

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
 Data File : BP001134.D
 Acq On : 02 Dec 2019 19:13
 Operator : JU
 Sample : K5676-38
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 03 00:16:47 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

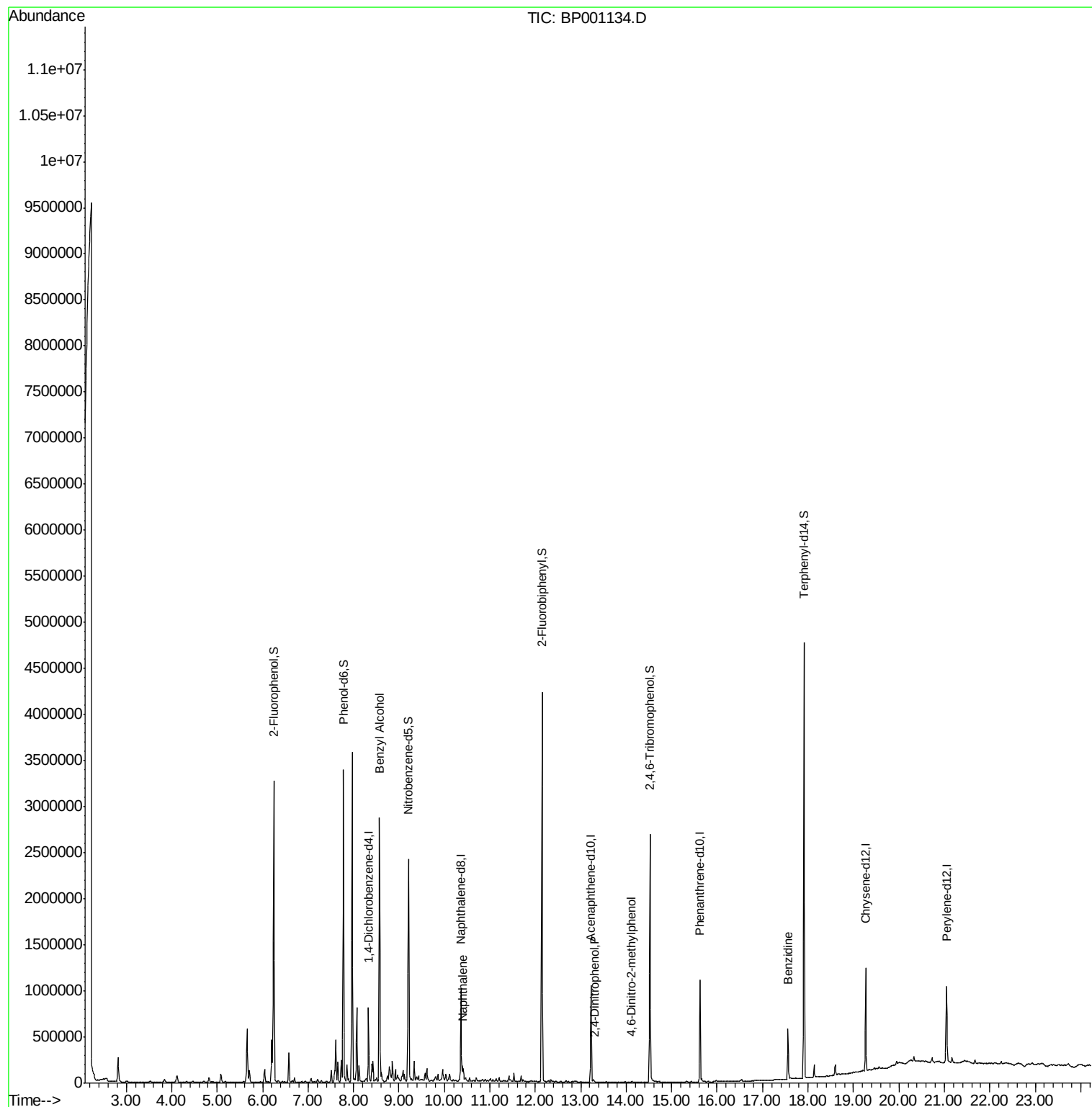
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	135410	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	498119	20.00	ng	0.00
39) Acenaphthene-d10	13.23	164	275020	20.00	ng	0.00
64) Phenanthrene-d10	15.63	188	522666	20.00	ng	0.00
76) Chrysene-d12	19.27	240	416252	20.00	ng	0.00
87) Perylene-d12	21.05	264	450546	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.25	112	1147823	140.63	ng	0.02
7) Phenol-d6	7.78	99	1504285	138.34	ng	0.01
23) Nitrobenzene-d5	9.21	82	1040048	90.59	ng	0.00
42) 2,4,6-Tribromophenol	14.52	330	377958	143.38	ng	0.00
45) 2-Fluorobiphenyl	12.15	172	1669893	88.87	ng	0.00
79) Terphenyl-d14	17.92	244	2015655	89.59	ng	0.00
Target Compounds						
9) Benzaldehyde	7.61	77	26906	Below Cal	Qvalue	# 1
15) Benzyl Alcohol	8.57	79	19185	2.149 ng	#	54
31) Naphthalene	10.40	128	81874	3.218 ng	#	99
54) 2,4-Dinitrophenol	13.31	184	26	7.122 ng	#	1
65) 4,6-Dinitro-2-methylphenol	14.13	198	43	6.293 ng	#	1
77) Benzidine	17.56	184	258431	24.046 ng		98

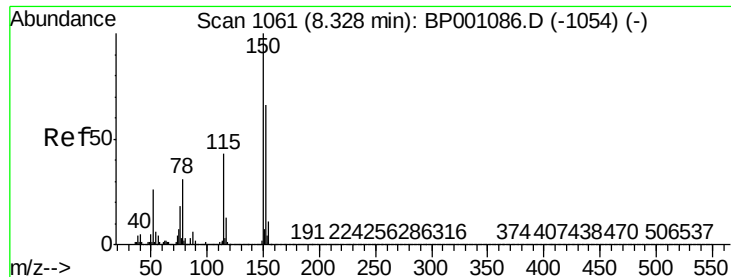
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

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BNA_P
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Quant Time: Dec 03 00:16:47 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: 8.33 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BP001134.D

Acq: 02 Dec 2019 19:13

Instrument :

BNA_P

ClientSampled :

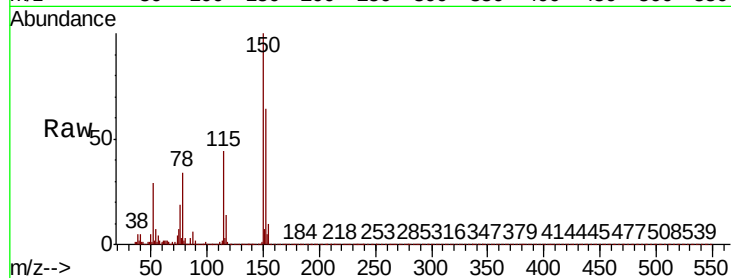
Tot Ion:152 Resp: 135410

Ion Ratio Lower Upper

152 100

150 157.3 120.6 181.0

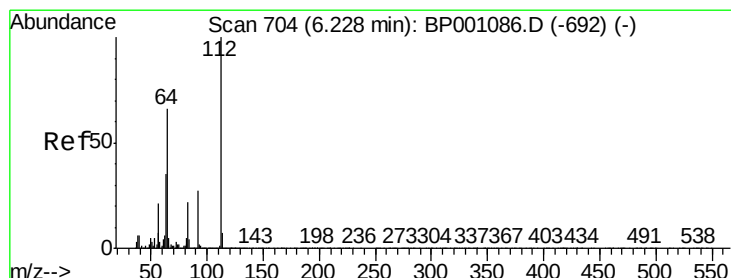
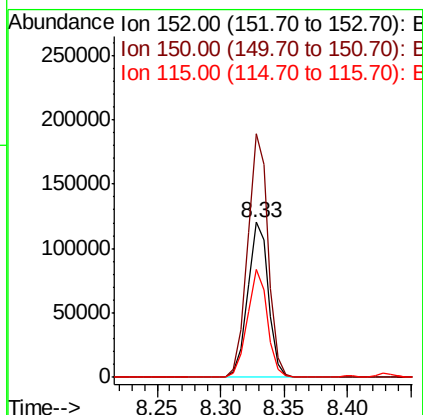
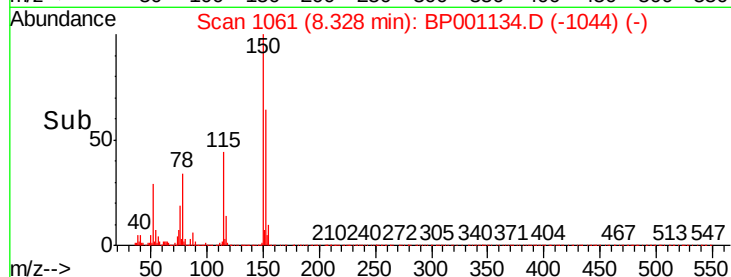
115 69.4 51.6 77.4



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: 140.635 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.02 min

Lab File: BP001134.D

Acq: 02 Dec 2019 19:13

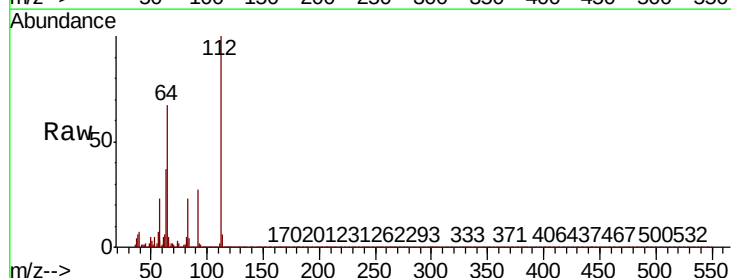
Tgt Ion:112 Resp: 1147823

Ion Ratio Lower Upper

112 100

64 66.9 52.8 79.2

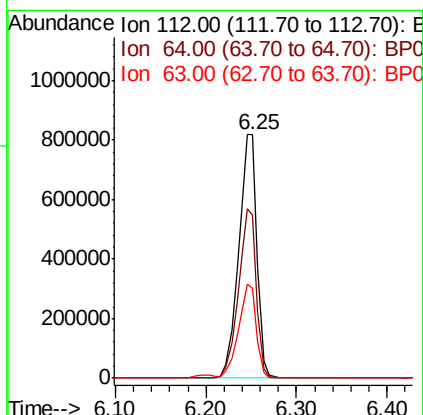
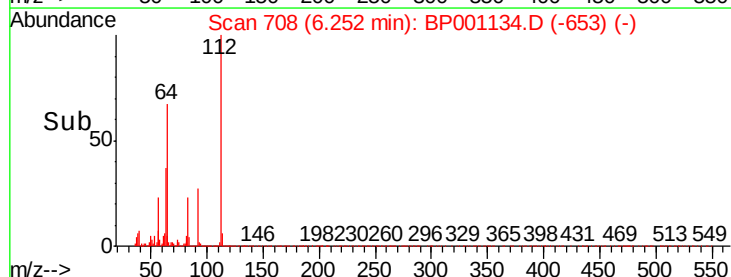
63 37.1 28.2 42.2

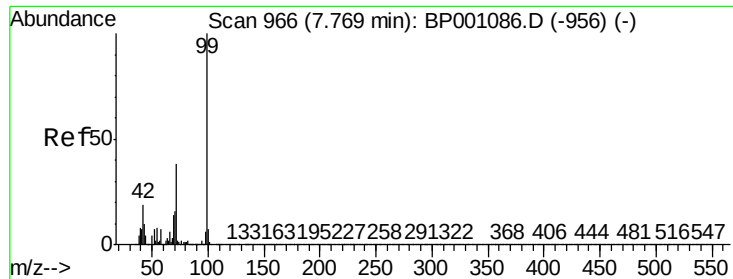


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 138.345 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BP001134.D

Acq: 02 Dec 2019 19:13

Instrument :

BNA_P

ClientSampled :

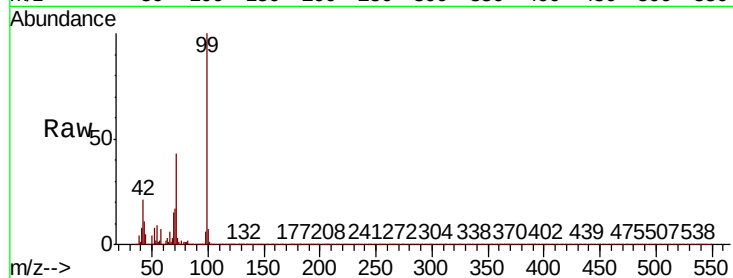
Tot Ion: 99 Resp: 1504285

Ion Ratio Lower Upper

99 100

42 21.2 15.4 23.0

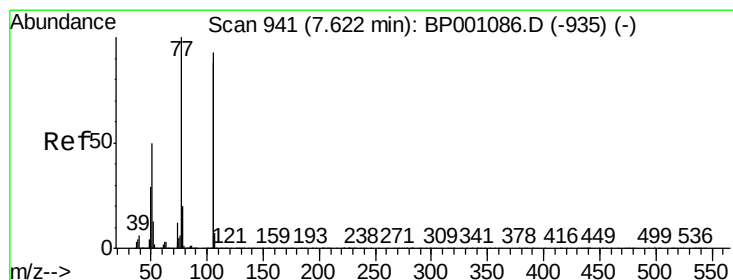
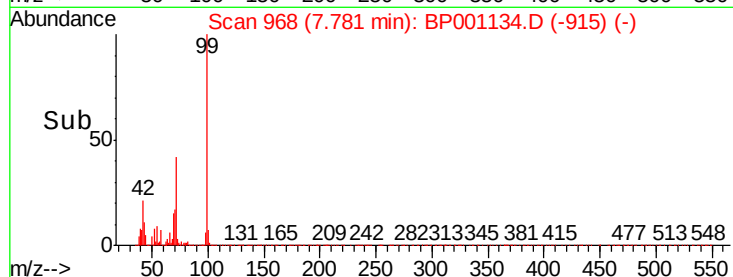
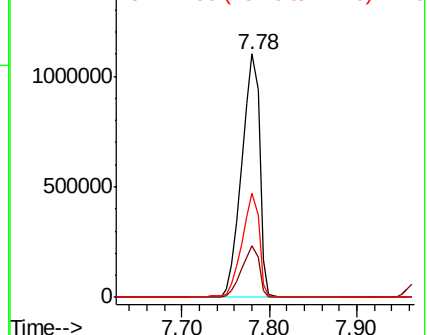
71 42.5 30.8 46.2



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: BP001134.D

Acq: 02 Dec 2019 19:13

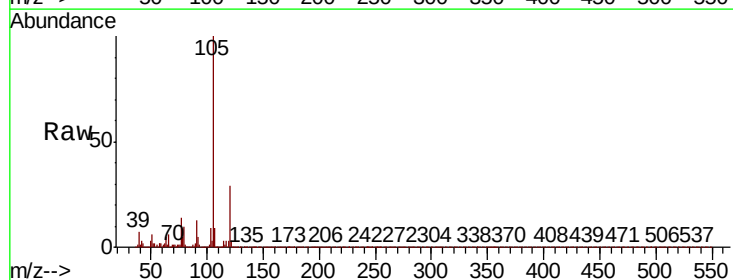
Tgt Ion: 77 Resp: 26906

Ion Ratio Lower Upper

77 100

105 712.5 72.5 112.5#

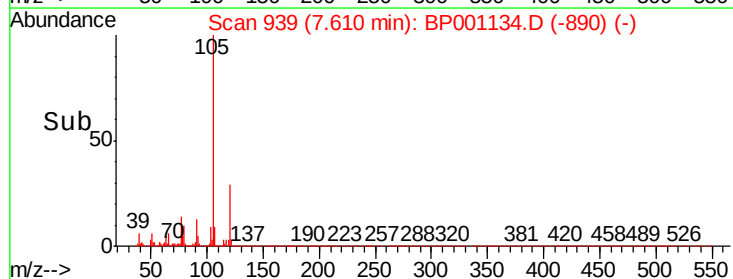
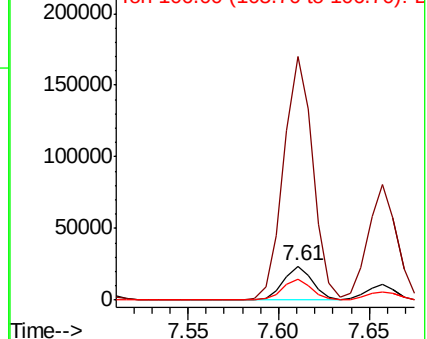
106 62.4 67.6 107.6#

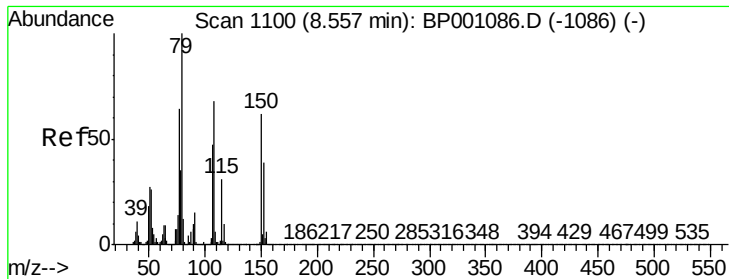


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

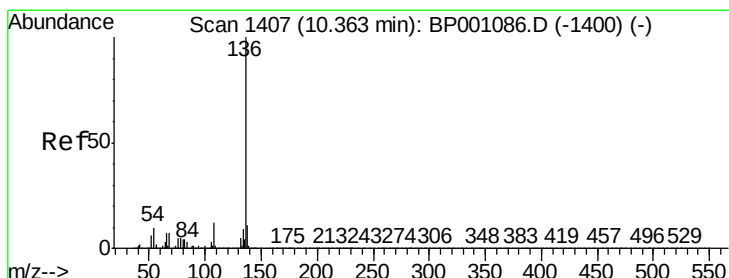
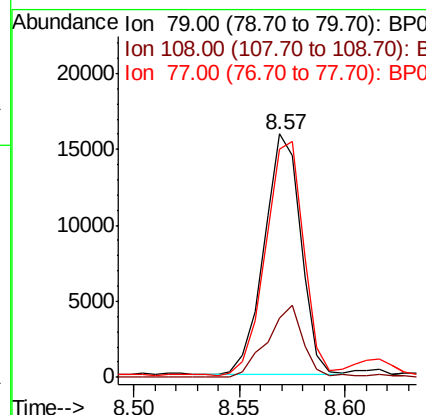
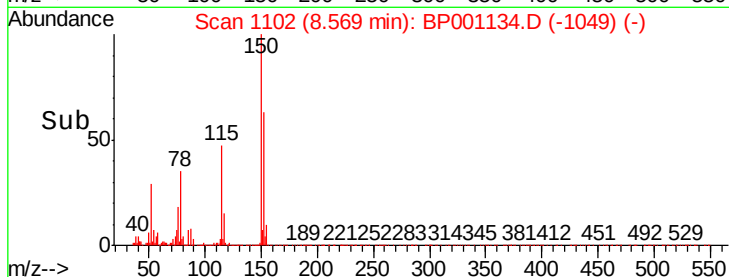
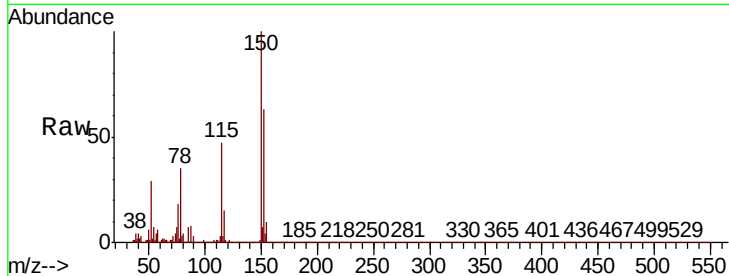




#15
Benzyl Alcohol
Concen: 2.149 ng
RT: 8.57 min Scan# 1102
Delta R.T. 0.01 min
Lab File: BP001134.D
Acq: 02 Dec 2019 19:13

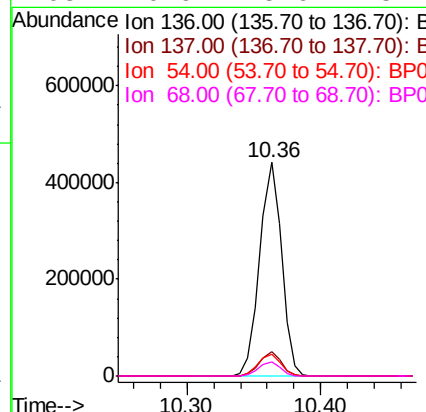
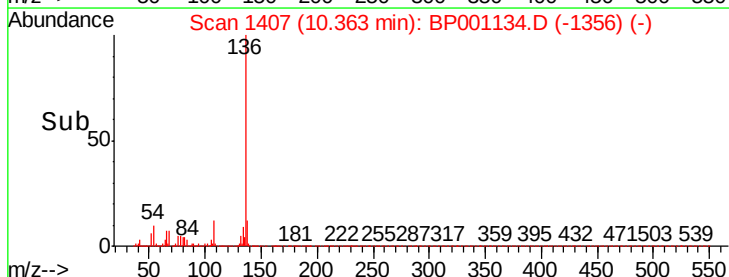
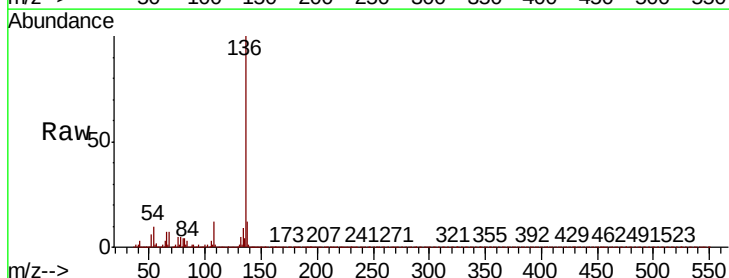
Instrument :
BNA_P
ClientSampleId :

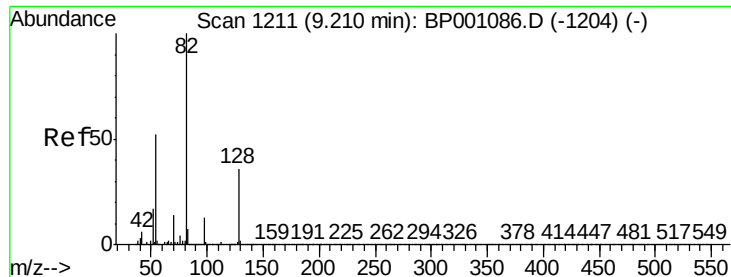
Tot Ion	Ratio	Lower	Upper
79	100		
108	24.6	54.8	82.2#
77	94.0	51.4	77.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BP001134.D
Acq: 02 Dec 2019 19:13

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.8	13.2
54	10.1	7.9	11.9
68	6.9	5.6	8.4

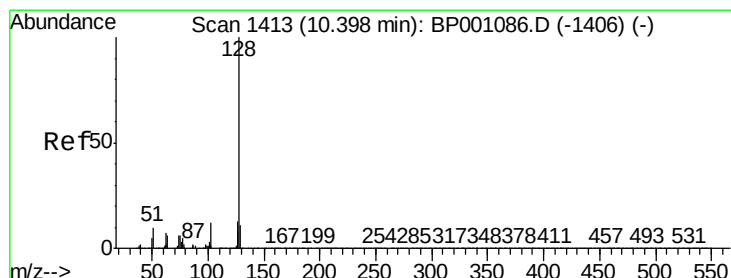
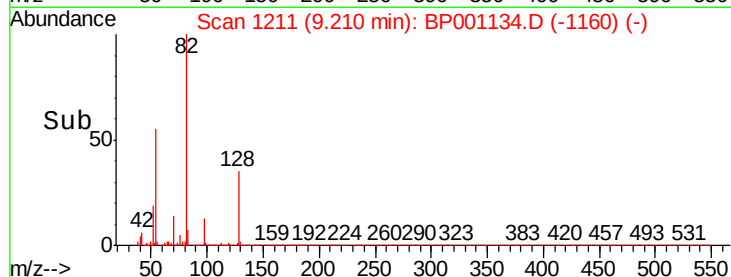
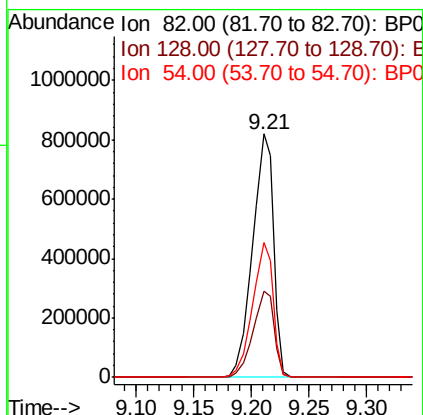
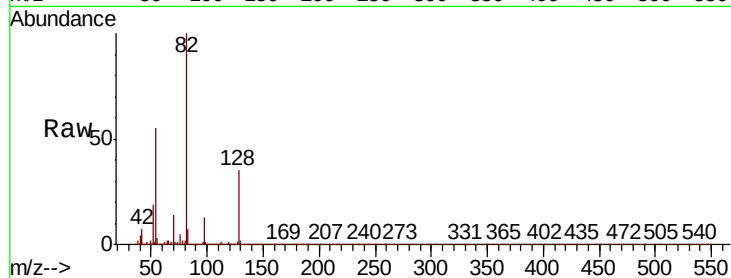




#23
 Nitrobenzene-d5
 Concen: 90.588 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BP001134.D
 Acq: 02 Dec 2019 19:13

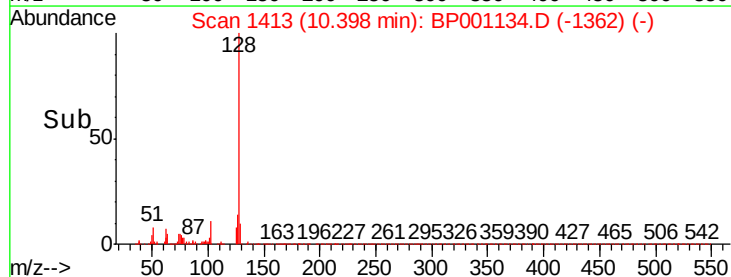
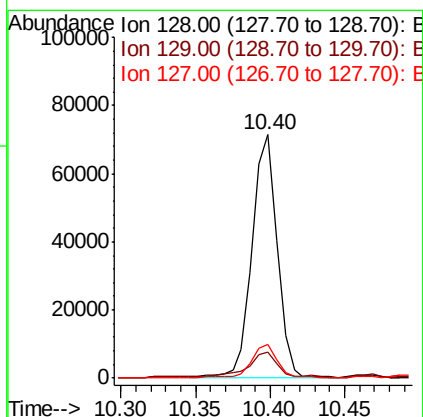
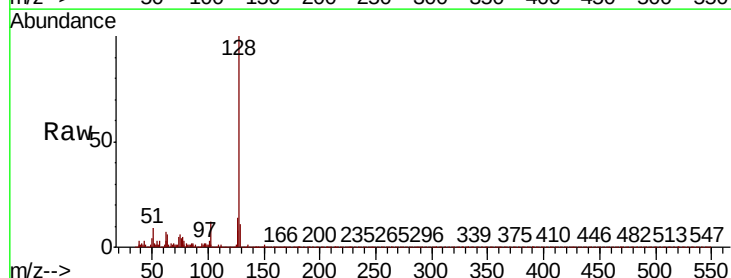
Instrument :
 BNA_P
 ClientSampleId :

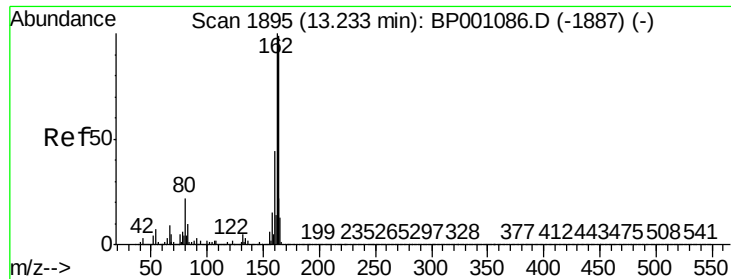
Tot Ion: 82 Resp: 1040048
 Ion Ratio Lower Upper
 82 100
 128 35.4 28.9 43.3
 54 55.3 41.9 62.9



#31
 Naphthalene
 Concen: 3.218 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BP001134.D
 Acq: 02 Dec 2019 19:13

Tgt Ion: 128 Resp: 81874
 Ion Ratio Lower Upper
 128 100
 129 10.6 8.8 13.2
 127 13.7 10.6 16.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.23 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BP001134.D

Acq: 02 Dec 2019 19:13

Instrument :

BNA_P

ClientSampleId :

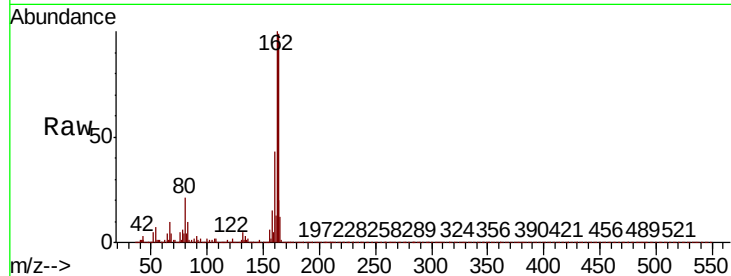
Tot Ion:164 Resp: 275020

Ion Ratio Lower Upper

164 100

162 101.3 80.6 120.8

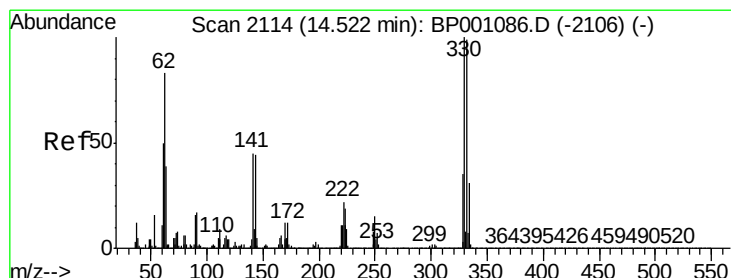
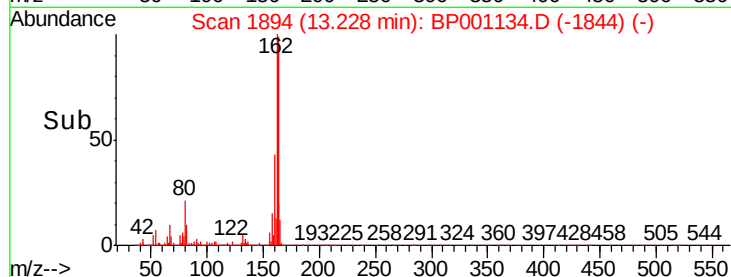
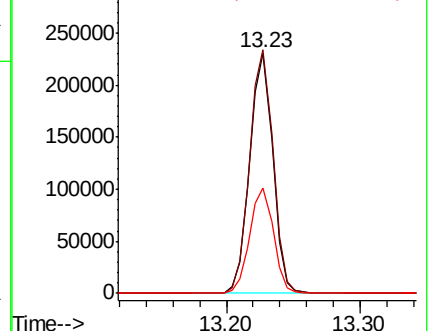
160 43.9 35.4 53.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 143.380 ng

RT: 14.52 min Scan# 2114

Delta R.T. 0.00 min

Lab File: BP001134.D

Acq: 02 Dec 2019 19:13

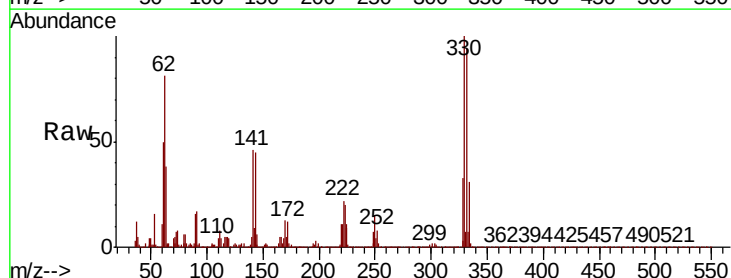
Tgt Ion:330 Resp: 377958

Ion Ratio Lower Upper

330 100

332 95.4 77.6 116.4

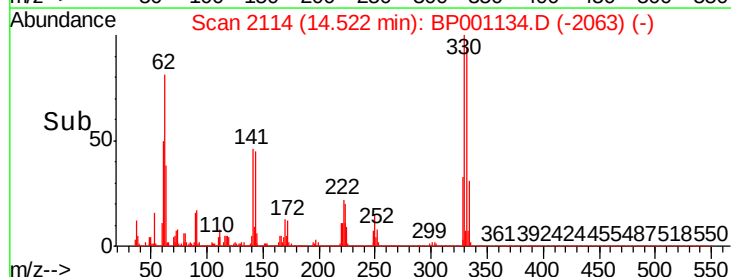
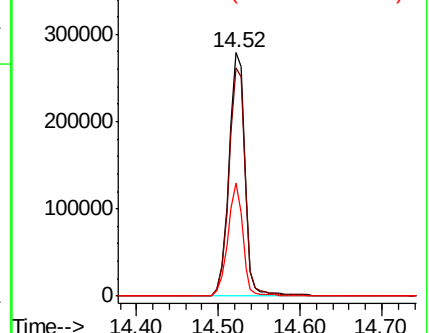
141 43.6 34.2 51.2

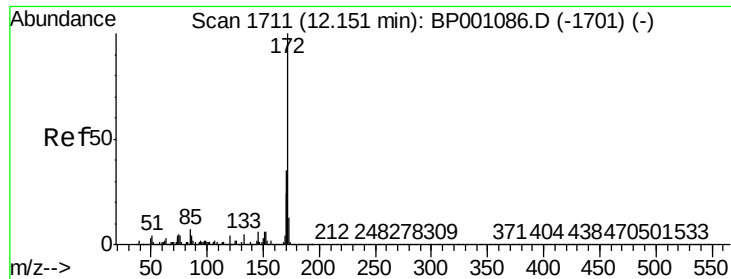


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

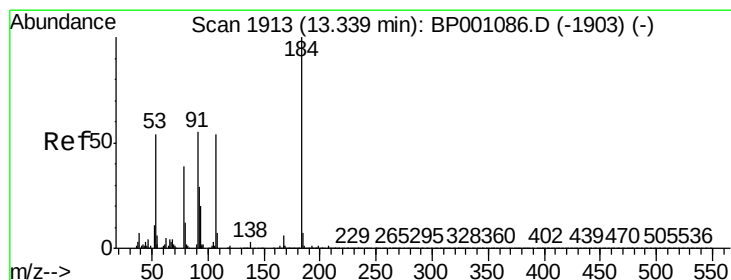
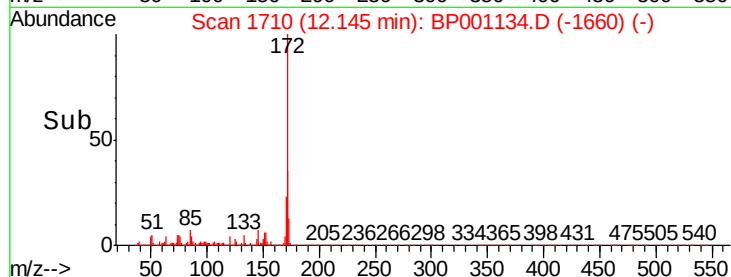
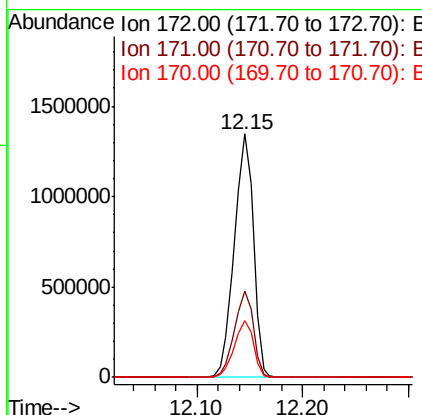
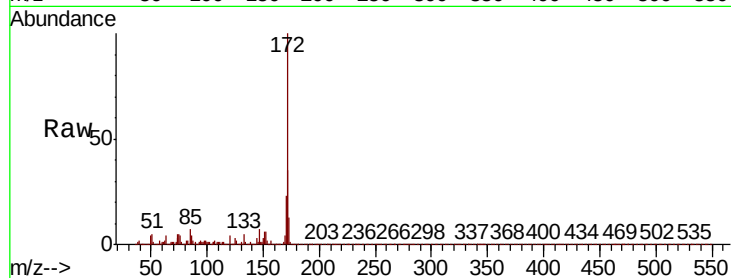




#45
2-Fluorobiphenyl
Concen: 88.867 ng
RT: 12.15 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP001134.D
Acq: 02 Dec 2019 19:13

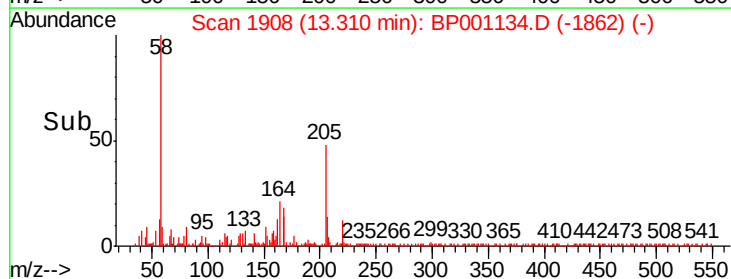
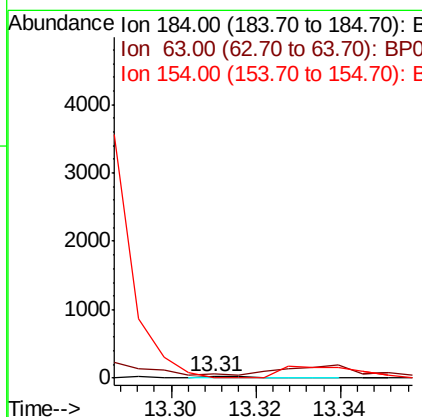
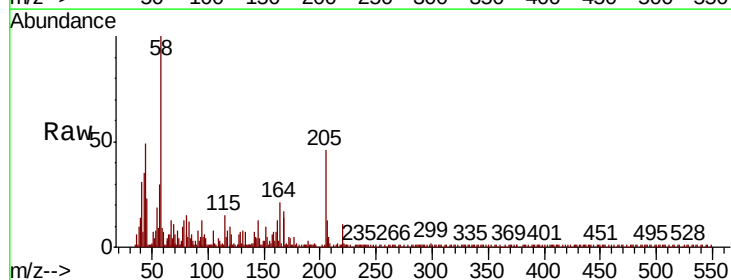
Instrument :
BNA_P
ClientSampleId :

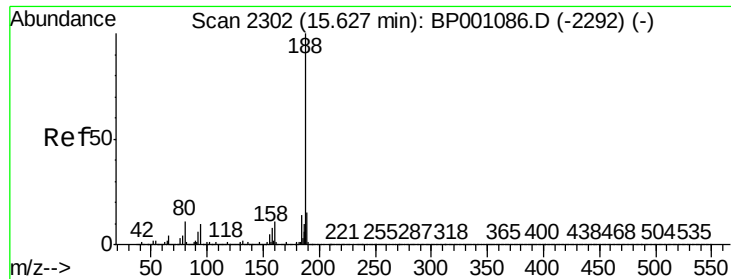
Tot Ion:172 Resp: 1669893
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 23.5 19.0 28.4



#54
2,4-Dinitrophenol
Concen: 7.122 ng
RT: 13.31 min Scan# 1908
Delta R.T. -0.03 min
Lab File: BP001134.D
Acq: 02 Dec 2019 19:13

Tgt Ion:184 Resp: 26
Ion Ratio Lower Upper
184 100
63 300.0 60.7 91.1#
154 322.2 56.2 84.2#

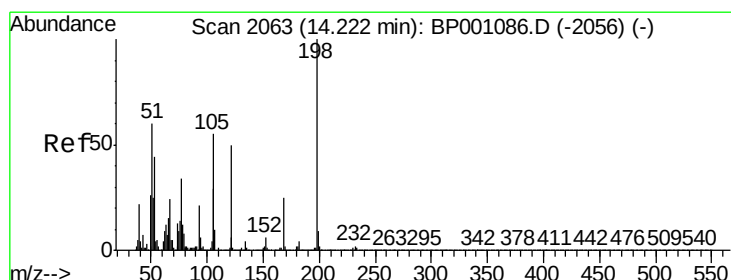
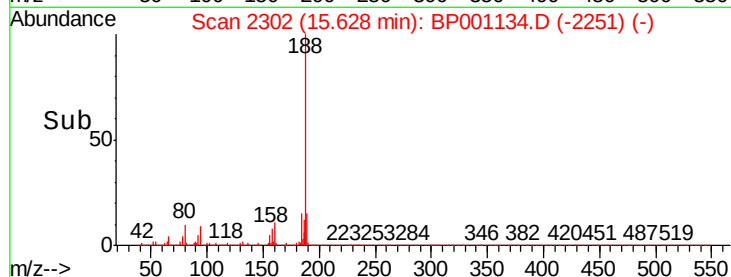
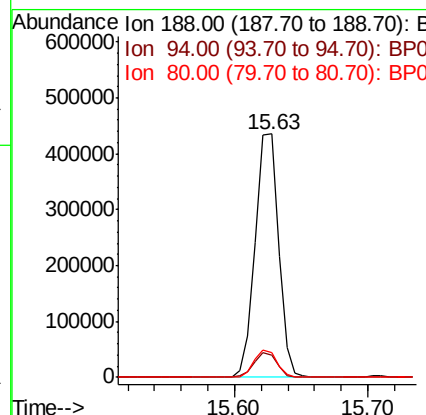
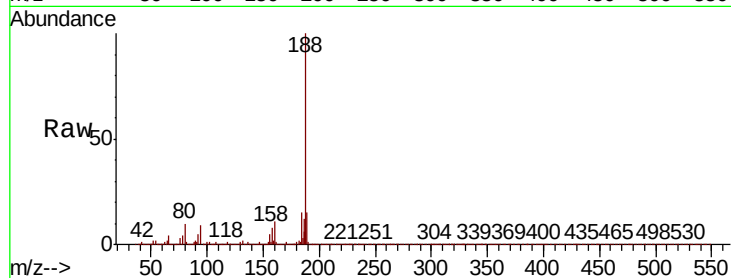




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.00 min
Lab File: BP001134.D
Acq: 02 Dec 2019 19:13

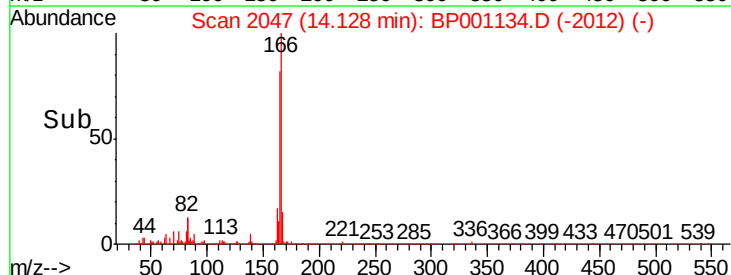
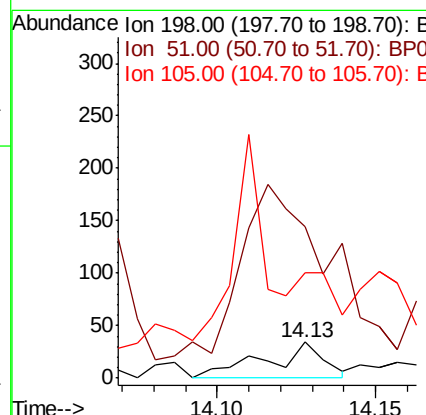
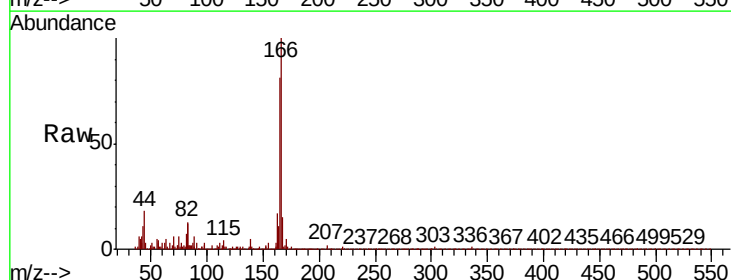
Instrument :
BNA_P
ClientSampled :

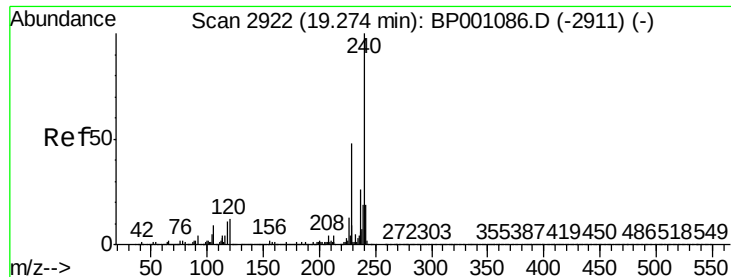
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.9	11.9
80	10.3	8.8	13.2



#65
4,6-Dinitro-2-methylphenol
Concen: 6.293 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.09 min
Lab File: BP001134.D
Acq: 02 Dec 2019 19:13

Tgt Ion	Ratio	Lower	Upper
198	100		
51	423.5	40.5	80.5#
105	294.1	35.7	75.7#

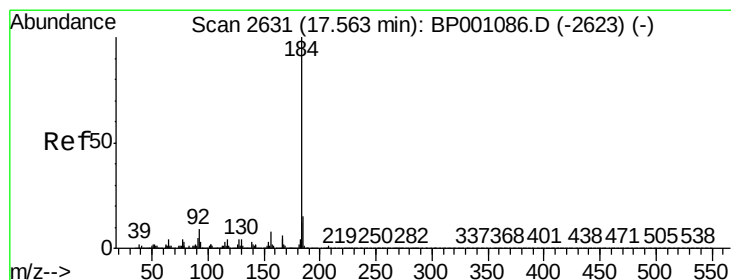
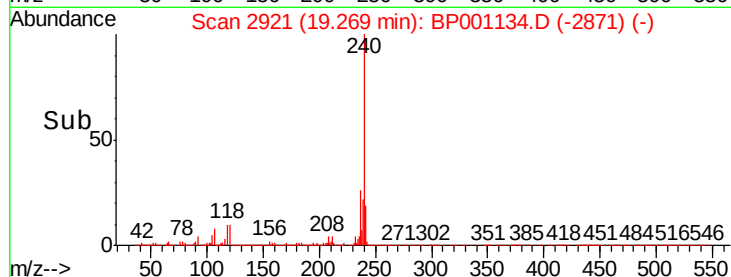
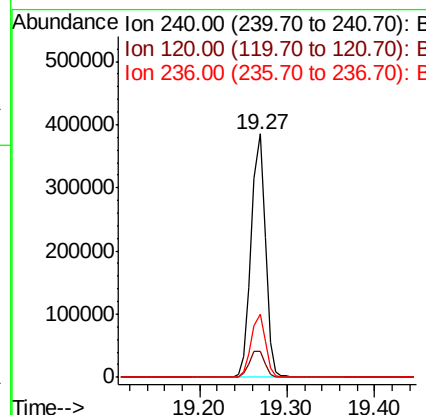
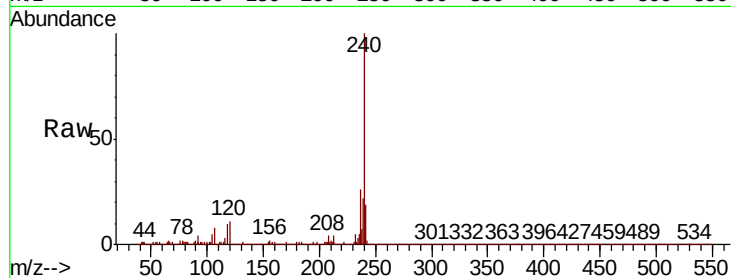




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 19.27 min Scan# 2921
 Delta R.T. -0.01 min
 Lab File: BP001134.D
 Acq: 02 Dec 2019 19:13

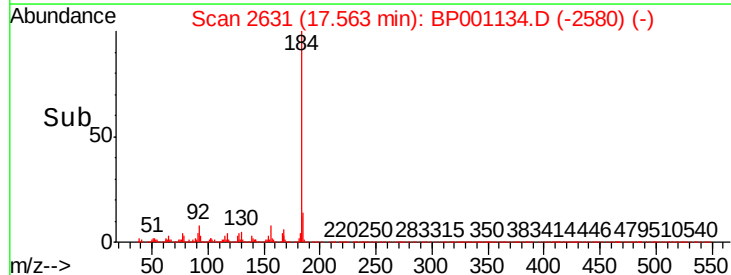
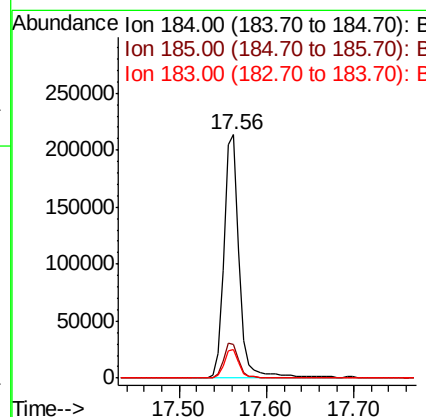
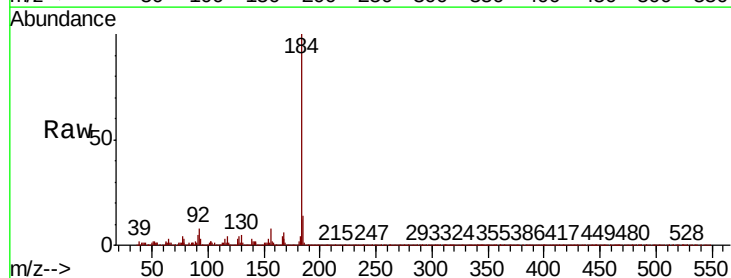
Instrument :
 BNA_P
 ClientSampled :

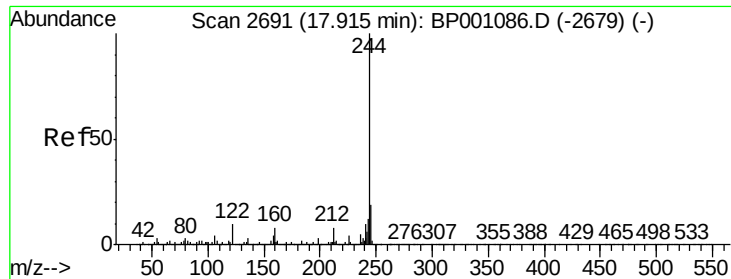
Tot Ion:240 Resp: 416252
 Ion Ratio Lower Upper
 240 100
 120 10.5 9.5 14.3
 236 25.8 20.4 30.6



#77
 Benzidine
 Concen: 24.046 ng
 RT: 17.56 min Scan# 2631
 Delta R.T. 0.00 min
 Lab File: BP001134.D
 Acq: 02 Dec 2019 19:13

Tgt Ion:184 Resp: 258431
 Ion Ratio Lower Upper
 184 100
 185 14.0 12.2 18.4
 183 11.6 9.3 13.9

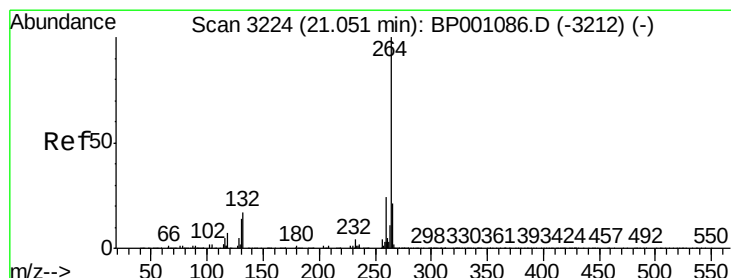
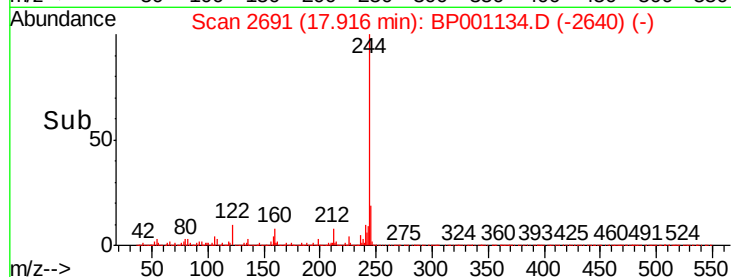
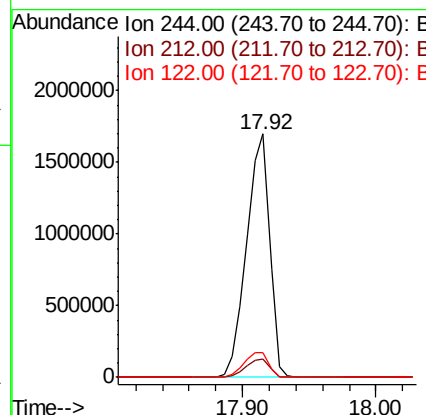
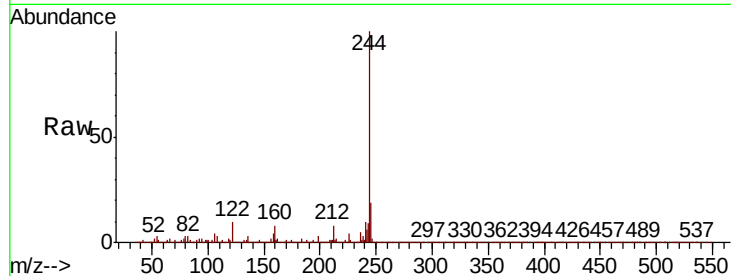




#79
 Terphenyl-d14
 Concen: 89.589 ng
 RT: 17.92 min Scan# 2691
 Delta R.T. 0.00 min
 Lab File: BP001134.D
 Acq: 02 Dec 2019 19:13

Instrument :
 BNA_P
 ClientSampled :

Tot Ion:244 Resp: 2015655
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 10.3 8.2 12.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 21.05 min Scan# 3224
 Delta R.T. 0.00 min
 Lab File: BP001134.D
 Acq: 02 Dec 2019 19:13

Tgt Ion:264 Resp: 450546
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.8 28.2
 265 21.0 16.9 25.3

