

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
 Data File : BP001062.D
 Acq On : 16 Nov 2019 02:26
 Operator : JU
 Sample : K5861-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 16 03:34:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 17:07:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	172336	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	619985	20.00	ng	-0.01
39) Acenaphthene-d10	13.27	164	309527	20.00	ng	0.00
64) Phenanthrene-d10	15.66	188	578064	20.00	ng	0.00
76) Chrysene-d12	19.29	240	602965	20.00	ng	-0.01
87) Perylene-d12	21.06	264	707903	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.31	112	1171301	123.71	ng	0.01
7) Phenol-d6	7.82	99	1515350	126.56	ng	0.00
23) Nitrobenzene-d5	9.25	82	946220	84.42	ng	-0.01
42) 2,4,6-Tribromophenol	14.56	330	543286	147.03	ng	0.00
45) 2-Fluorobiphenyl	12.17	172	1730770	84.22	ng	-0.01
79) Terphenyl-d14	17.94	244	2198108	72.51	ng	0.00

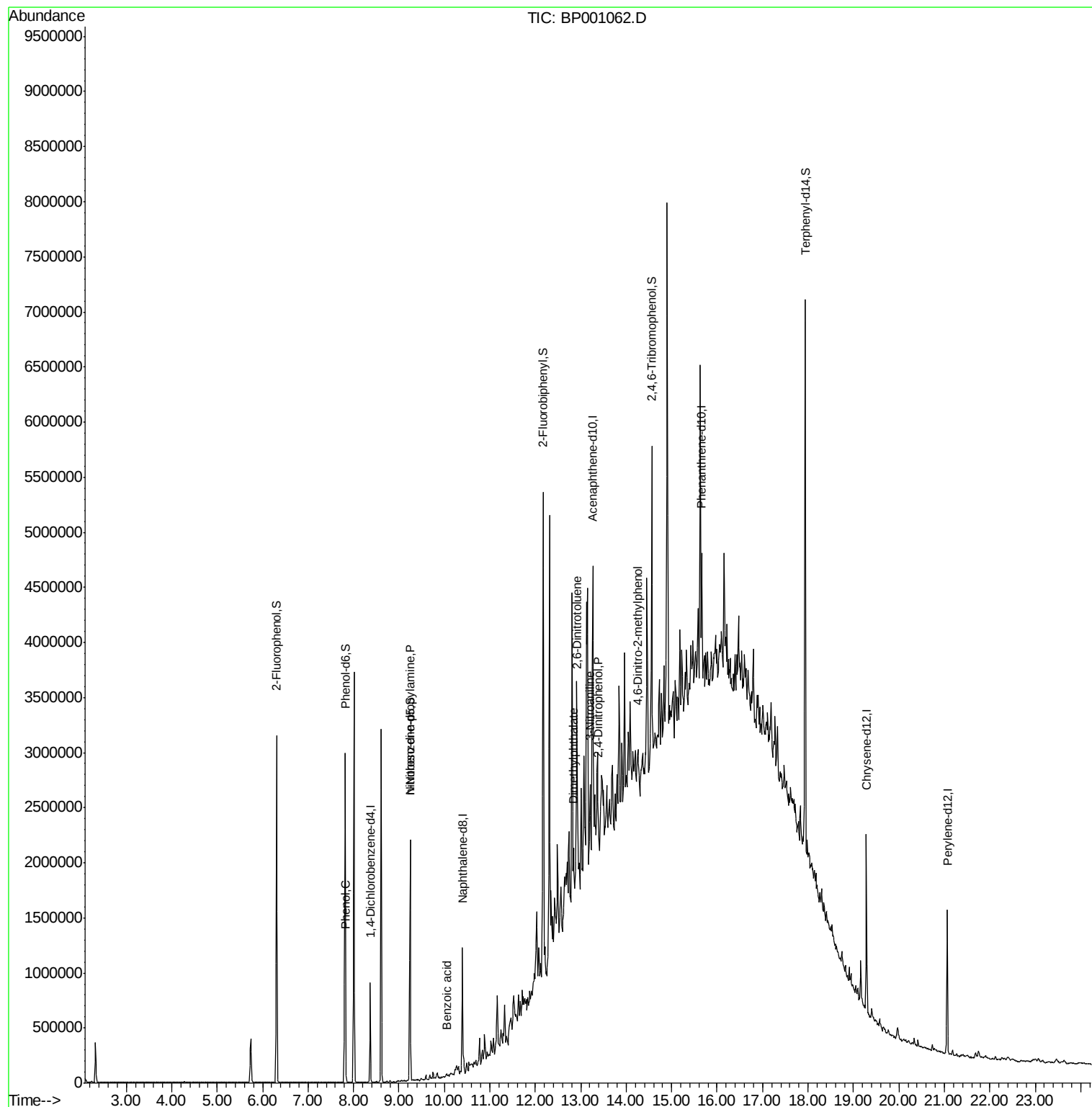
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.83	94	37505	2.864	ng	91
19) n-Nitroso-di-n-propylamine	9.25	70	128970	17.939	ng	# 80
32) Benzoic acid	10.05	122	919	7.830	ng	# 24
50) Dimethylphthalate	12.85	163	214532	9.373	ng	# 92
51) 2,6-Dinitrotoluene	12.93	165	26074	5.461	ng	# 34
53) 3-Nitroaniline	13.20	138	24759	4.755	ng	# 14
54) 2,4-Dinitrophenol	13.38	184	328	8.508	ng	# 1
65) 4,6-Dinitro-2-methylphenol	14.26	198	2535	10.989	ng	# 1

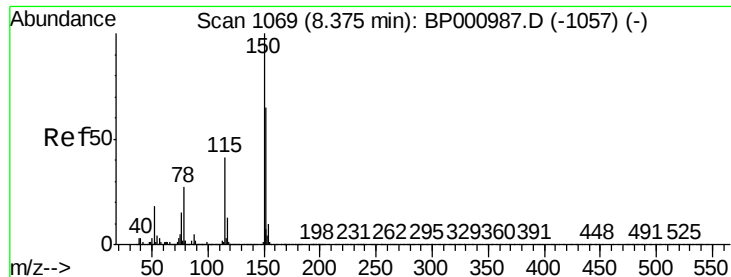
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
Data File : BP001062.D
Acq On : 16 Nov 2019 02:26
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Nov 16 03:34:10 2019
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QLast Update : Wed Nov 06 17:07:13 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.37 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BP001062.D

Acq: 16 Nov 2019 02:26

Instrument :

BNA_P

ClientSampleId :

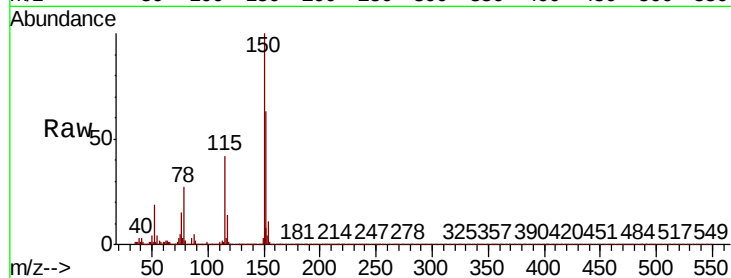
Tot Ion:152 Resp: 172336

Ion Ratio Lower Upper

152 100

150 157.9 123.6 185.4

115 66.2 50.1 75.1

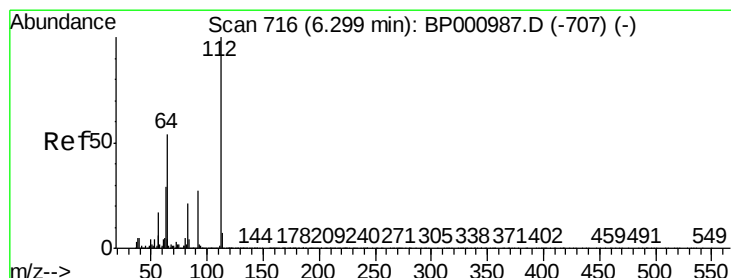
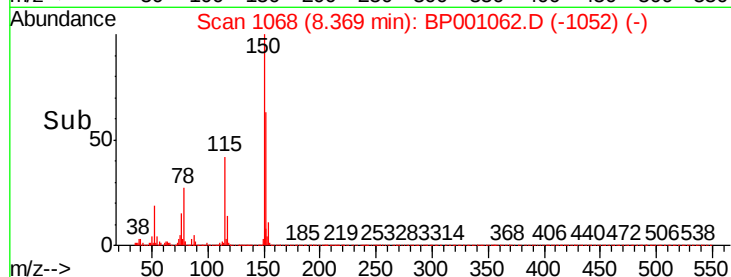
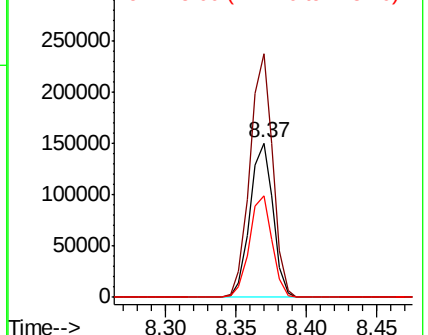


Abundance

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: 123.710 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BP001062.D

Acq: 16 Nov 2019 02:26

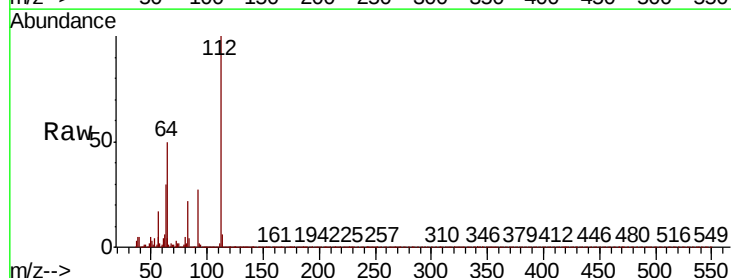
Tgt Ion:112 Resp: 1171301

Ion Ratio Lower Upper

112 100

64 50.4 43.4 65.0

63 29.8 23.4 35.0

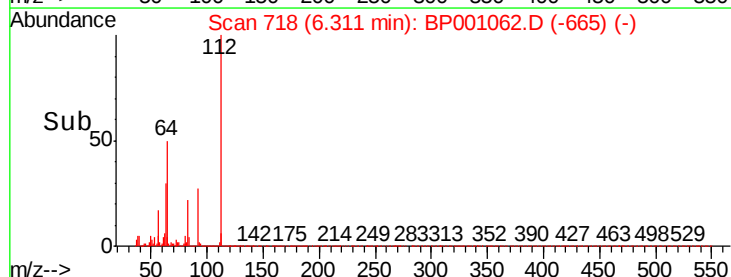
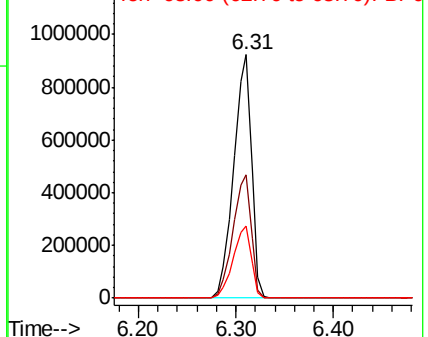


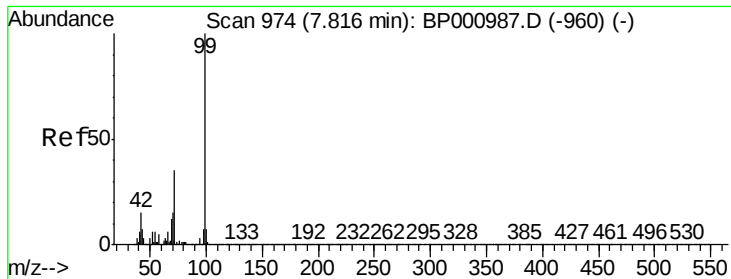
Abundance

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: 126.564 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.01 min

Lab File: BP001062.D

Acq: 16 Nov 2019 02:26

Instrument :

BNA_P

ClientSampled :

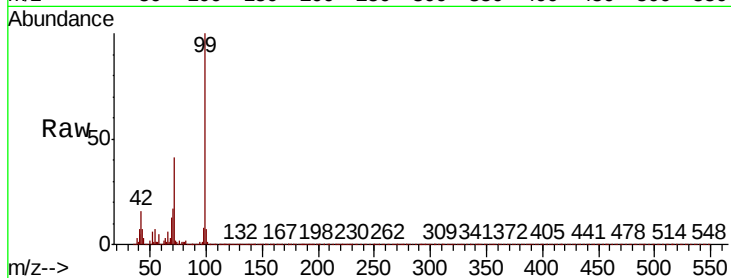
Tot Ion: 99 Resp: 1515350

Ion Ratio Lower Upper

99 100

42 15.8 11.6 17.4

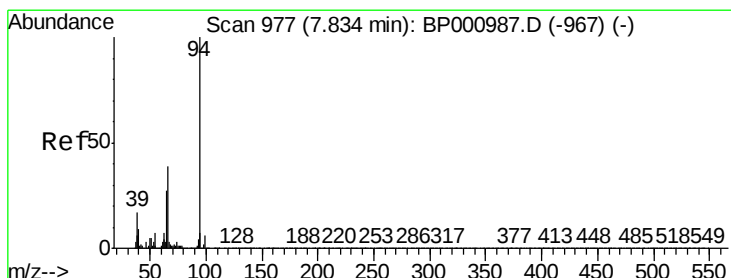
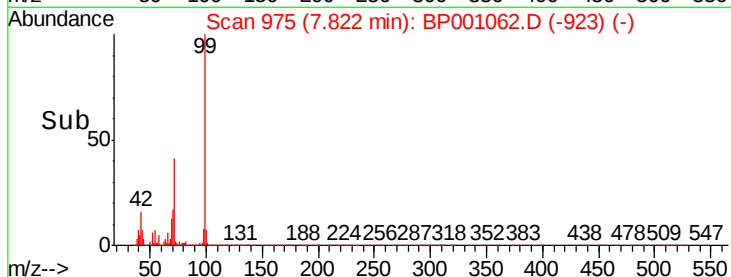
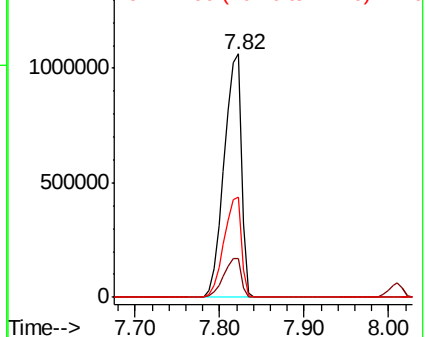
71 41.0 28.0 42.0



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



#10

Phenol

Concen: 2.864 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BP001062.D

Acq: 16 Nov 2019 02:26

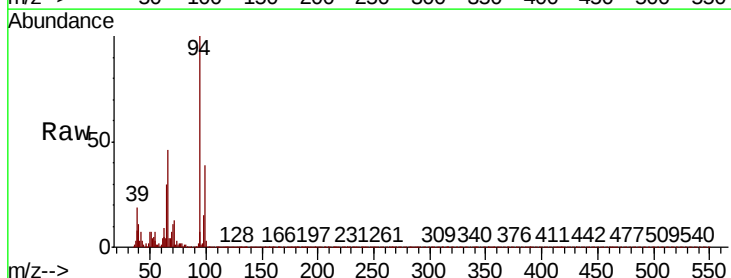
Tgt Ion: 94 Resp: 37505

Ion Ratio Lower Upper

94 100

65 29.8 6.7 46.7

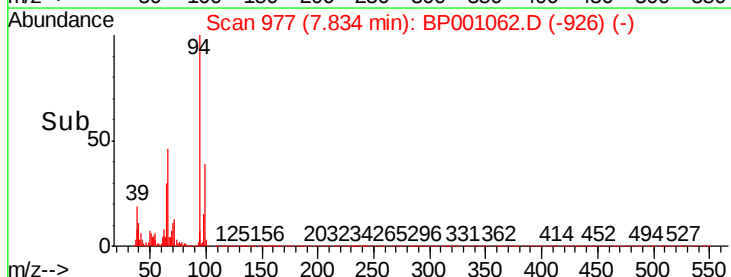
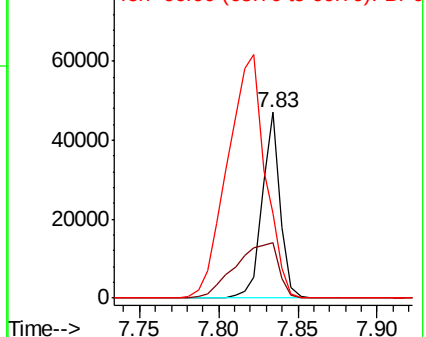
66 45.7 18.6 58.6

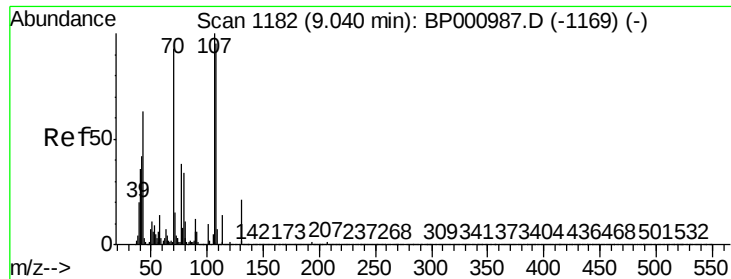


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

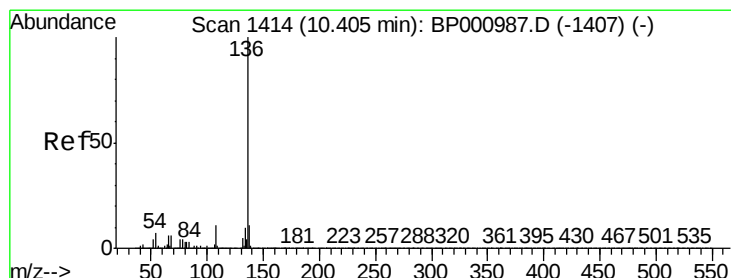
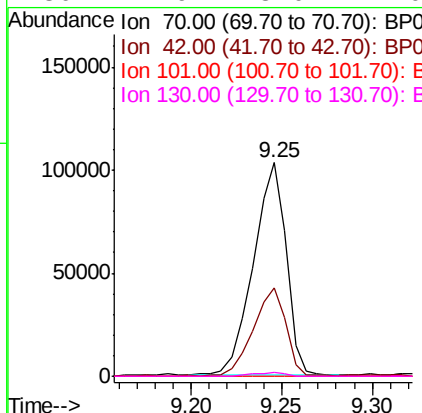
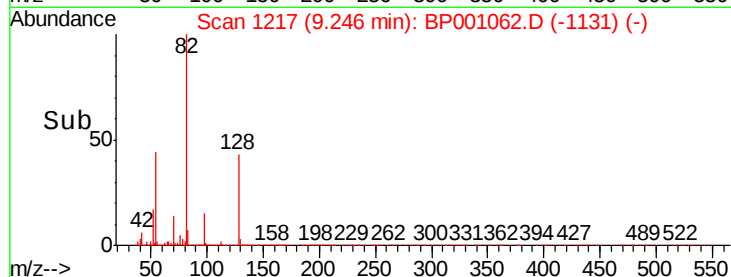
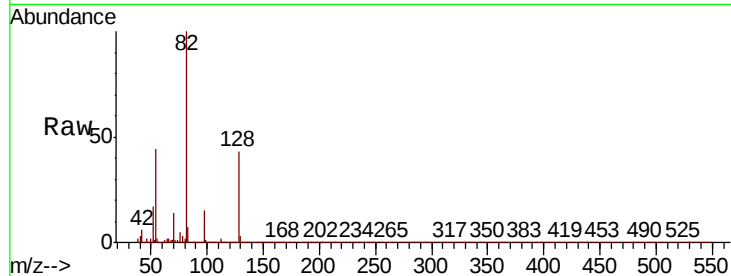




#19
n-Nitroso-di-n-propylamine
Concen: 17.939 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.21 min
Lab File: BP001062.D
Acq: 16 Nov 2019 02:26

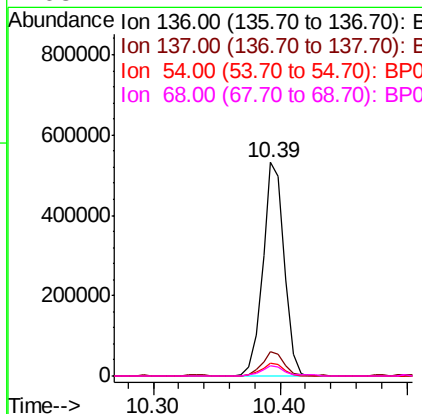
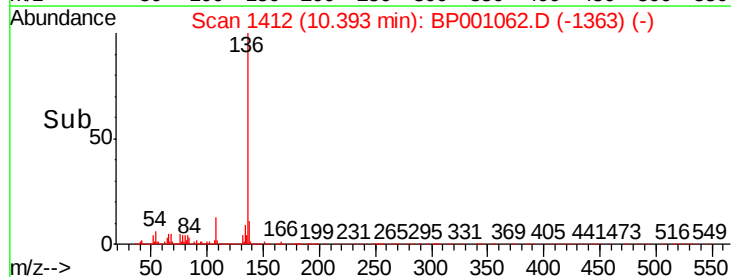
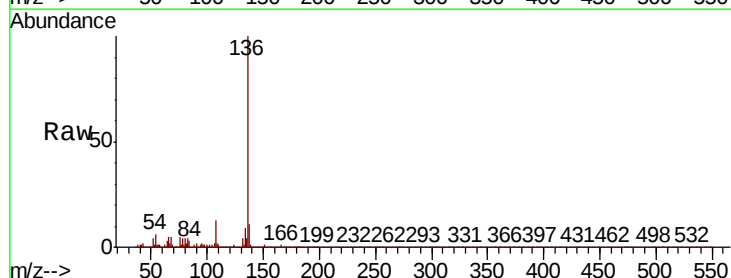
Instrument :
BNA_P
ClientSampleId :

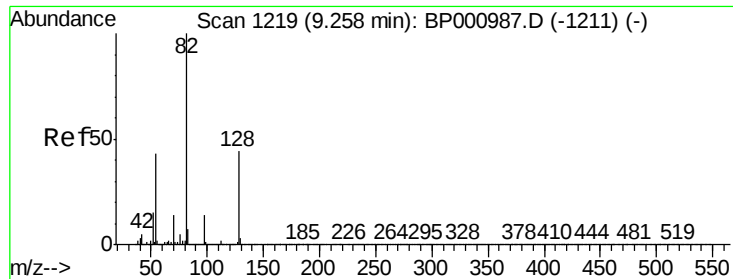
Tot Ion: 70 Resp: 128970
Ion Ratio Lower Upper
70 100
42 41.5 36.3 54.5
101 0.0 8.7 13.1#
130 1.9 18.0 27.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BP001062.D
Acq: 16 Nov 2019 02:26

Tgt Ion: 136 Resp: 619985
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 6.2 5.4 8.2
68 4.7 4.7 7.1#

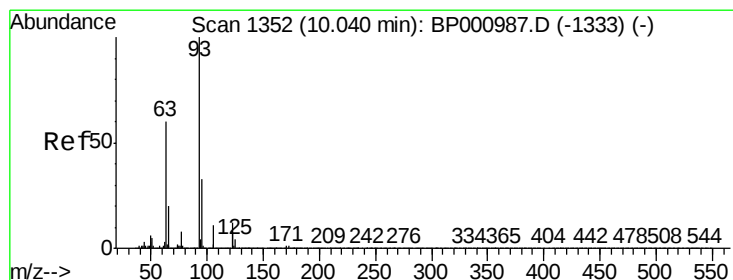
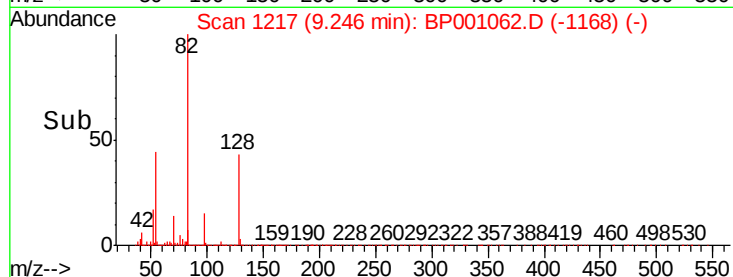
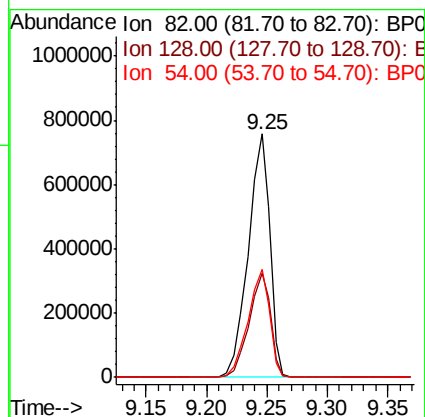
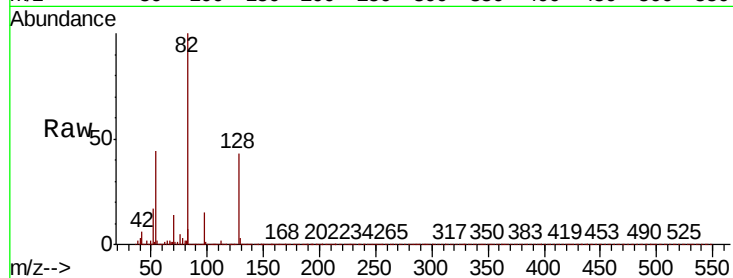




#23
 Nitrobenzene-d5
 Concen: 84.424 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BP001062.D
 Acq: 16 Nov 2019 02:26

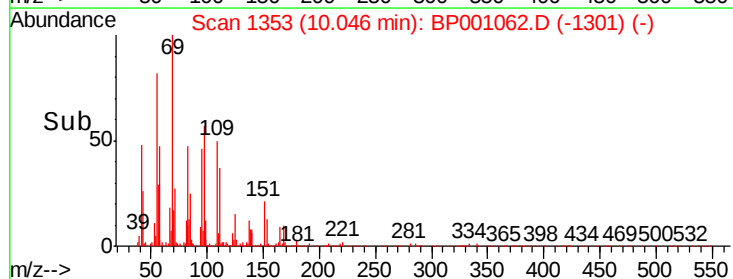
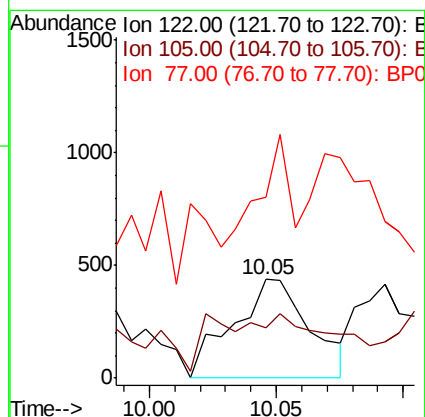
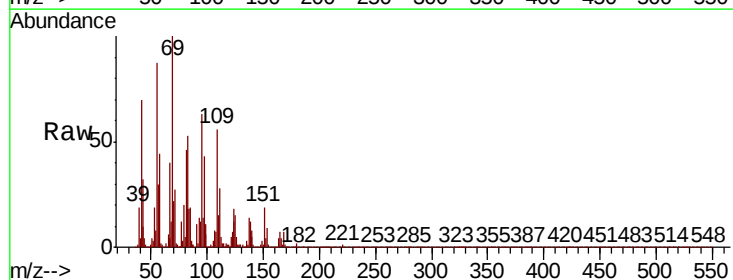
Instrument :
 BNA_P
 ClientSampleId :

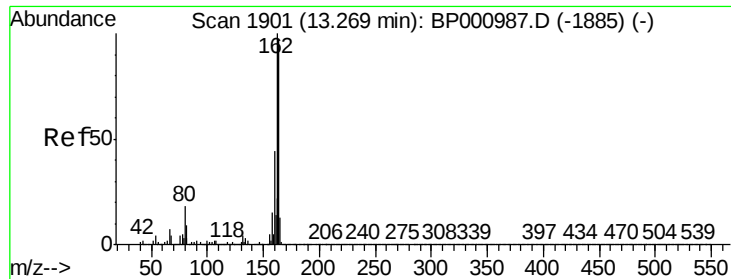
Tot Ion	82	Resp	946220
Ion Ratio	Lower	Upper	
82	100		
128	42.9	35.3	52.9
54	44.4	34.3	51.5



#32
 Benzoic acid
 Concen: 7.830 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. 0.01 min
 Lab File: BP001062.D
 Acq: 16 Nov 2019 02:26

Tgt Ion	122	Resp	919
Ion Ratio	Lower	Upper	
122	100		
105	51.7	110.5	150.5#
77	184.2	77.9	117.9#

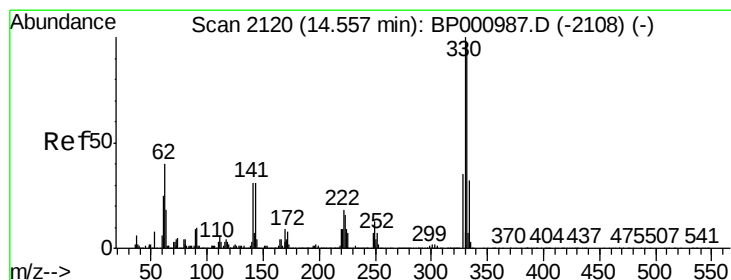
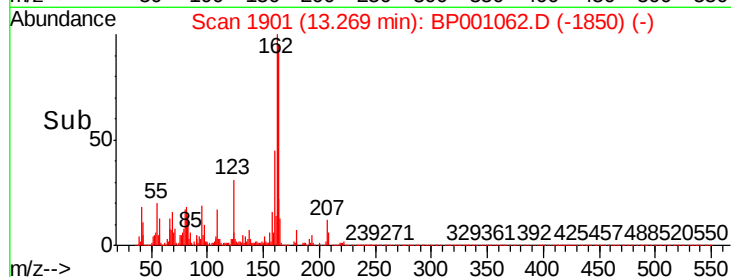
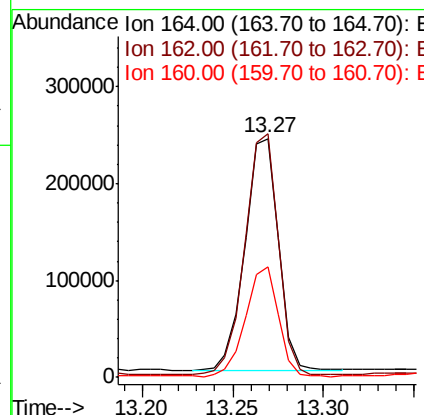
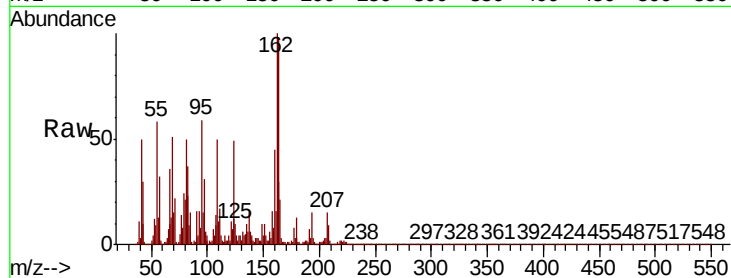




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.27 min Scan# 1901
 Delta R.T. -0.00 min
 Lab File: BP001062.D
 Acq: 16 Nov 2019 02:26

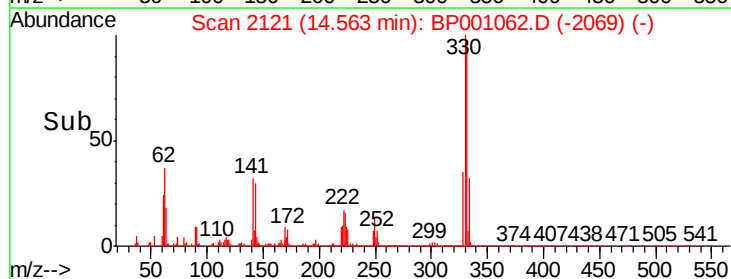
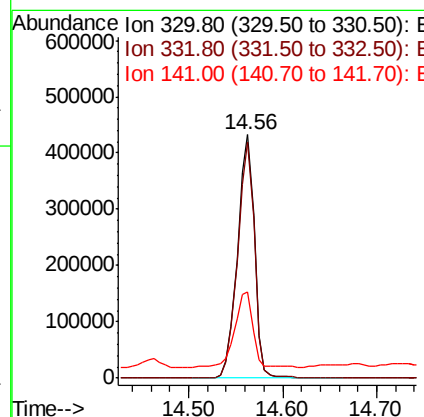
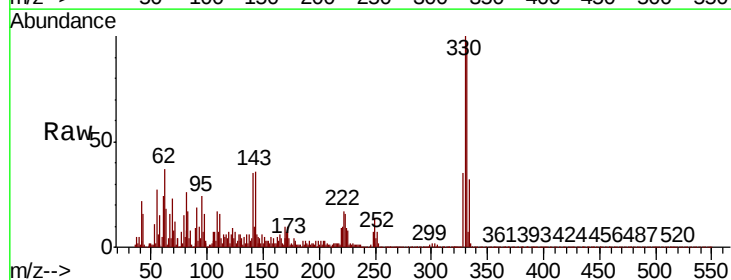
Instrument :
 BNA_P
 ClientSampleId :

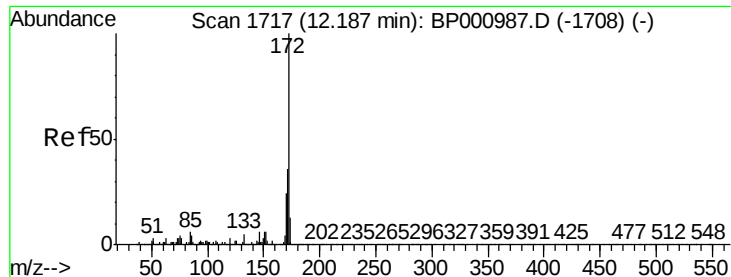
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.6	123.8
160	46.1	36.5	54.7



#42
 2,4,6-Tribromophenol
 Concen: 147.031 ng
 RT: 14.56 min Scan# 2121
 Delta R.T. 0.01 min
 Lab File: BP001062.D
 Acq: 16 Nov 2019 02:26

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.3	117.5
141	34.1	25.0	37.4

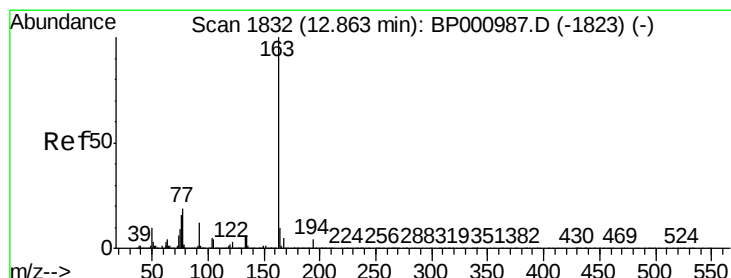
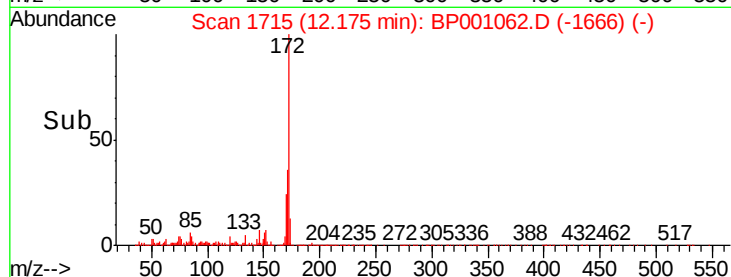
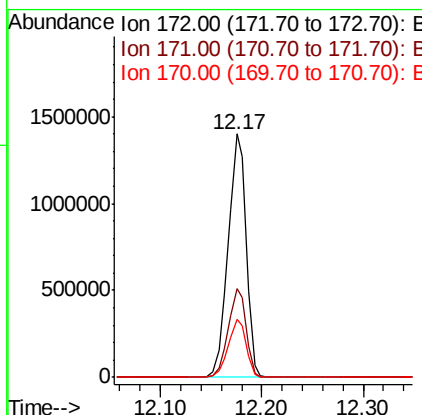
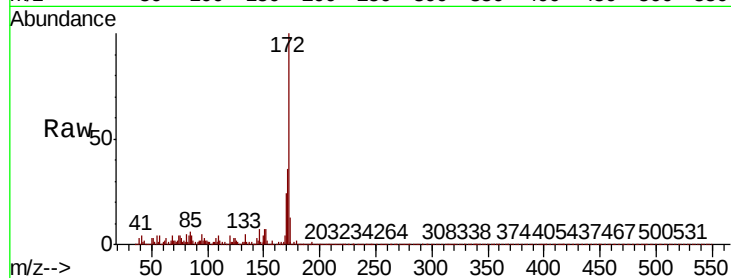




#45
2-Fluorobiphenyl
Concen: 84.216 ng
RT: 12.17 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BP001062.D
Acq: 16 Nov 2019 02:26

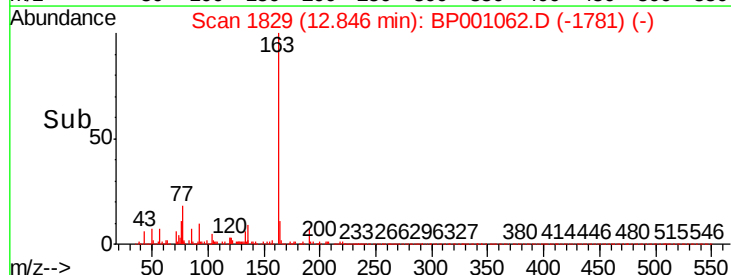
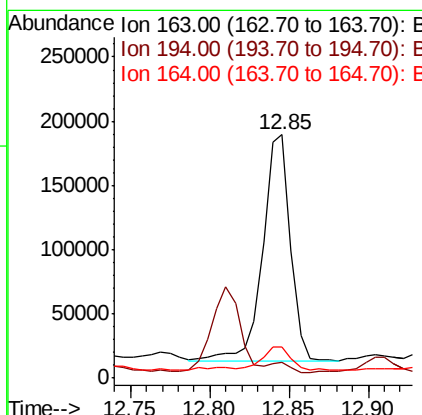
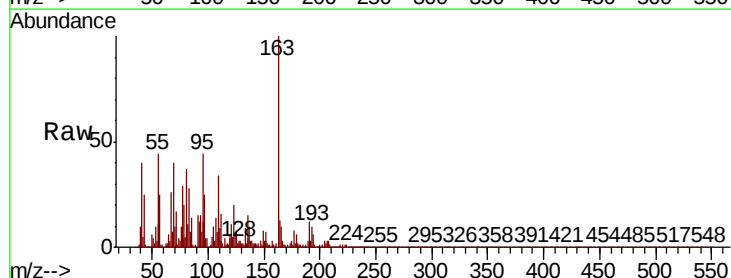
Instrument :
BNA_P
ClientSampleId :

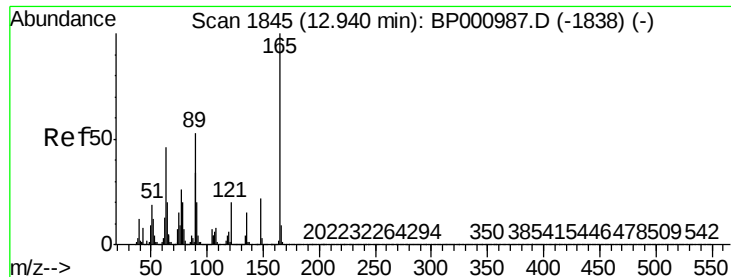
Tot Ion:172 Resp: 1730770
Ion Ratio Lower Upper
172 100
171 36.3 28.5 42.7
170 23.8 18.9 28.3



#50
Dimethylphthalate
Concen: 9.373 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.02 min
Lab File: BP001062.D
Acq: 16 Nov 2019 02:26

Tgt Ion:163 Resp: 214532
Ion Ratio Lower Upper
163 100
194 6.4 3.4 5.2#
164 13.0 7.9 11.9#

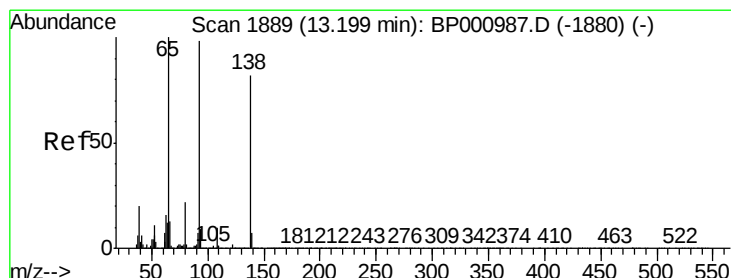
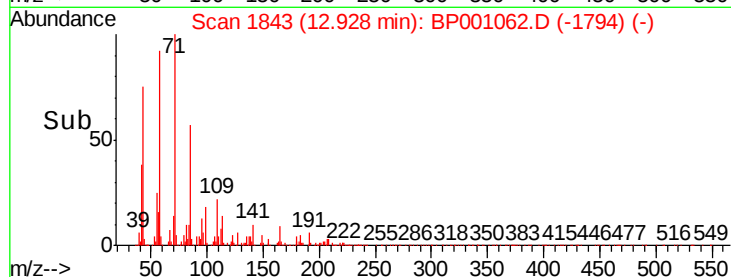
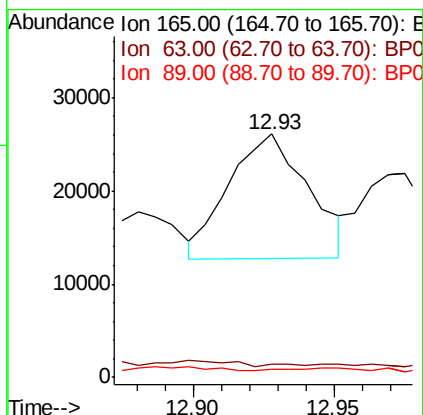
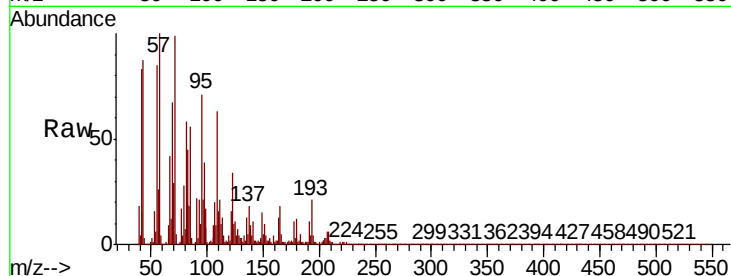




#51
2,6-Dinitrotoluene
Concen: 5.461 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BP001062.D
Acq: 16 Nov 2019 02:26

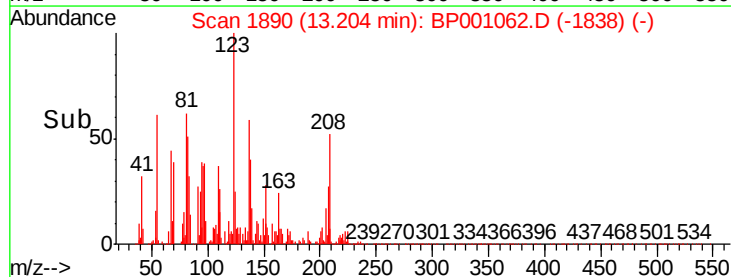
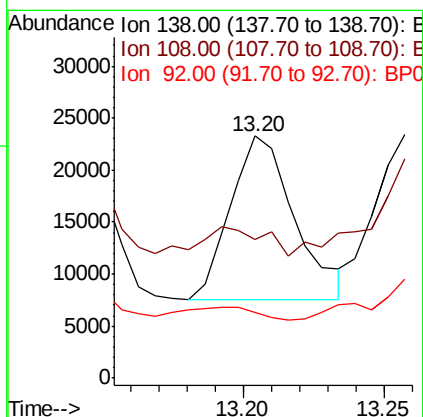
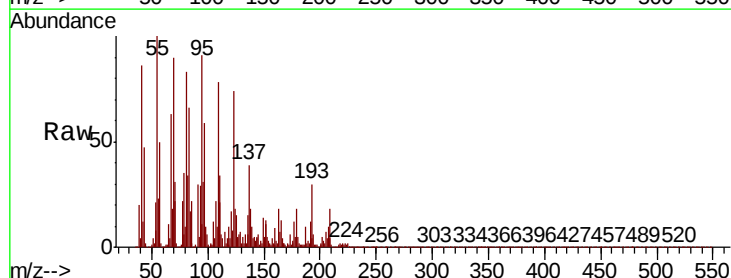
Instrument :
BNA_P
ClientSampleId :

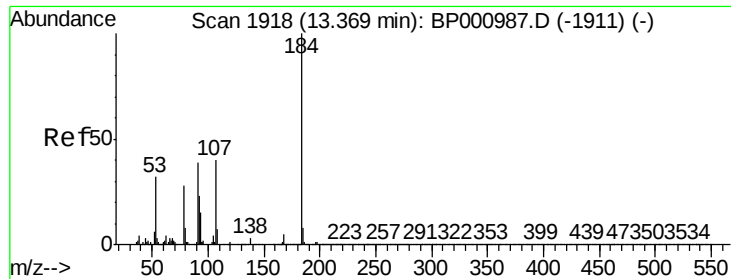
Tot Ion:165 Resp: 26074
Ion Ratio Lower Upper
165 100
63 5.5 36.7 55.1#
89 3.4 42.3 63.5#



#53
3-Nitroaniline
Concen: 4.755 ng
RT: 13.20 min Scan# 1890
Delta R.T. 0.01 min
Lab File: BP001062.D
Acq: 16 Nov 2019 02:26

Tgt Ion:138 Resp: 24759
Ion Ratio Lower Upper
138 100
108 57.2 10.1 15.1#
92 27.4 95.4 143.0#

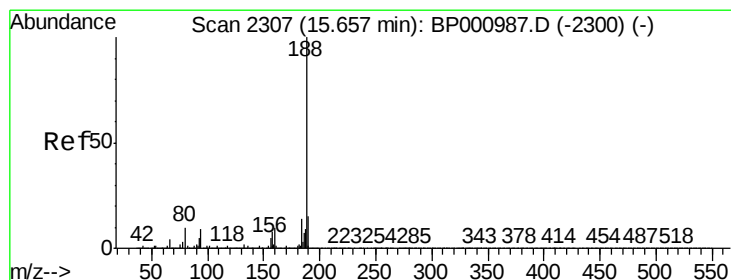
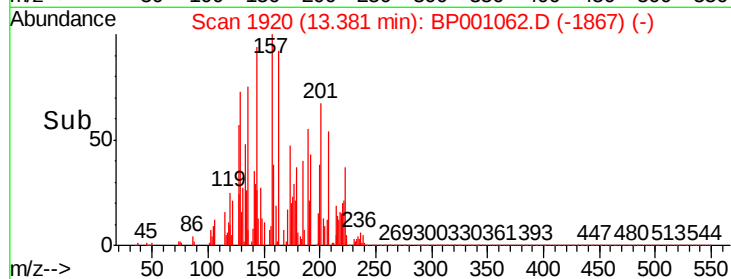
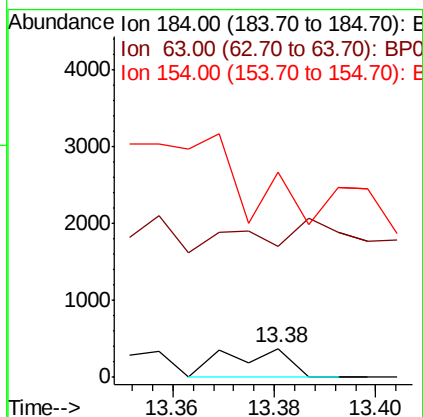
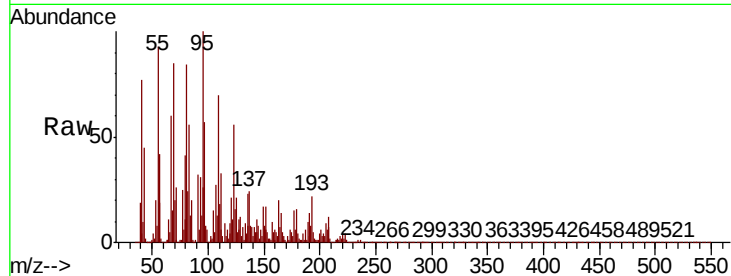




#54
2,4-Dinitrophenol
Concen: 8.508 ng
RT: 13.38 min Scan# 1920
Delta R.T. 0.01 min
Lab File: BP001062.D
Acq: 16 Nov 2019 02:26

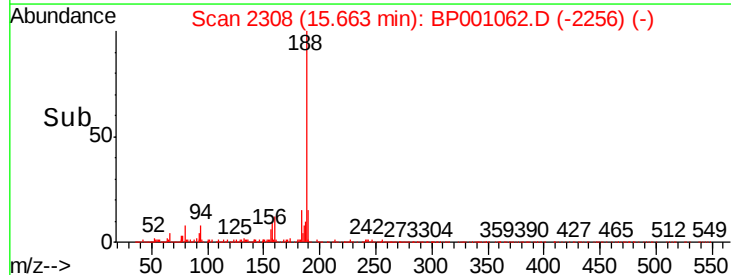
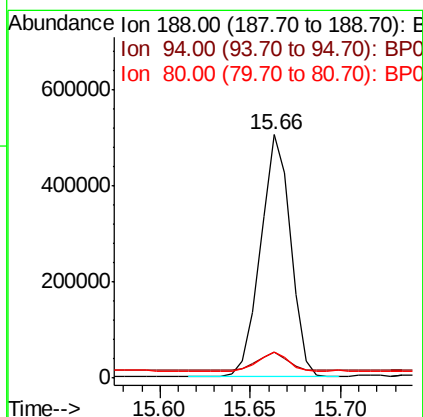
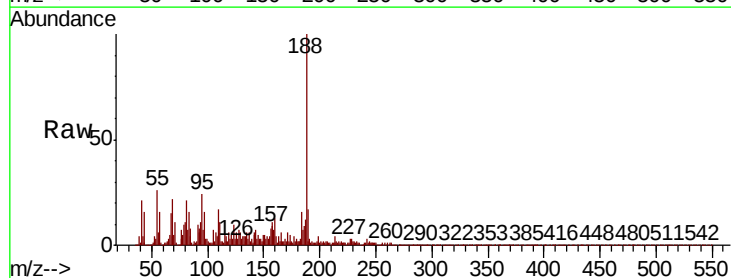
Instrument :
BNA_P
ClientSampleId :

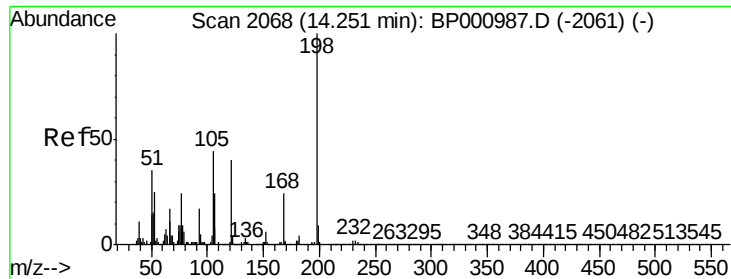
Tot Ion:184 Resp: 328
Ion Ratio Lower Upper
184 100
63 452.0 41.0 61.6#
154 706.6 48.1 72.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BP001062.D
Acq: 16 Nov 2019 02:26

Tgt Ion:188 Resp: 578064
Ion Ratio Lower Upper
188 100
94 10.6 7.4 11.2
80 10.6 7.9 11.9

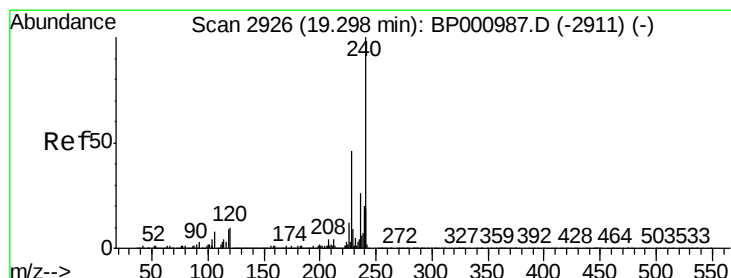
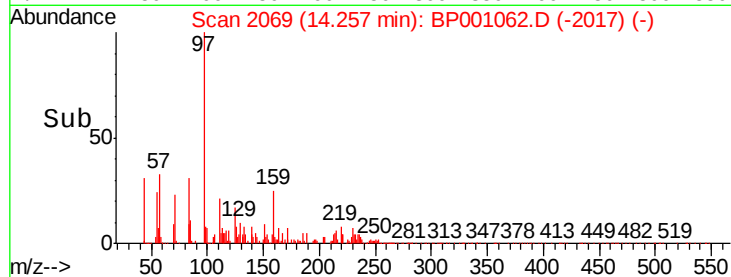
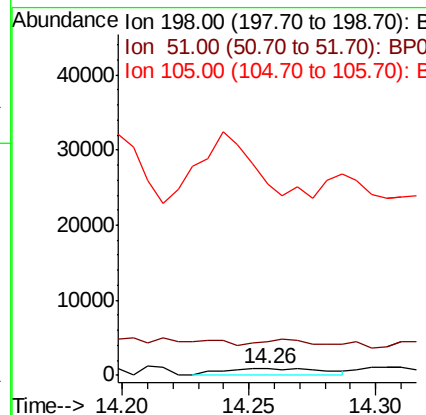
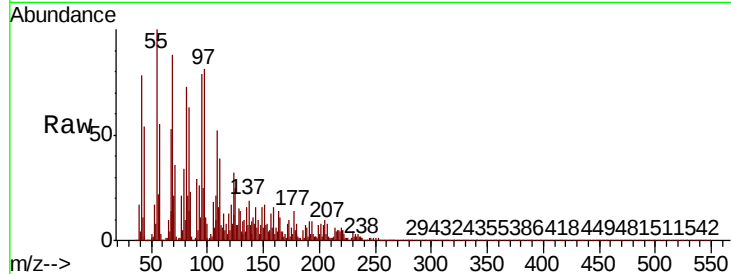




#65
4,6-Dinitro-2-methylphenol
Concen: 10.989 ng
RT: 14.26 min Scan# 2069
Delta R.T. 0.01 min
Lab File: BP001062.D
Acq: 16 Nov 2019 02:26

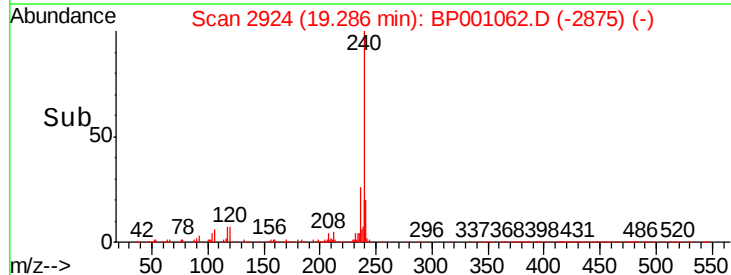
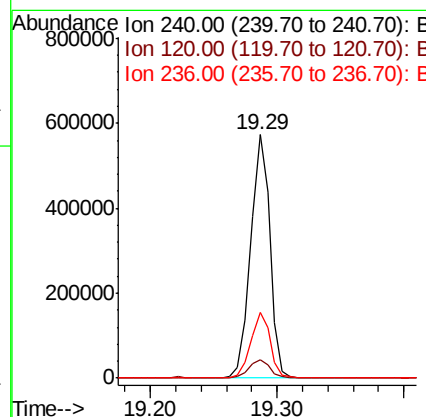
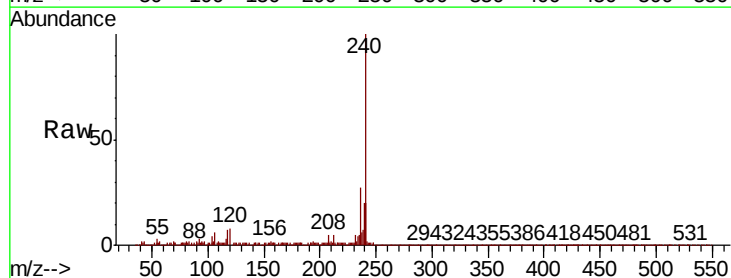
Instrument :
BNA_P
ClientSampleId :

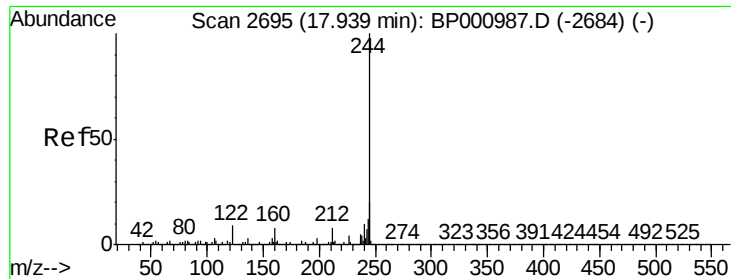
Tot Ion:198 Resp: 2535
Ion Ratio Lower Upper
198 100
51 493.3 16.0 56.0#
105 2853.7 24.9 64.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.29 min Scan# 2924
Delta R.T. -0.01 min
Lab File: BP001062.D
Acq: 16 Nov 2019 02:26

Tgt Ion:240 Resp: 602965
Ion Ratio Lower Upper
240 100
120 7.8 8.2 12.2#
236 26.8 20.5 30.7

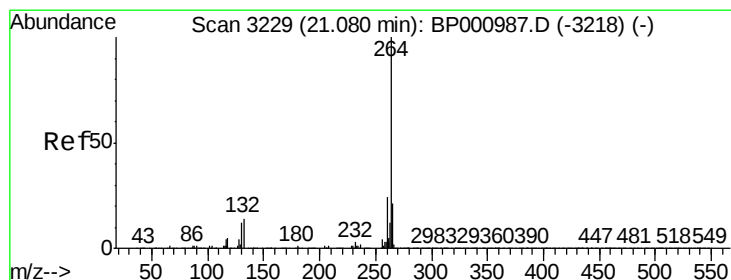
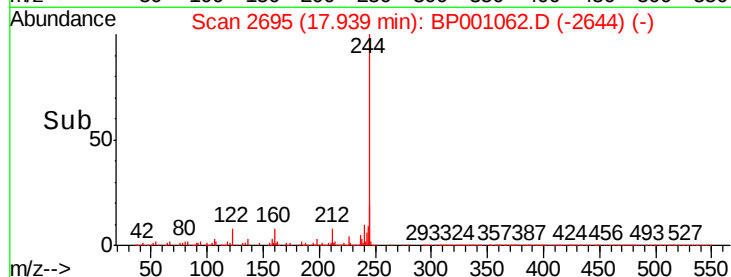
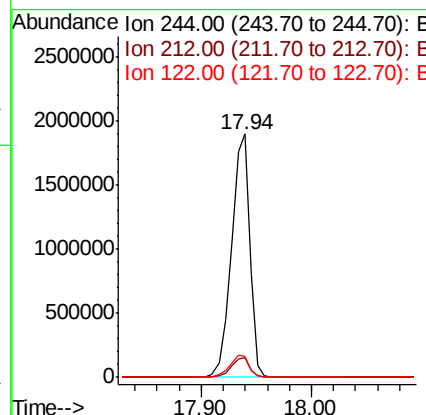
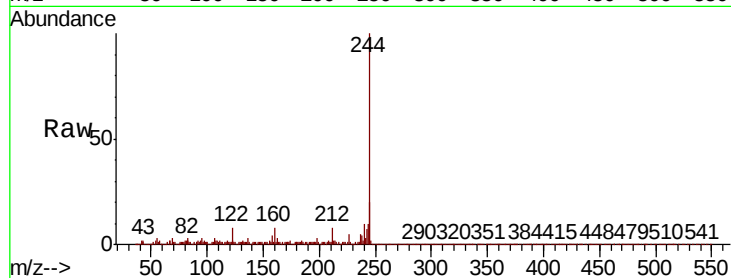




#79
 Terphenyl-d14
 Concen: 72.514 ng
 RT: 17.94 min Scan# 2695
 Delta R.T. -0.00 min
 Lab File: BP001062.D
 Acq: 16 Nov 2019 02:26

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:244 Resp: 2198108
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.0 9.0
 122 8.4 7.4 11.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 21.06 min Scan# 3226
 Delta R.T. -0.02 min
 Lab File: BP001062.D
 Acq: 16 Nov 2019 02:26

Tgt Ion:264 Resp: 707903
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.8 28.2
 265 22.0 17.1 25.7

