

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
 Data File : BP001061.D
 Acq On : 16 Nov 2019 01:56
 Operator : JU
 Sample : K5861-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 16 03:33:35 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	197912	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	730216	20.00	ng	-0.01
39) Acenaphthene-d10	13.25	164	417777	20.00	ng	-0.02
64) Phenanthrene-d10	15.65	188	811692	20.00	ng	-0.01
76) Chrysene-d12	19.28	240	684972	20.00	ng	-0.02
87) Perylene-d12	21.06	264	731643	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.31	112	1236606	113.73	ng	0.01
7) Phenol-d6	7.82	99	1614036	117.39	ng	0.00
23) Nitrobenzene-d5	9.25	82	1024614	77.62	ng	-0.01
42) 2,4,6-Tribromophenol	14.55	330	669840	134.31	ng	0.00
45) 2-Fluorobiphenyl	12.17	172	2131150	76.83	ng	-0.01
79) Terphenyl-d14	17.93	244	2595215	75.36	ng	-0.01

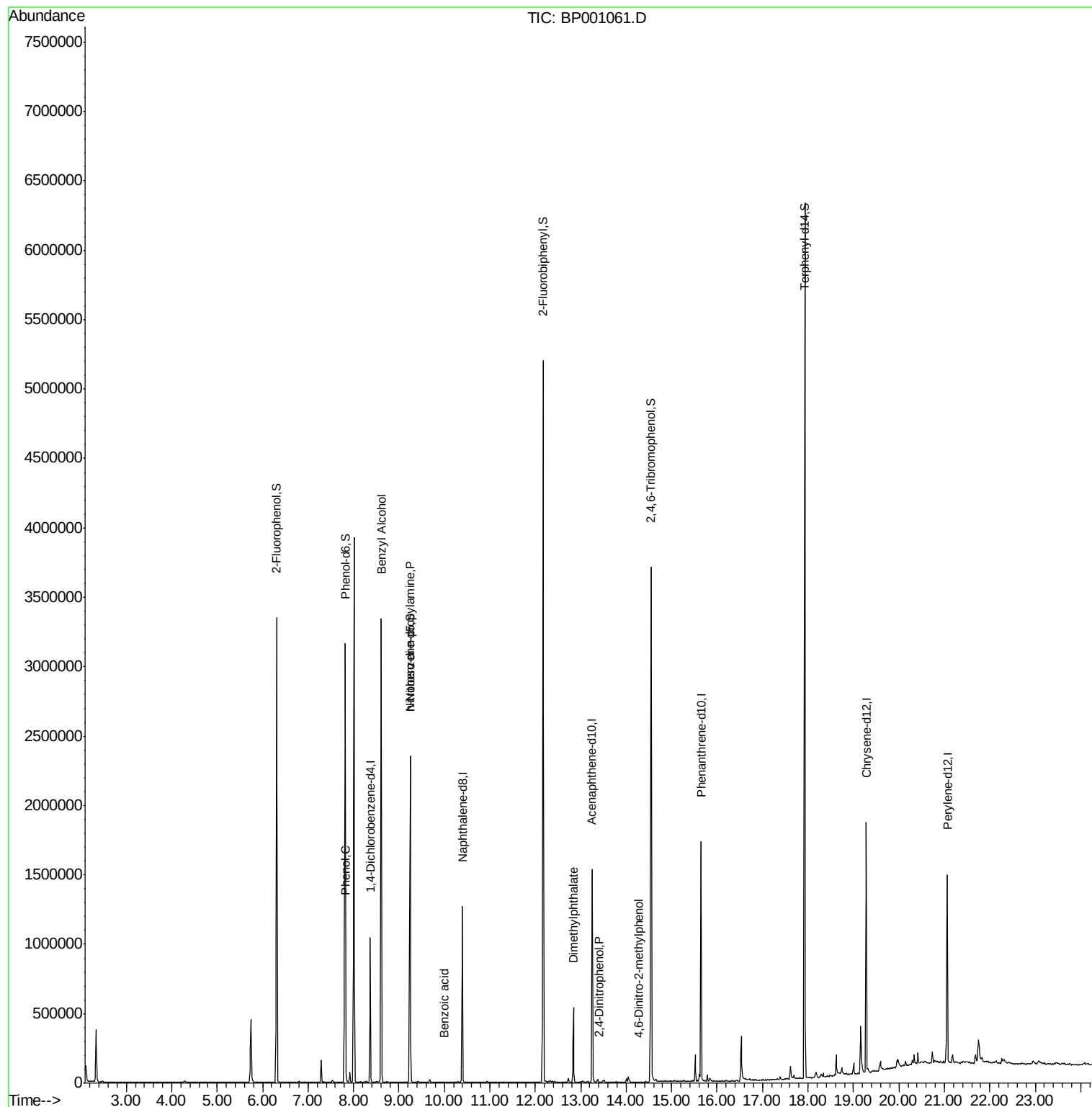
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.83	94	41641	2.769	ng	95
15) Benzyl Alcohol	8.60	79	21090	2.013	ng	# 50
19) n-Nitroso-di-n-propylamine	9.25	70	139534	16.900	ng	# 79
32) Benzoic acid	10.01	122	25	7.672	ng	# 68
50) Dimethylphthalate	12.84	163	281022	9.097	ng	99
54) 2,4-Dinitrophenol	13.40	184	20	8.317	ng	93
65) 4,6-Dinitro-2-methylphenol	14.27	198	32	9.892	ng	# 1

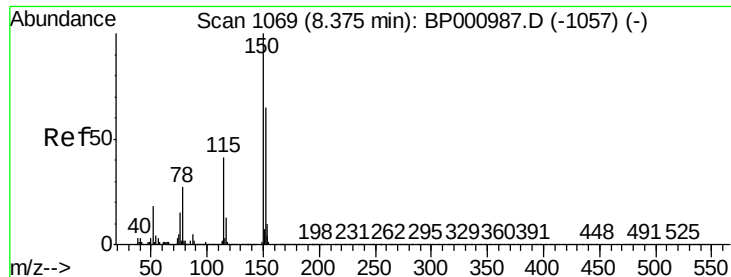
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
Data File : BP001061.D
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Misc :
ALS Vial : 24 Sample Multiplier: 1

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Quant Time: Nov 16 03:33:35 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: BP001061.D

Acq: 16 Nov 2019 01:56

Instrument :

BNA_P

ClientSampleId :

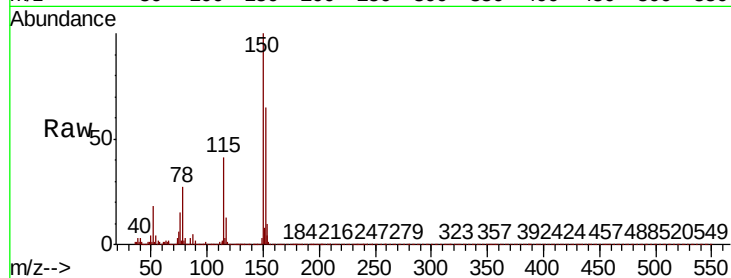
Tot Ion:152 Resp: 197912

Ion Ratio Lower Upper

152 100

150 154.8 123.6 185.4

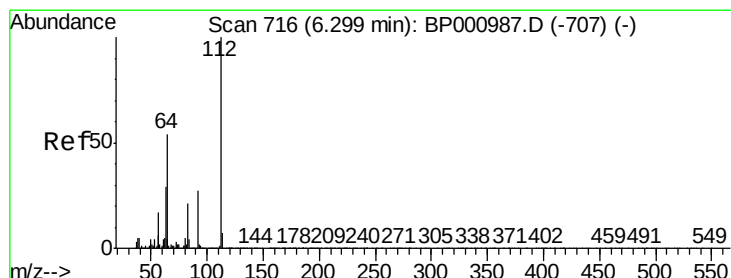
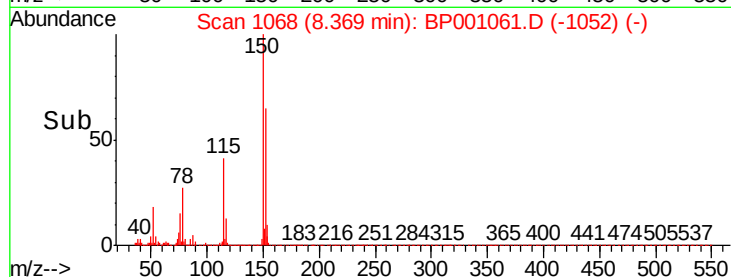
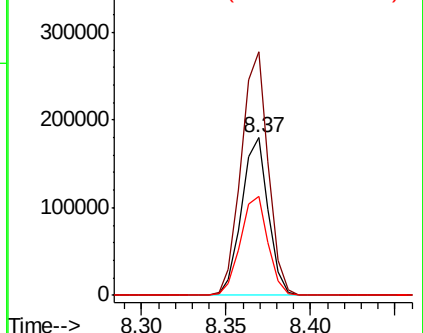
115 63.2 50.1 75.1



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: 113.729 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BP001061.D

Acq: 16 Nov 2019 01:56

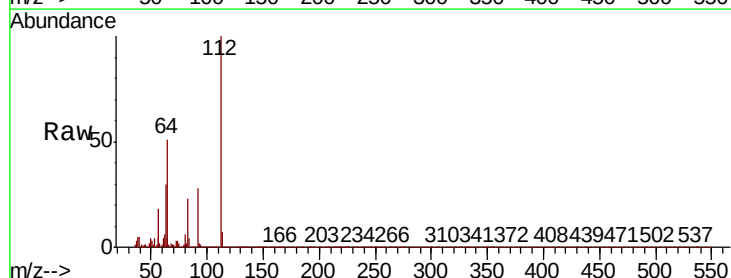
Tgt Ion:112 Resp: 1236606

Ion Ratio Lower Upper

112 100

64 50.8 43.4 65.0

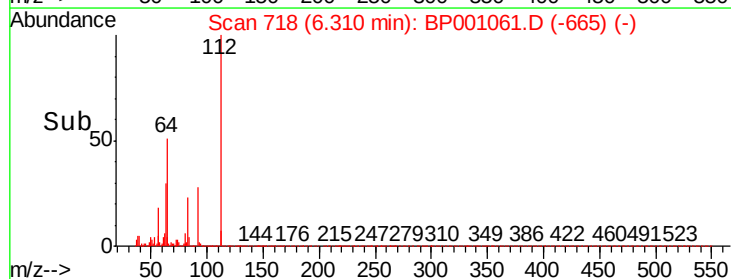
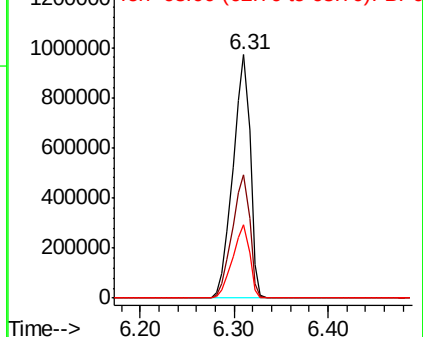
63 30.4 23.4 35.0

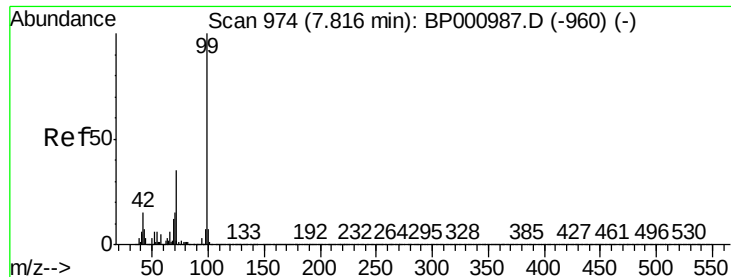


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 117.386 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.01 min

Lab File: BP001061.D

Acq: 16 Nov 2019 01:56

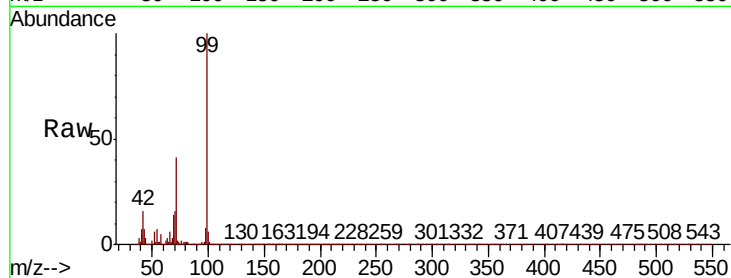
Instrument :

BNA_P

ClientSampled :

Tot Ion: 99 Resp: 1614036

Ion	Ratio	Lower	Upper
99	100		
42	15.6	11.6	17.4
71	40.6	28.0	42.0

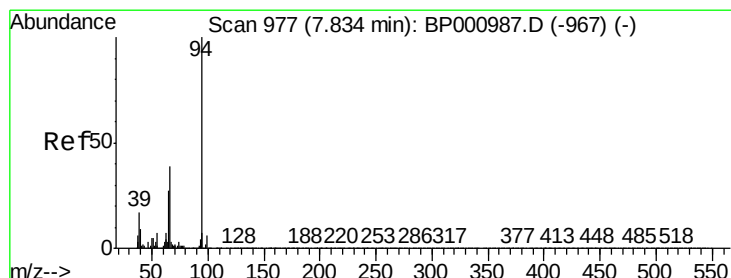
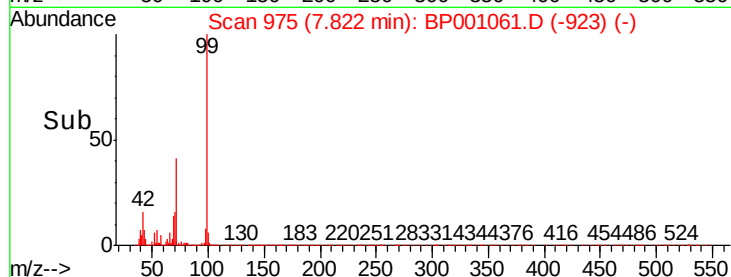
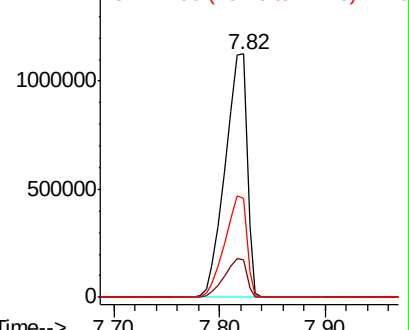


Abundance

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: 2.769 ng

RT: 7.83 min Scan# 977

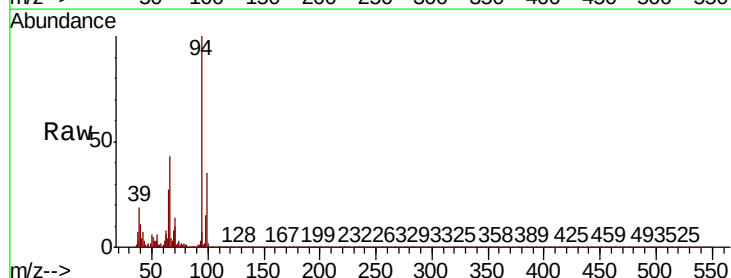
Delta R.T. -0.00 min

Lab File: BP001061.D

Acq: 16 Nov 2019 01:56

Tgt Ion: 94 Resp: 41641

Ion	Ratio	Lower	Upper
94	100		
65	27.4	6.7	46.7
66	43.4	18.6	58.6

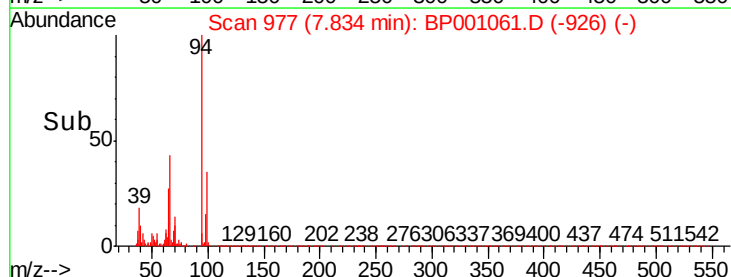
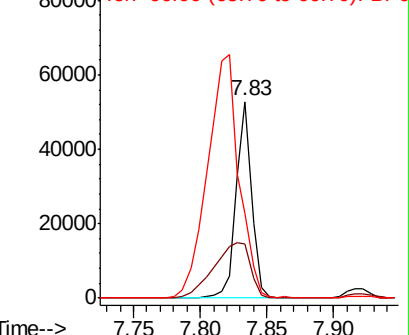


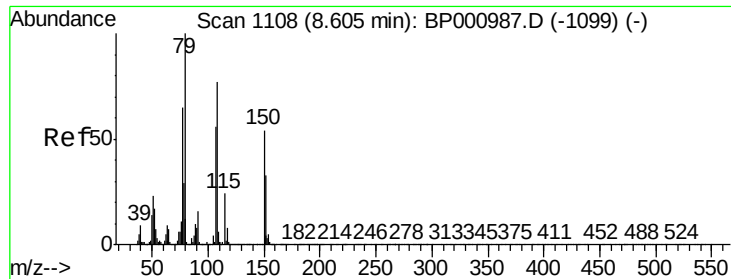
Abundance

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

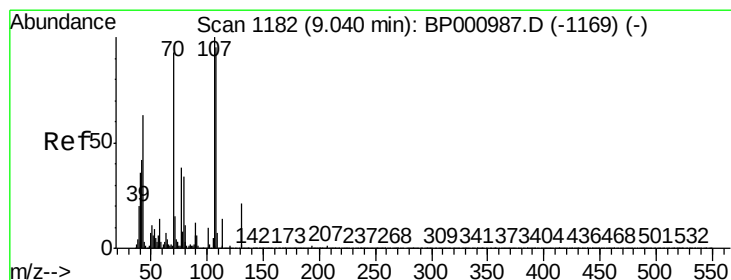
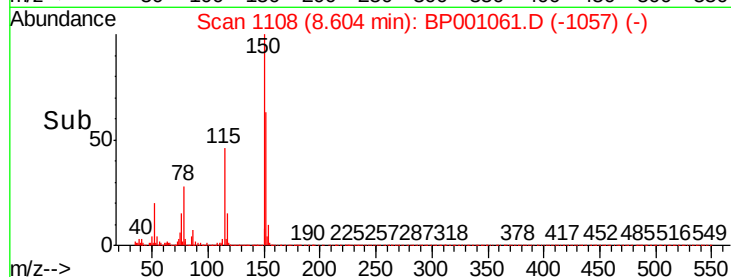
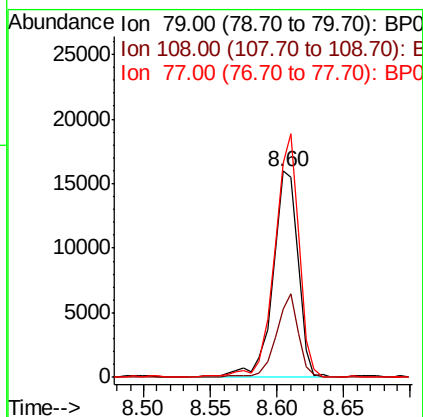
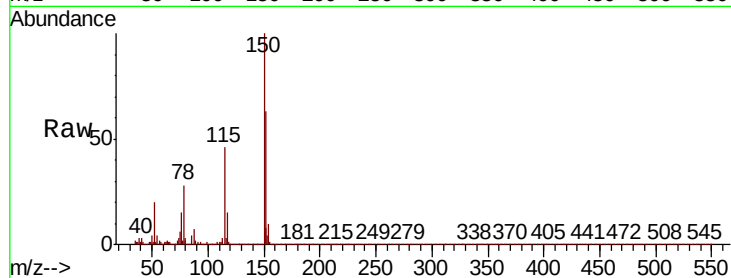




#15
Benzyl Alcohol
Concen: 2.013 ng
RT: 8.60 min Scan# 1108
Delta R.T. -0.00 min
Lab File: BP001061.D
Acq: 16 Nov 2019 01:56

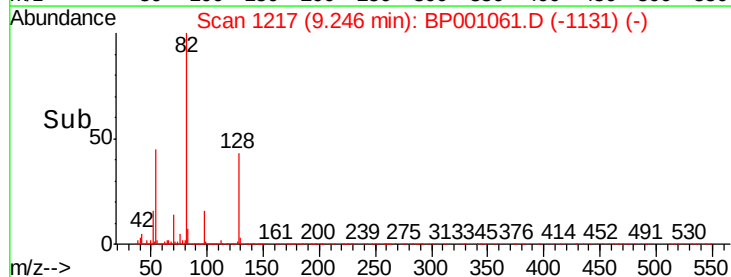
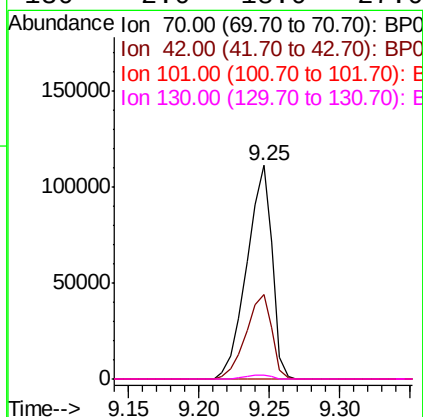
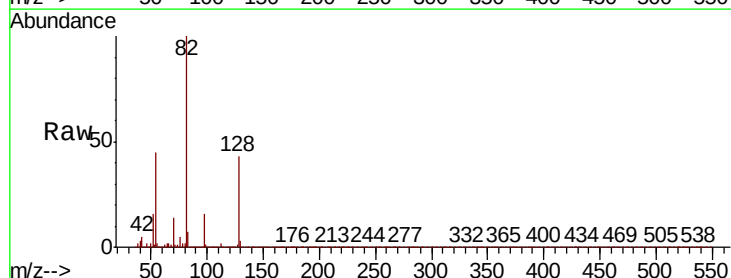
Instrument :
BNA_P
ClientSampleId :

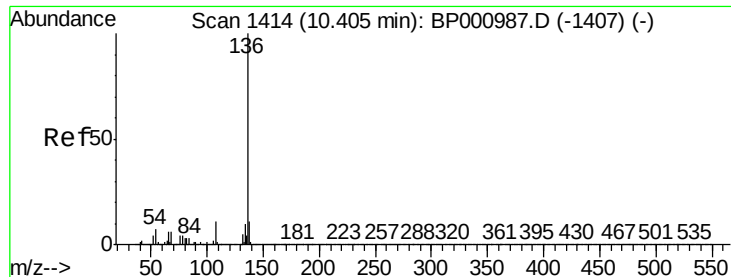
Tot Ion	Ratio	Lower	Upper
79	100		
108	33.2	62.0	93.0#
77	103.9	51.9	77.9#



#19
n-Nitroso-di-n-propylamine
Concen: 16.900 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.21 min
Lab File: BP001061.D
Acq: 16 Nov 2019 01:56

Tgt Ion	Ratio	Lower	Upper
70	100		
42	39.3	36.3	54.5
101	0.0	8.7	13.1#
130	2.0	18.0	27.0#

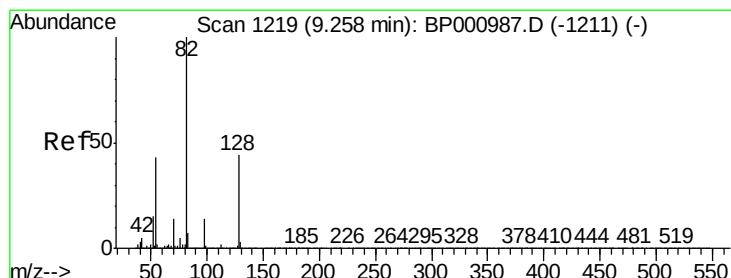
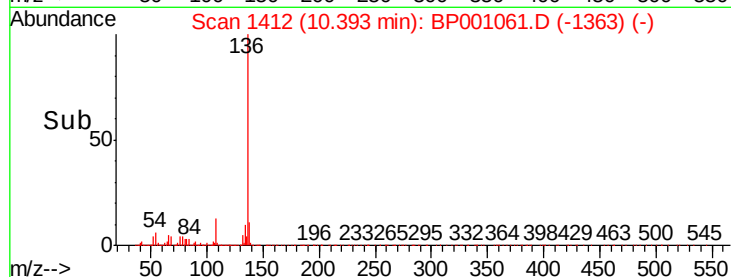
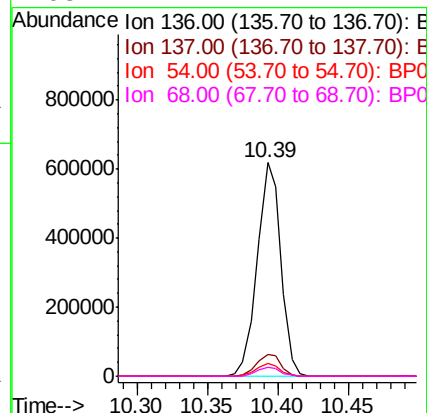
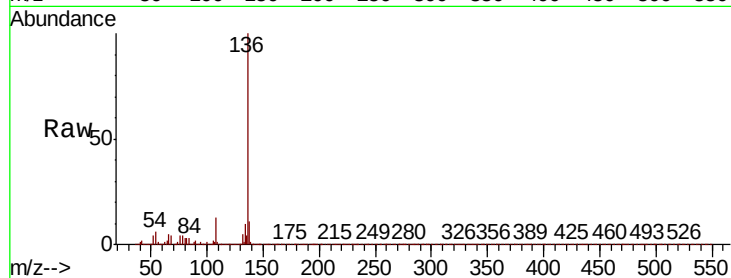




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BP001061.D
Acq: 16 Nov 2019 01:56

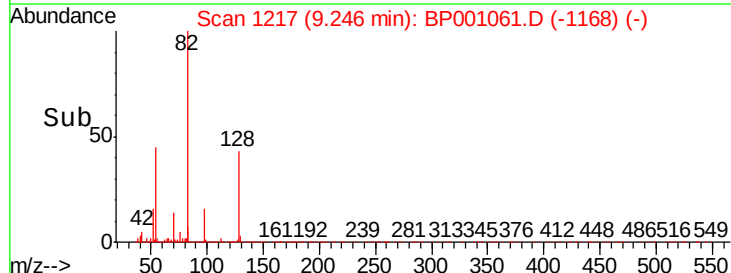
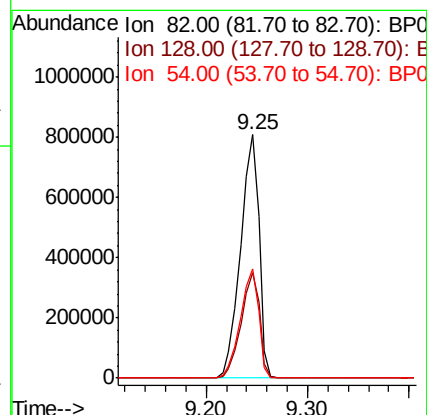
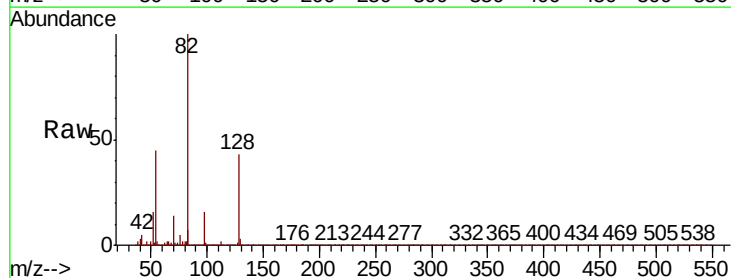
Instrument :
BNA_P
ClientSampleId :

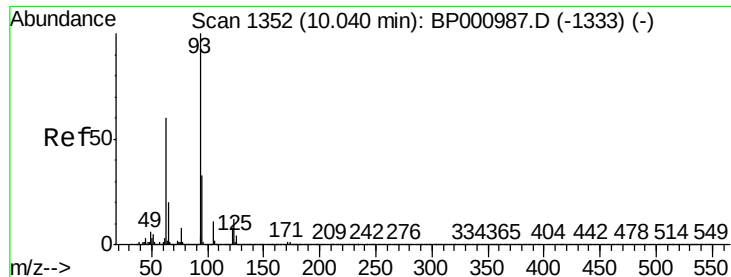
Tot Ion:136	Resp:	730216
Ion Ratio	Lower	Upper
136 100		
137 10.5	9.0	13.6
54 5.8	5.4	8.2
68 4.4	4.7	7.1#



#23
Nitrobenzene-d5
Concen: 77.618 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BP001061.D
Acq: 16 Nov 2019 01:56

Tgt Ion: 82	Resp: 1024614
Ion Ratio	Lower Upper
82 100	
128 43.1	35.3 52.9
54 45.1	34.3 51.5

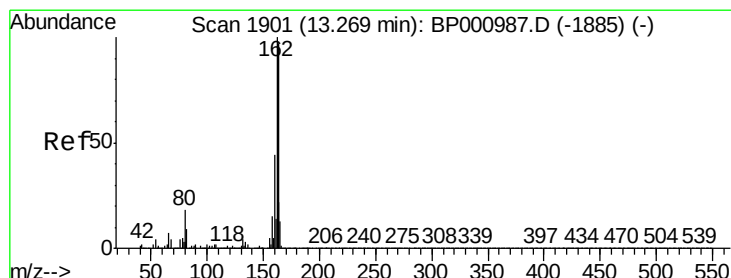
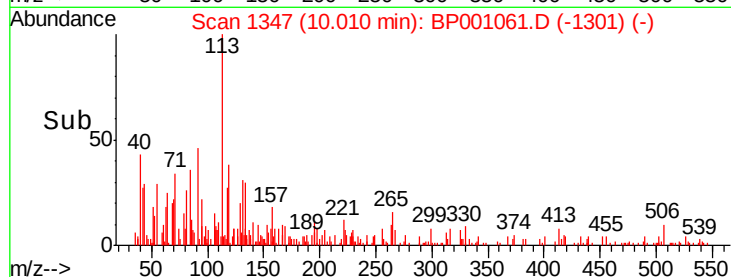
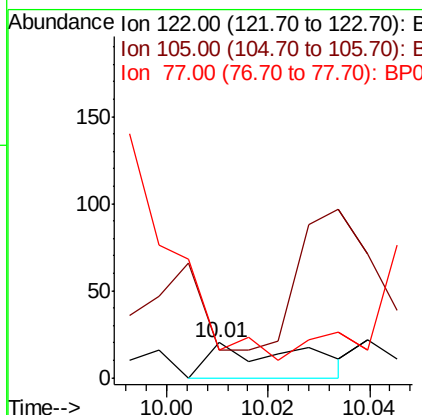
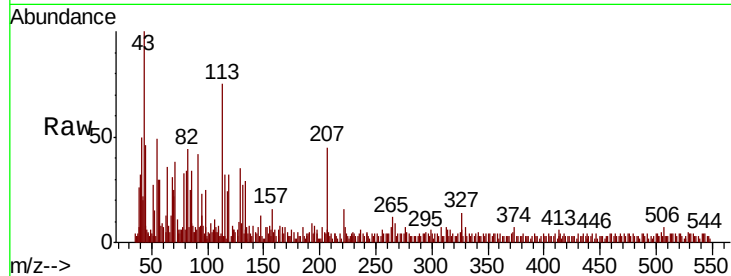




#32
Benzoic acid
Concen: 7.672 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.03 min
Lab File: BP001061.D
Acq: 16 Nov 2019 01:56

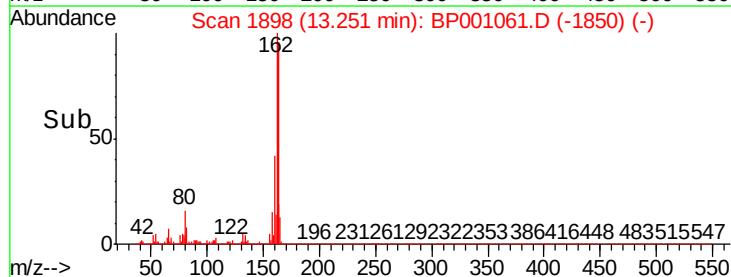
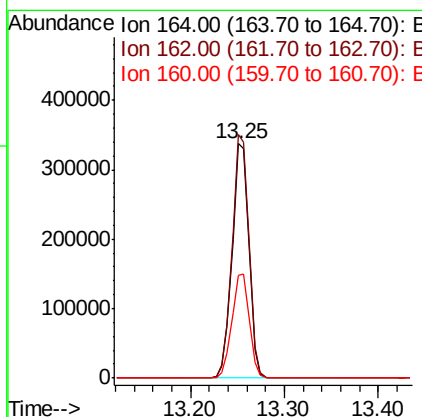
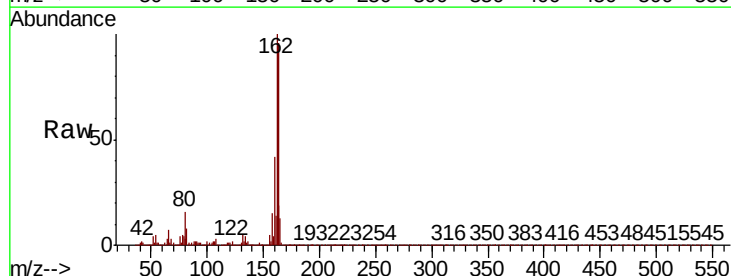
Instrument :
BNA_P
ClientSampleId :

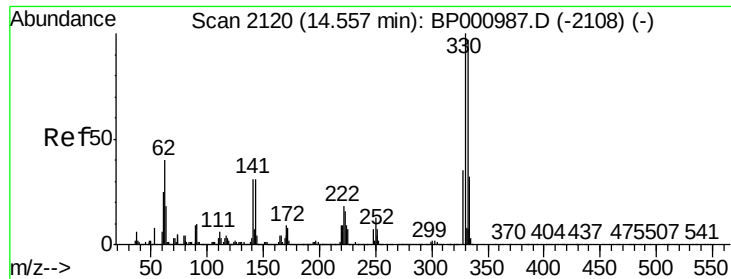
Tot Ion	Ratio	Lower	Upper
122	100		
105	80.0	110.5	150.5#
77	80.0	77.9	117.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.25 min Scan# 1898
Delta R.T. -0.02 min
Lab File: BP001061.D
Acq: 16 Nov 2019 01:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.6	123.8
160	44.0	36.5	54.7

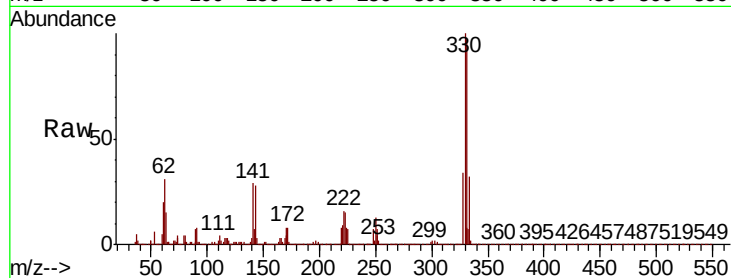




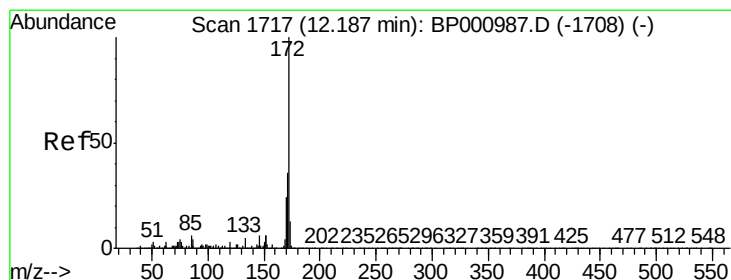
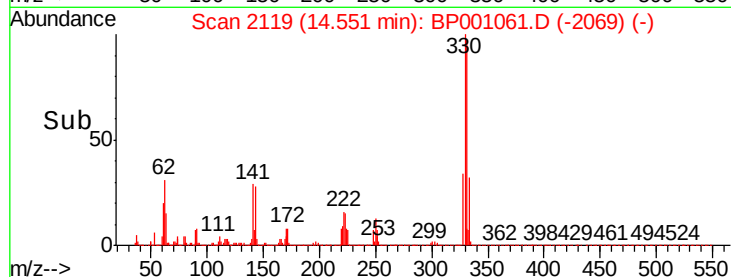
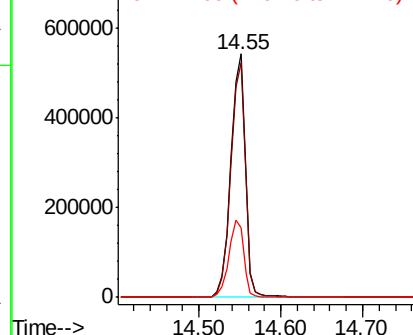
#42
2,4,6-Tribromophenol
Concen: 134.309 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BP001061.D
Acq: 16 Nov 2019 01:56

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.3	117.5
141	32.6	25.0	37.4

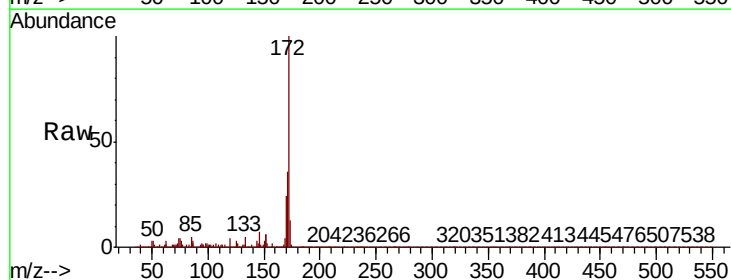


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

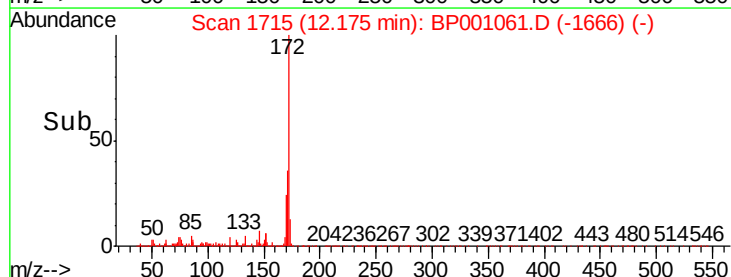
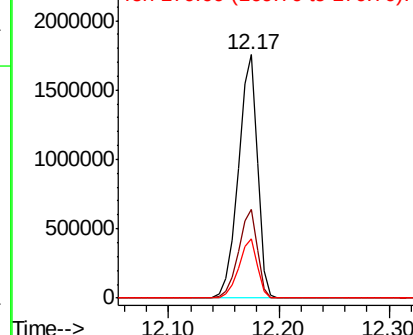


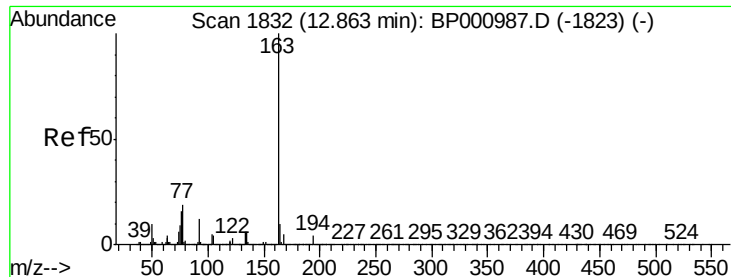
#45
2-Fluorobiphenyl
Concen: 76.828 ng
RT: 12.17 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BP001061.D
Acq: 16 Nov 2019 01:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.5	42.7
170	24.3	18.9	28.3



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





#50

Dimethylphthalate

Concen: 9.097 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BP001061.D

Acq: 16 Nov 2019 01:56

Instrument :

BNA_P

ClientSampleId :

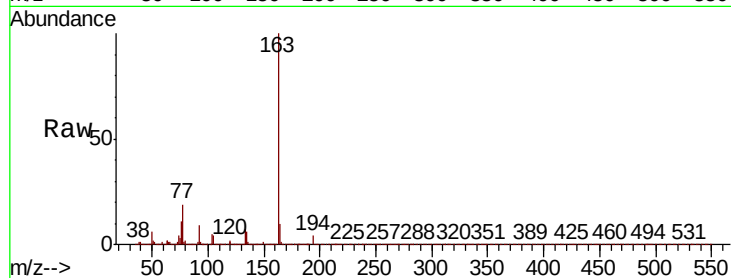
Tot Ion:163 Resp: 281022

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

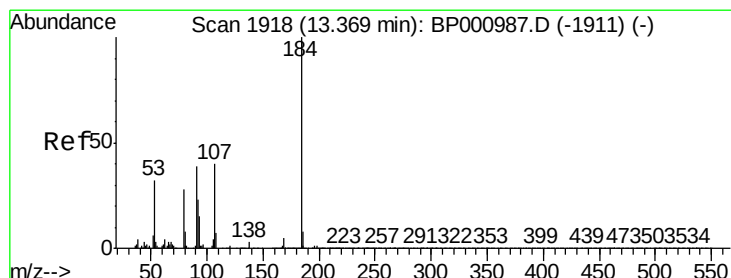
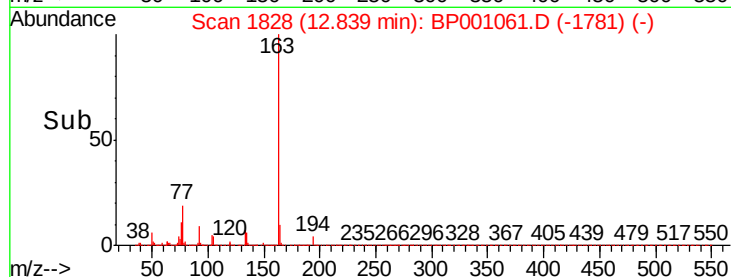
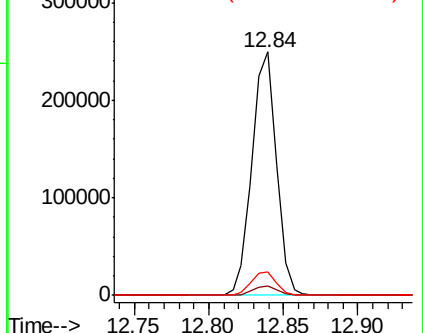
164 9.6 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#54

2,4-Dinitrophenol

Concen: 8.317 ng

RT: 13.40 min Scan# 1924

Delta R.T. 0.04 min

Lab File: BP001061.D

Acq: 16 Nov 2019 01:56

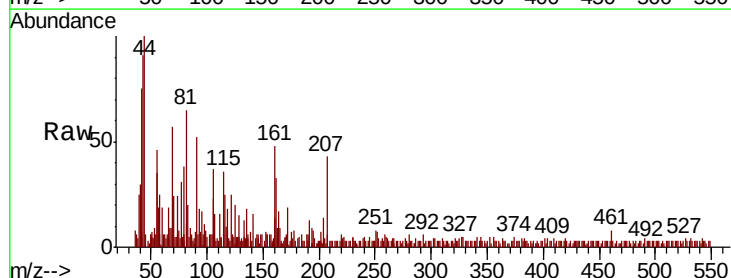
Tgt Ion:184 Resp: 20

Ion Ratio Lower Upper

184 100

63 44.4 41.0 61.6

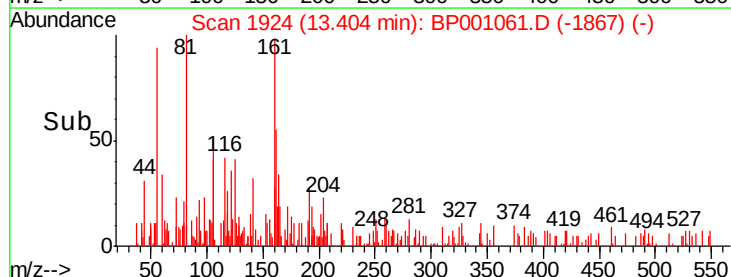
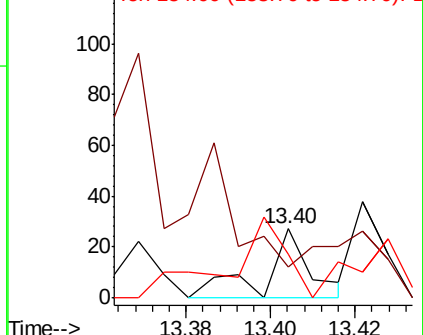
154 63.0 48.1 72.1

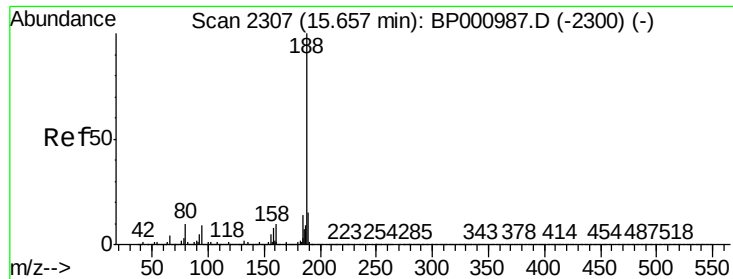


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E

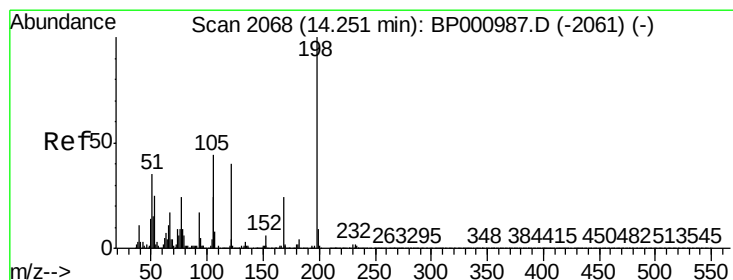
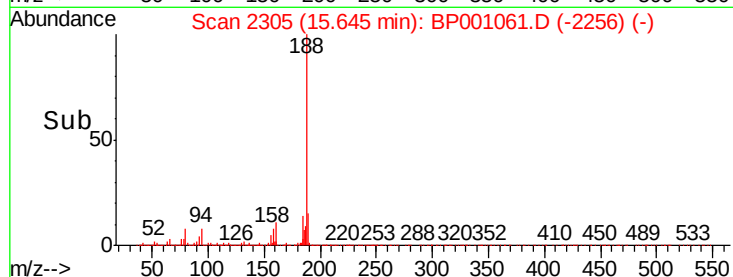
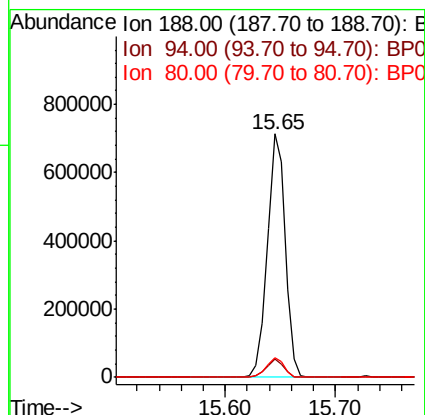
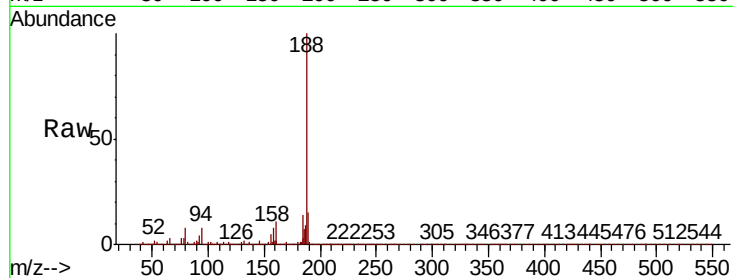




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.65 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BP001061.D
Acq: 16 Nov 2019 01:56

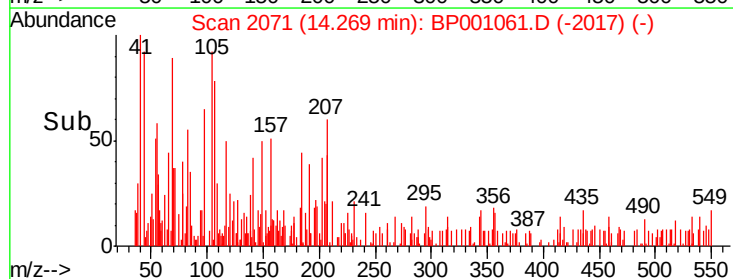
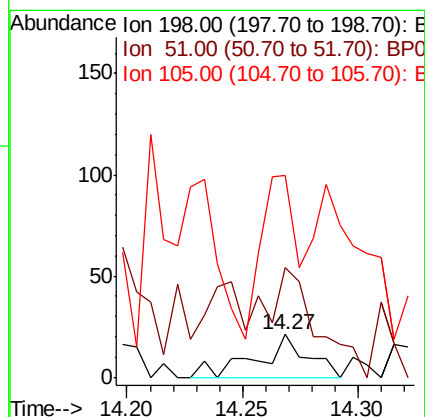
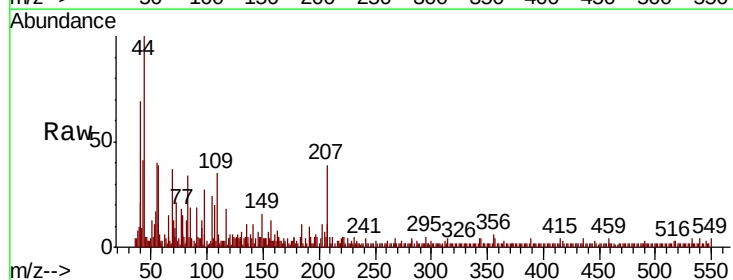
Instrument :
BNA_P
ClientSampled :

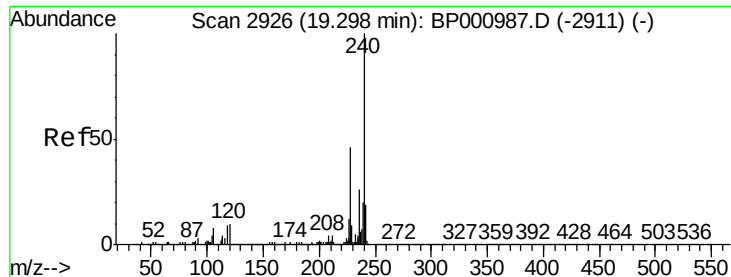
Tot Ion:188 Resp: 811692
Ion Ratio Lower Upper
188 100
94 7.7 7.4 11.2
80 8.2 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 9.892 ng
RT: 14.27 min Scan# 2071
Delta R.T. 0.02 min
Lab File: BP001061.D
Acq: 16 Nov 2019 01:56

Tgt Ion:198 Resp: 32
Ion Ratio Lower Upper
198 100
51 257.1 16.0 56.0#
105 476.2 24.9 64.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.28 min Scan# 2923

Delta R.T. -0.02 min

Lab File: BP001061.D

Acq: 16 Nov 2019 01:56

Instrument :

BNA_P

ClientSampleId :

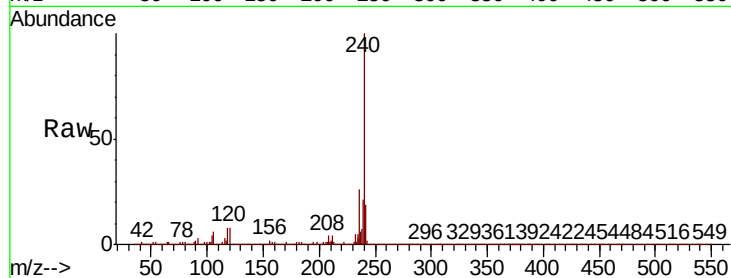
Tot Ion:240 Resp: 684972

Ion Ratio Lower Upper

240 100

120 7.9 8.2 12.2#

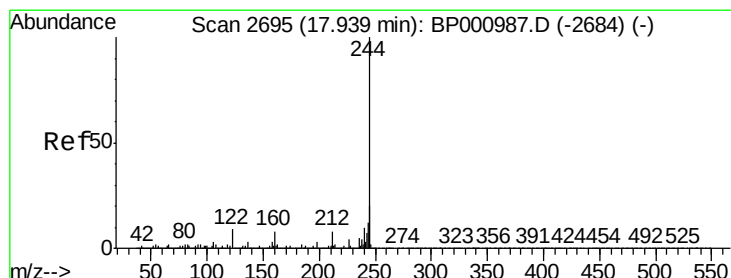
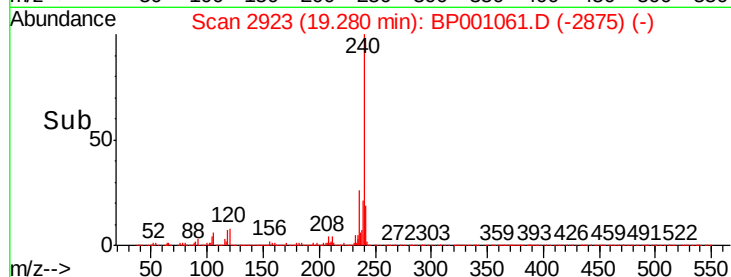
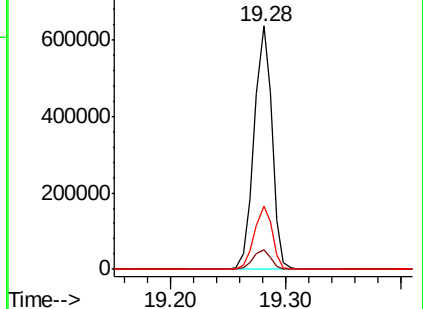
236 26.0 20.5 30.7



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: 75.365 ng

RT: 17.93 min Scan# 2693

Delta R.T. -0.01 min

Lab File: BP001061.D

Acq: 16 Nov 2019 01:56

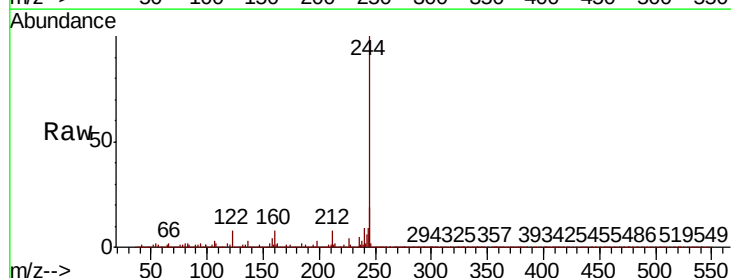
Tgt Ion:244 Resp: 2595215

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

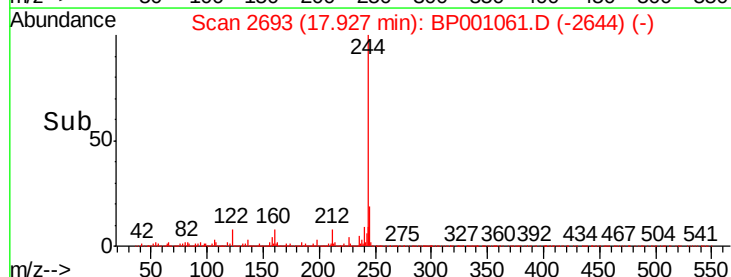
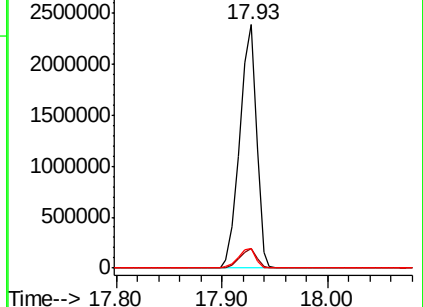
122 8.2 7.4 11.2

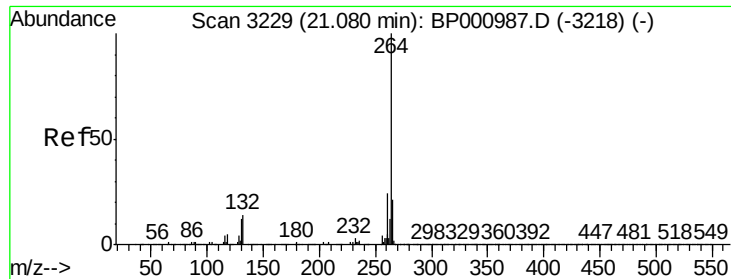


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

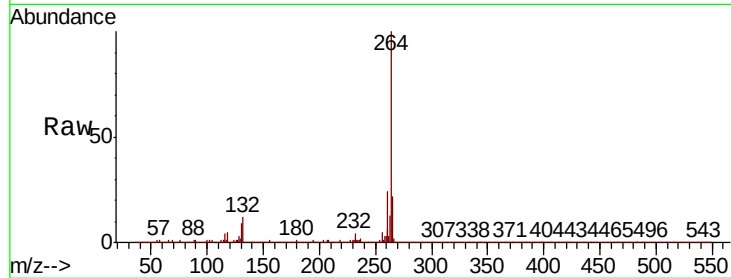




#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.06 min Scan# 3226
Delta R.T. -0.02 min
Lab File: BP001061.D
Acq: 16 Nov 2019 01:56

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.8	28.2
265	21.6	17.1	25.7



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

