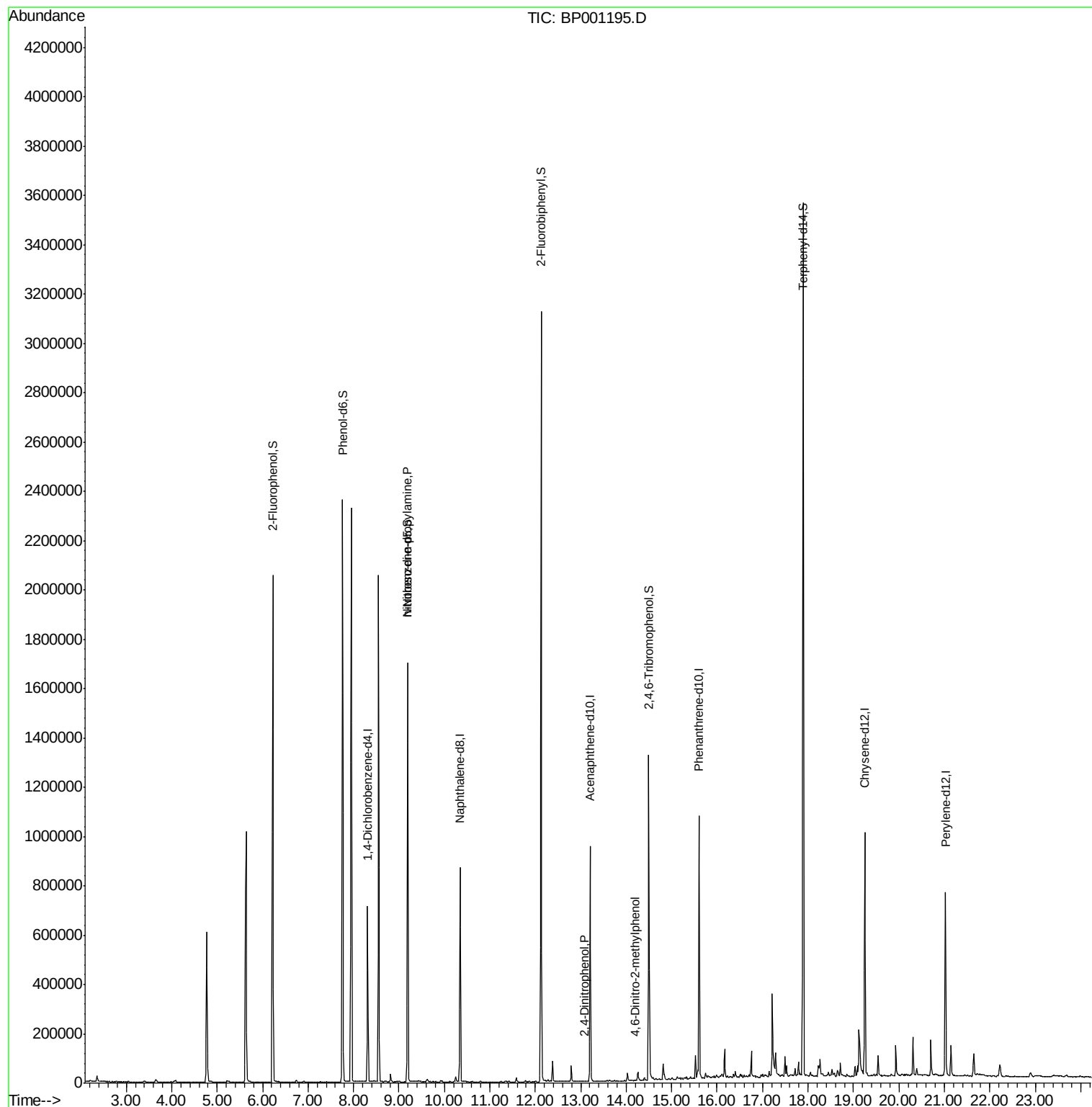
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	120781	20.00	ng	-0.02
21) Naphthalene-d8	10.35	136	441545	20.00	ng	-0.02
39) Acenaphthene-d10	13.21	164	247444	20.00	ng	-0.02
64) Phenanthrene-d10	15.60	188	472185	20.00	ng	-0.02
76) Chrysene-d12	19.25	240	371413	20.00	ng	-0.02
87) Perylene-d12	21.03	264	390934	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	626867	86.11	ng	0.00
7) Phenol-d6	7.76	99	983145	101.37	ng	0.00
23) Nitrobenzene-d5	9.19	82	706827	69.45	ng	-0.02
42) 2,4,6-Tribromophenol	14.50	330	172235	72.62	ng	-0.02
45) 2-Fluorobiphenyl	12.13	172	1172494	69.35	ng	-0.02
79) Terphenyl-d14	17.89	244	1377144	68.60	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.76	77	1887	Below Cal	#	5
19) n-Nitroso-di-n-propylamine	9.19	70	99933	14.279 ng	#	84
54) 2,4-Dinitrophenol	13.09	184	6	7.112 ng	#	90
65) 4,6-Dinitro-2-methylphenol	14.20	198	22	6.286 ng	#	1

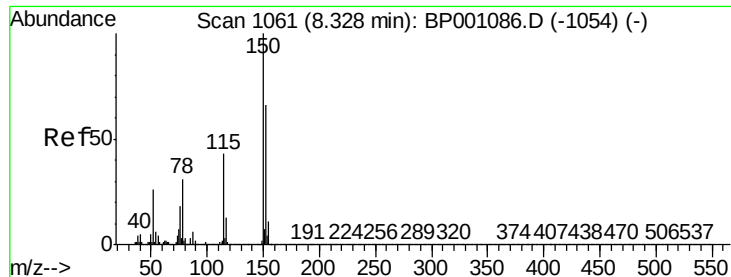
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
Data File : BP001195.D
Acq On : 04 Dec 2019 12:35
Operator : JU
Sample : K6014-17
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Dec 04 13:09:31 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.31 min Scan# 1058

Delta R.T. -0.02 min

Lab File: BP001195.D

Acq: 04 Dec 2019 12:35

Instrument :

BNA_P

ClientSampleId :

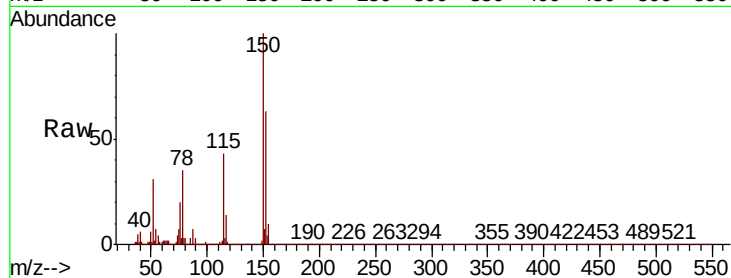
Tot Ion:152 Resp: 120781

Ion Ratio Lower Upper

152 100

150 158.0 120.6 181.0

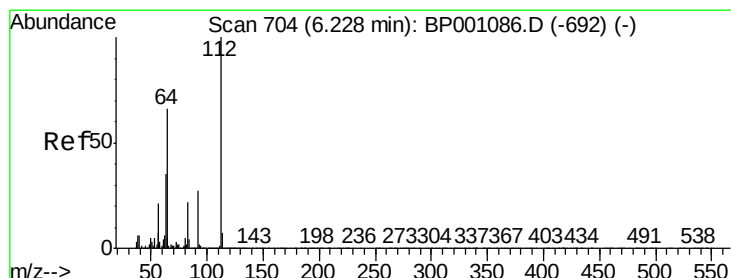
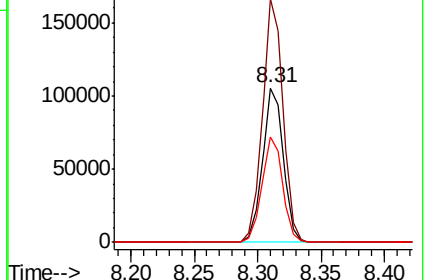
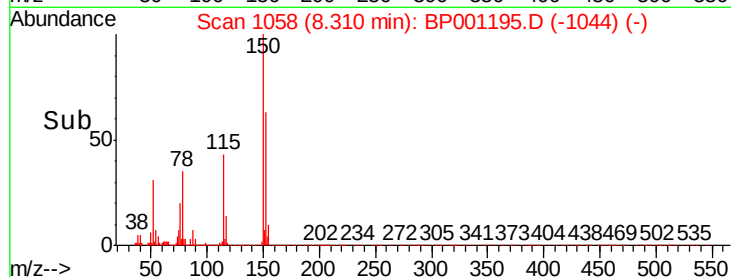
115 68.6 51.6 77.4



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: 86.108 ng

RT: 6.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BP001195.D

Acq: 04 Dec 2019 12:35

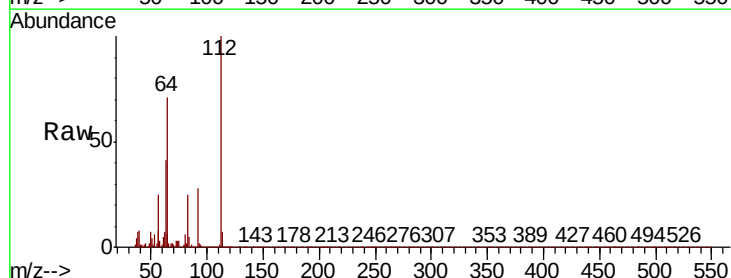
Tgt Ion:112 Resp: 626867

Ion Ratio Lower Upper

112 100

64 71.1 52.8 79.2

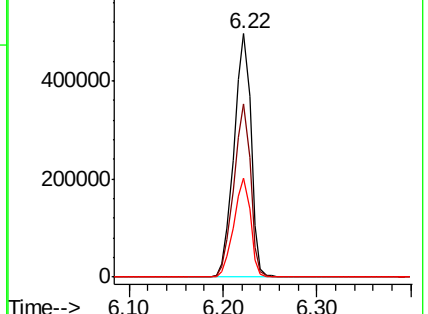
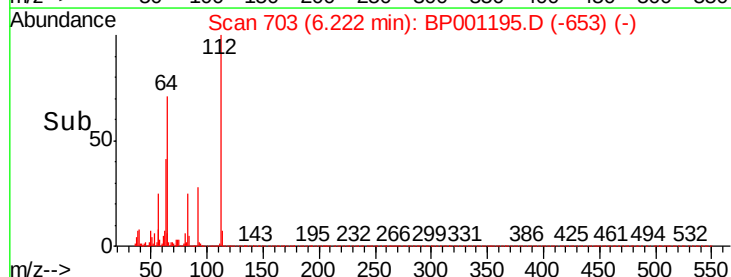
63 40.7 28.2 42.2

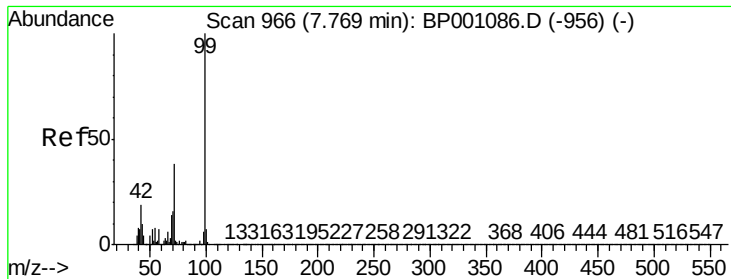


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 101.368 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BP001195.D

Acq: 04 Dec 2019 12:35

Instrument :

BNA_P

ClientSampled :

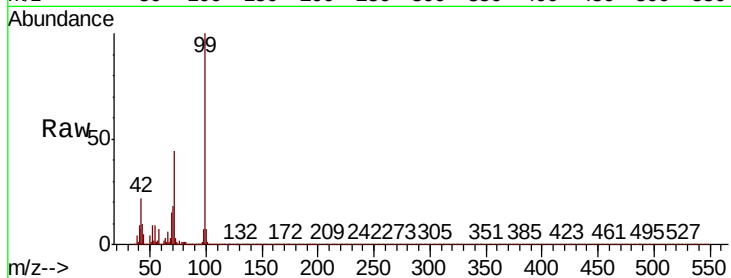
Tot Ion: 99 Resp: 983145

Ion Ratio Lower Upper

99 100

42 21.9 15.4 23.0

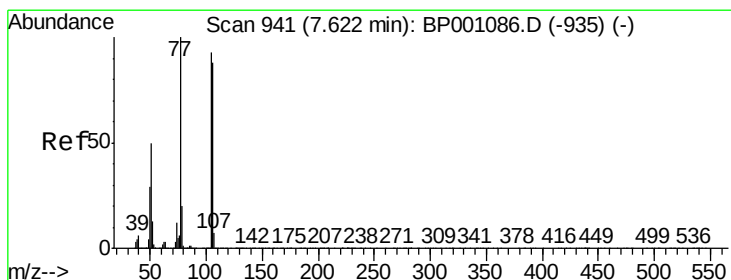
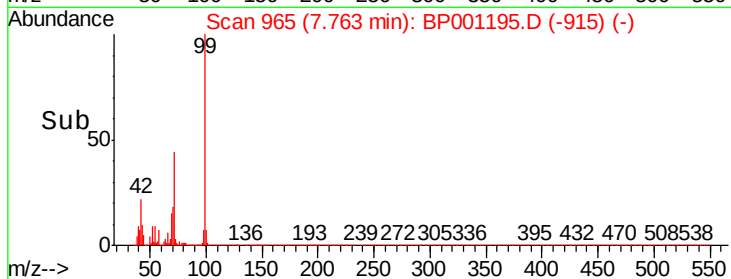
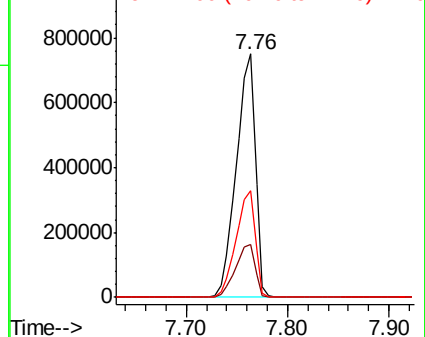
71 43.9 30.8 46.2



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: 7.76 min Scan# 965

Delta R.T. 0.14 min

Lab File: BP001195.D

Acq: 04 Dec 2019 12:35

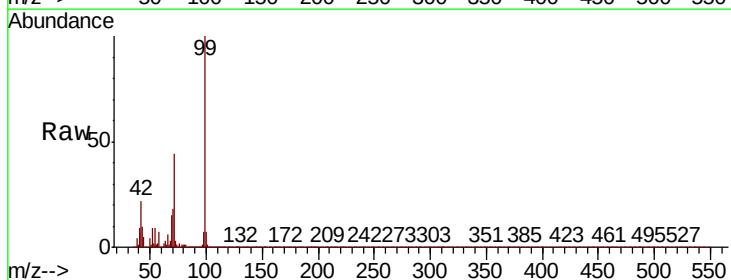
Tgt Ion: 77 Resp: 1887

Ion Ratio Lower Upper

77 100

105 0.6 72.5 112.5#

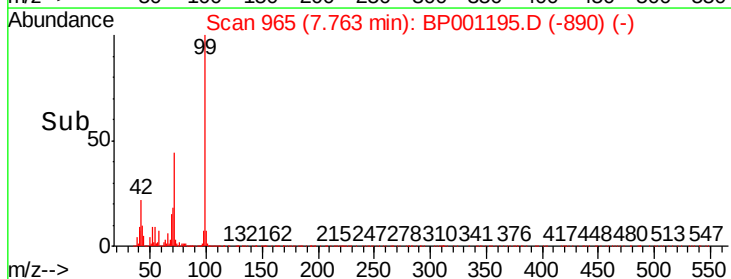
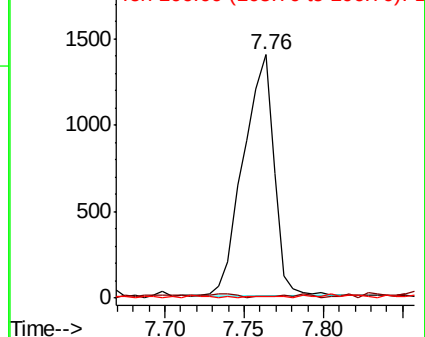
106 0.9 67.6 107.6#

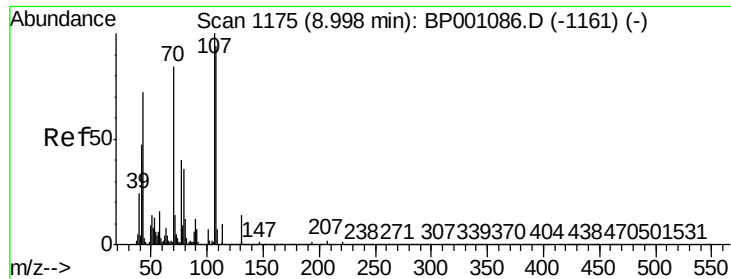


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

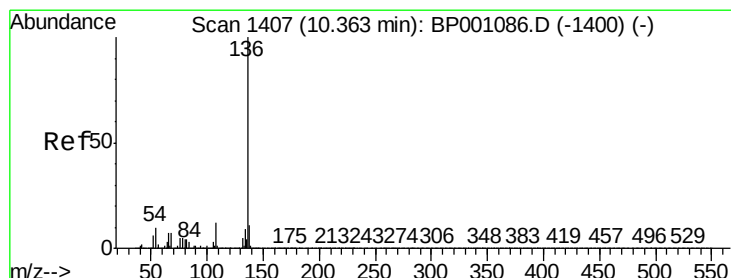
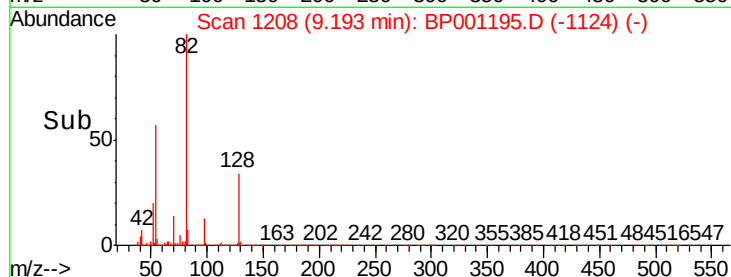
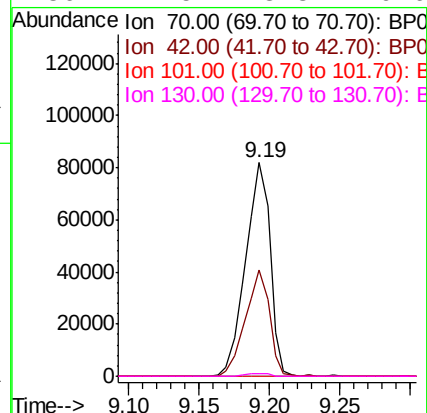
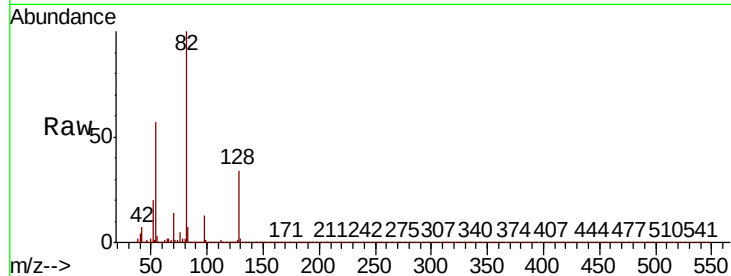




#19
n-Nitroso-di-n-propylamine
Concen: 14.279 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.19 min
Lab File: BP001195.D
Acq: 04 Dec 2019 12:35

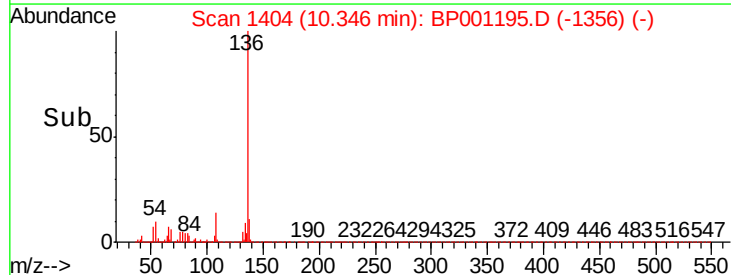
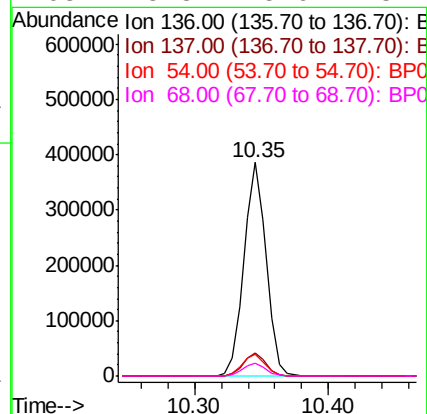
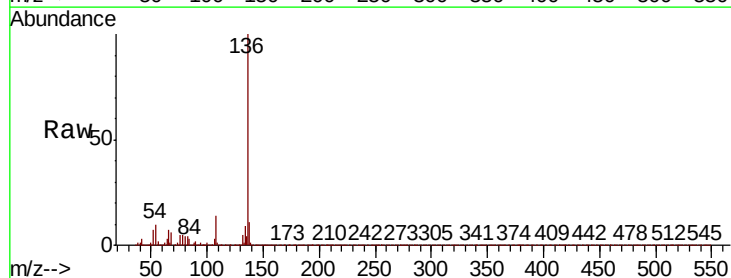
Instrument :
BNA_P
ClientSampleId :

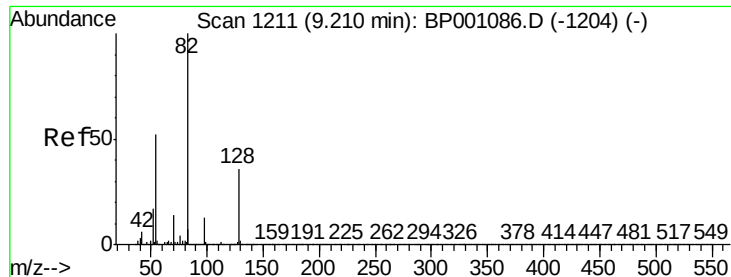
Tot Ion:	70	Resp:	99933
Ion	Ratio	Lower	Upper
70	100		
42	49.9	44.6	66.8
101	0.0	7.1	10.7#
130	1.5	13.8	20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BP001195.D
Acq: 04 Dec 2019 12:35

Tgt Ion:	136	Resp:	441545
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	10.0	7.9	11.9
68	5.8	5.6	8.4

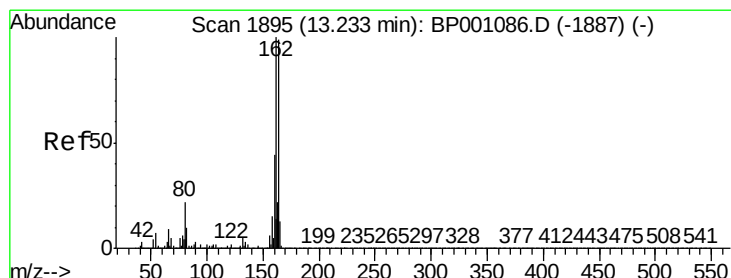
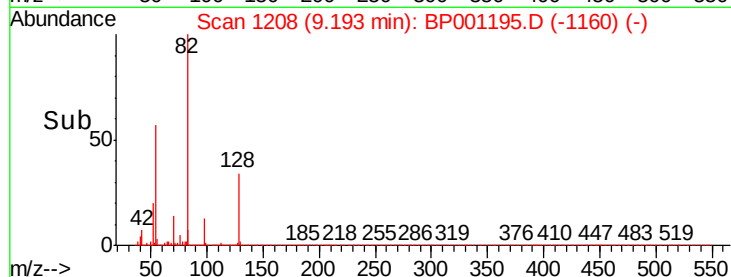
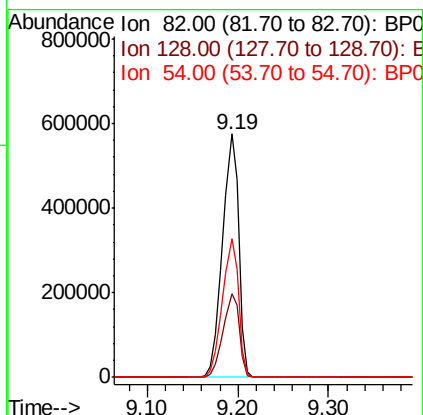
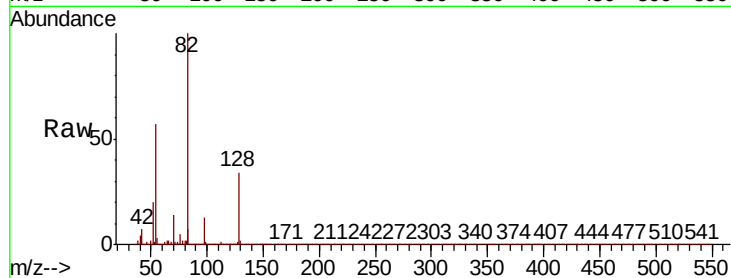




#23
Nitrobenzene-d5
Concen: 69.452 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BP001195.D
Acq: 04 Dec 2019 12:35

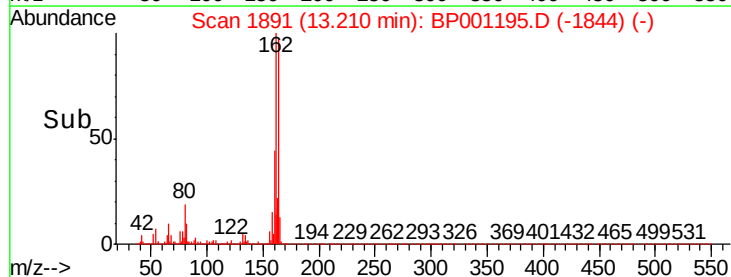
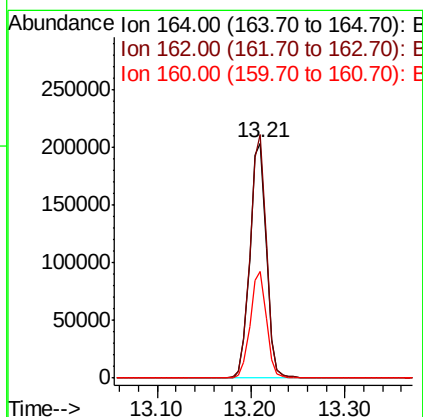
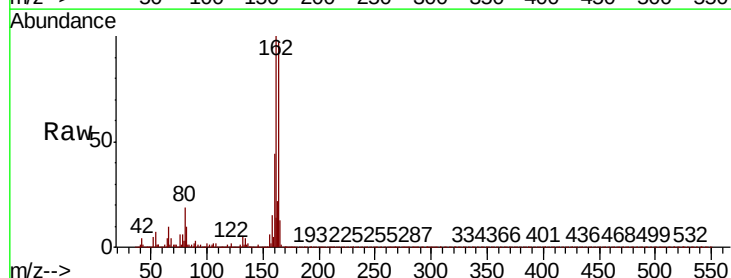
Instrument :
BNA_P
ClientSampleId :

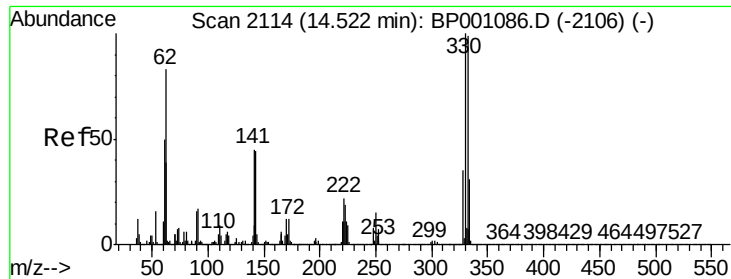
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.1	28.9	43.3
54	57.1	41.9	62.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.21 min Scan# 1891
Delta R.T. -0.02 min
Lab File: BP001195.D
Acq: 04 Dec 2019 12:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	80.6	120.8
160	45.4	35.4	53.2

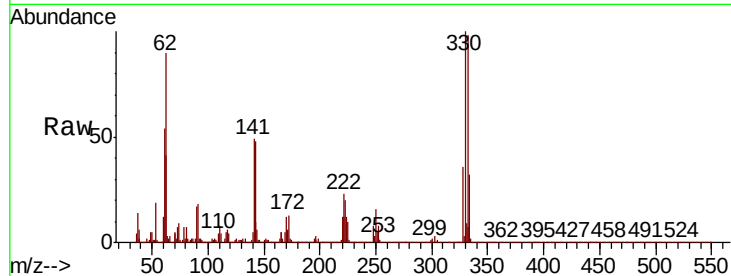




#42
2,4,6-Tribromophenol
Concen: 72.619 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.02 min
Lab File: BP001195.D
Acq: 04 Dec 2019 12:35

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.6	116.4
141	44.8	34.2	51.2

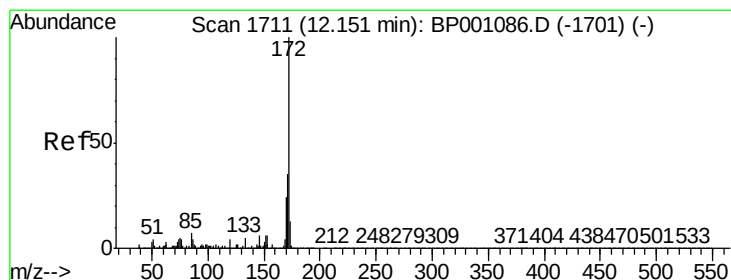
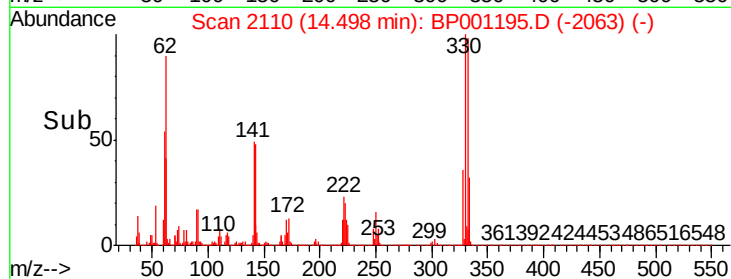
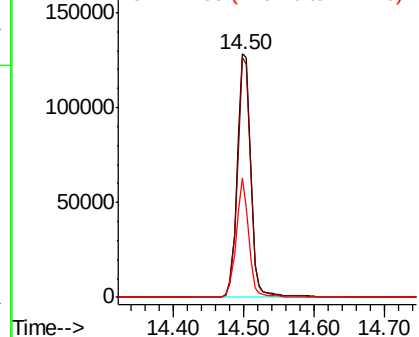


Abundance

Ion 329.80 (329.50 to 330.50): E

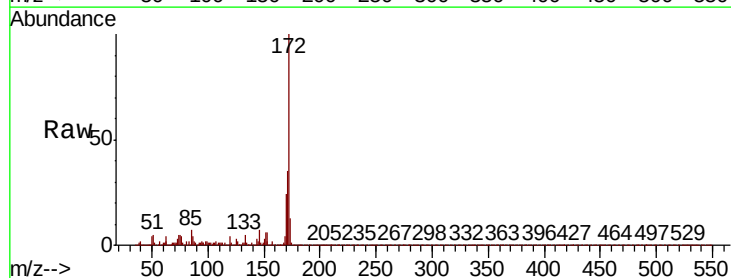
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 69.350 ng
RT: 12.13 min Scan# 1707
Delta R.T. -0.02 min
Lab File: BP001195.D
Acq: 04 Dec 2019 12:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.9	41.9
170	24.2	19.0	28.4

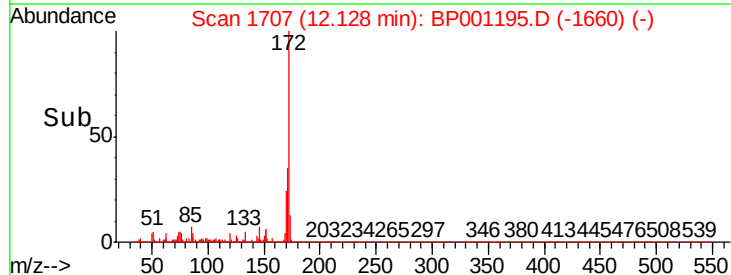
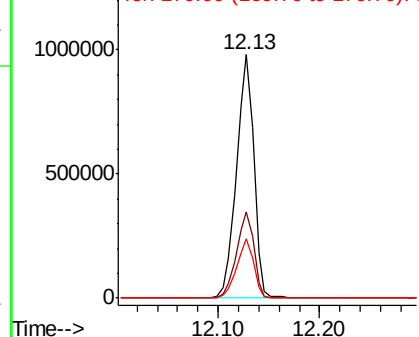


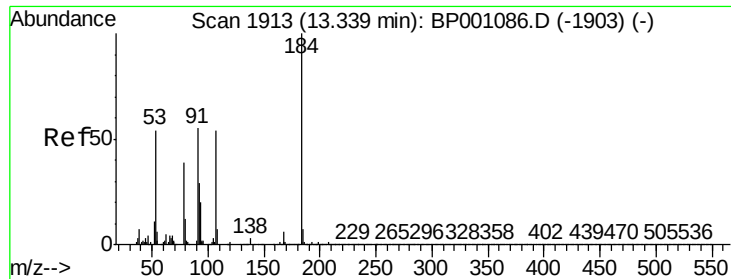
Abundance

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

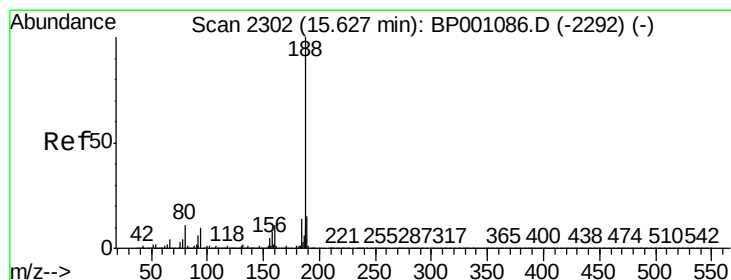
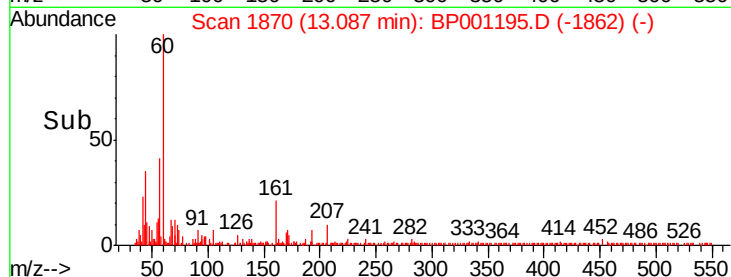
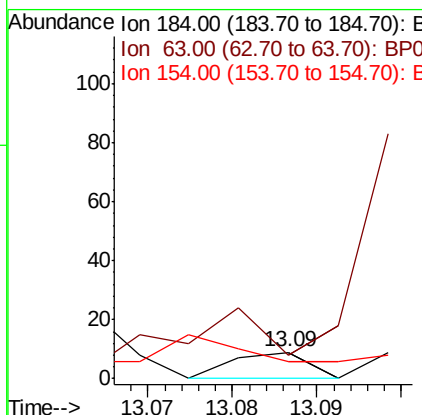
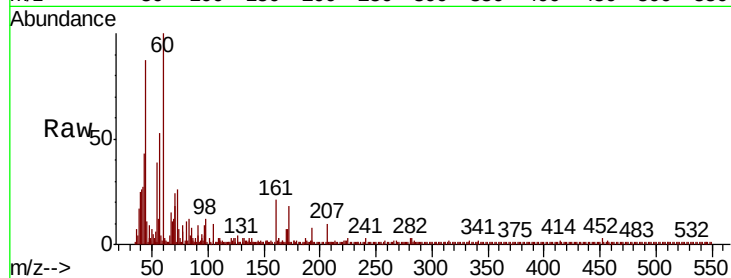




#54
2,4-Dinitrophenol
Concen: 7.112 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.25 min
Lab File: BP001195.D
Acq: 04 Dec 2019 12:35

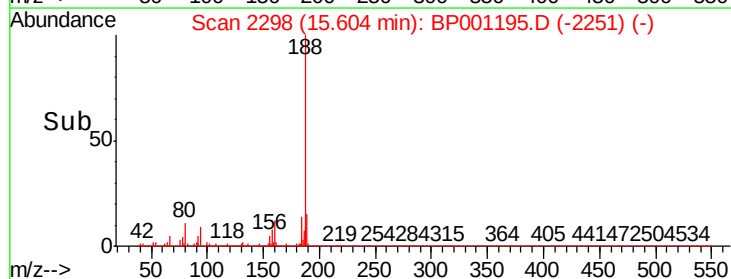
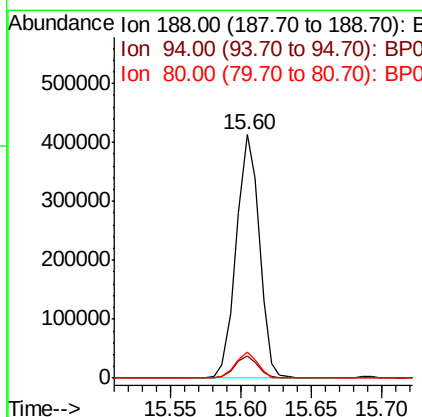
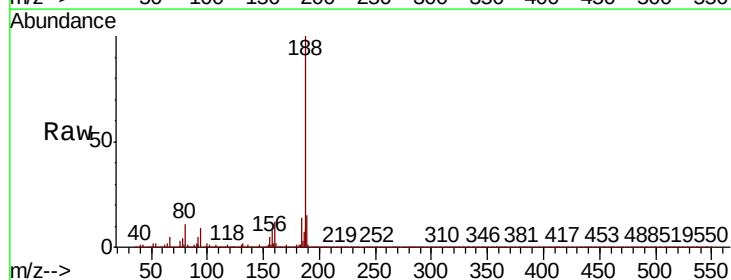
Instrument :
BNA_P
ClientSampled :

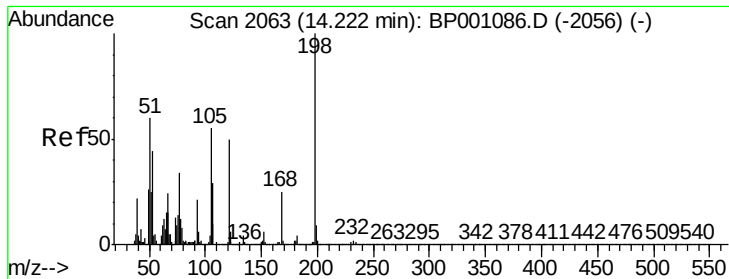
Tot Ion:184 Resp: 6
Ion Ratio Lower Upper
184 100
63 88.9 60.7 91.1
154 66.7 56.2 84.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BP001195.D
Acq: 04 Dec 2019 12:35

Tgt Ion:188 Resp: 472185
Ion Ratio Lower Upper
188 100
94 9.2 7.9 11.9
80 10.8 8.8 13.2





#65

4,6-Dinitro-2-methylphenol

Concen: 6.286 ng

RT: 14.20 min Scan# 2060

Delta R.T. -0.02 min

Lab File: BP001195.D

Acq: 04 Dec 2019 12:35

Instrument :

BNA_P

ClientSampled :

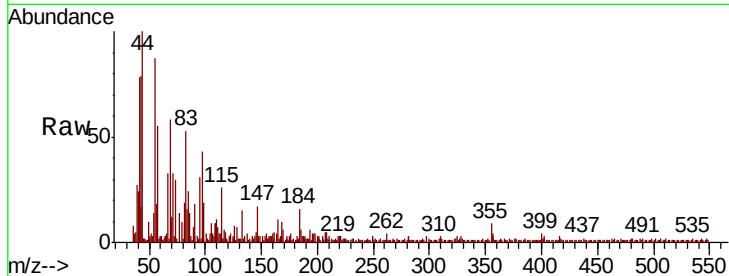
Tot Ion:198 Resp: 22

Ion Ratio Lower Upper

198 100

51 60.0 40.5 80.5

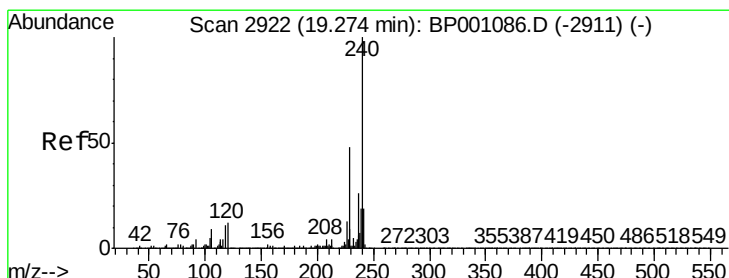
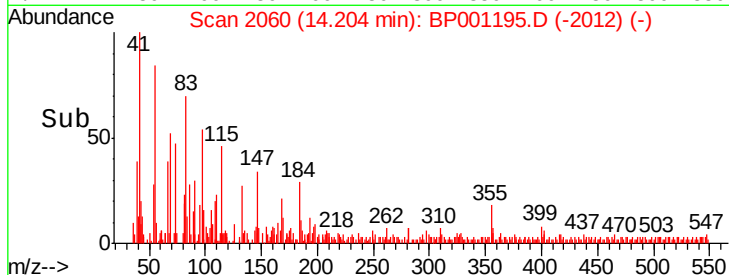
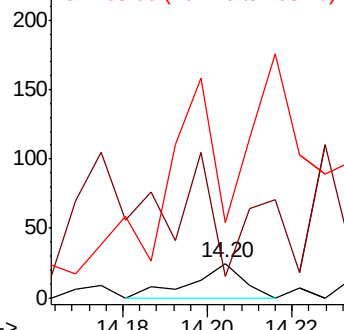
105 216.0 35.7 75.7#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.25 min Scan# 2918

Delta R.T. -0.02 min

Lab File: BP001195.D

Acq: 04 Dec 2019 12:35

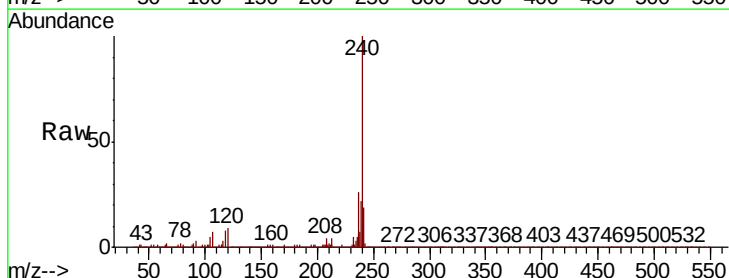
Tgt Ion:240 Resp: 371413

Ion Ratio Lower Upper

240 100

120 9.2 9.5 14.3#

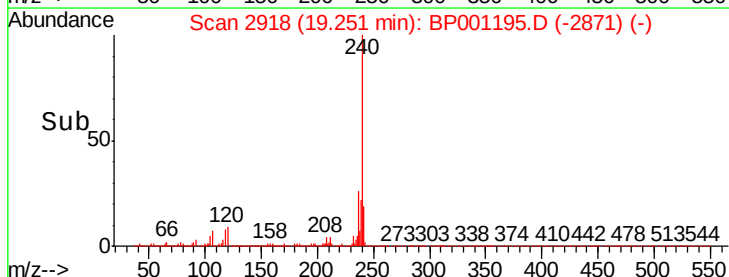
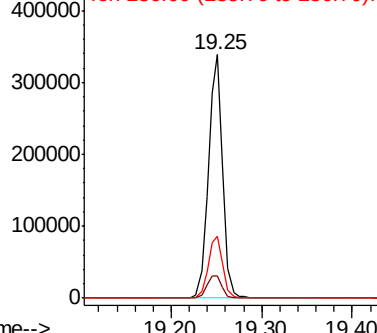
236 25.6 20.4 30.6

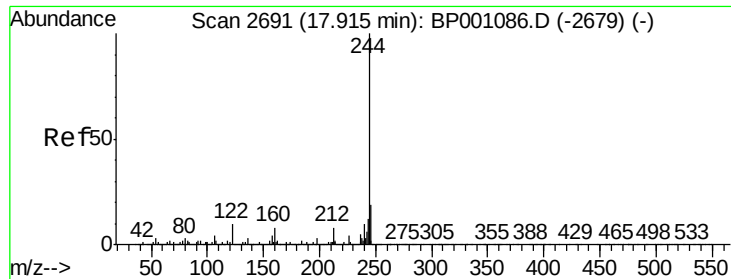


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 68.599 ng

RT: 17.89 min Scan# 2687

Delta R.T. -0.02 min

Lab File: BP001195.D

Acq: 04 Dec 2019 12:35

Instrument :

BNA_P

ClientSampleId :

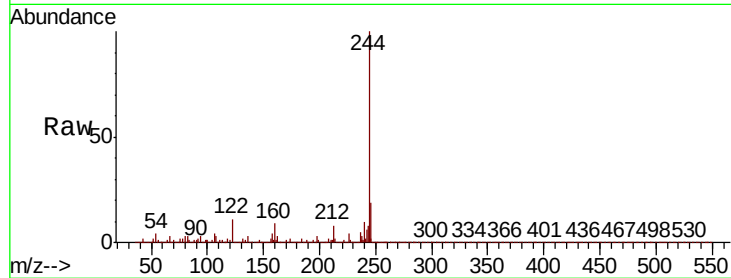
Tot Ion:244 Resp: 1377144

Ion Ratio Lower Upper

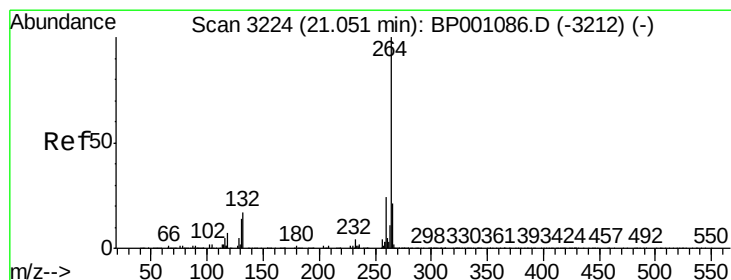
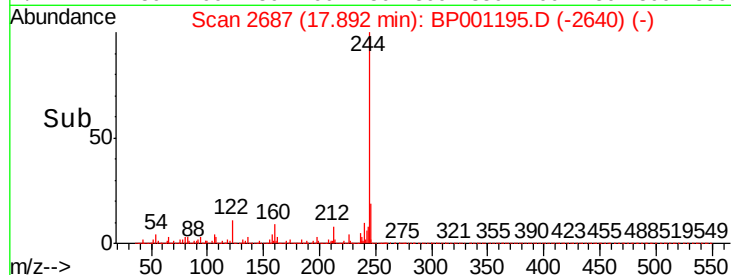
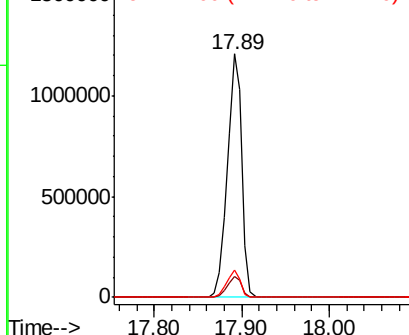
244 100

212 8.4 6.2 9.2

122 11.3 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: 21.03 min Scan# 3220

Delta R.T. -0.02 min

Lab File: BP001195.D

Acq: 04 Dec 2019 12:35

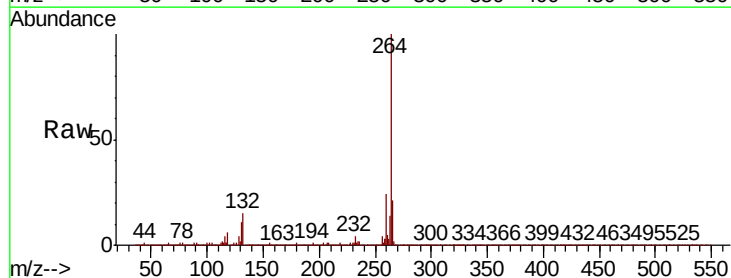
Tgt Ion:264 Resp: 390934

Ion Ratio Lower Upper

264 100

260 24.3 18.8 28.2

265 21.3 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

