

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092019\
 Data File : BP000353.D
 Acq On : 20 Sep 2019 14:48
 Operator : HP/JU
 Sample : K4957-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 20 23:13:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	214556	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	785084	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	438403	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	795094	20.00	ng	0.00
76) Chrysene-d12	13.99	240	703999	20.00	ng	-0.01
87) Perylene-d12	15.47	264	814749	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	1154999	92.93	ng	0.00
7) Phenol-d6	6.43	99	1484173	97.42	ng	0.00
23) Nitrobenzene-d5	7.35	82	815520	67.02	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	449742	103.43	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1896244	77.85	ng	0.00
79) Terphenyl-d14	12.93	244	2178861	64.93	ng	0.00

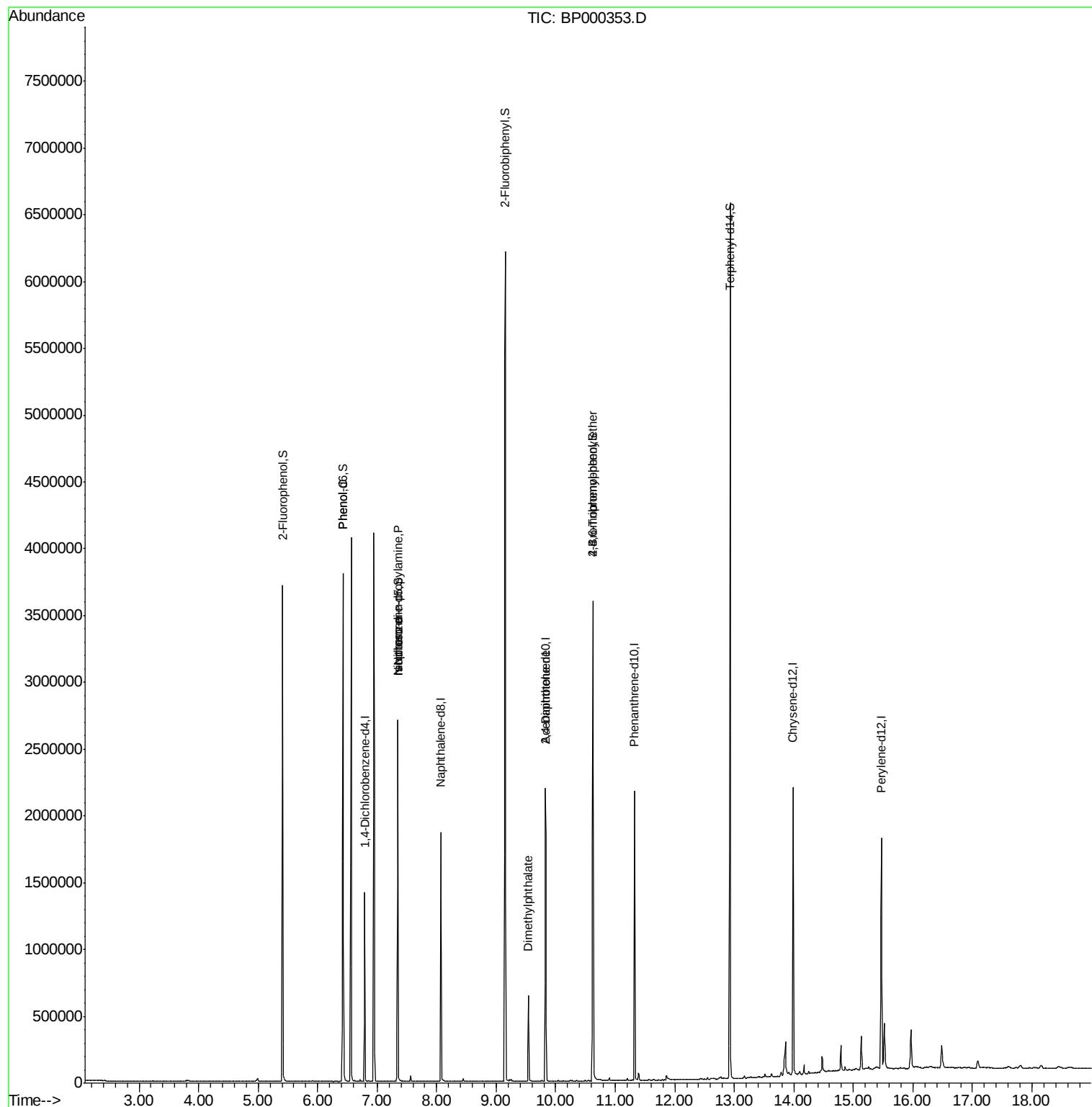
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.43	77	2979	Below Cal	#	1
10) Phenol	6.43	94	69422	4.011	ng	83
19) n-Nitroso-di-n-propylamine	7.35	70	101138	12.556	ng	75
25) Isophorone	7.35	82	815356	33.840	ng	63
50) Dimethylphthalate	9.54	163	255663	8.559	ng	99
57) 2,4-Dinitrotoluene	9.83	165	57561	6.704	ng	35
67) 4-Bromophenyl-phenylether	10.62	248	30355	3.376	ng	1
69) Atrazine	11.02	200	57	Below Cal	#	25

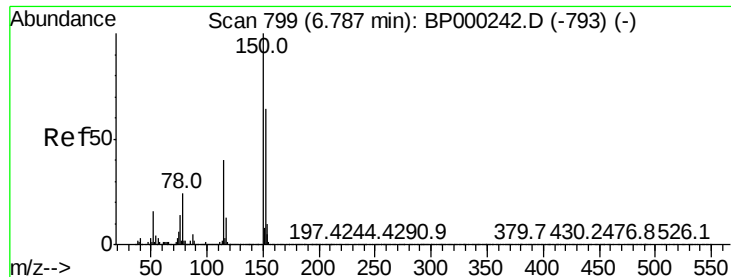
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092019\
Data File : BP000353.D
Acq On : 20 Sep 2019 14:48
Operator : HP/JU
Sample : K4957-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Sep 20 23:13:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 19 14:44:51 2019
Response via : Initial Calibration



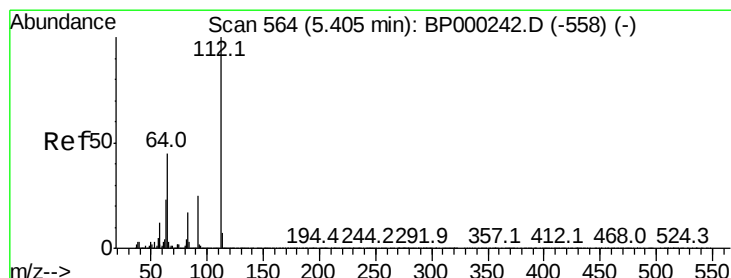
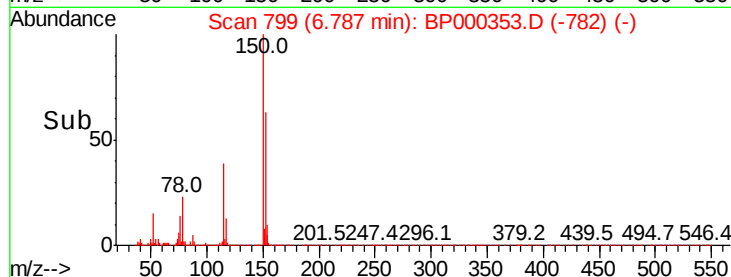
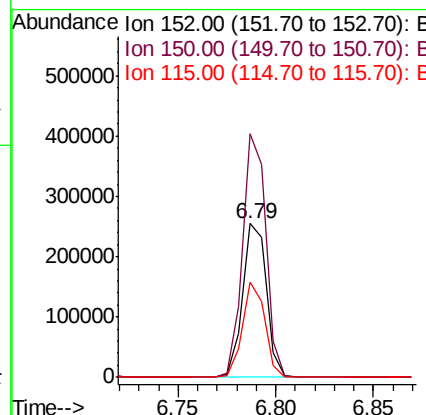
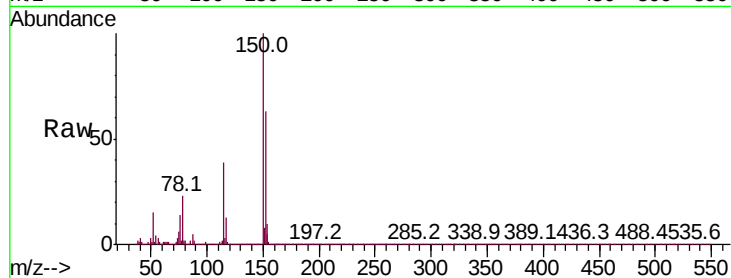


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000353.D
Acq: 20 Sep 2019 14:48

Instrument :
BNA_P
ClientSampleId :

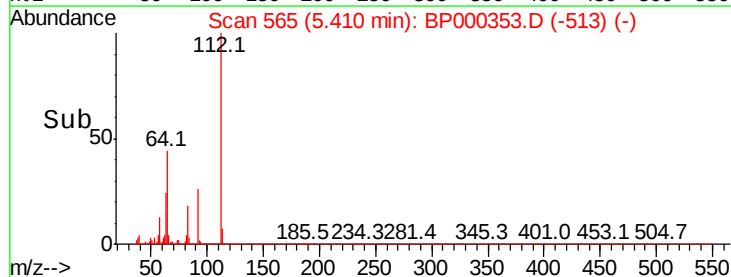
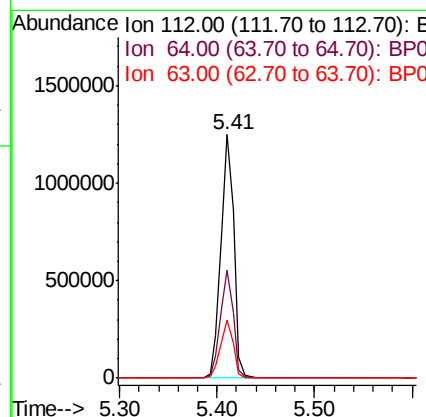
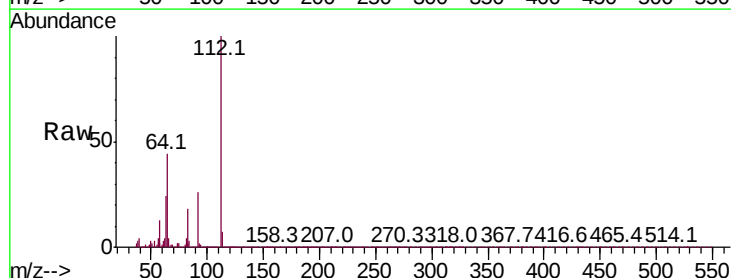
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	125.2	187.8
115	62.0	49.7	74.5

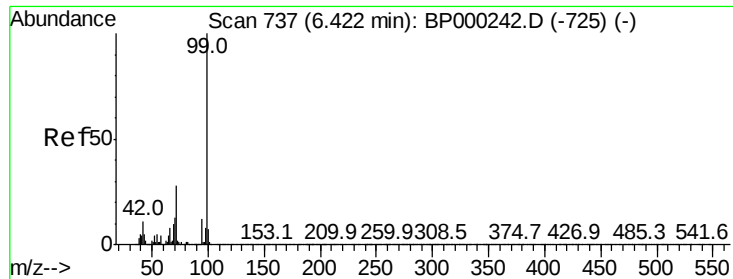


#5

2-Fluorophenol
Concen: 92.933 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BP000353.D
Acq: 20 Sep 2019 14:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.2	36.2	54.4
63	23.7	18.3	27.5





#7

Phenol-d6

Concen: 97.422 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000353.D

Acq: 20 Sep 2019 14:48

Instrument :

BNA_P

ClientSampleId :

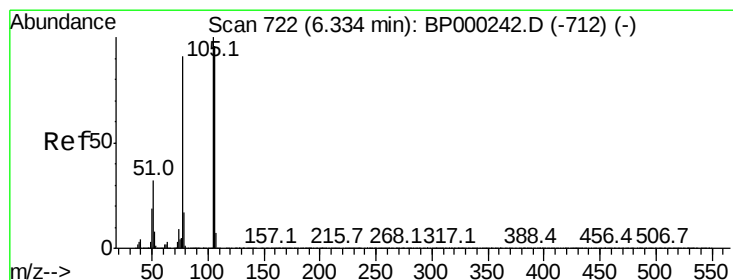
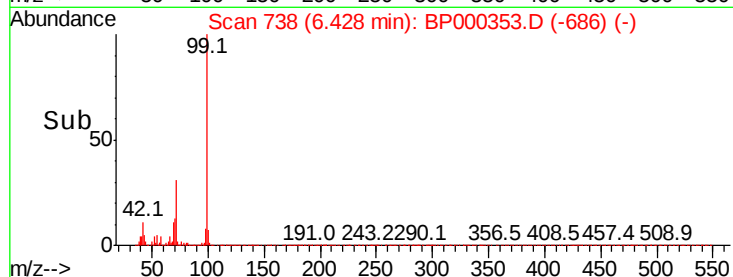
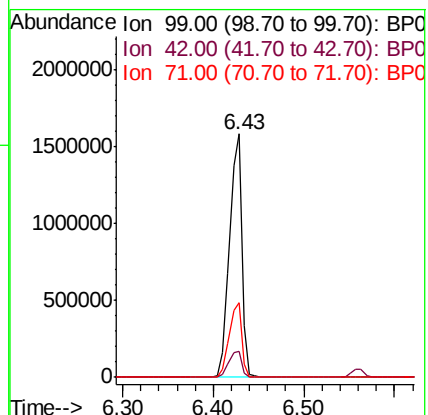
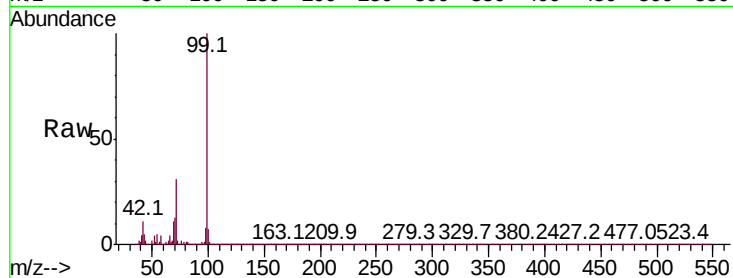
Tot Ion: 99 Resp: 1484173

Ion Ratio Lower Upper

99 100

42 10.9 8.5 12.7

71 30.9 22.6 34.0



#9

Benzaldehyde

Concen: Below Cal

RT: 6.43 min Scan# 738

Delta R.T. 0.09 min

Lab File: BP000353.D

Acq: 20 Sep 2019 14:48

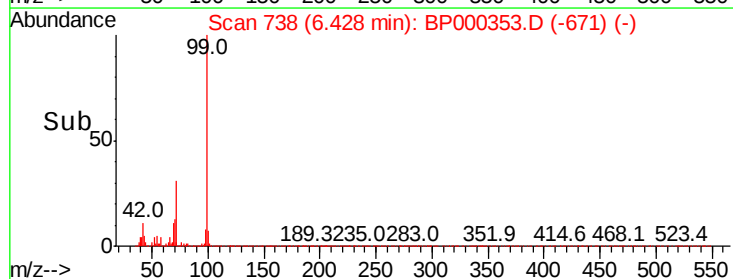
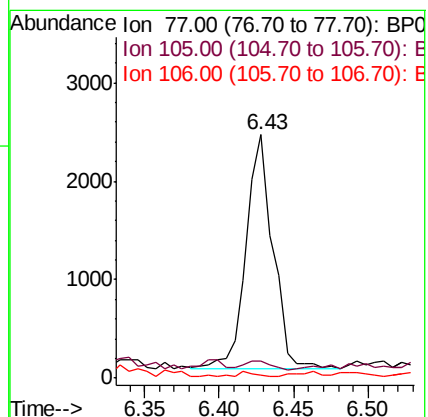
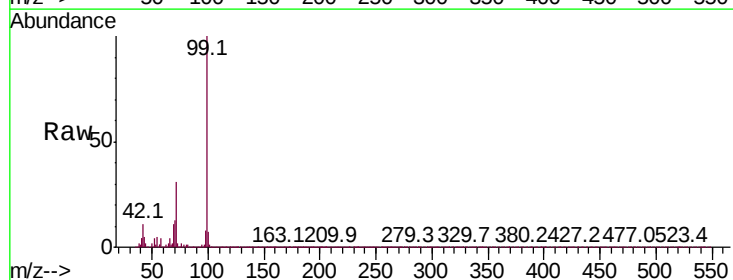
Tgt Ion: 77 Resp: 2979

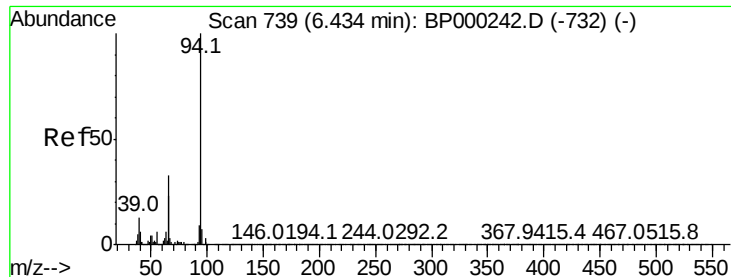
Ion Ratio Lower Upper

77 100

105 7.3 89.6 129.6#

106 1.4 84.6 124.6#





#10

Phenol

Concen: 4.011 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BP000353.D

Acq: 20 Sep 2019 14:48

Instrument :

BNA_P

ClientSampleId :

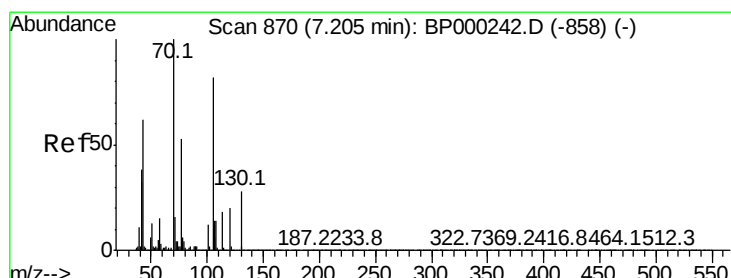
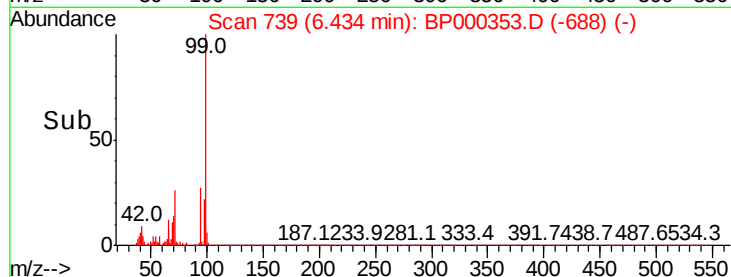
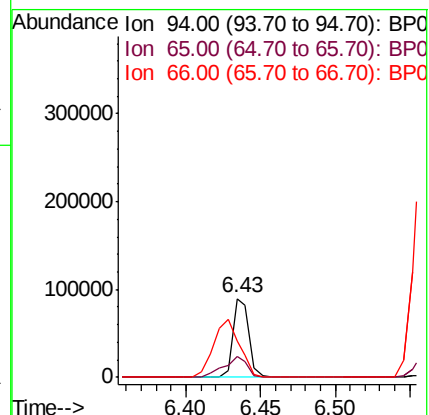
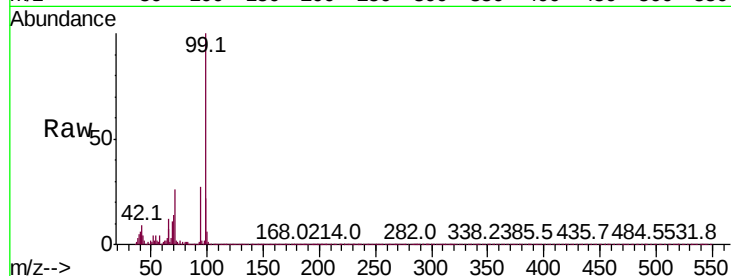
Tot Ion: 94 Resp: 69422

Ion Ratio Lower Upper

94 100

65 26.9 3.3 43.3

66 46.2 12.7 52.7



#19

n-Nitroso-di-n-propylamine

Concen: 12.556 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BP000353.D

Acq: 20 Sep 2019 14:48

Tgt Ion: 70 Resp: 101138

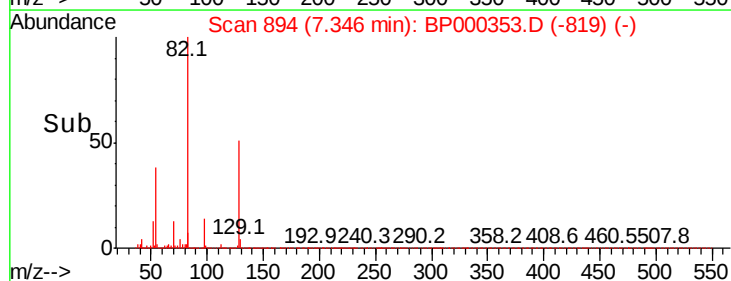
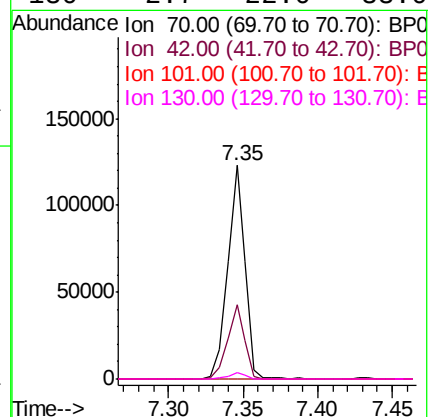
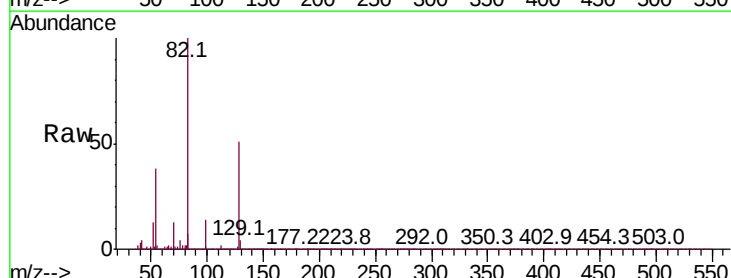
Ion Ratio Lower Upper

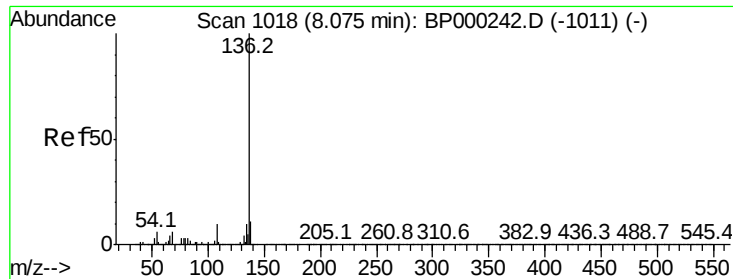
70 100

42 34.6 30.7 46.1

101 0.0 9.6 14.4#

130 2.7 22.0 33.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BP000353.D

Acq: 20 Sep 2019 14:48

Instrument :

BNA_P

ClientSampled :

Tot Ion:136 Resp: 785084

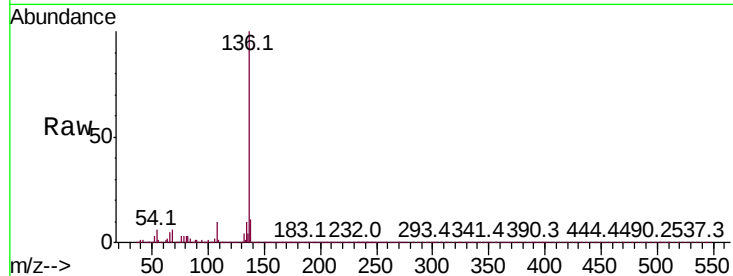
Ion Ratio Lower Upper

136 100

137 11.3 8.6 13.0

54 5.7 4.5 6.7

68 5.5 4.5 6.7

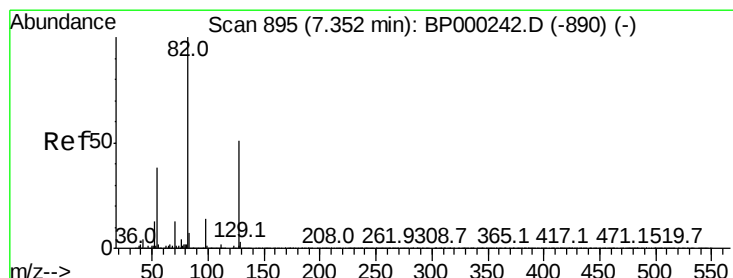
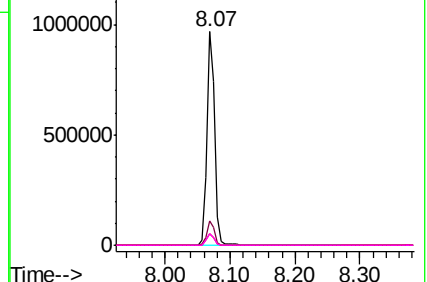
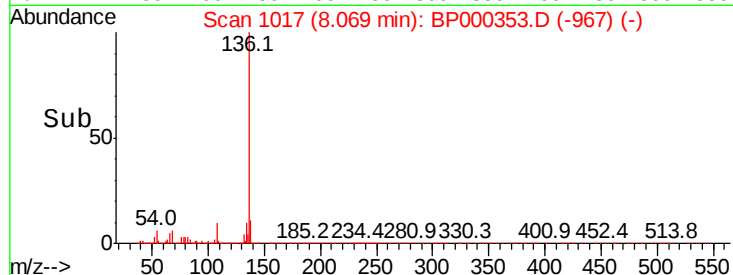


Abundance Ion 136.00 (135.70 to 136.70): E

1500000 Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



#23

Nitrobenzene-d5

Concen: 67.021 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BP000353.D

Acq: 20 Sep 2019 14:48

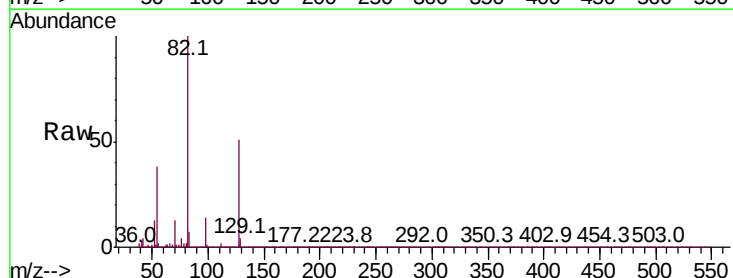
Tgt Ion: 82 Resp: 815520

Ion Ratio Lower Upper

82 100

128 50.7 40.7 61.1

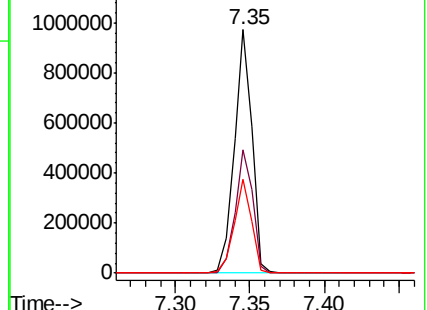
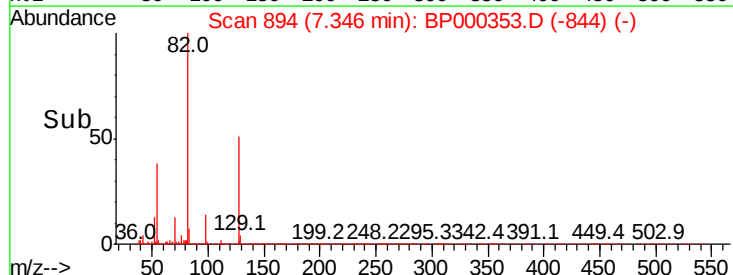
54 38.4 30.1 45.1

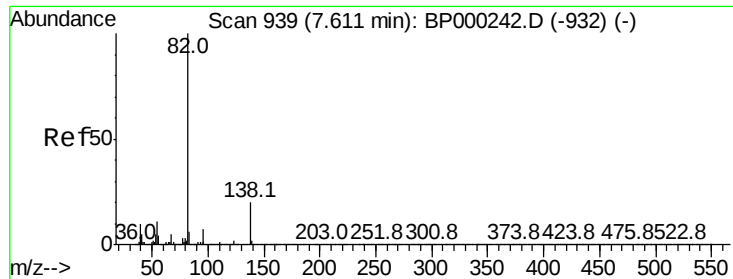


Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0





#25

Isophorone

Concen: 33.840 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BP000353.D

Acq: 20 Sep 2019 14:48

Instrument :

BNA_P

ClientSampleId :

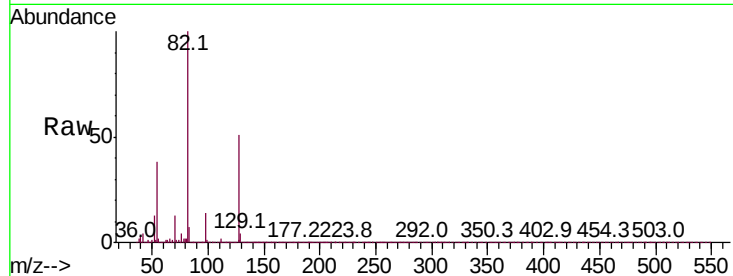
Tot Ion: 82 Resp: 815356

Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

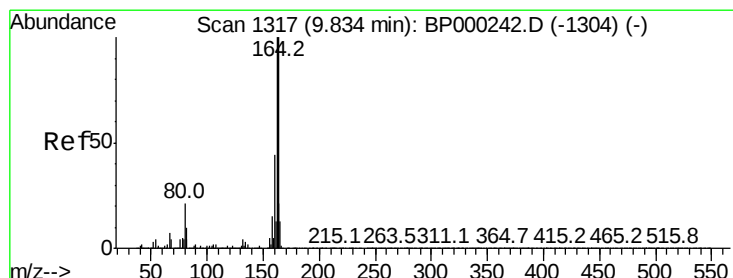
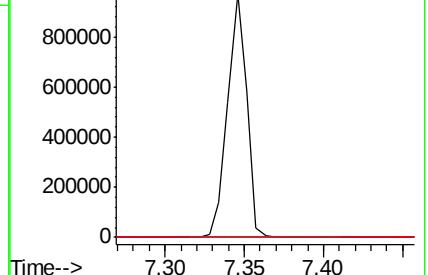
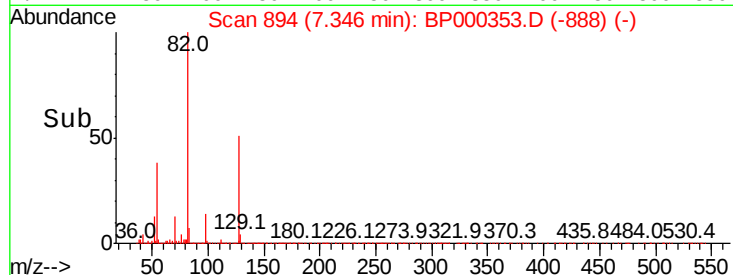
138 0.0 15.9 23.9#



Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 138.00 (137.70 to 138.70): BP0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BP000353.D

Acq: 20 Sep 2019 14:48

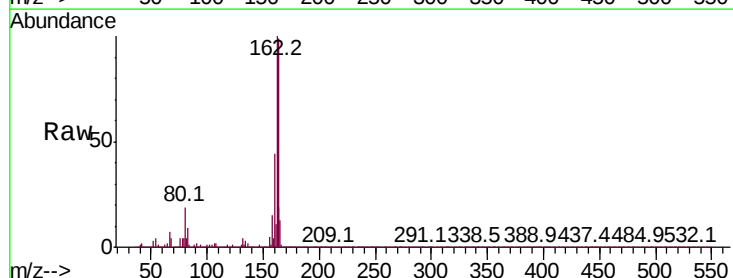
Tgt Ion: 164 Resp: 438403

Ion Ratio Lower Upper

164 100

162 101.1 79.9 119.9

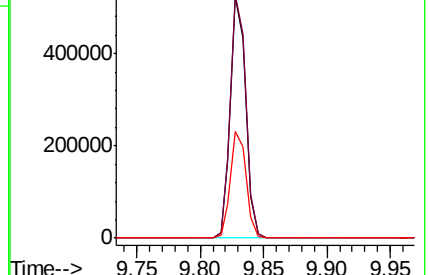
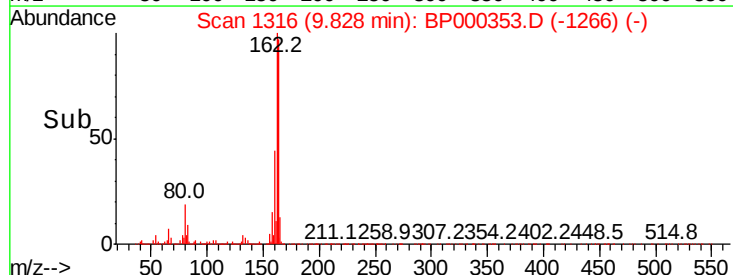
160 44.2 35.6 53.4

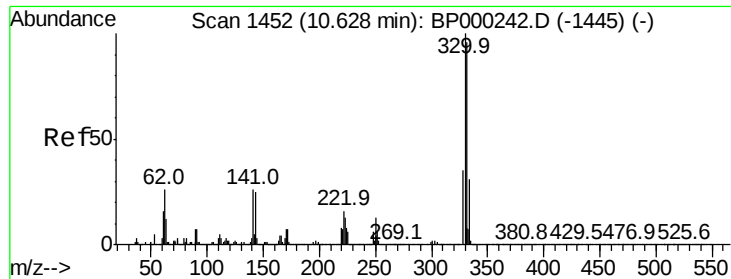


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

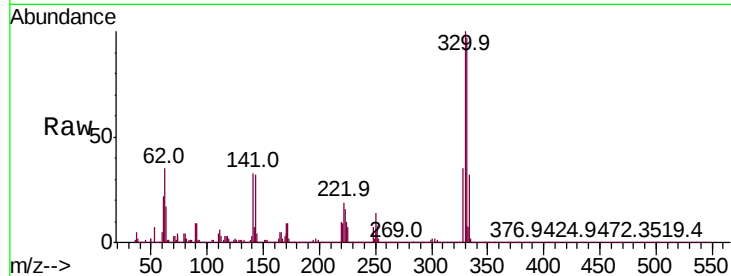




#42
 2,4,6-Tribromophenol
 Concen: 103.428 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BP000353.D
 Acq: 20 Sep 2019 14:48

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	115.0
141	30.4	26.5	39.7

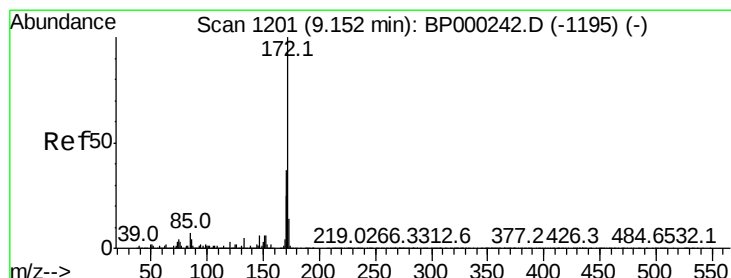
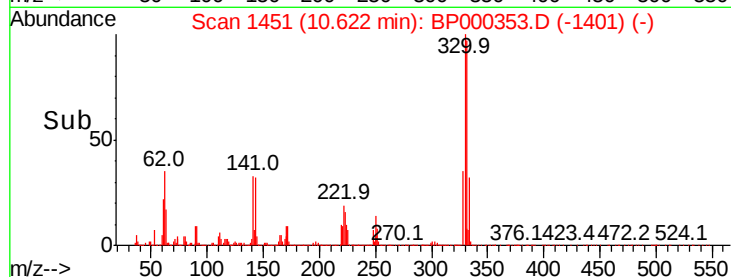
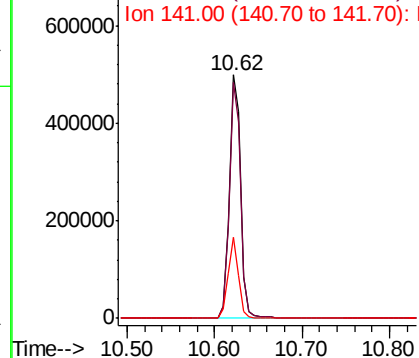


Abundance

Ion 329.80 (329.50 to 330.50): E

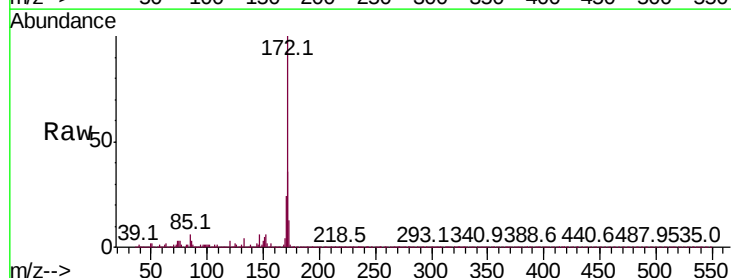
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 77.848 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BP000353.D
 Acq: 20 Sep 2019 14:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.8	44.6
170	23.9	19.8	29.6

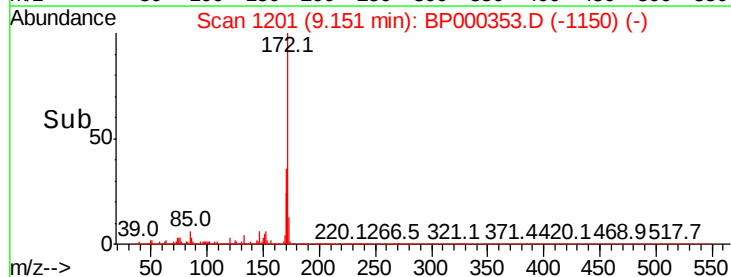
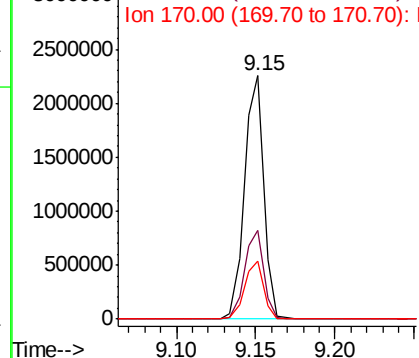


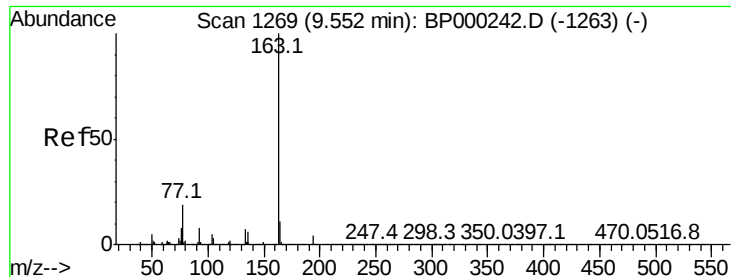
Abundance

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: 8.559 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BP000353.D

Acq: 20 Sep 2019 14:48

Instrument :

BNA_P

ClientSampleId :

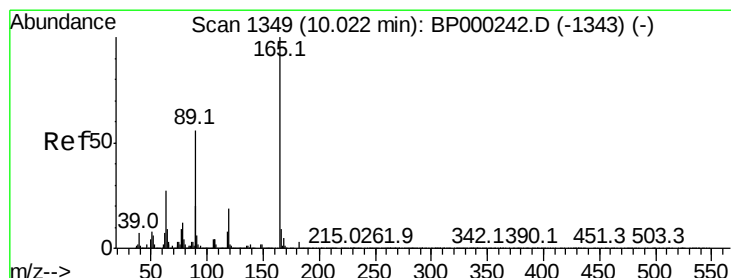
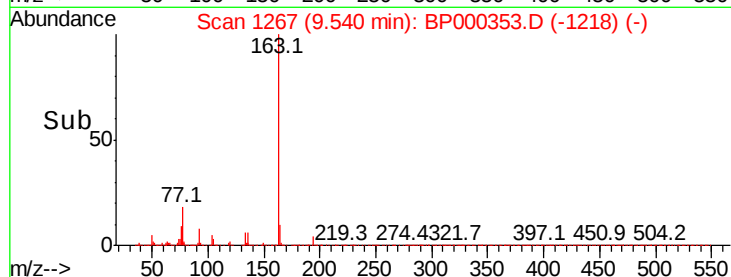
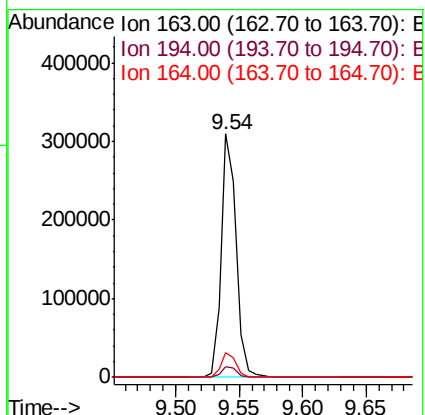
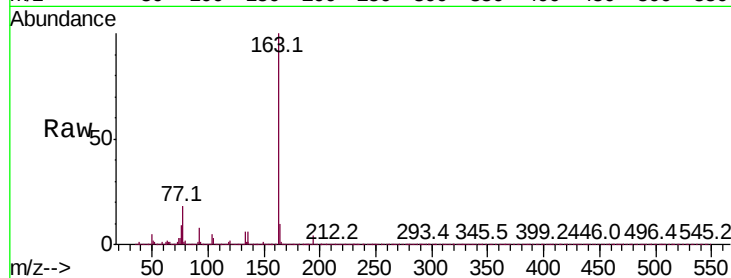
Tot Ion:163 Resp: 255663

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.3 8.5 12.7



#57

2,4-Dinitrotoluene

Concen: 6.704 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.19 min

Lab File: BP000353.D

Acq: 20 Sep 2019 14:48

Tgt Ion:165 Resp: 57561

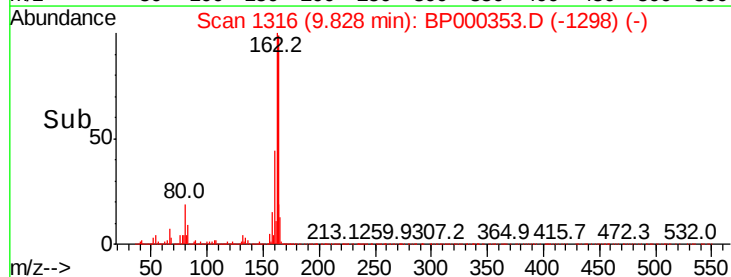
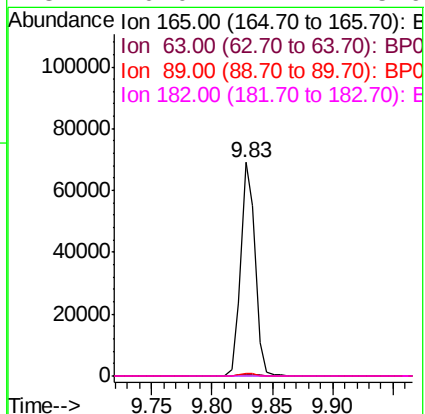
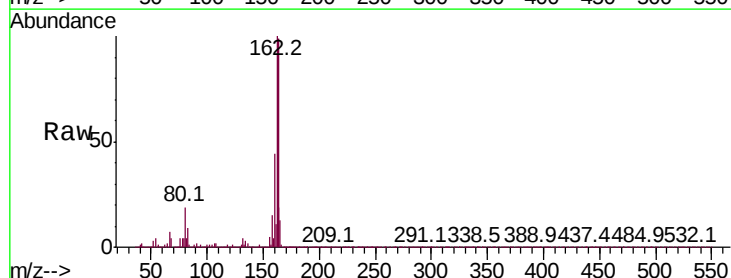
Ion Ratio Lower Upper

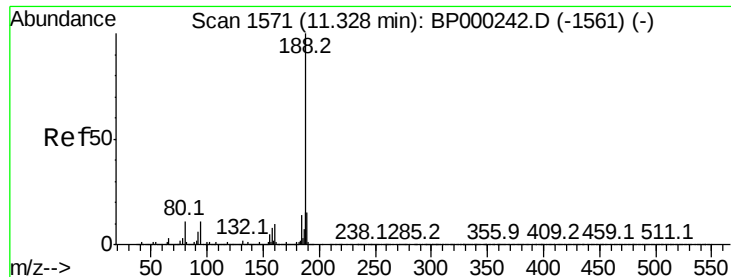
165 100

63 0.9 21.7 32.5#

89 1.4 45.0 67.6#

182 0.0 2.4 3.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BP000353.D

Acq: 20 Sep 2019 14:48

Instrument :

BNA_P

ClientSampleId :

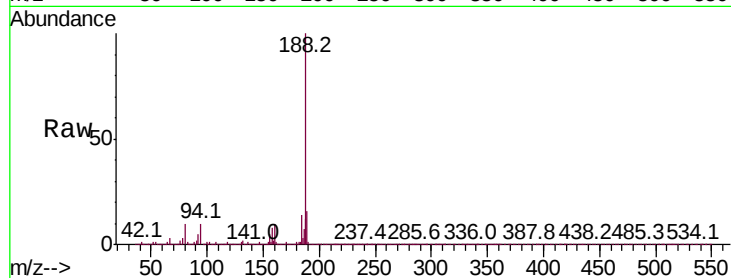
Tot Ion:188 Resp: 795094

Ion Ratio Lower Upper

188 100

94 9.7 8.5 12.7

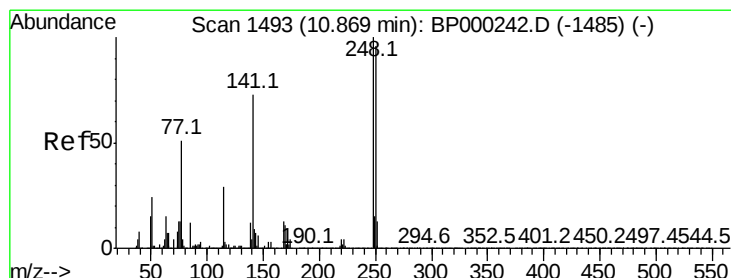
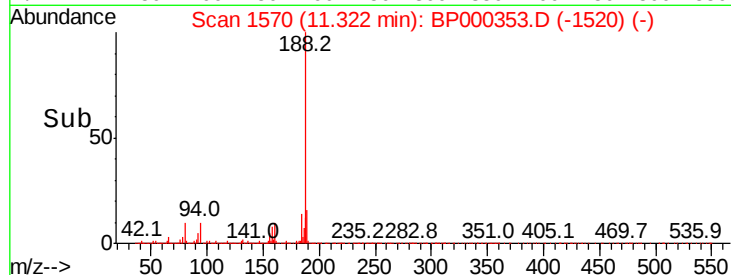
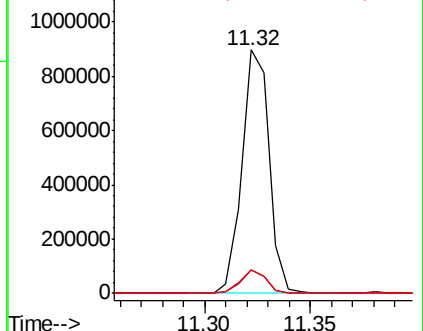
80 9.9 8.6 13.0



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



#67

4-Bromophenyl-phenylether

Concen: 3.376 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.25 min

Lab File: BP000353.D

Acq: 20 Sep 2019 14:48

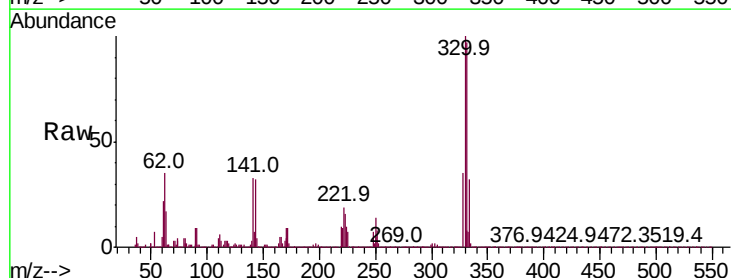
Tgt Ion:248 Resp: 30355

Ion Ratio Lower Upper

248 100

250 203.0 77.0 115.4#

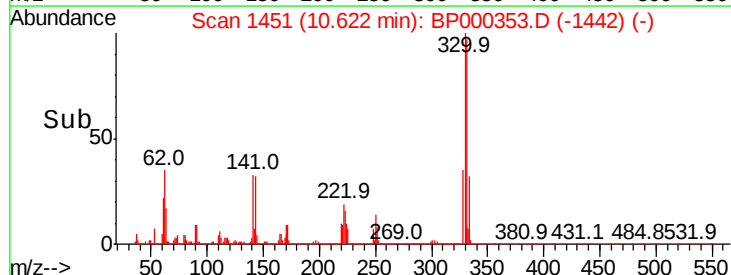
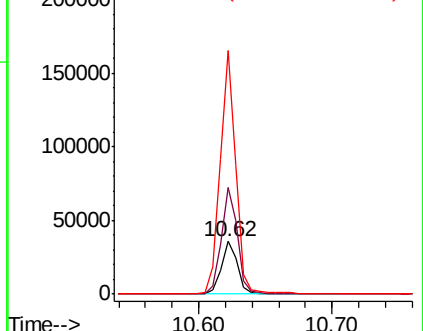
141 465.0 58.5 87.7#

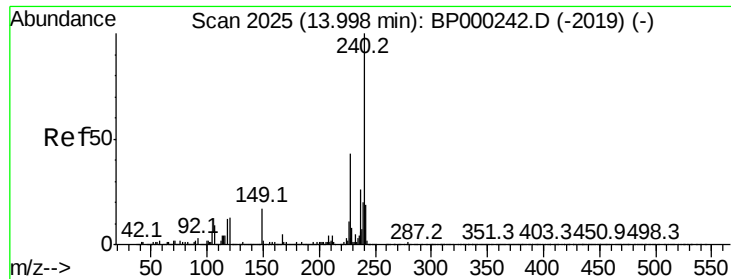


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

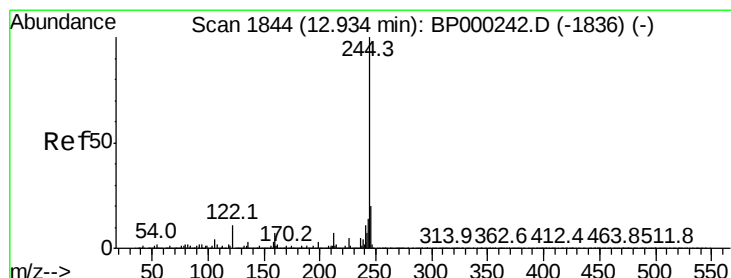
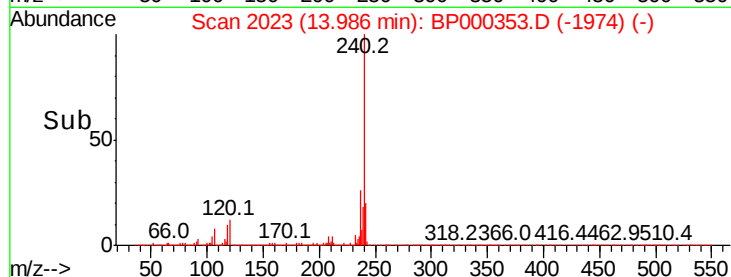
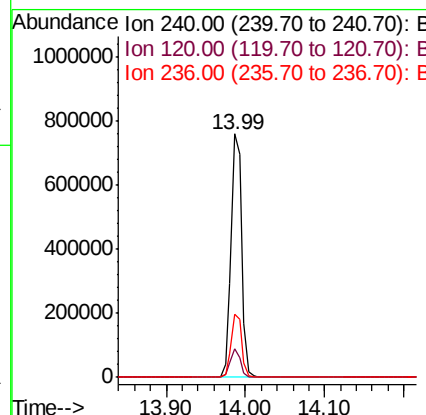
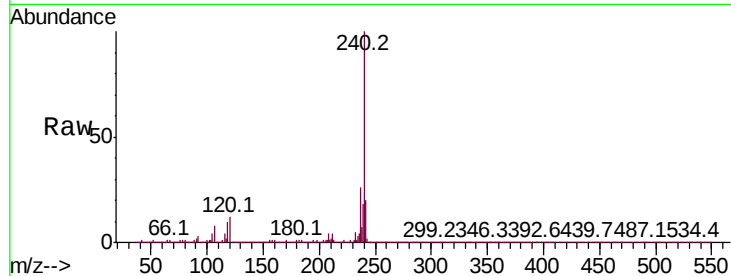




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BP000353.D
 Acq: 20 Sep 2019 14:48

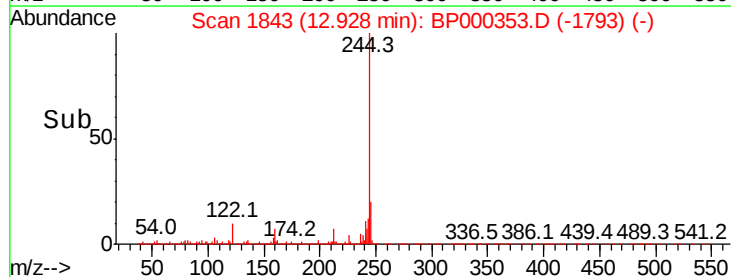
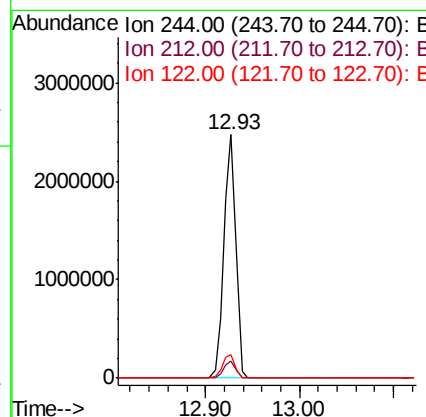
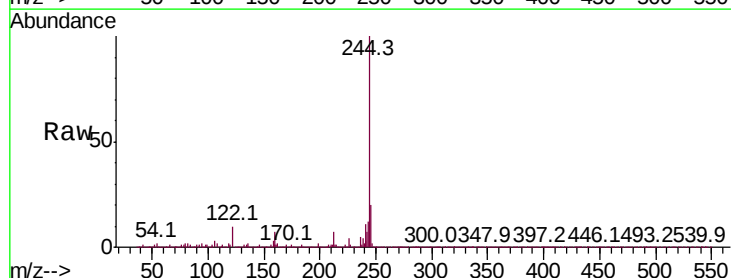
Instrument :
 BNA_P
 ClientSampleId :

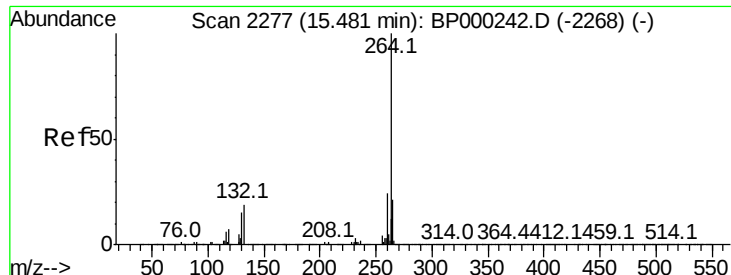
Tot Ion:240 Resp: 703999
 Ion Ratio Lower Upper
 240 100
 120 11.6 10.4 15.6
 236 26.2 21.0 31.6



#79
 Terphenyl-d14
 Concen: 64.928 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BP000353.D
 Acq: 20 Sep 2019 14:48

Tgt Ion:244 Resp: 2178861
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 9.8 9.0 13.4

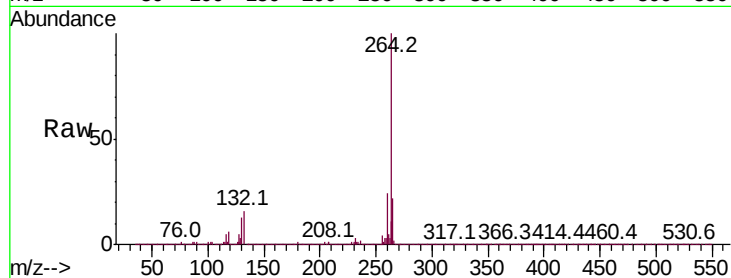




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BP000353.D
Acq: 20 Sep 2019 14:48

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	21.6	17.2	25.8



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

