

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
 Data File : BP001045.D
 Acq On : 15 Nov 2019 17:55
 Operator : JU
 Sample : K5832-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 16 03:29:32 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

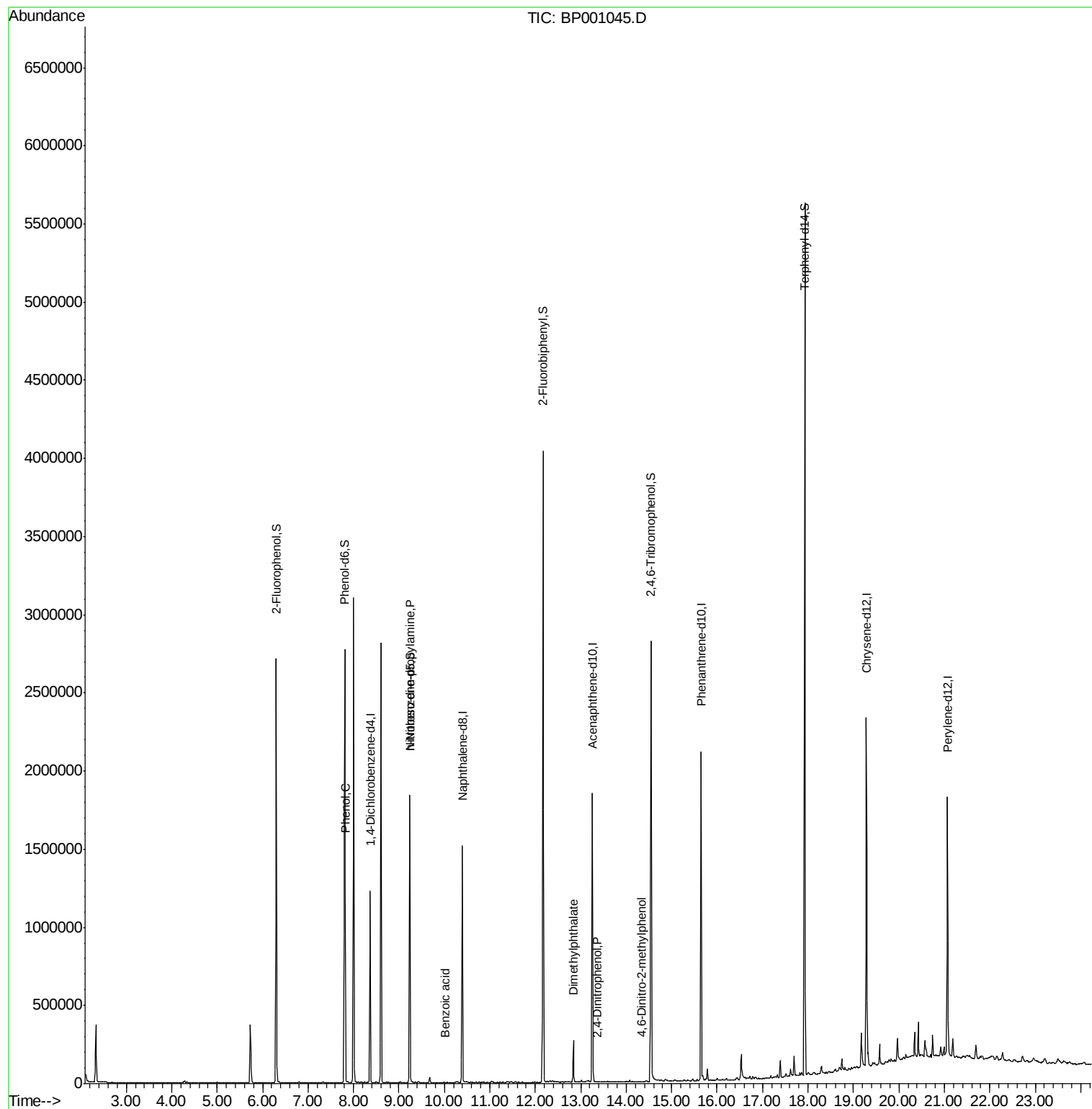
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	237372	20.00	ng	-0.01
21) Naphthalene-d8	10.39	136	870387	20.00	ng	-0.01
39) Acenaphthene-d10	13.26	164	517223	20.00	ng	-0.01
64) Phenanthrene-d10	15.65	188	1017822	20.00	ng	0.00
76) Chrysene-d12	19.29	240	822806	20.00	ng	-0.01
87) Perylene-d12	21.07	264	868924	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	959699	73.59	ng	0.00
7) Phenol-d6	7.81	99	1253212	75.99	ng	0.00
23) Nitrobenzene-d5	9.24	82	779005	49.51	ng	-0.02
42) 2,4,6-Tribromophenol	14.55	330	503243	81.50	ng	-0.01
45) 2-Fluorobiphenyl	12.17	172	1725500	50.24	ng	-0.02
79) Terphenyl-d14	17.93	244	2192113	52.99	ng	-0.01
Target Compounds						
10) Phenol	7.82	94	78151	4.333	ng	90
19) n-Nitroso-di-n-propylamine	9.24	70	106469	10.752	ng	# 78
32) Benzoic acid	10.02	122	33	7.672	ng	# 1
50) Dimethylphthalate	12.84	163	139367	3.644	ng	100
54) 2,4-Dinitrophenol	13.36	184	11	8.312	ng	# 1
65) 4,6-Dinitro-2-methylphenol	14.34	198	31	9.889	ng	# 1

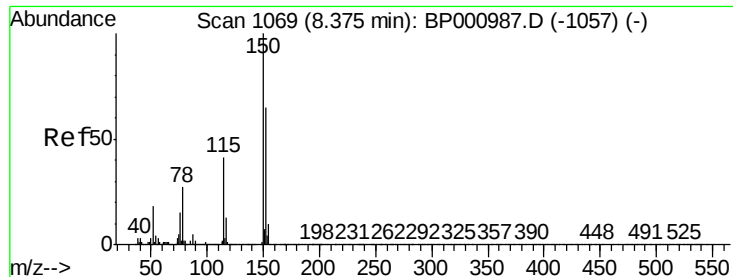
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.36 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BP001045.D

Acq: 15 Nov 2019 17:55

Instrument :

BNA_P

ClientSampleId :

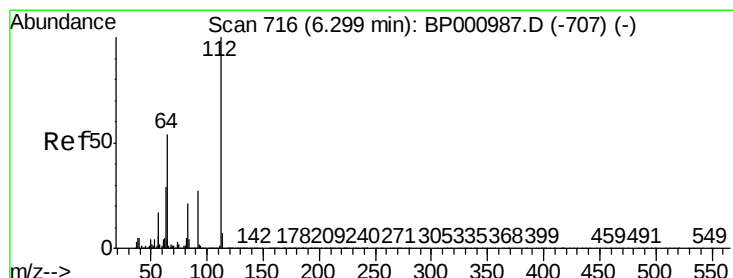
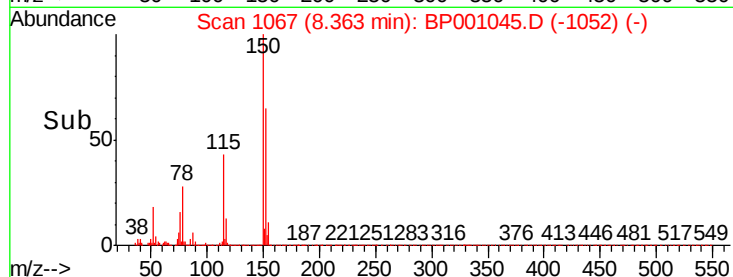
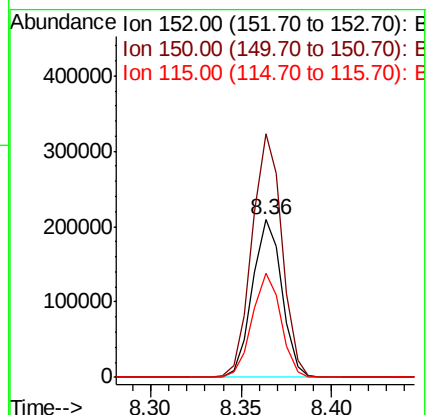
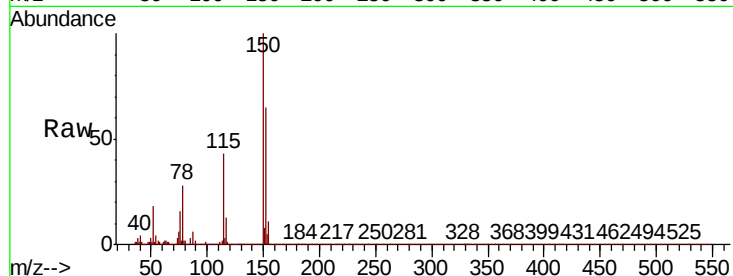
Tot Ion:152 Resp: 237372

Ion Ratio Lower Upper

152 100

150 154.6 123.6 185.4

115 66.1 50.1 75.1



#5

2-Fluorophenol

Concen: 73.590 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BP001045.D

Acq: 15 Nov 2019 17:55

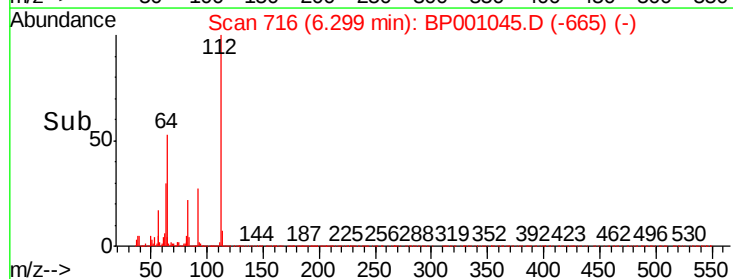
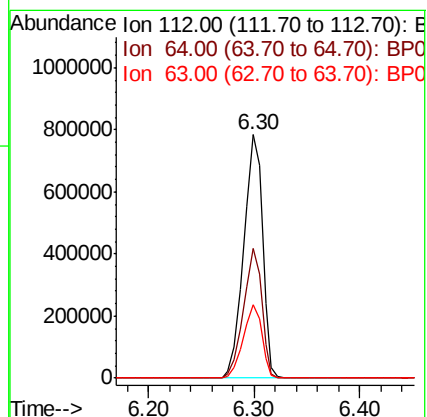
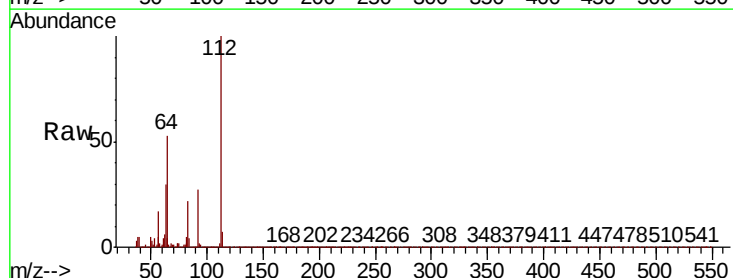
Tgt Ion:112 Resp: 959699

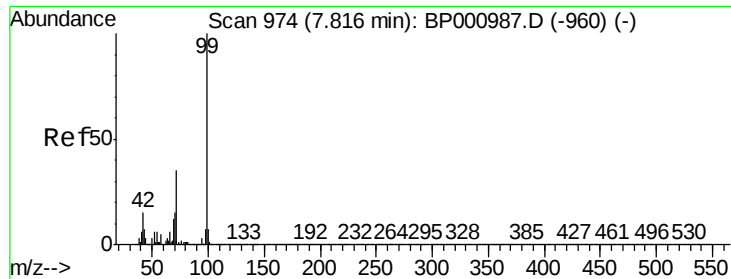
Ion Ratio Lower Upper

112 100

64 53.2 43.4 65.0

63 30.2 23.4 35.0





#7

Phenol-d6

Concen: 75.992 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BP001045.D

Acq: 15 Nov 2019 17:55

Instrument :

BNA_P

ClientSampleId :

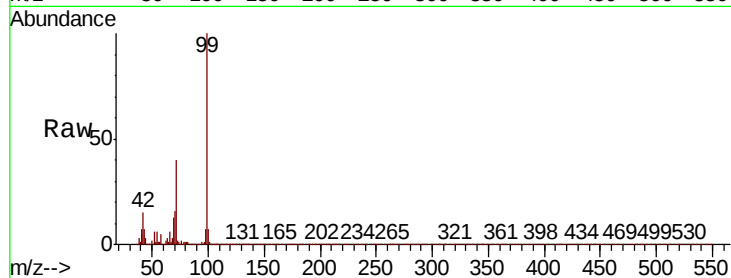
Tot Ion: 99 Resp: 1253212

Ion Ratio Lower Upper

99 100

42 15.4 11.6 17.4

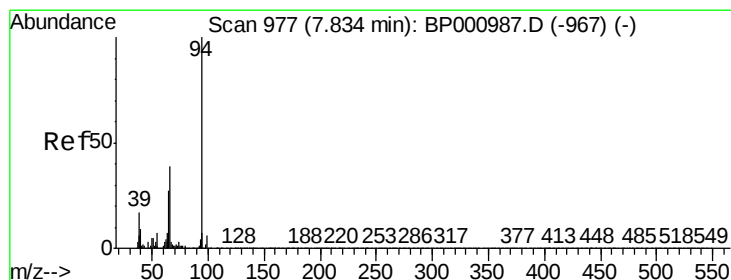
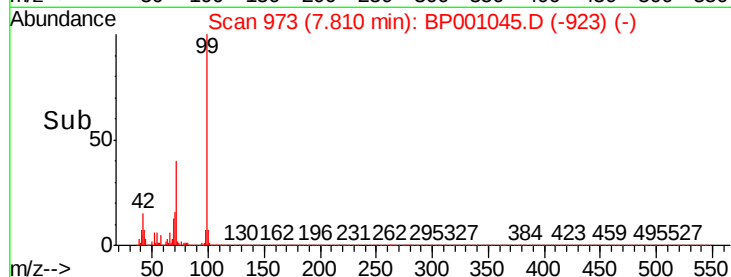
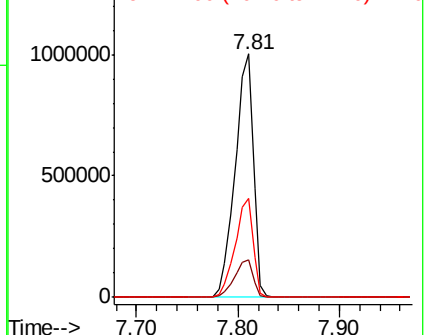
71 40.4 28.0 42.0



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: 4.333 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BP001045.D

Acq: 15 Nov 2019 17:55

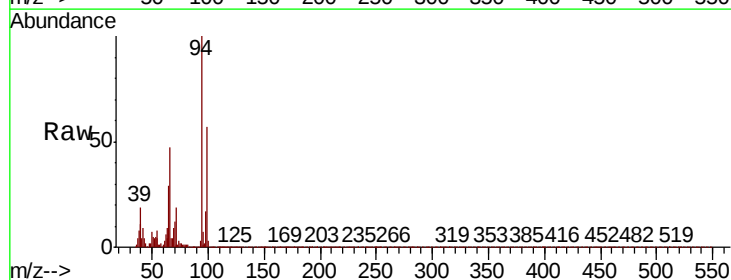
Tgt Ion: 94 Resp: 78151

Ion Ratio Lower Upper

94 100

65 29.0 6.7 46.7

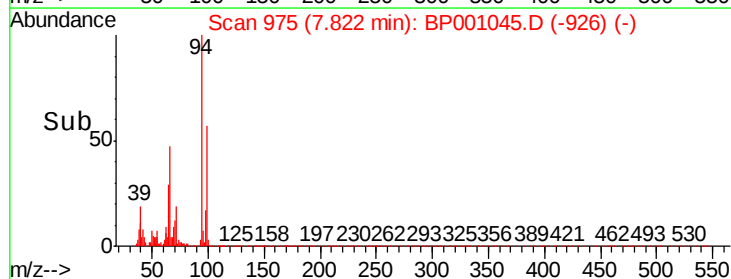
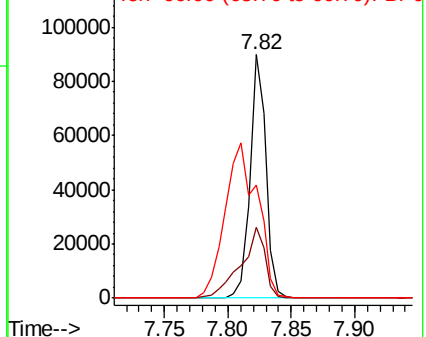
66 46.6 18.6 58.6

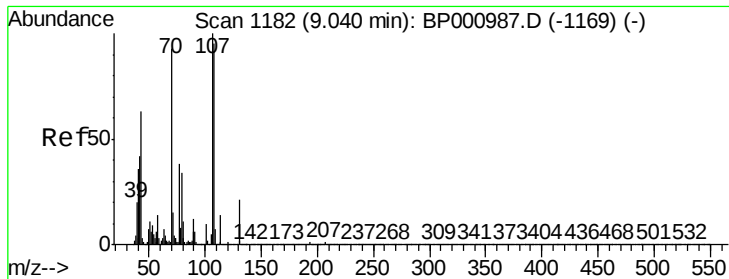


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

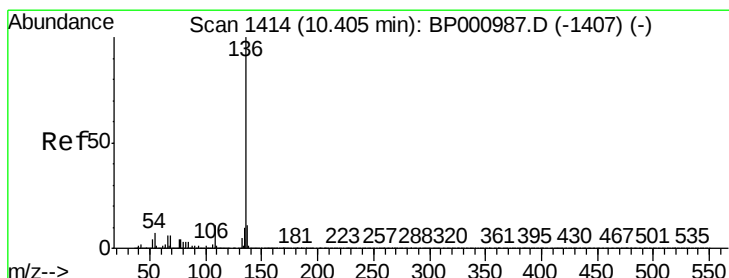
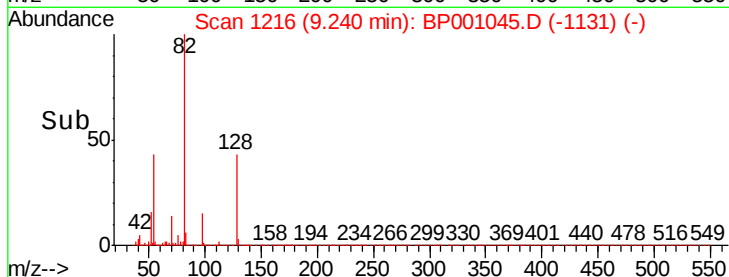
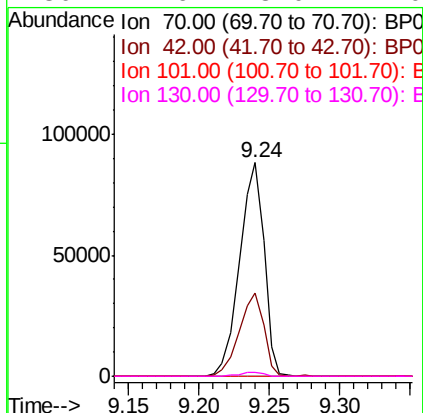
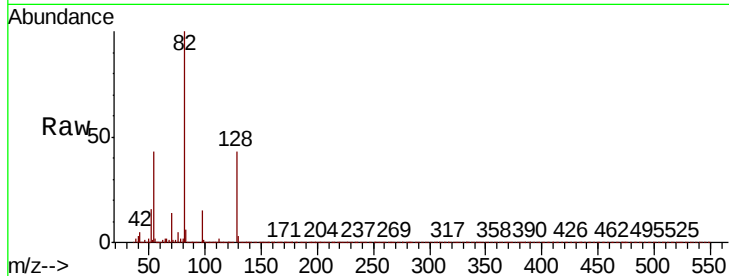




#19
n-Nitroso-di-n-propylamine
Concen: 10.752 ng
RT: 9.24 min Scan# 1216
Delta R.T. 0.20 min
Lab File: BP001045.D
Acq: 15 Nov 2019 17:55

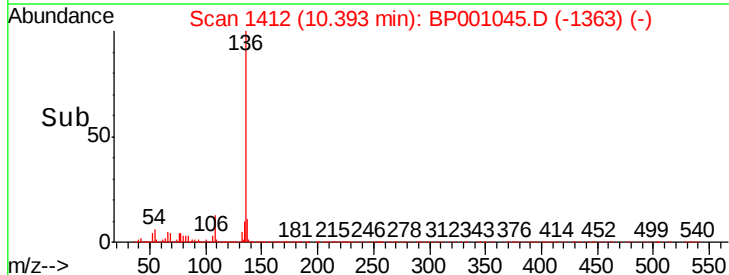
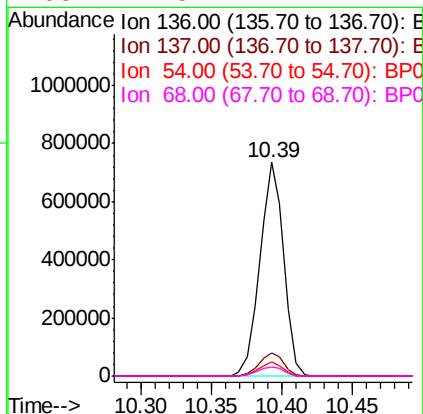
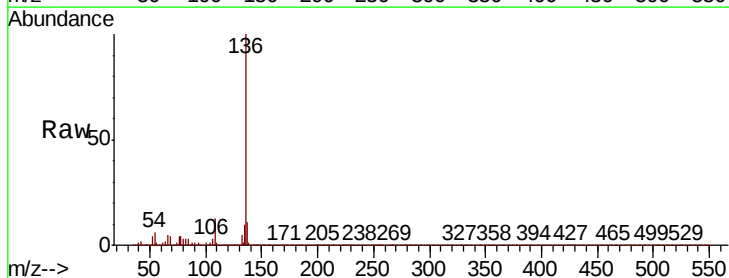
Instrument :
BNA_P
ClientSampleId :

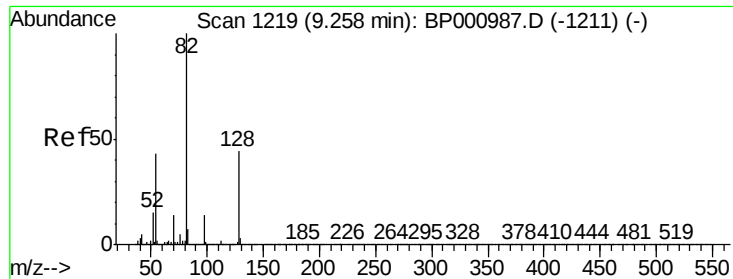
Tot Ion: 70 Resp: 106469
Ion Ratio Lower Upper
70 100
42 39.2 36.3 54.5
101 0.0 8.7 13.1#
130 1.6 18.0 27.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BP001045.D
Acq: 15 Nov 2019 17:55

Tgt Ion: 136 Resp: 870387
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 6.4 5.4 8.2
68 4.5 4.7 7.1#

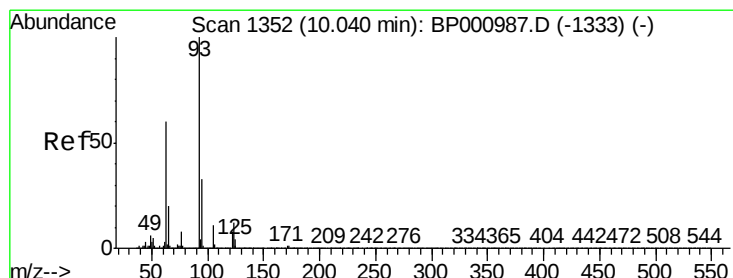
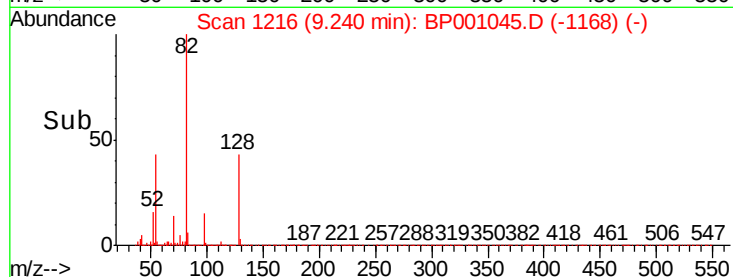
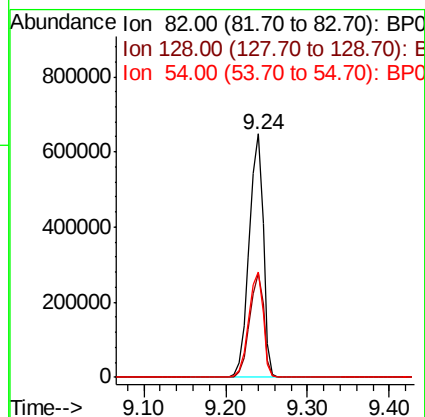
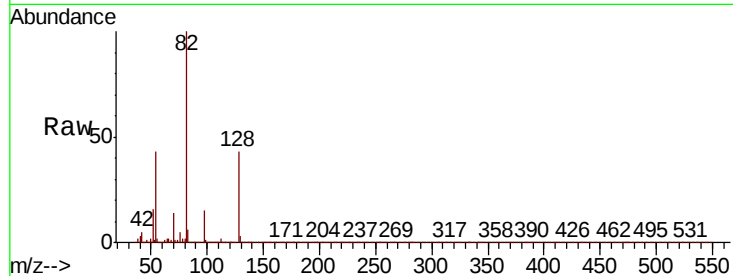




#23
Nitrobenzene-d5
Concen: 49.509 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.02 min
Lab File: BP001045.D
Acq: 15 Nov 2019 17:55

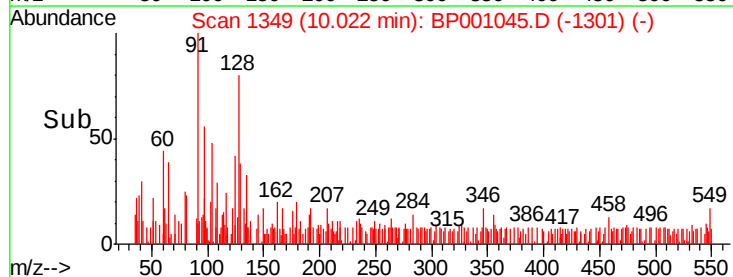
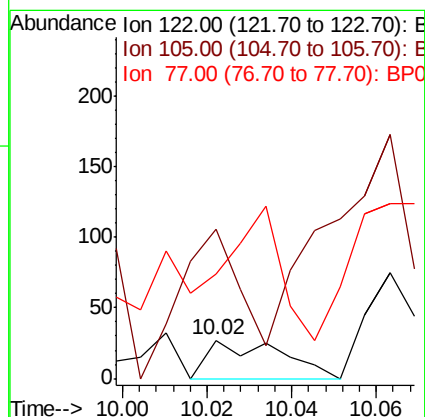
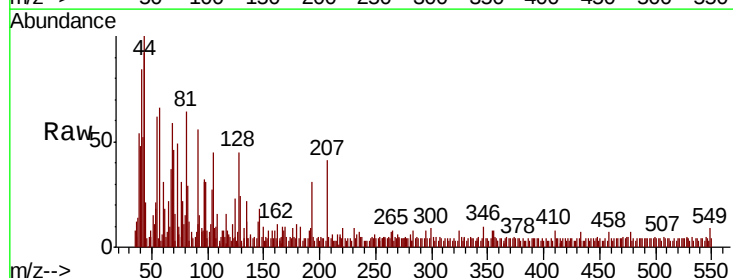
Instrument :
BNA_P
ClientSampleId :

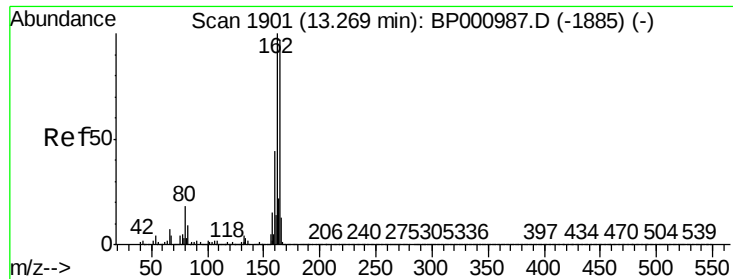
Tot Ion	82	Resp	779005
Ion Ratio	100	Lower	Upper
128	42.6	35.3	52.9
54	43.2	34.3	51.5



#32
Benzoic acid
Concen: 7.672 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BP001045.D
Acq: 15 Nov 2019 17:55

Tgt Ion	122	Resp	33
Ion Ratio	100	Lower	Upper
105	392.6	110.5	150.5#
77	274.1	77.9	117.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.26 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BP001045.D

Acq: 15 Nov 2019 17:55

Instrument :

BNA_P

ClientSampleID :

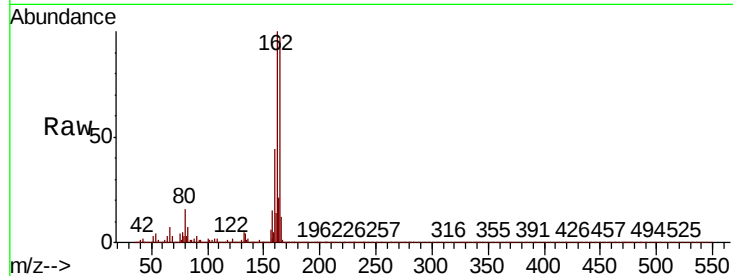
Tot Ion:164 Resp: 517223

Ion Ratio Lower Upper

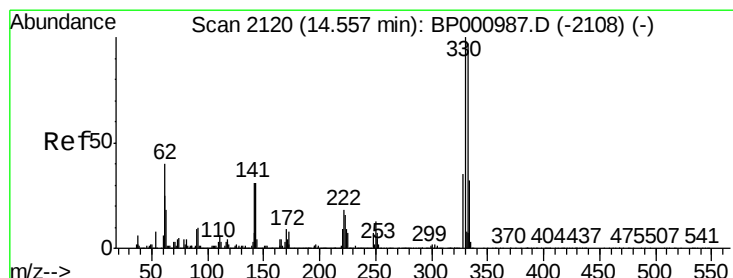
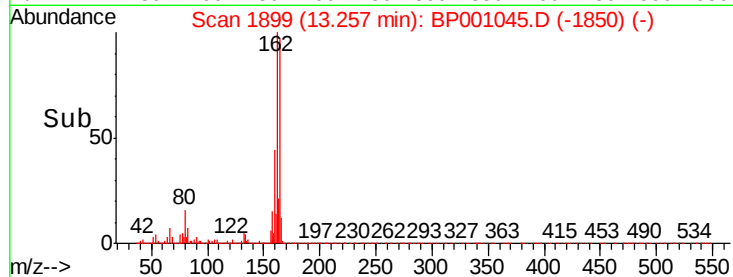
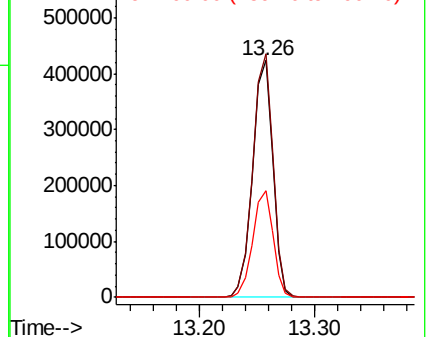
164 100

162 102.7 82.6 123.8

160 45.2 36.5 54.7



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: 81.504 ng

RT: 14.55 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BP001045.D

Acq: 15 Nov 2019 17:55

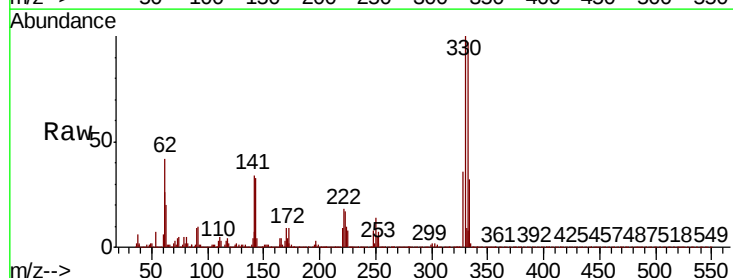
Tgt Ion:330 Resp: 503243

Ion Ratio Lower Upper

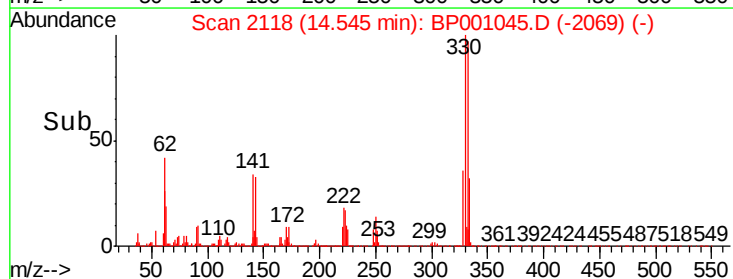
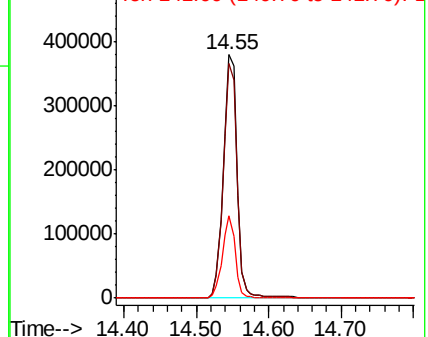
330 100

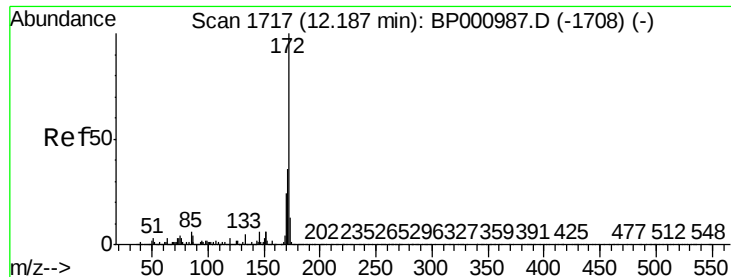
332 96.5 78.3 117.5

141 31.9 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

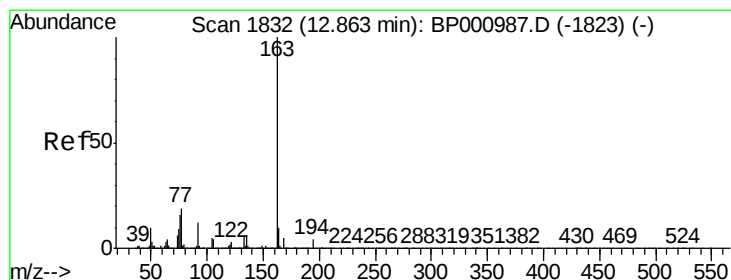
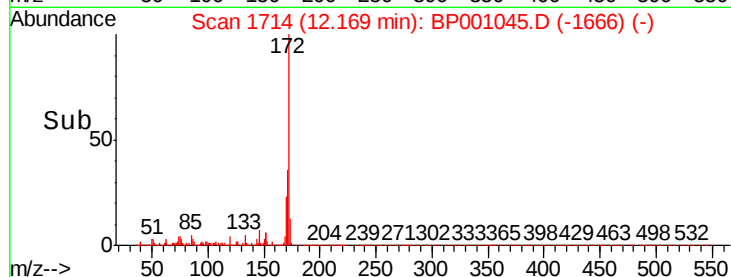
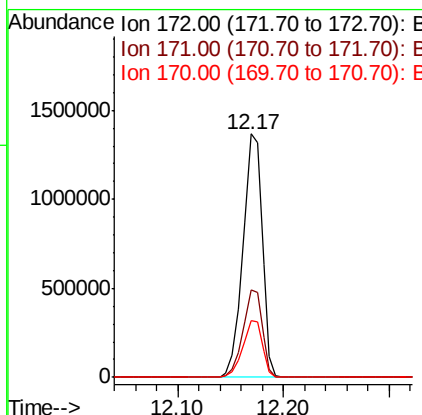
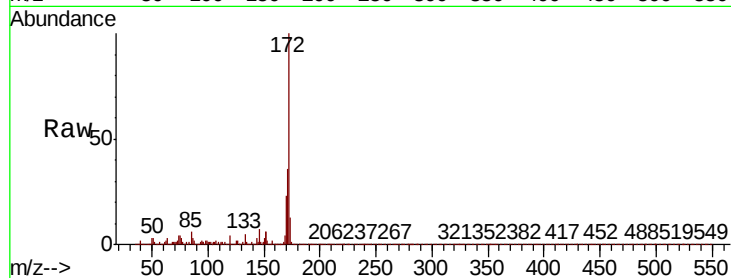




#45
2-Fluorobiphenyl
Concen: 50.245 ng
RT: 12.17 min Scan# 1714
Delta R.T. -0.02 min
Lab File: BP001045.D
Acq: 15 Nov 2019 17:55

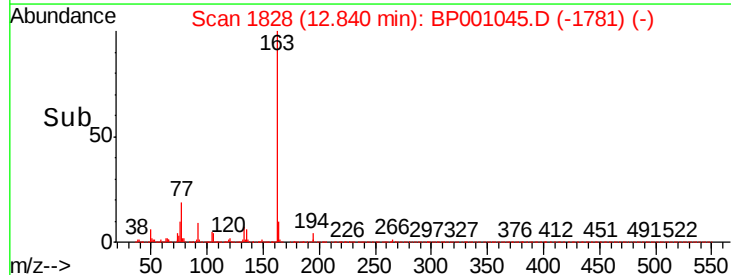
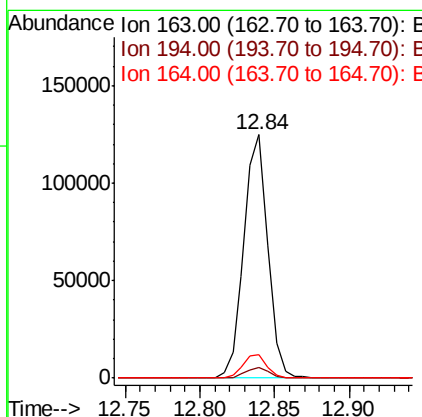
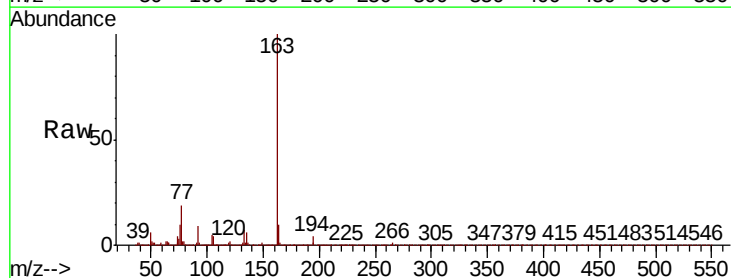
Instrument :
BNA_P
ClientSampled :

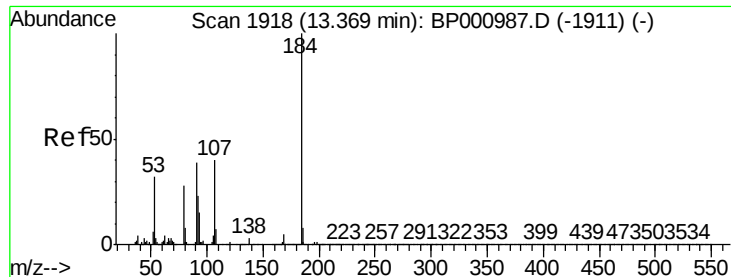
Tot Ion:172 Resp: 1725500
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.3 18.9 28.3



#50
Dimethylphthalate
Concen: 3.644 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BP001045.D
Acq: 15 Nov 2019 17:55

Tgt Ion:163 Resp: 139367
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 9.8 7.9 11.9

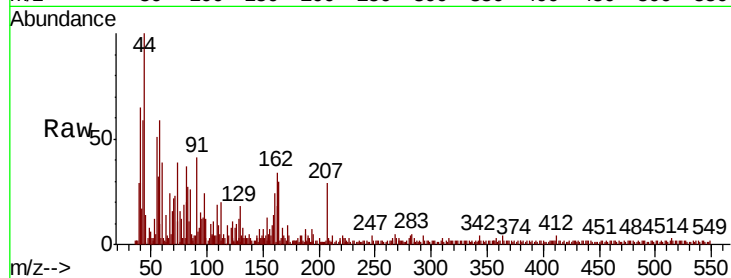




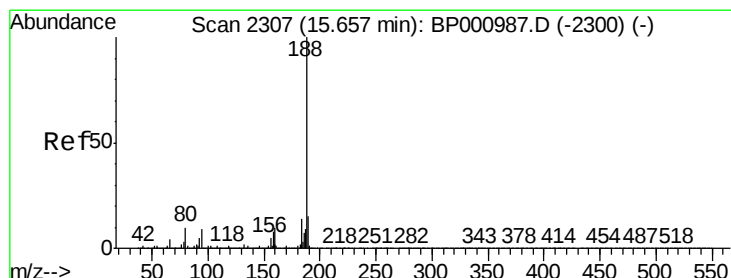
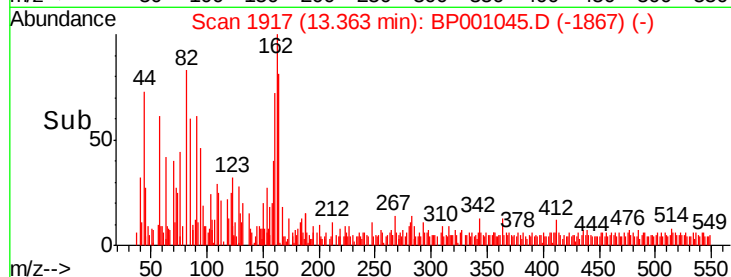
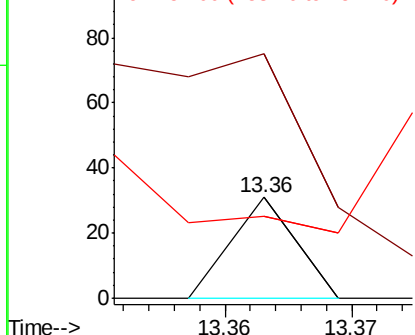
#54
2,4-Dinitrophenol
Concen: 8.312 ng
RT: 13.36 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BP001045.D
Acq: 15 Nov 2019 17:55

Instrument :
BNA_P
ClientSampleId :

Tot Ion:184 Resp: 11
Ion Ratio Lower Upper
184 100
63 258.1 41.0 61.6#
154 80.6 48.1 72.1#

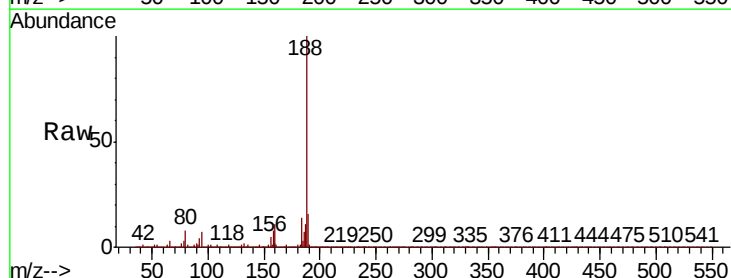


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 154.00 (153.70 to 154.70): E

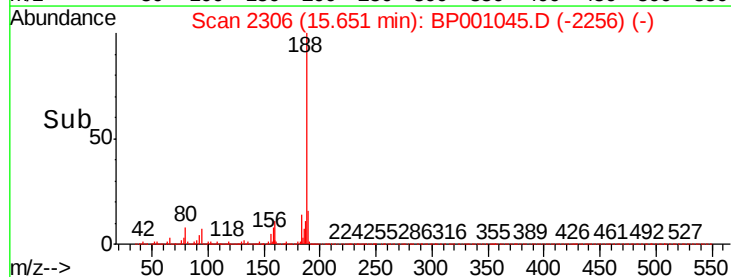
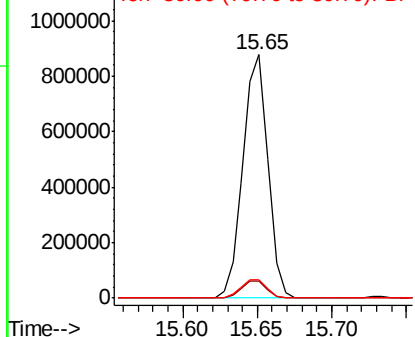


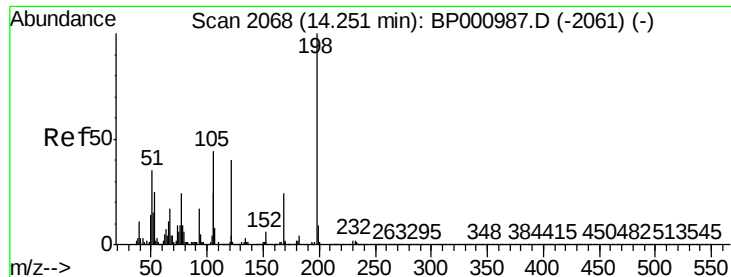
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.65 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BP001045.D
Acq: 15 Nov 2019 17:55

Tgt Ion:188 Resp: 1017822
Ion Ratio Lower Upper
188 100
94 7.2 7.4 11.2#
80 7.7 7.9 11.9#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BP0
Ion 80.00 (79.70 to 80.70): BP0





#65

4,6-Dinitro-2-methylphenol

Concen: 9.889 ng

RT: 14.34 min Scan# 2083

Delta R.T. 0.09 min

Lab File: BP001045.D

Acq: 15 Nov 2019 17:55

Instrument :

BNA_P

ClientSampled :

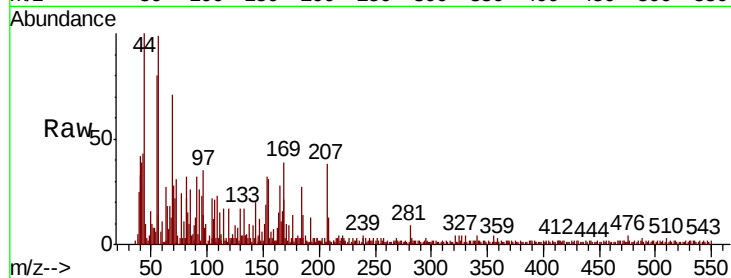
Tot Ion:198 Resp: 31

Ion	Ratio	Lower	Upper
198	100		
51	172.7	16.0	56.0#
105	375.8	24.9	64.9#

198 100

51 172.7 16.0 56.0#

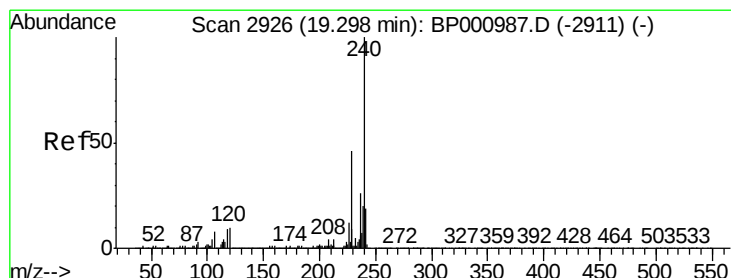
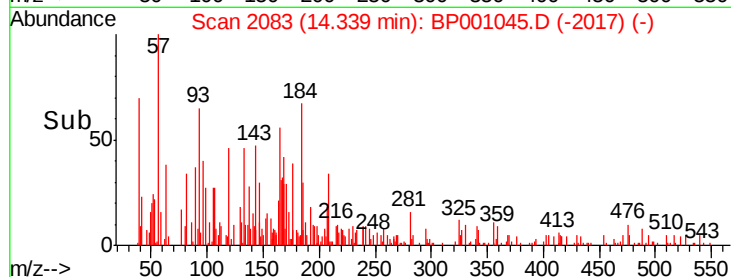
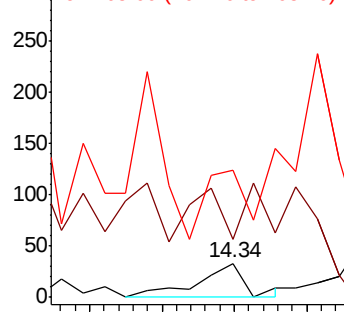
105 375.8 24.9 64.9#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.29 min Scan# 2924

Delta R.T. -0.01 min

Lab File: BP001045.D

Acq: 15 Nov 2019 17:55

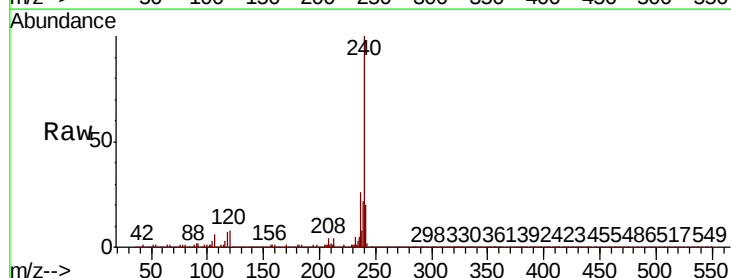
Tgt Ion:240 Resp: 822806

Ion	Ratio	Lower	Upper
240	100		
120	8.2	8.2	12.2#
236	26.0	20.5	30.7

240 100

120 8.2 8.2 12.2#

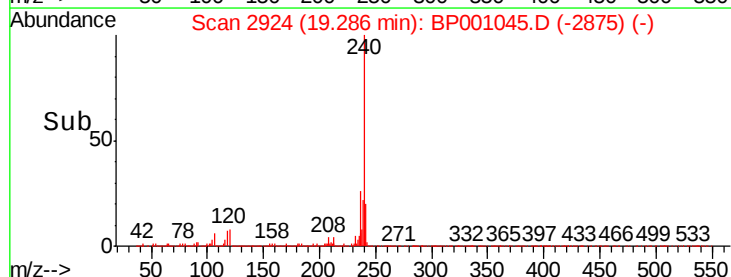
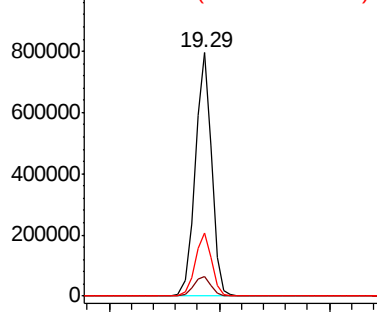
236 26.0 20.5 30.7

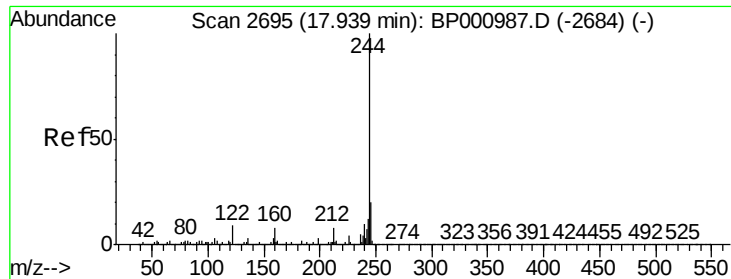


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 52.995 ng

RT: 17.93 min Scan# 2693

Delta R.T. -0.01 min

Lab File: BP001045.D

Acq: 15 Nov 2019 17:55

Instrument :

BNA_P

ClientSampled :

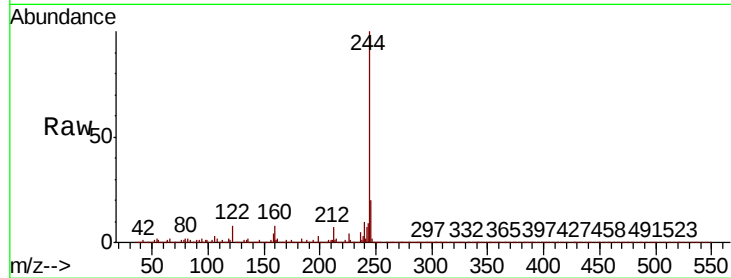
Tot Ion:244 Resp: 2192113

Ion Ratio Lower Upper

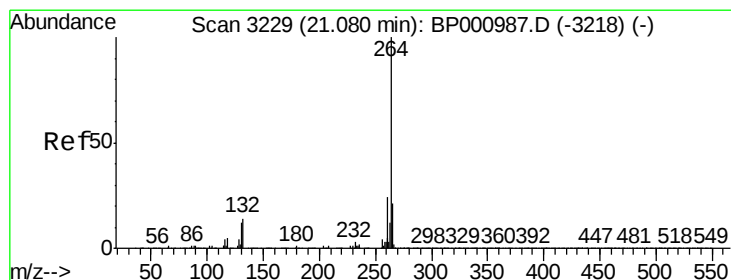
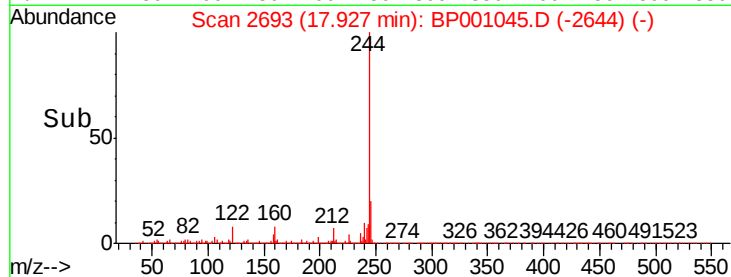
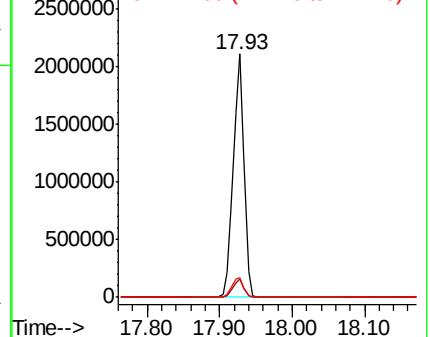
244 100

212 7.5 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

Perylene-d12

Concen: 20.000 ng

RT: 21.07 min Scan# 3227

Delta R.T. -0.01 min

Lab File: BP001045.D

Acq: 15 Nov 2019 17:55

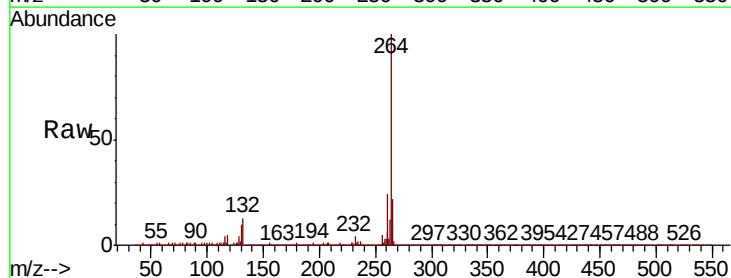
Tgt Ion:264 Resp: 868924

Ion Ratio Lower Upper

264 100

260 24.5 18.8 28.2

265 22.2 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

