

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
 Data File : BP001102.D
 Acq On : 28 Nov 2019 02:05
 Operator : JU
 Sample : K6002-04 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 28 03:02:49 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	185293	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	748360	20.00	ng	0.00
39) Acenaphthene-d10	13.23	164	452602	20.00	ng	0.00
64) Phenanthrene-d10	15.62	188	844879	20.00	ng	0.00
76) Chrysene-d12	19.27	240	555694	20.00	ng	0.00
87) Perylene-d12	21.05	264	571820	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.25	112	414712	37.13	ng	0.02
7) Phenol-d6	7.77	99	556179	37.38	ng	0.00
23) Nitrobenzene-d5	9.21	82	746342	43.27	ng	0.00
42) 2,4,6-Tribromophenol	14.52	330	309733	71.40	ng	0.00
45) 2-Fluorobiphenyl	12.15	172	1354348	43.80	ng	0.00
79) Terphenyl-d14	17.91	244	1508633	50.23	ng	0.00

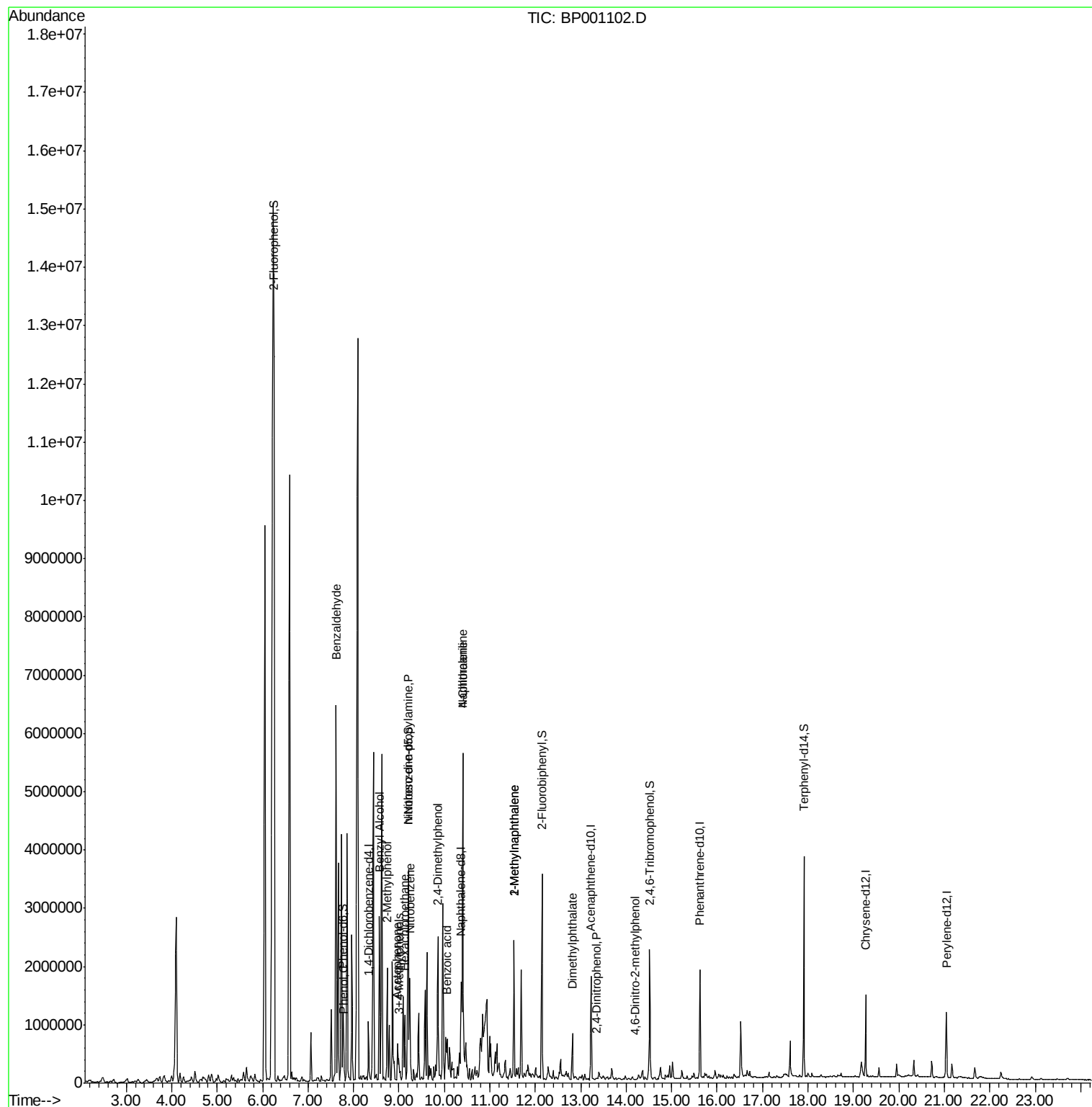
Target Compounds				Qvalue		
9) Benzaldehyde	7.62	77	439934	52.131	ng	# 1
10) Phenol	7.79	94	107742	6.366	ng	# 86
15) Benzyl Alcohol	8.57	79	34606	2.833	ng	# 62
17) 2-Methylphenol	8.75	107	75407	7.114	ng	# 72
18) Hexachloroethane	9.13	117	45066	7.896	ng	# 1
19) n-Nitroso-di-n-propylamine	9.21	70	101790	9.481	ng	# 82
20) 3+4-Methylphenols	9.00	107	132463	9.914	ng	# 92
22) Acetophenone	8.97	105	290964	13.228	ng	# 59
24) Nitrobenzene	9.24	77	48710	2.840	ng	# 1
27) 2,4-Dimethylphenol	9.85	122	217007	21.806	ng	# 97
31) Naphthalene	10.40	128	3193949	83.566	ng	# 100
32) Benzoic acid	10.06	122	184930	25.704	ng	# 10
33) 4-Chloroaniline	10.40	127	435402	26.251	ng	# 32
37) 2-Methylnaphthalene	11.53	142	791045	30.331	ng	# 99
38) 1-Methylnaphthalene	11.53	142	791045	32.109	ng	# 97
50) Dimethylphthalate	12.82	163	377776	11.160	ng	# 99
54) 2,4-Dinitrophenol	13.35	184	42	7.122	ng	# 1
65) 4,6-Dinitro-2-methylphenol	14.20	198	39	6.286	ng	# 1

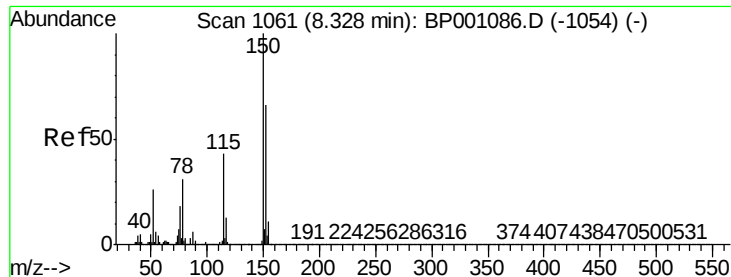
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BP001102.D

Acq: 28 Nov 2019 02:05

Instrument :

BNA_P

ClientSampleId :

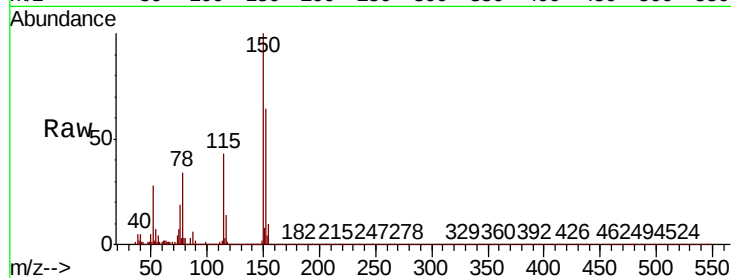
Tot Ion:152 Resp: 185293

Ion Ratio Lower Upper

152 100

150 155.5 120.6 181.0

115 67.3 51.6 77.4

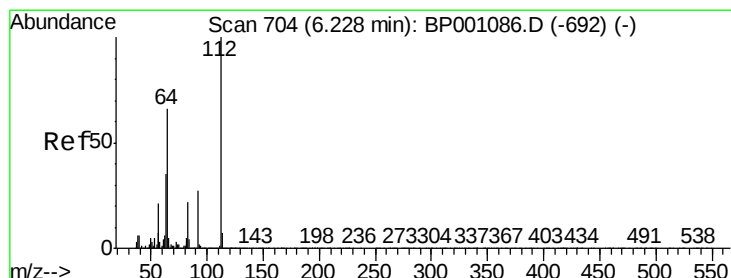
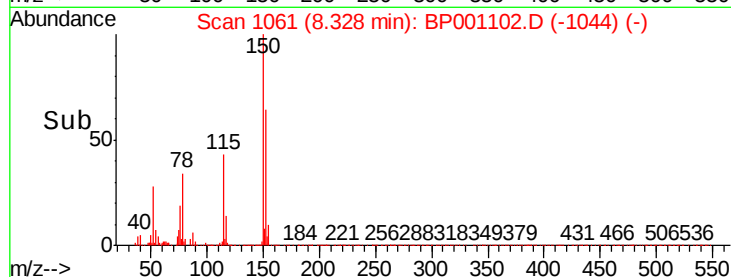
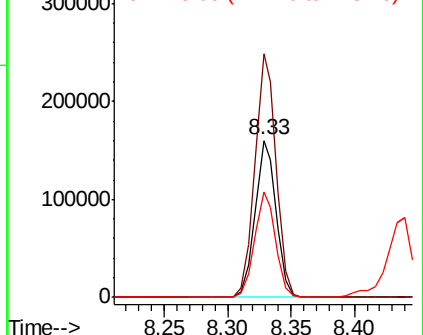


Abundance

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: 37.133 ng

RT: 6.25 min Scan# 707

Delta R.T. 0.02 min

Lab File: BP001102.D

Acq: 28 Nov 2019 02:05

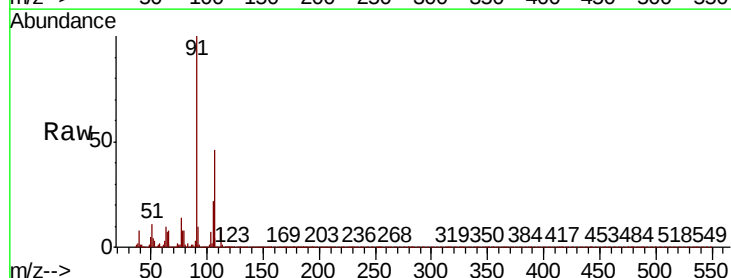
Tgt Ion:112 Resp: 414712

Ion Ratio Lower Upper

112 100

64 80.1 52.8 79.2#

63 111.9 28.2 42.2#

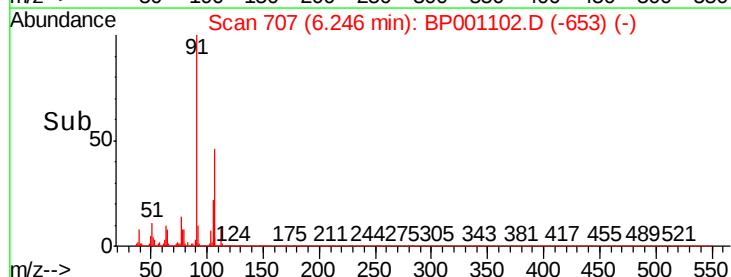
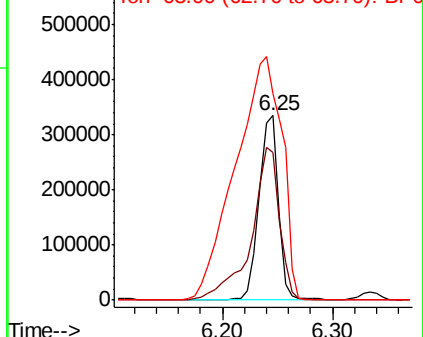


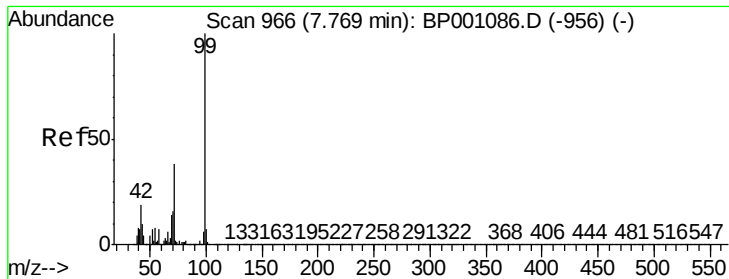
Abundance

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: 37.380 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BP001102.D

Acq: 28 Nov 2019 02:05

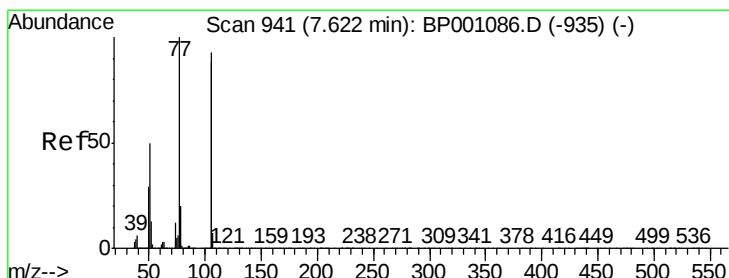
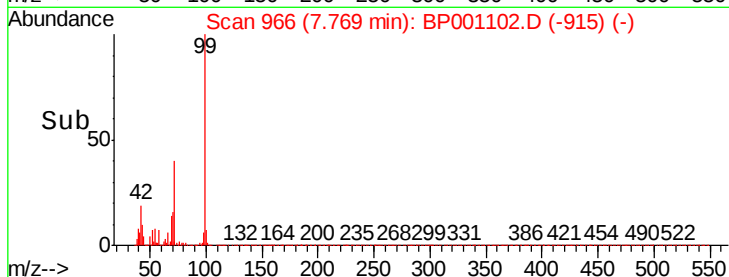
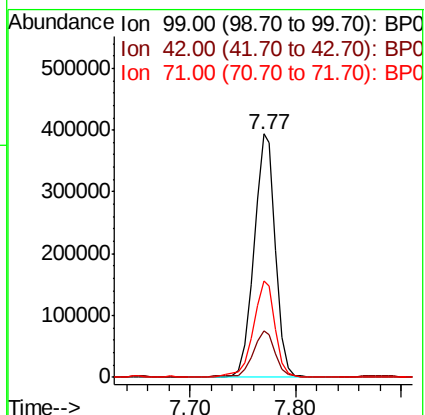
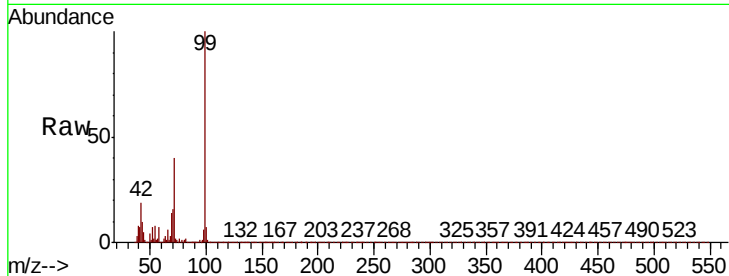
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 556179

Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.4	23.0
71	39.8	30.8	46.2



#9

Benzaldehyde

Concen: 52.131 ng

RT: 7.62 min Scan# 940

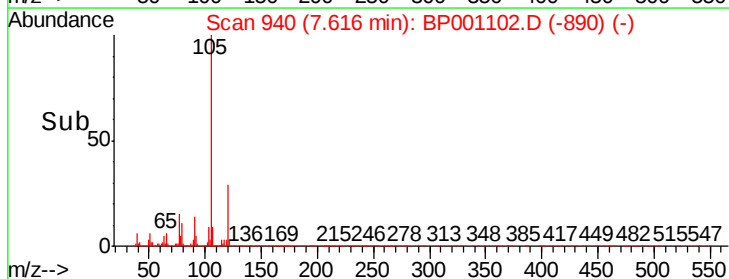
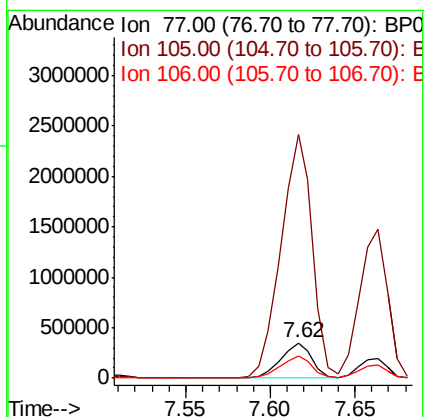
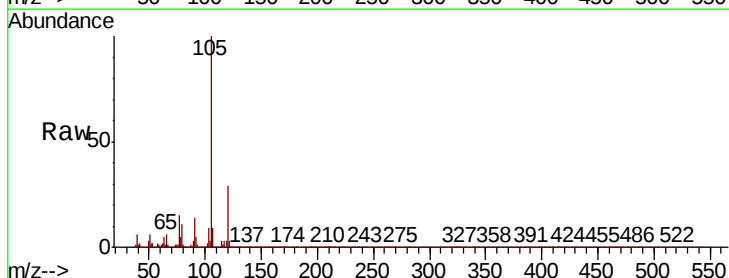
Delta R.T. -0.00 min

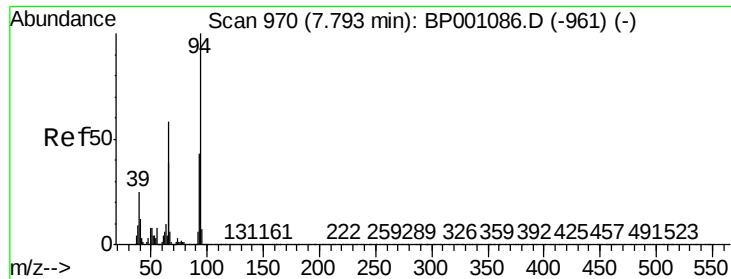
Lab File: BP001102.D

Acq: 28 Nov 2019 02:05

Tgt Ion: 77 Resp: 439934

Ion	Ratio	Lower	Upper
77	100		
105	687.7	72.5	112.5#
106	61.5	67.6	107.6#





#10

Phenol

Concen: 6.366 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BP001102.D

Acq: 28 Nov 2019 02:05

Instrument :

BNA_P

ClientSampleId :

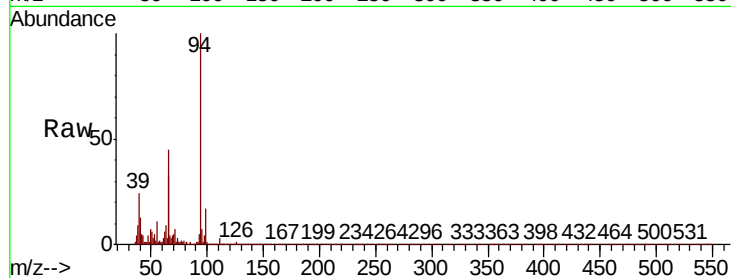
Tot Ion: 94 Resp: 107742

Ion Ratio Lower Upper

94 100

65 32.8 18.6 58.6

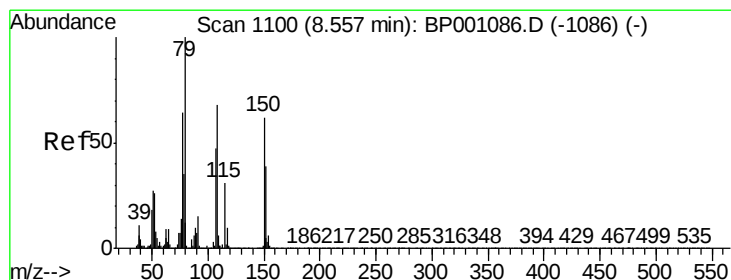
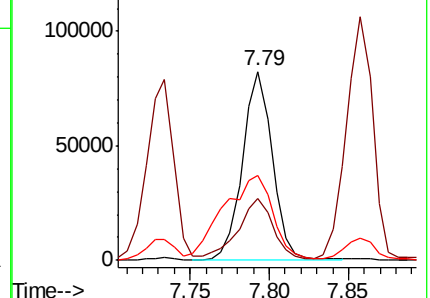
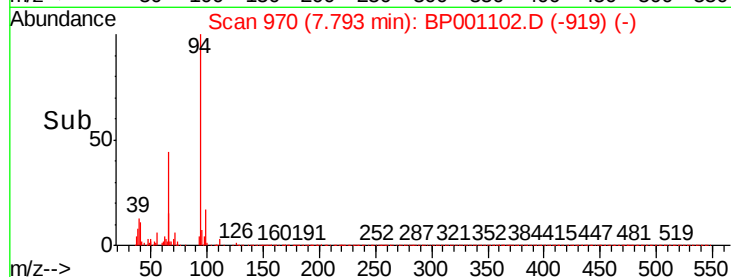
66 44.6 37.6 77.6



Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0



#15

Benzyl Alcohol

Concen: 2.833 ng

RT: 8.57 min Scan# 1102

Delta R.T. 0.01 min

Lab File: BP001102.D

Acq: 28 Nov 2019 02:05

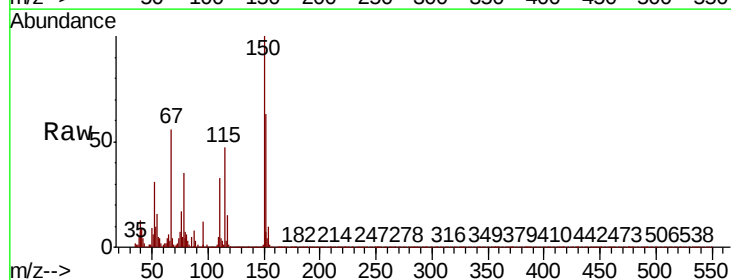
Tgt Ion: 79 Resp: 34606

Ion Ratio Lower Upper

79 100

108 12.6 54.8 82.2#

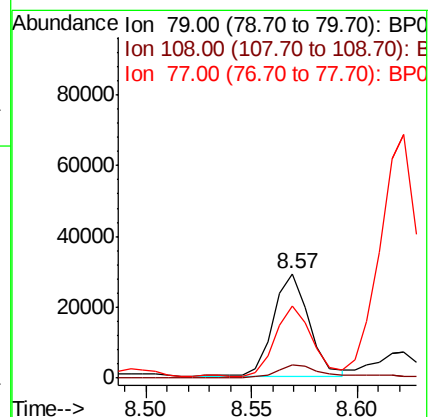
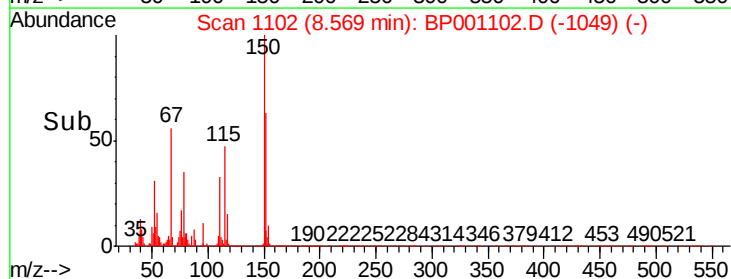
77 68.9 51.4 77.2

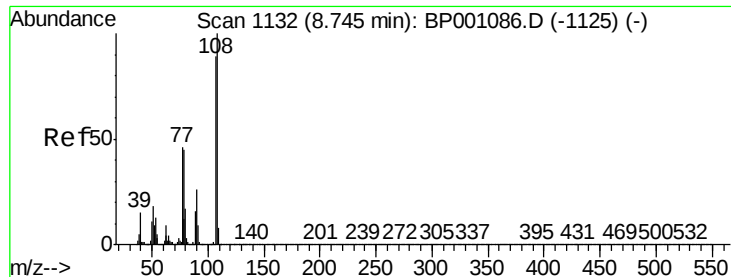


Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

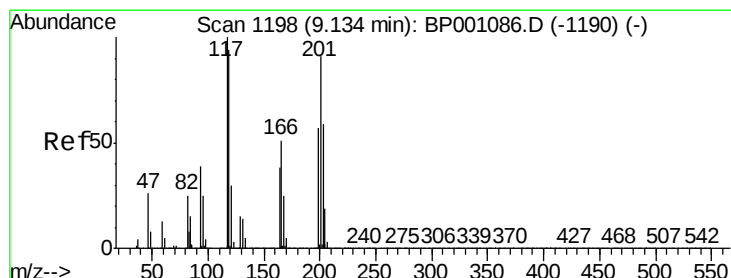
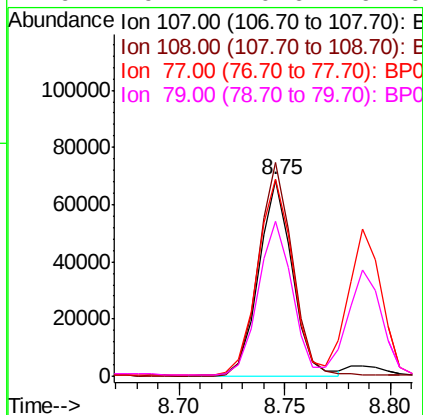
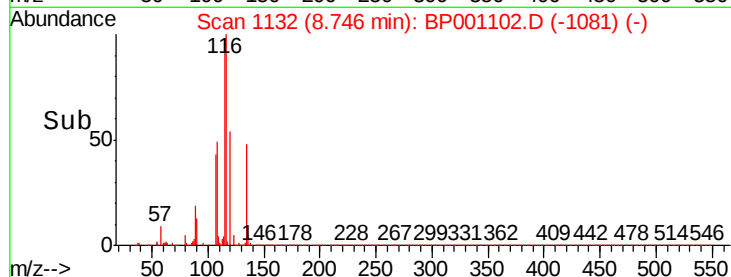
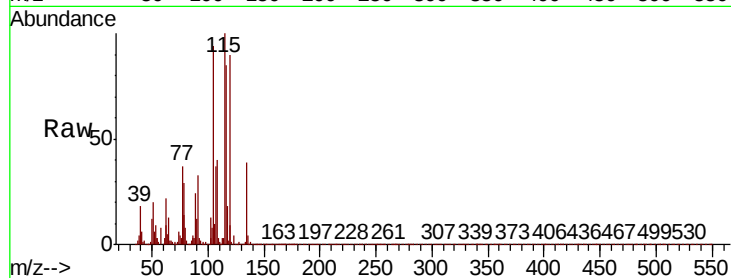




#17
2-Methylphenol
Concen: 7.114 ng
RT: 8.75 min Scan# 1132
Delta R.T. 0.00 min
Lab File: BP001102.D
Acq: 28 Nov 2019 02:05

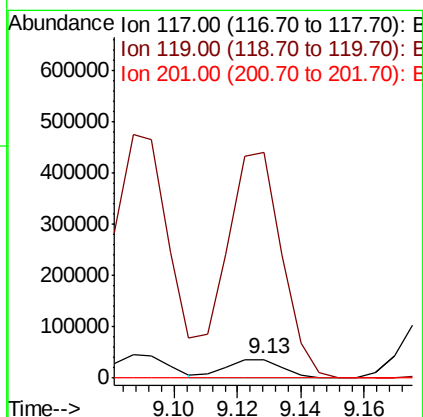
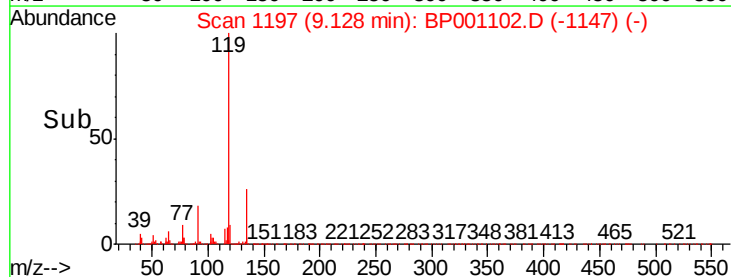
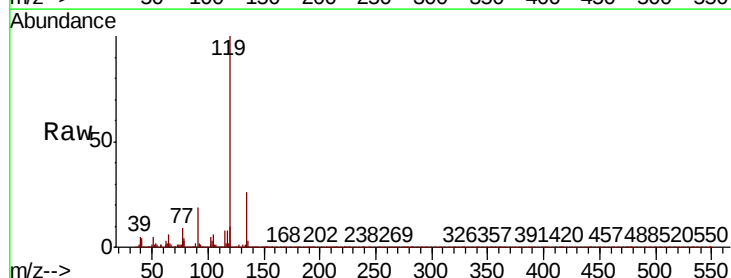
Instrument :
BNA_P
ClientSampleId :

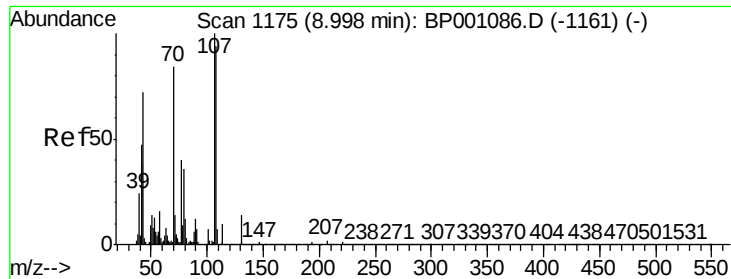
Tot Ion	Ratio	Lower	Upper
107	100		
108	108.9	89.8	134.6
77	100.8	41.4	62.2#
79	79.2	40.6	61.0#



#18
Hexachloroethane
Concen: 7.896 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BP001102.D
Acq: 28 Nov 2019 02:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	1195.2	75.2	112.8#
201	0.0	72.5	108.7#

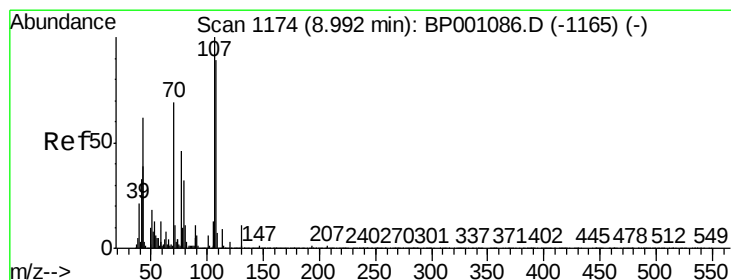
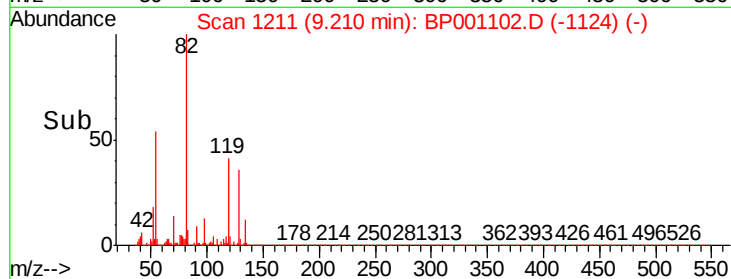
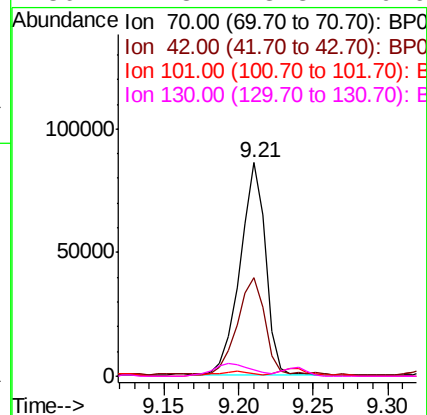
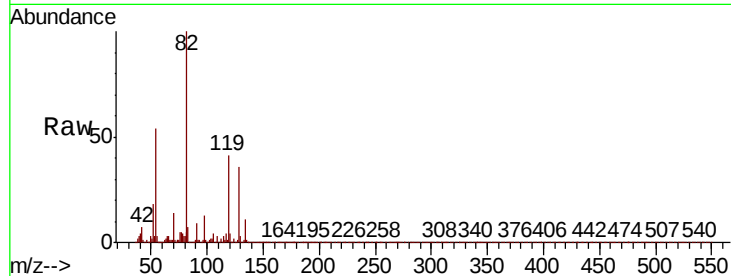




#19
n-Nitroso-di-n-propylamine
Concen: 9.481 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.21 min
Lab File: BP001102.D
Acq: 28 Nov 2019 02:05

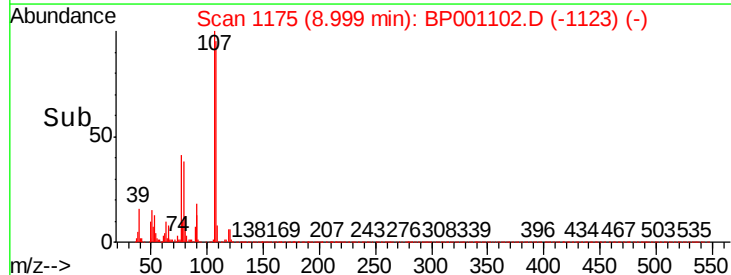
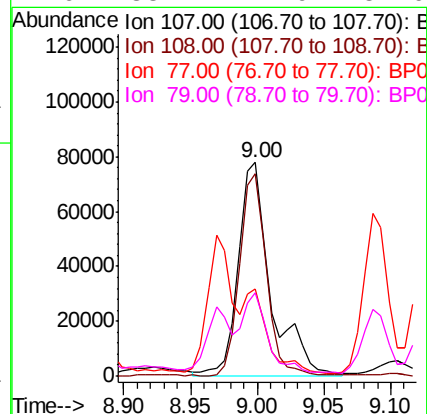
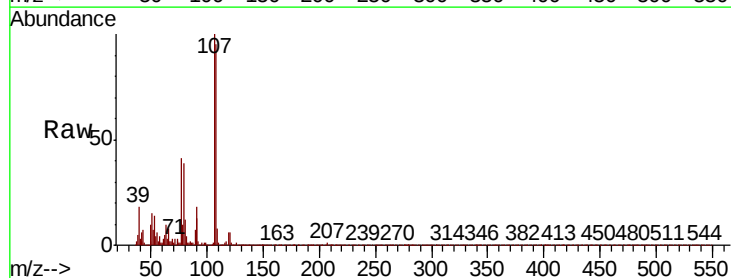
Instrument :
BNA_P
ClientSampled :

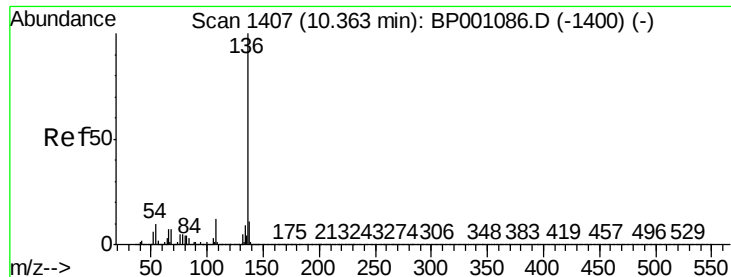
Tot Ion:	70	Resp:	101790
Ion	Ratio	Lower	Upper
70	100		
42	46.1	44.6	66.8
101	1.2	7.1	10.7#
130	2.8	13.8	20.6#



#20
3+4-Methylphenols
Concen: 9.914 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BP001102.D
Acq: 28 Nov 2019 02:05

Tgt Ion:	107	Resp:	132463
Ion	Ratio	Lower	Upper
107	100		
108	94.7	68.9	108.9
77	40.9	25.9	65.9
79	38.7	11.9	51.9

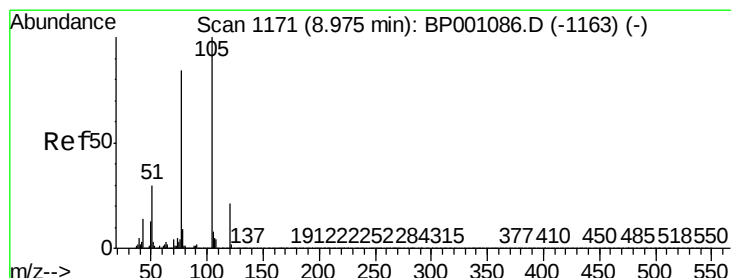
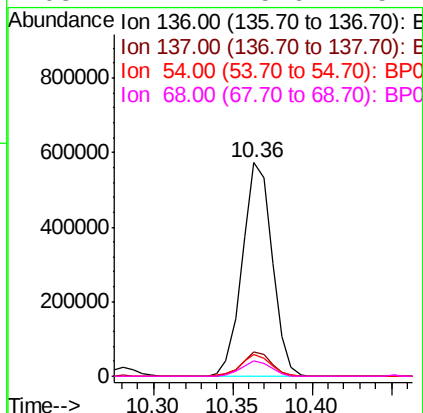
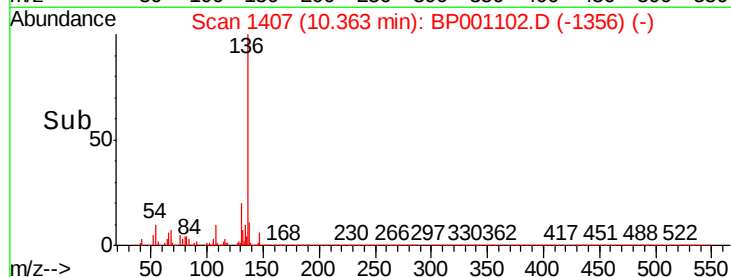
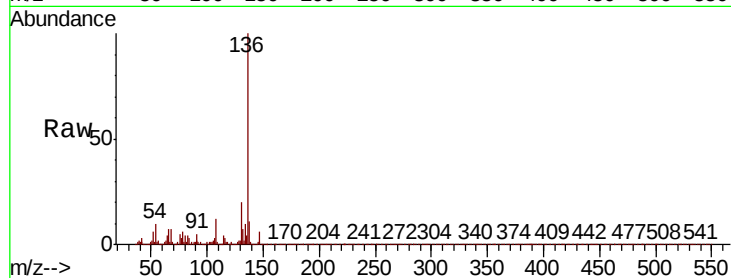




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BP001102.D
Acq: 28 Nov 2019 02:05

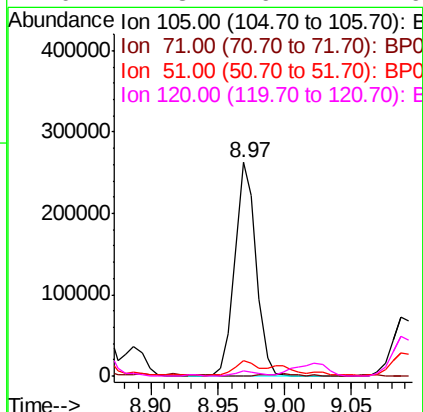
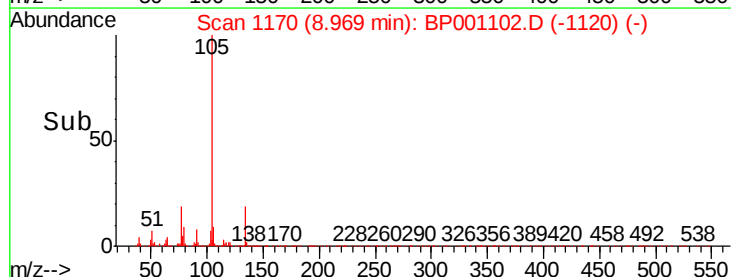
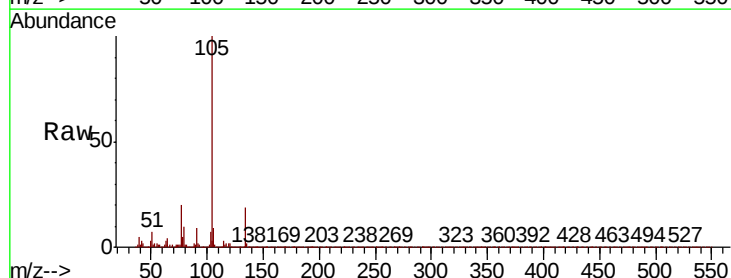
Instrument :
BNA_P
ClientSampleId :

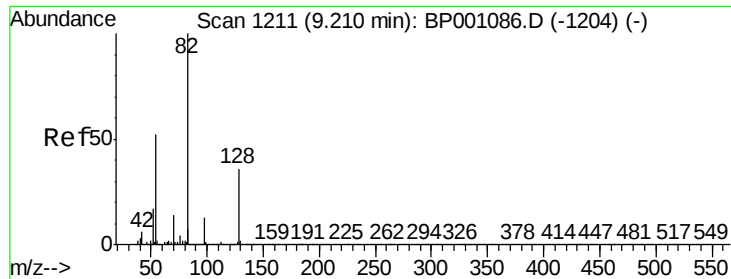
Tot Ion:136	Resp:	748360	
Ion Ratio	Lower	Upper	
136 100			
137 11.3	8.8	13.2	
54 10.3	7.9	11.9	
68 7.1	5.6	8.4	



#22
Acetophenone
Concen: 13.228 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BP001102.D
Acq: 28 Nov 2019 02:05

Tgt	Ion:105	Resp:	290964
Ion	Ratio	Lower	Upper
105	100		
71	0.2	0.5	0.7#
51	7.0	24.2	36.4#
120	2.3	16.4	24.6#

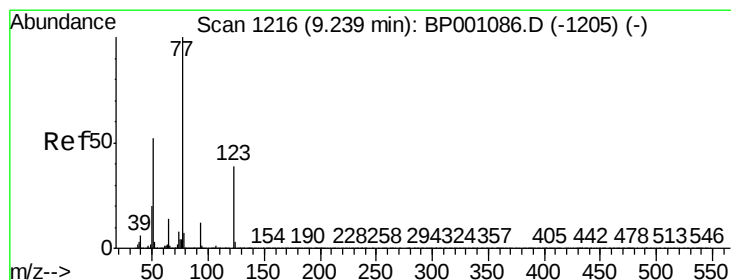
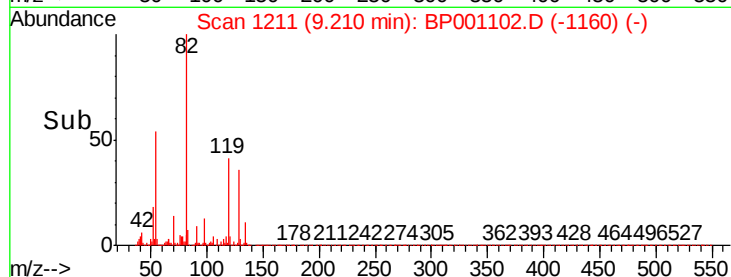
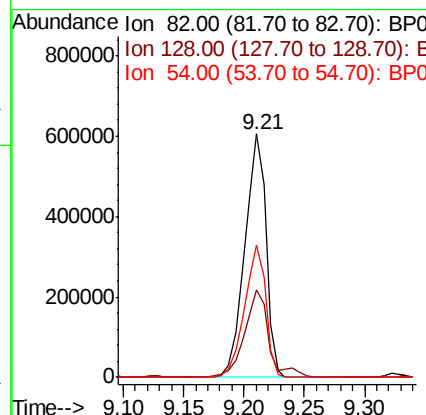
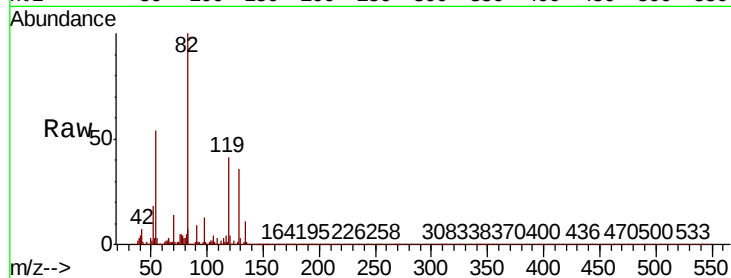




#23
Nitrobenzene-d5
Concen: 43.269 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BP001102.D
Acq: 28 Nov 2019 02:05

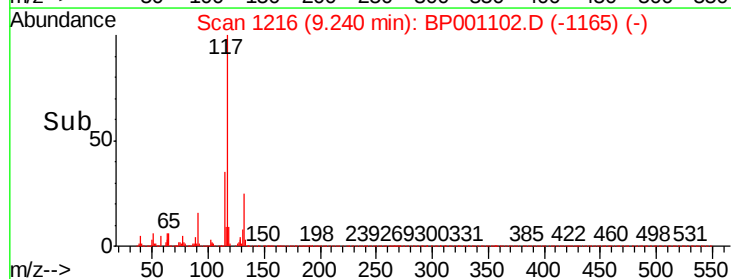
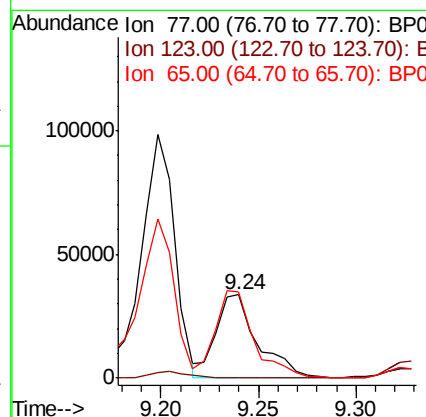
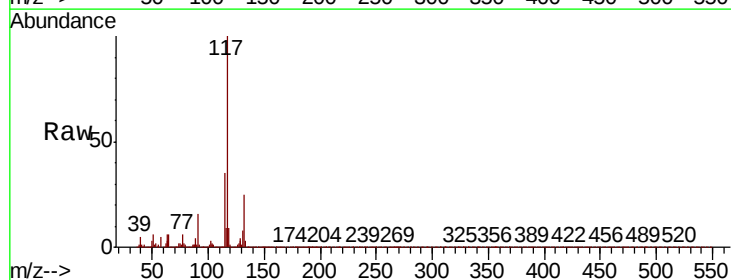
Instrument :
BNA_P
ClientSampleId :

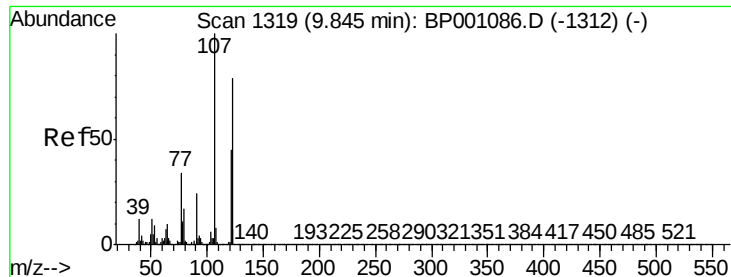
Tot Ion	Ratio	Lower	Upper
82	100		
128	35.8	28.9	43.3
54	54.2	41.9	62.9



#24
Nitrobenzene
Concen: 2.840 ng
RT: 9.24 min Scan# 1216
Delta R.T. 0.00 min
Lab File: BP001102.D
Acq: 28 Nov 2019 02:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.9	31.0	46.4#
65	103.3	11.0	16.6#

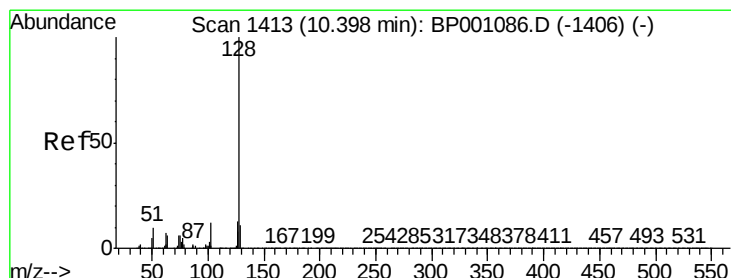
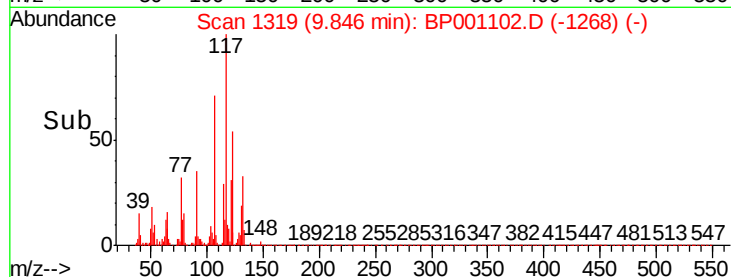
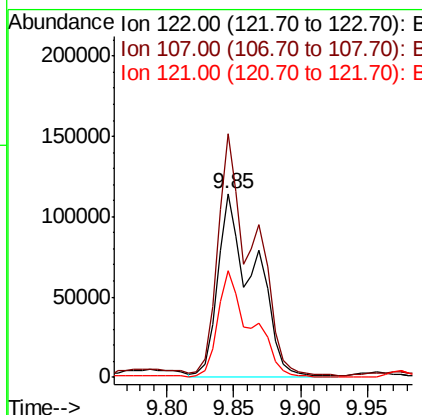
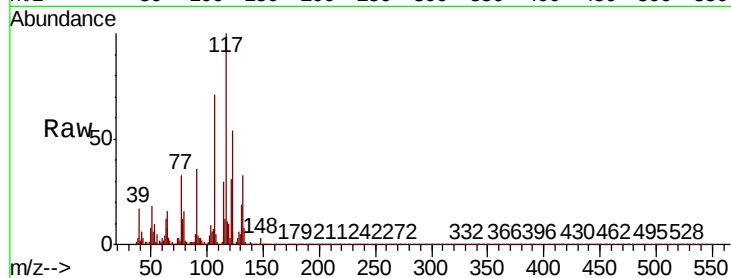




#27
2,4-Dimethylphenol
Concen: 21.806 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BP001102.D
Acq: 28 Nov 2019 02:05

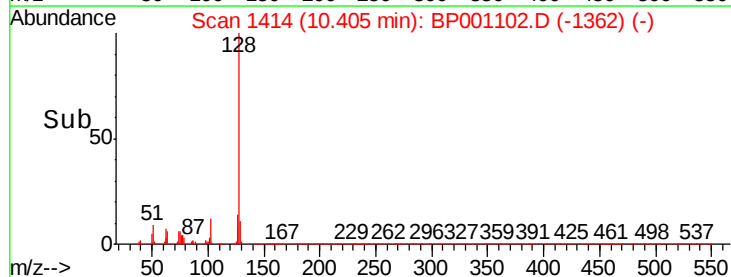
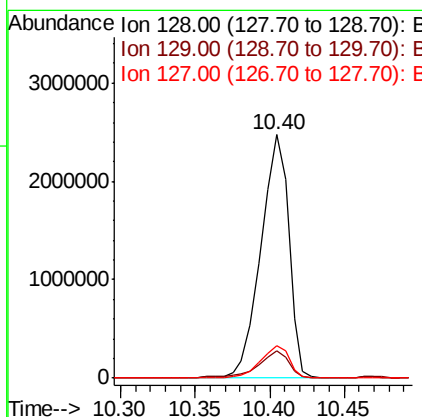
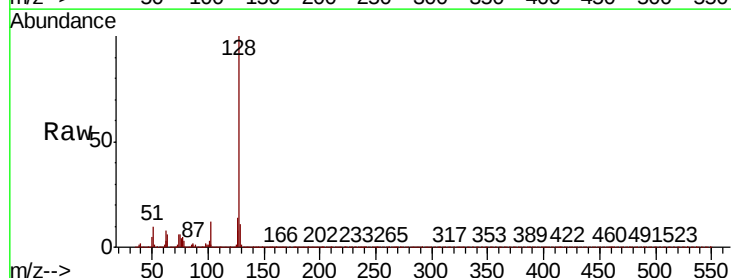
Instrument :
BNA_P
ClientSampleId :

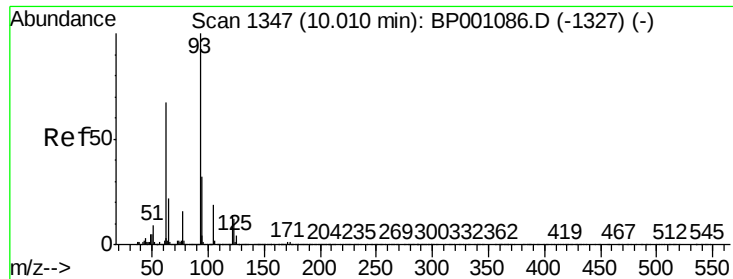
Tot Ion	Ratio	Lower	Upper
122	100		
107	132.5	101.9	152.9
121	57.8	46.1	69.1



#31
Naphthalene
Concen: 83.566 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BP001102.D
Acq: 28 Nov 2019 02:05

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.6	10.6	16.0

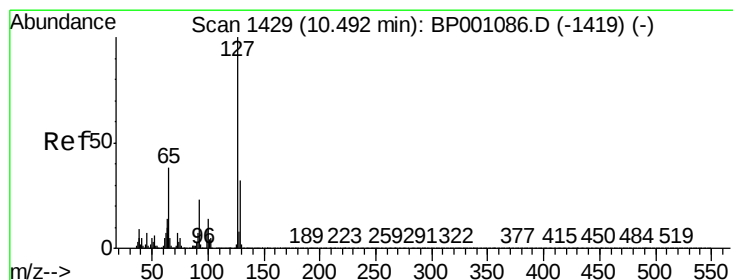
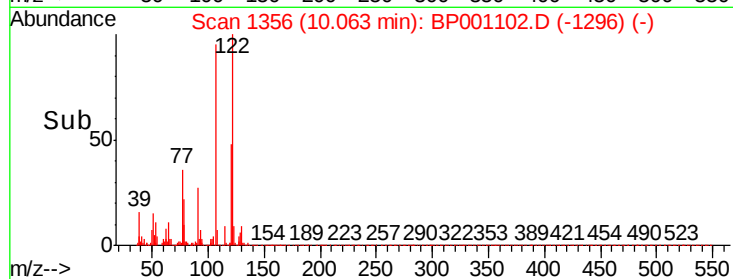
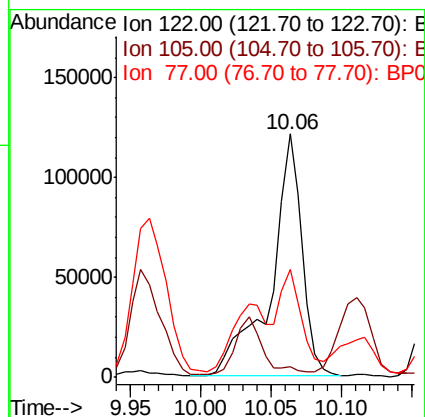
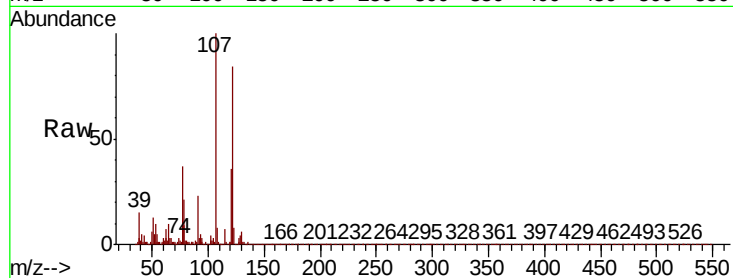




#32
Benzoic acid
Concen: 25.704 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.05 min
Lab File: BP001102.D
Acq: 28 Nov 2019 02:05

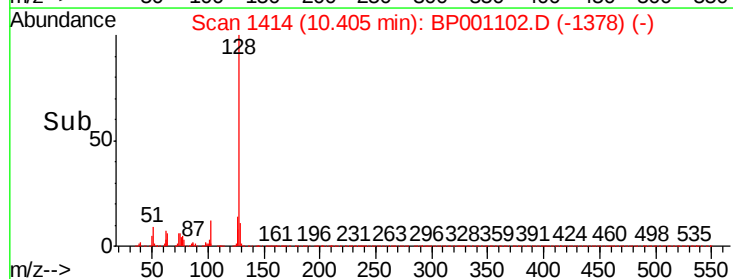
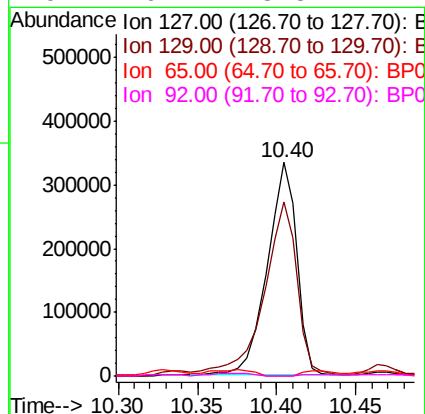
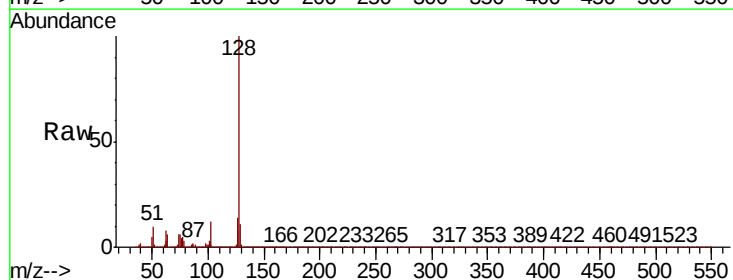
Instrument :
BNA_P
ClientSampleId :

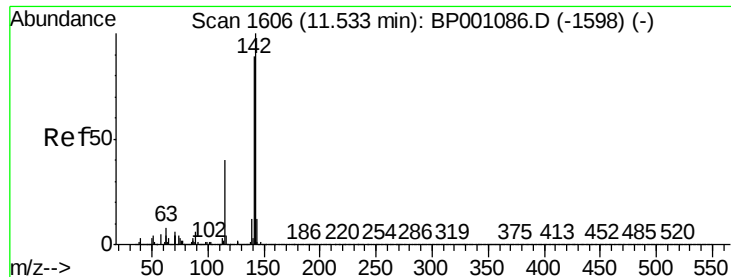
Tot Ion:122 Resp: 184930
Ion Ratio Lower Upper
122 100
105 4.1 116.8 156.8#
77 44.1 95.0 135.0#



#33
4-Chloroaniline
Concen: 26.251 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.09 min
Lab File: BP001102.D
Acq: 28 Nov 2019 02:05

Tgt Ion:127 Resp: 435402
Ion Ratio Lower Upper
127 100
129 81.6 25.5 38.3#
65 0.0 30.6 46.0#
92 0.1 18.5 27.7#

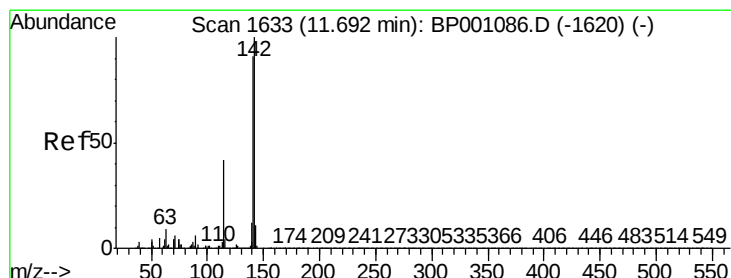
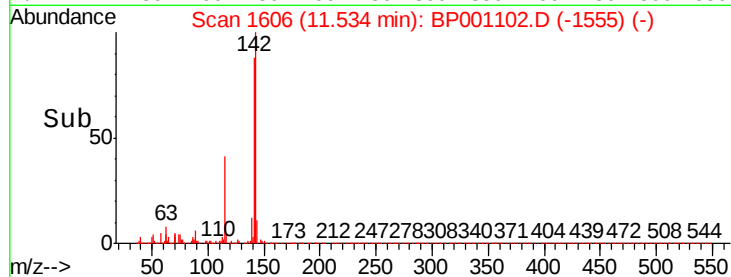
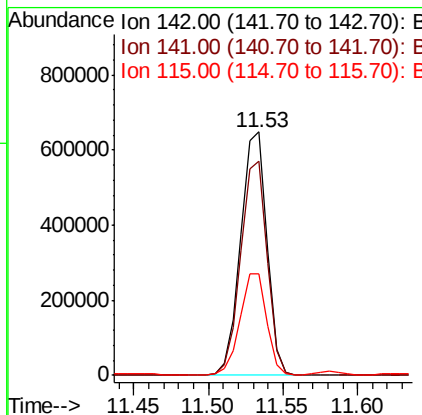
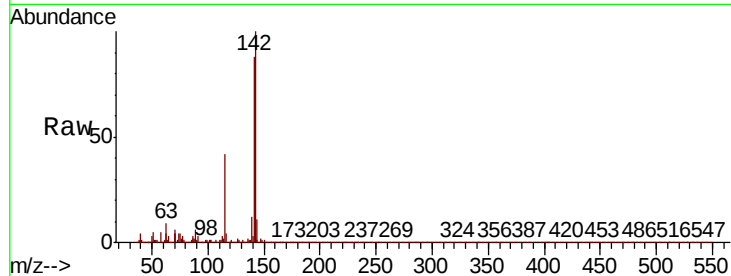




#37
2-Methylnaphthalene
Concen: 30.331 ng
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: BP001102.D
Acq: 28 Nov 2019 02:05

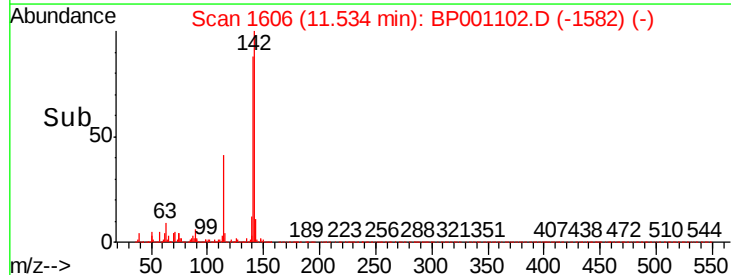
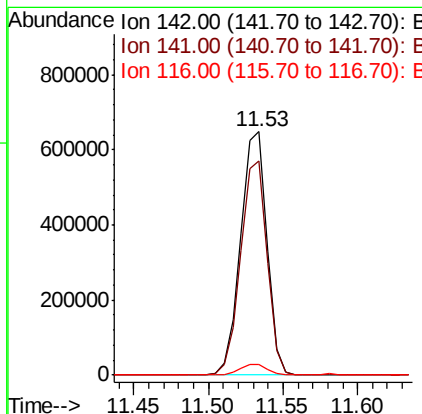
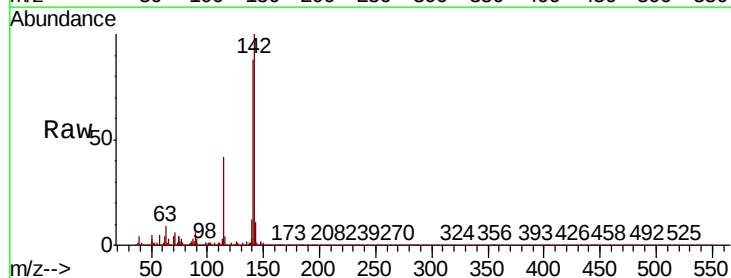
Instrument :
BNA_P
ClientSampleId :

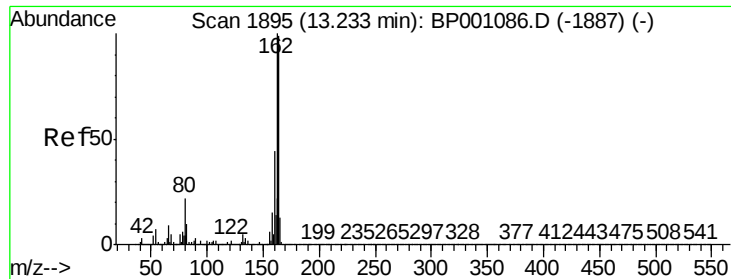
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.1	106.7
115	41.5	32.3	48.5



#38
1-Methylnaphthalene
Concen: 32.109 ng
RT: 11.53 min Scan# 1606
Delta R.T. -0.16 min
Lab File: BP001102.D
Acq: 28 Nov 2019 02:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.2	73.0	109.4
116	4.4	3.4	5.2

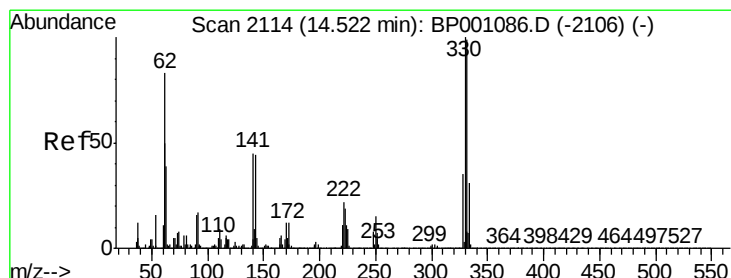
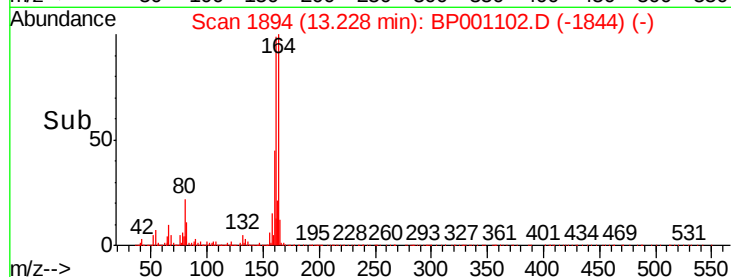
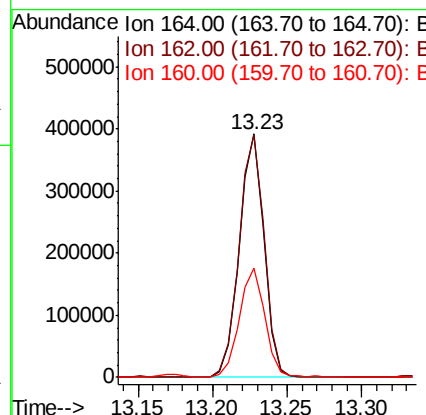
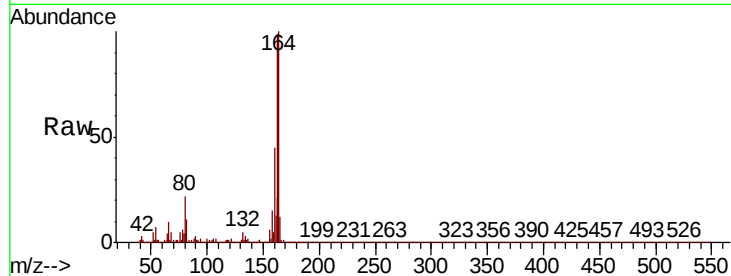




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.23 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BP001102.D
Acq: 28 Nov 2019 02:05

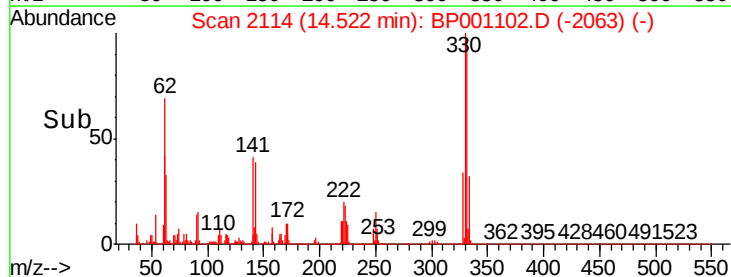
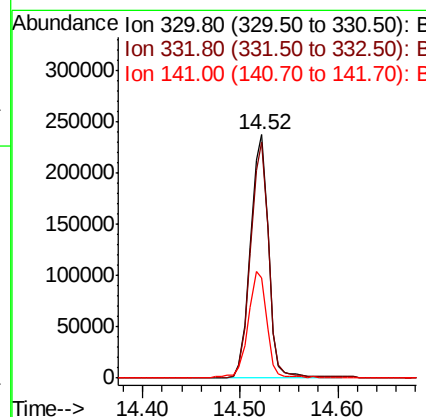
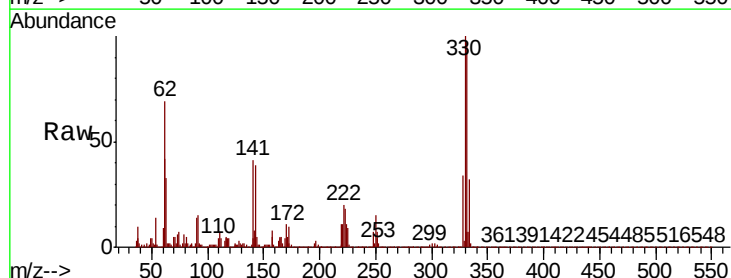
Instrument :
BNA_P
ClientSampled :

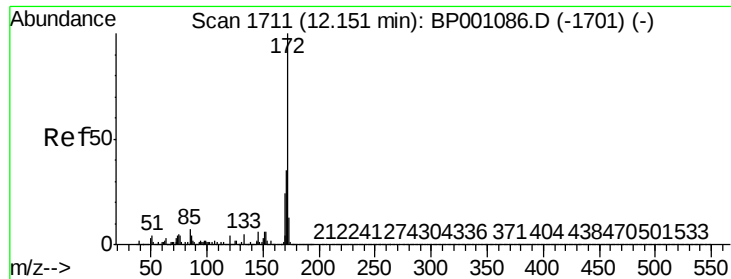
Tot Ion	Ratio	Lower	Upper
164	100		
162	99.3	80.6	120.8
160	44.8	35.4	53.2



#42
2,4,6-Tribromophenol
Concen: 71.397 ng
RT: 14.52 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BP001102.D
Acq: 28 Nov 2019 02:05

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.6	116.4
141	44.9	34.2	51.2

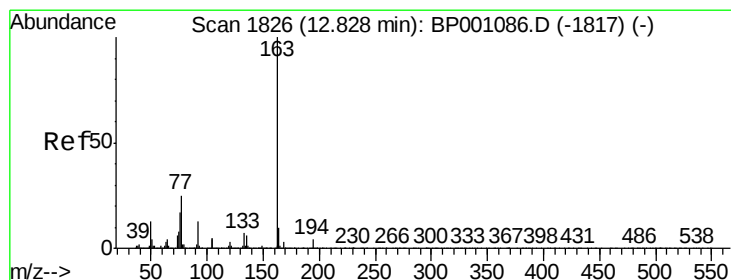
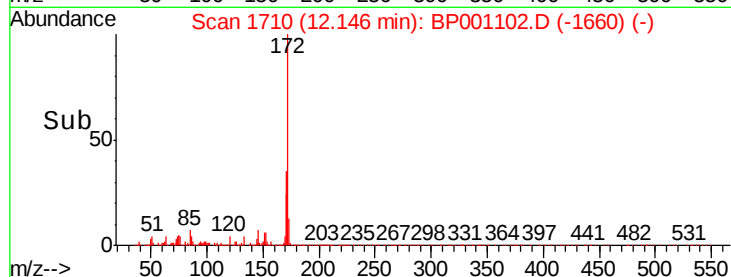
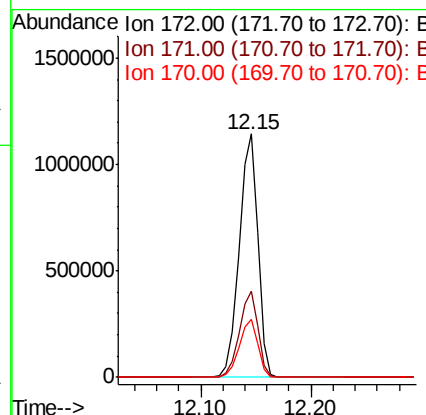
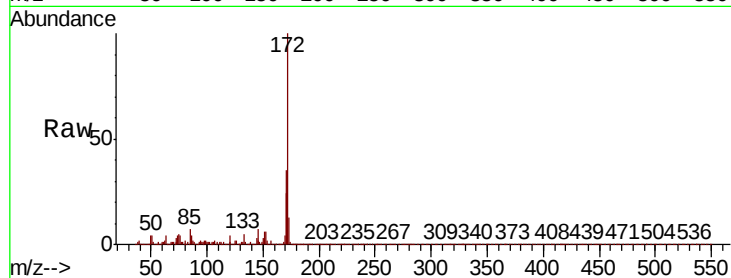




#45
2-Fluorobiphenyl
Concen: 43.795 ng
RT: 12.15 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP001102.D
Acq: 28 Nov 2019 02:05

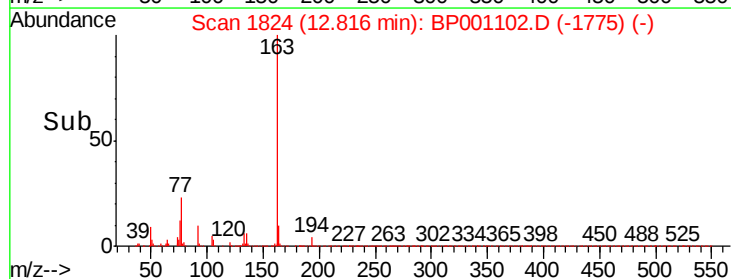
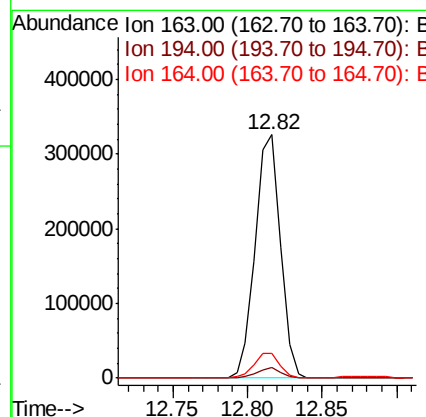
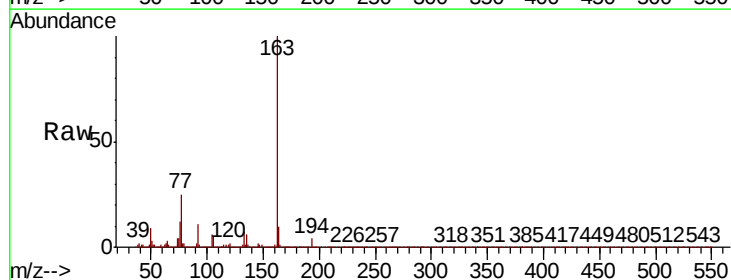
Instrument :
BNA_P
ClientSampleId :

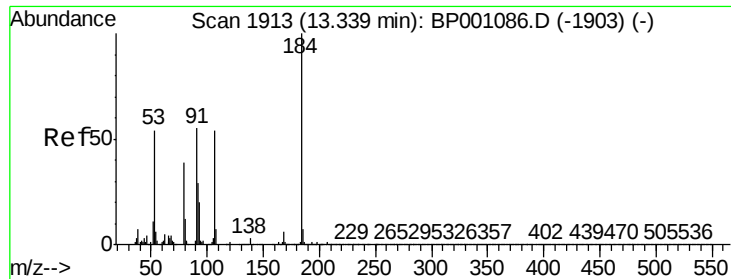
Tot Ion:172 Resp: 1354348
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 23.7 19.0 28.4



#50
Dimethylphthalate
Concen: 11.160 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BP001102.D
Acq: 28 Nov 2019 02:05

Tgt Ion:163 Resp: 377776
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.3 8.1 12.1

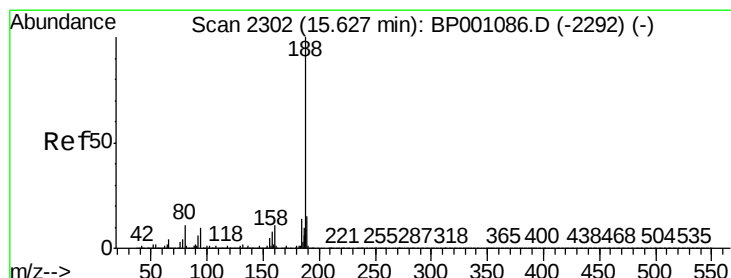
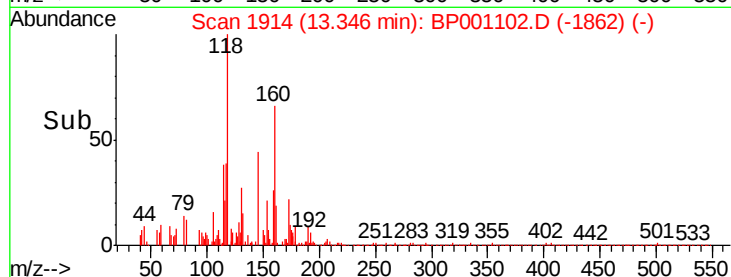
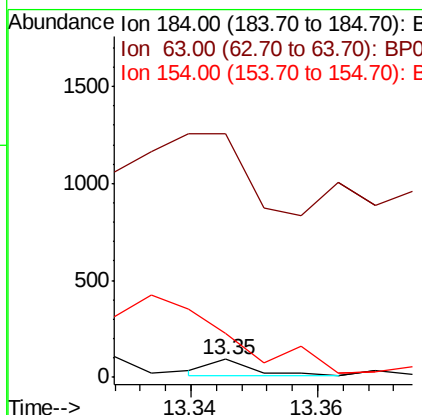
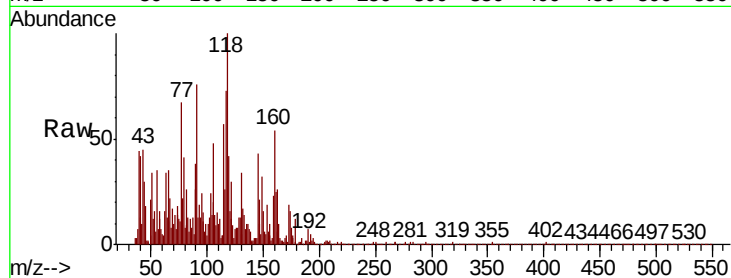




#54
2,4-Dinitrophenol
Concen: 7.122 ng
RT: 13.35 min Scan# 1914
Delta R.T. 0.01 min
Lab File: BP001102.D
Acq: 28 Nov 2019 02:05

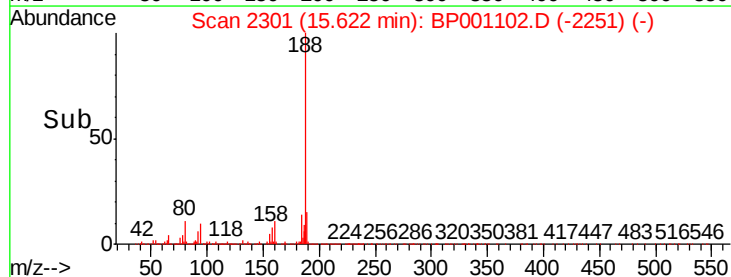
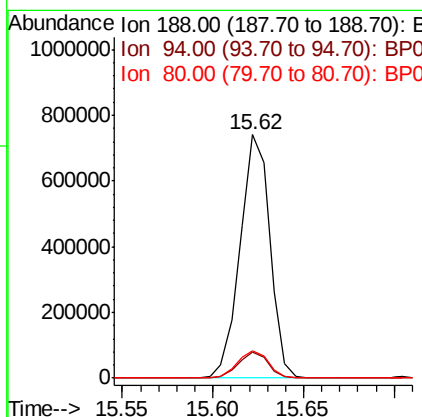
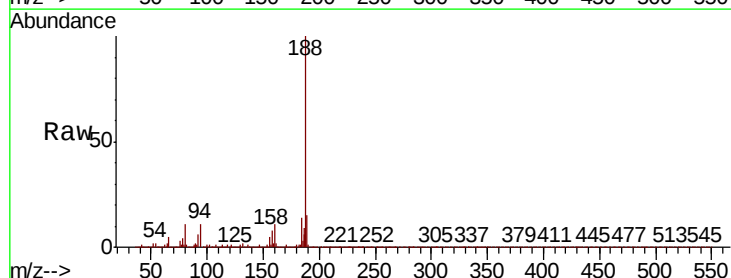
Instrument :
BNA_P
ClientSampleId :

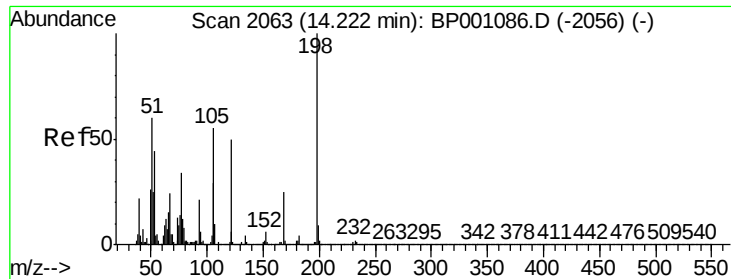
Tot Ion:184 Resp: 42
Ion Ratio Lower Upper
184 100
63 1365.2 60.7 91.1#
154 244.6 56.2 84.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BP001102.D
Acq: 28 Nov 2019 02:05

Tgt Ion:188 Resp: 844879
Ion Ratio Lower Upper
188 100
94 10.5 7.9 11.9
80 11.3 8.8 13.2

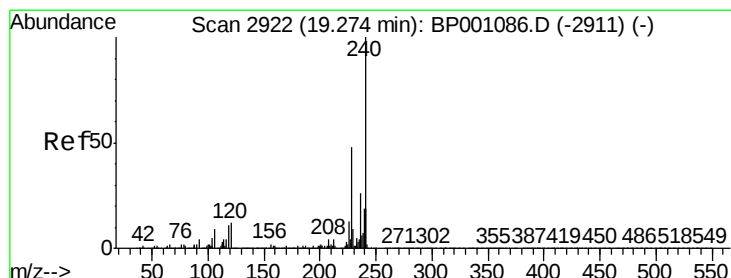
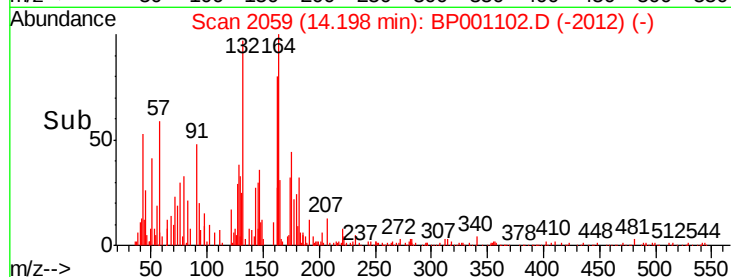
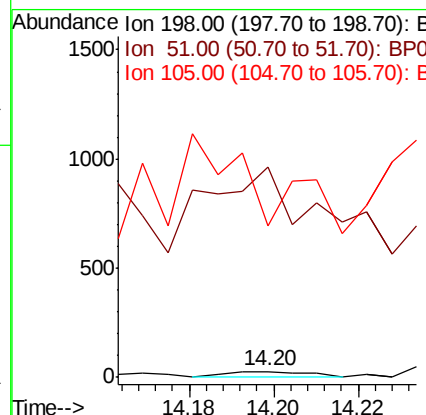
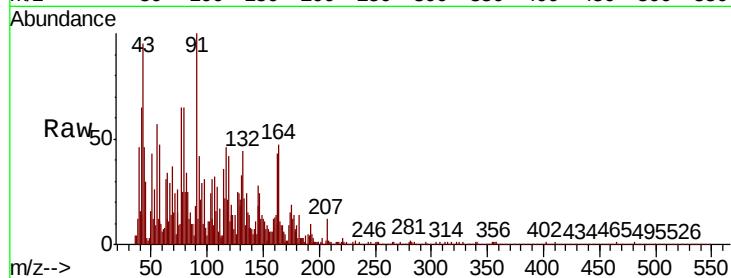




#65
4,6-Dinitro-2-methylphenol
Concen: 6.286 ng
RT: 14.20 min Scan# 2059
Delta R.T. -0.02 min
Lab File: BP001102.D
Acq: 28 Nov 2019 02:05

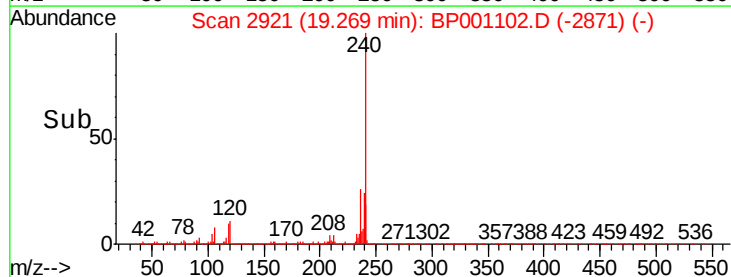
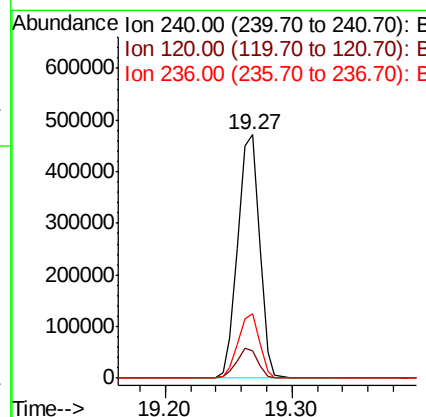
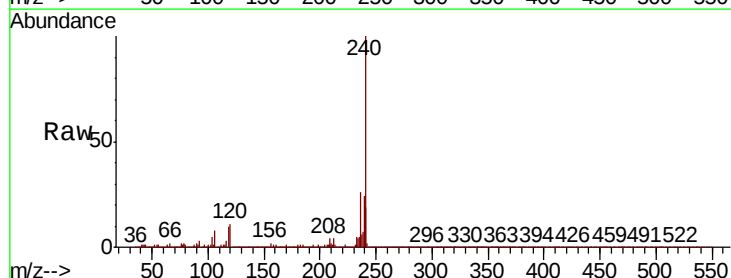
Instrument :
BNA_P
ClientSampled :

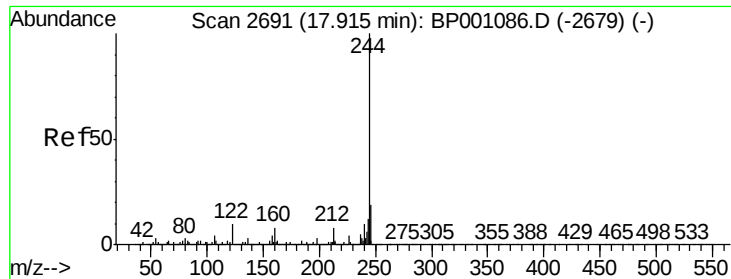
Tot Ion:198 Resp: 39
Ion Ratio Lower Upper
198 100
51 3703.8 40.5 80.5#
105 2665.4 35.7 75.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.27 min Scan# 2921
Delta R.T. -0.01 min
Lab File: BP001102.D
Acq: 28 Nov 2019 02:05

Tgt Ion:240 Resp: 555694
Ion Ratio Lower Upper
240 100
120 11.3 9.5 14.3
236 26.4 20.4 30.6

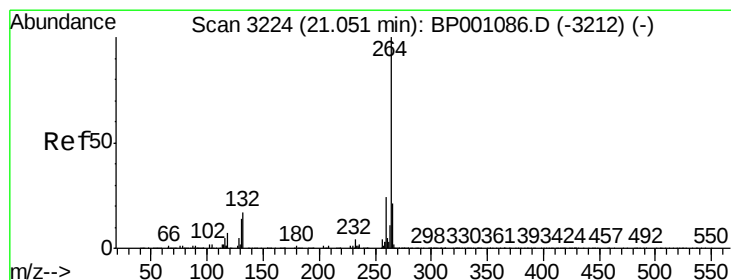
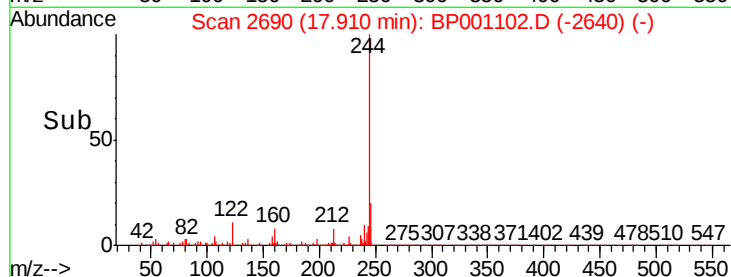
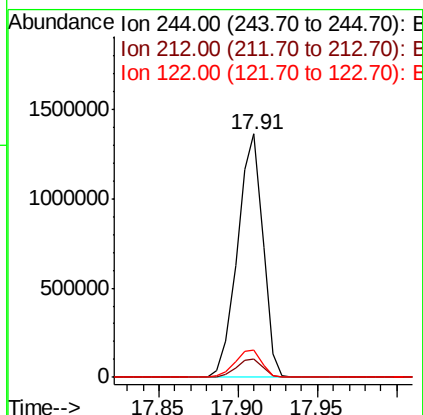
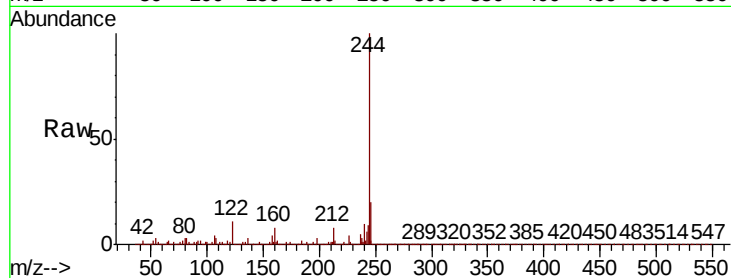




#79
 Terphenyl-d14
 Concen: 50.227 ng
 RT: 17.91 min Scan# 2690
 Delta R.T. -0.01 min
 Lab File: BP001102.D
 Acq: 28 Nov 2019 02:05

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:244 Resp: 1508633
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 11.1 8.2 12.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 21.05 min Scan# 3223
 Delta R.T. -0.01 min
 Lab File: BP001102.D
 Acq: 28 Nov 2019 02:05

Tgt Ion:264 Resp: 571820
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.8 28.2
 265 21.2 16.9 25.3

