

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
 Data File : BP000249.D
 Acq On : 16 Sep 2019 20:23
 Operator : HP/JU
 Sample : K4861-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-11-S(1.5-4)

Quant Time: Sep 17 06:11:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 16 18:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	298101	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1099492	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	614265	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1152948	20.00	ng	0.00
76) Chrysene-d12	13.99	240	997579	20.00	ng	-0.01
87) Perylene-d12	15.47	264	1071574	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	1658920	96.07	ng	0.00
7) Phenol-d6	6.42	99	2127799	100.53	ng	0.00
23) Nitrobenzene-d5	7.35	82	1184451	69.50	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	667730	109.60	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2522198	73.90	ng	0.00
79) Terphenyl-d14	12.93	244	3048224	64.10	ng	0.00

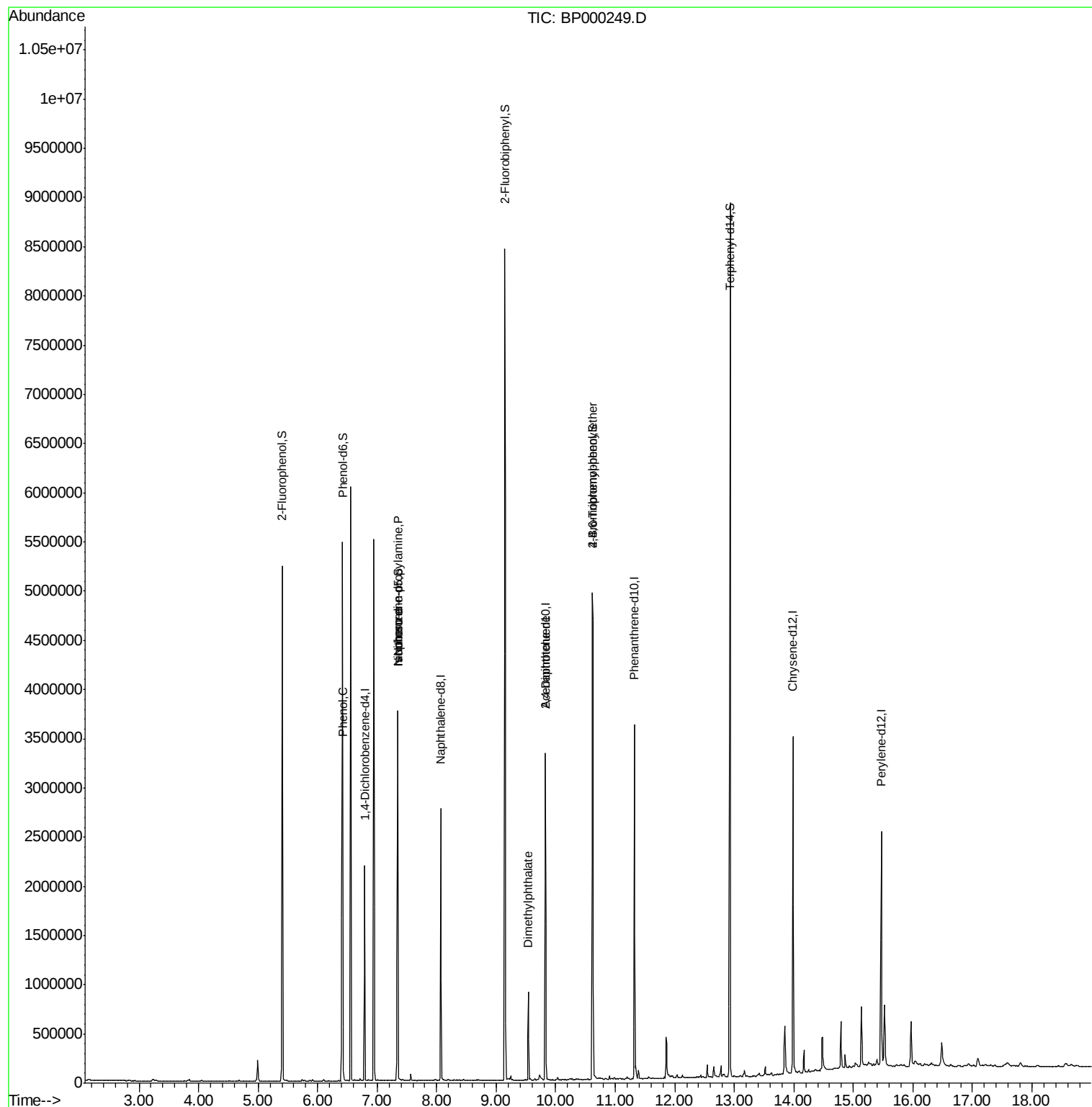
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.42	77	3626	Below Cal		# 1
10) Phenol	6.43	94	104869	4.361	ng	96
19) n-Nitroso-di-n-propylamine	7.35	70	145751	13.024	ng	# 74
25) Isophorone	7.35	82	1183613	35.076	ng	# 63
50) Dimethylphthalate	9.54	163	322119	7.697	ng	99
57) 2,4-Dinitrotoluene	9.83	165	80675	6.706	ng	# 35
67) 4-Bromophenyl-phenylether	10.62	248	47134	3.615	ng	# 1
69) Atrazine	11.13	200	14	Below Cal		76

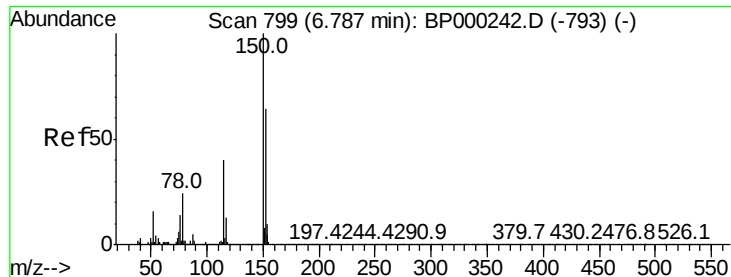
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-11-S(1.5-4)

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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: BP000249.D

Acq: 16 Sep 2019 20:23

Instrument :

BNA_P

ClientSampleId :

TP-11-S(1.5-4)

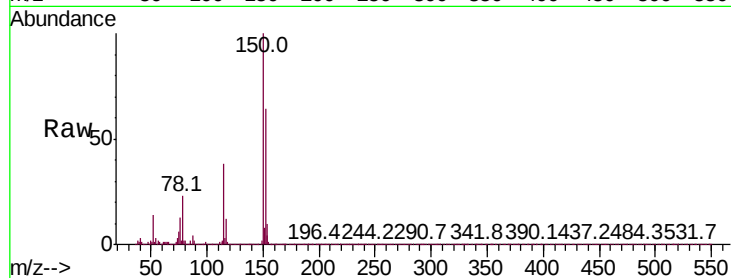
Tot Ion:152 Resp: 298101

Ion Ratio Lower Upper

152 100

150 155.9 125.2 187.8

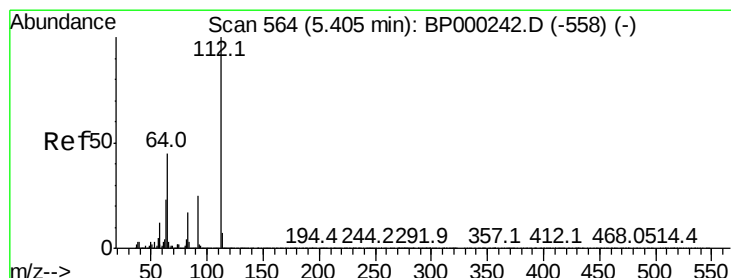
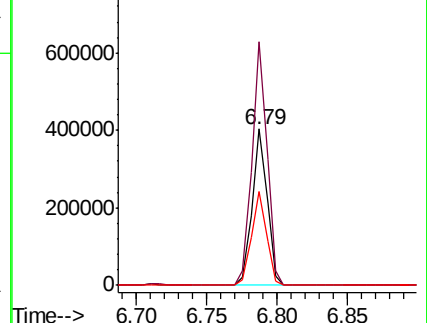
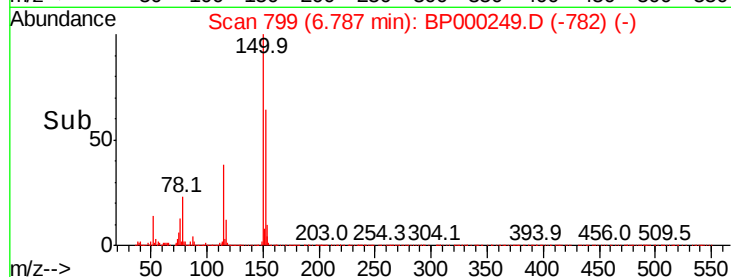
115 59.9 49.7 74.5



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: 96.071 ng

RT: 5.40 min Scan# 564

Delta R.T. 0.00 min

Lab File: BP000249.D

Acq: 16 Sep 2019 20:23

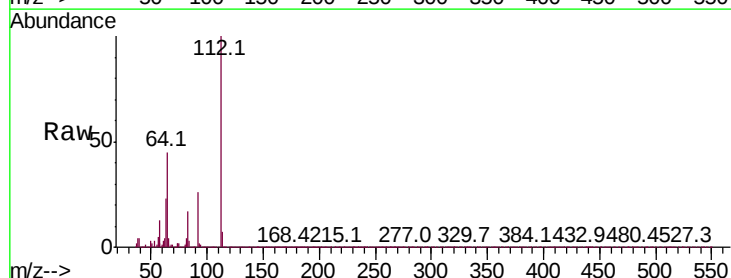
Tgt Ion:112 Resp: 1658920

Ion Ratio Lower Upper

112 100

64 45.3 36.2 54.4

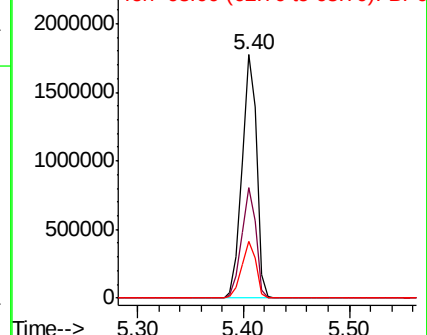
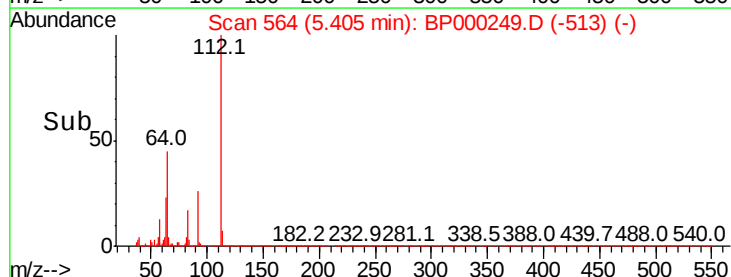
63 23.2 18.3 27.5

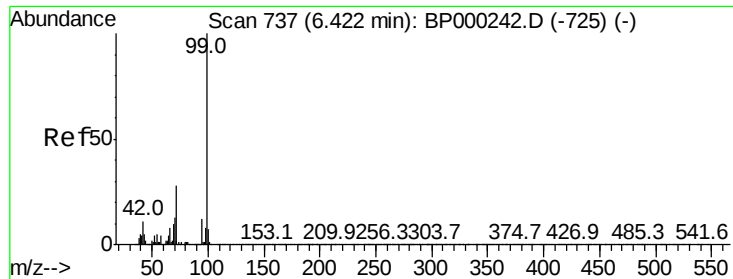


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 100.526 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BP000249.D

Acq: 16 Sep 2019 20:23

Instrument :

BNA_P

ClientSampleId :

TP-11-S(1.5-4)

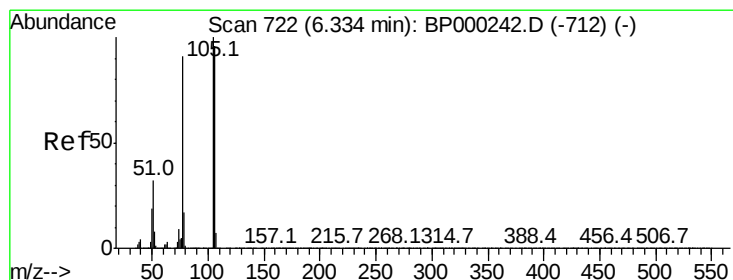
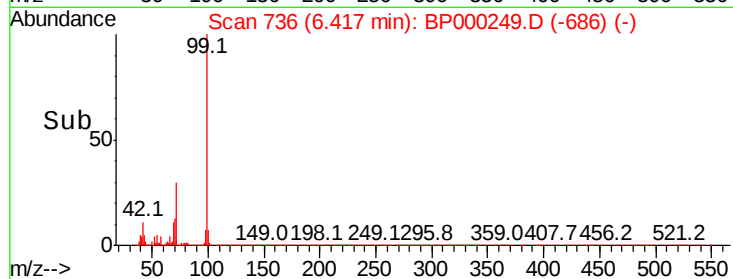
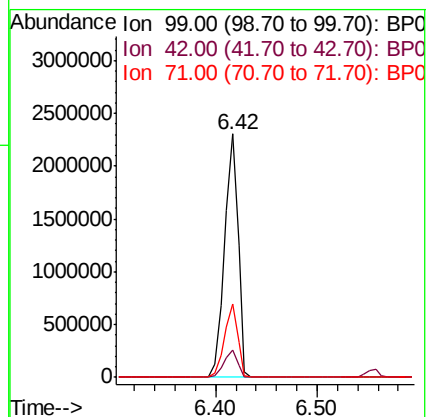
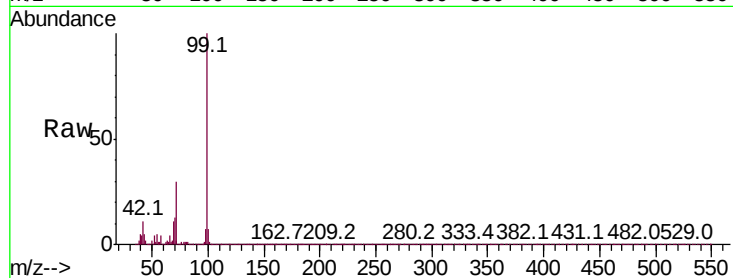
Tot Ion: 99 Resp: 2127799

Ion Ratio Lower Upper

99 100

42 11.2 8.5 12.7

71 29.9 22.6 34.0



#9

Benzaldehyde

Concen: Below Cal

RT: 6.42 min Scan# 736

Delta R.T. 0.08 min

Lab File: BP000249.D

Acq: 16 Sep 2019 20:23

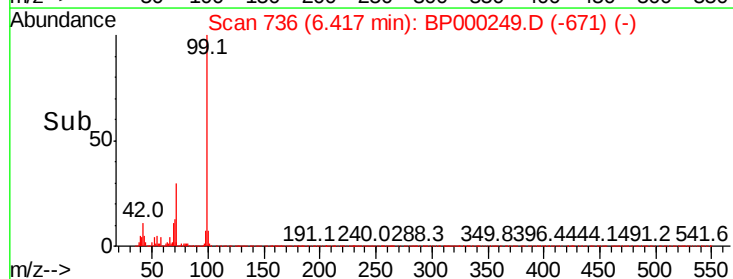
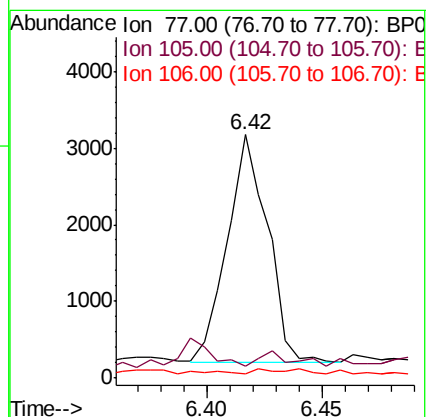
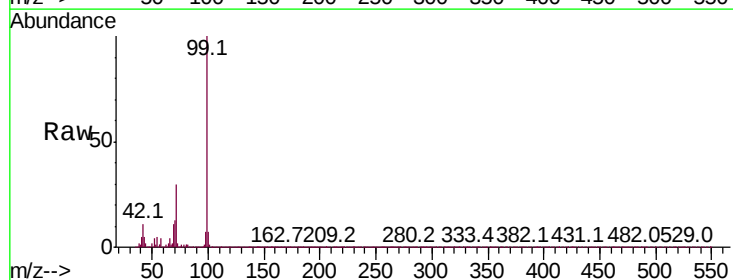
Tgt Ion: 77 Resp: 3626

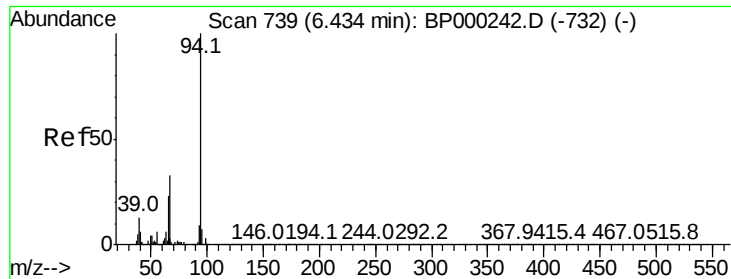
Ion Ratio Lower Upper

77 100

105 4.7 89.6 129.6#

106 1.8 84.6 124.6#





#10

Phenol

Concen: 4.361 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BP000249.D

Acq: 16 Sep 2019 20:23

Instrument :

BNA_P

ClientSampleId :

TP-11-S(1.5-4)

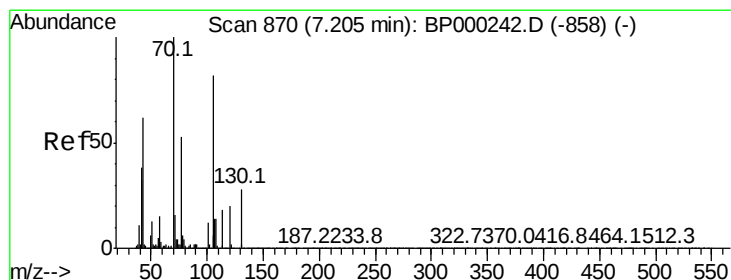
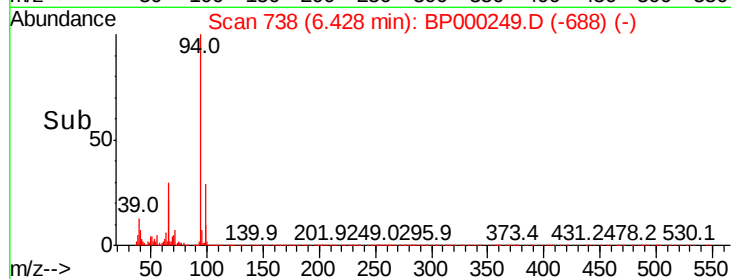
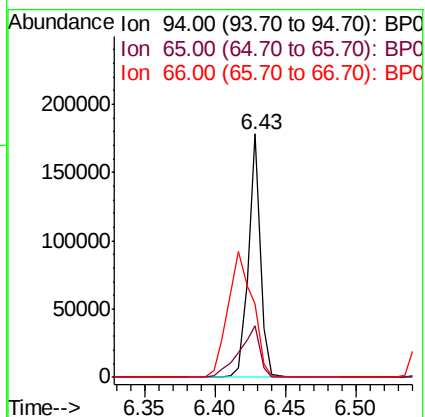
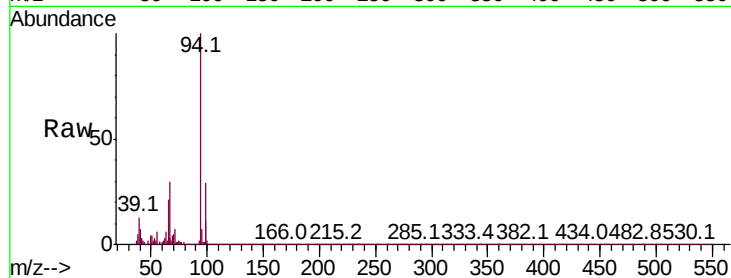
Tot Ion: 94 Resp: 104869

Ion Ratio Lower Upper

94 100

65 21.3 3.3 43.3

66 30.3 12.7 52.7



#19

n-Nitroso-di-n-propylamine

Concen: 13.024 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BP000249.D

Acq: 16 Sep 2019 20:23

Tgt Ion: 70 Resp: 145751

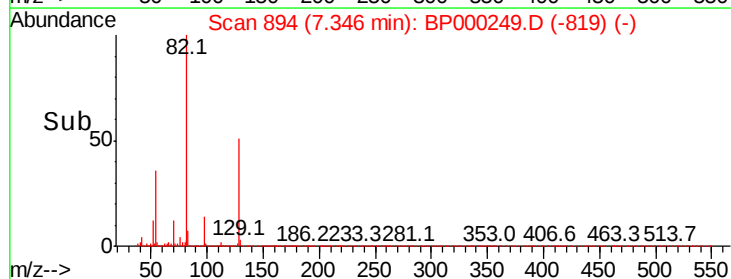
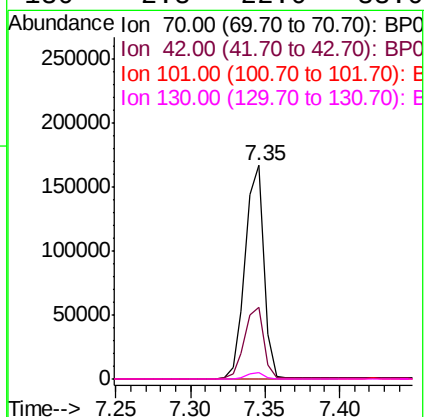
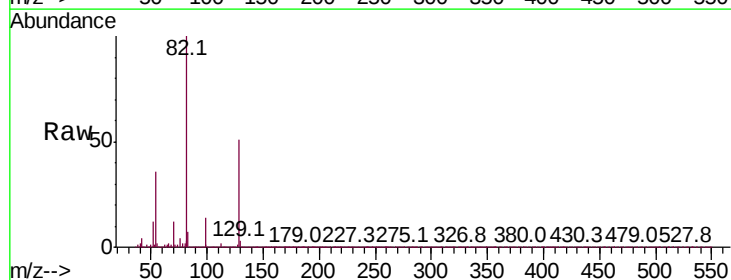
Ion Ratio Lower Upper

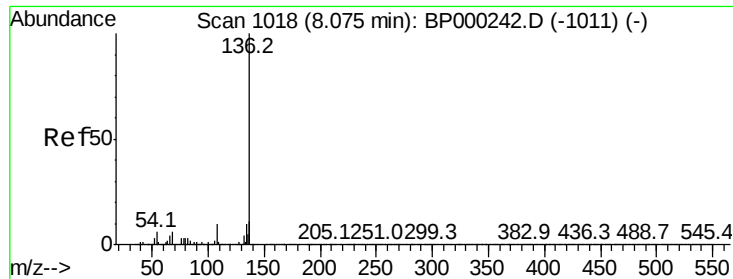
70 100

42 33.3 30.7 46.1

101 0.0 9.6 14.4#

130 2.8 22.0 33.0#

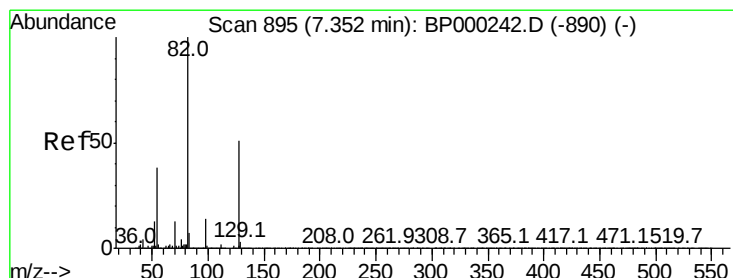
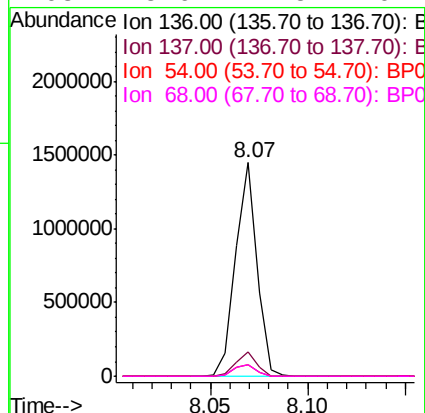
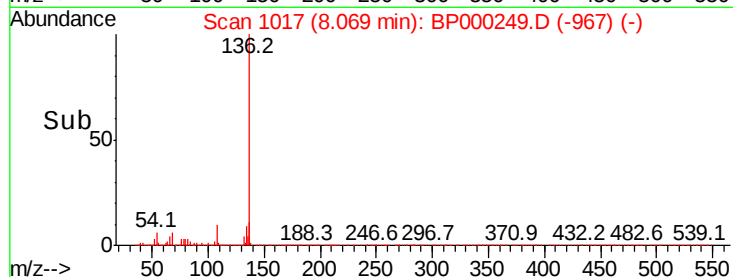
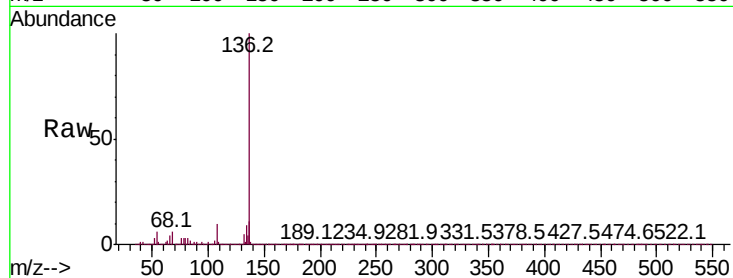




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000249.D
Acq: 16 Sep 2019 20:23

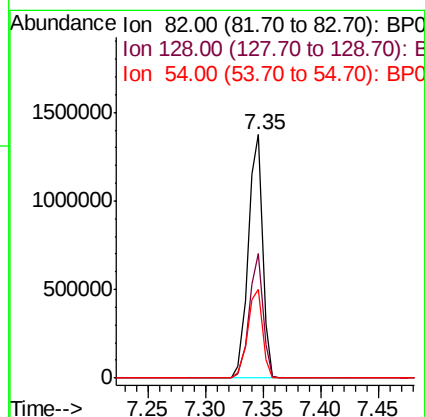
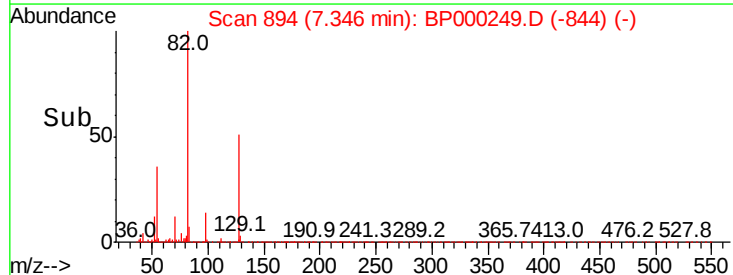
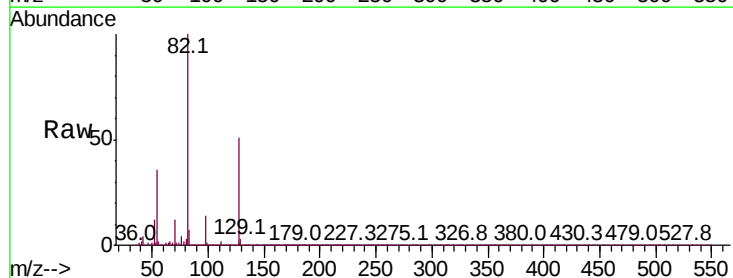
Instrument :
BNA_P
ClientSampleId :
TP-11-S(1.5-4)

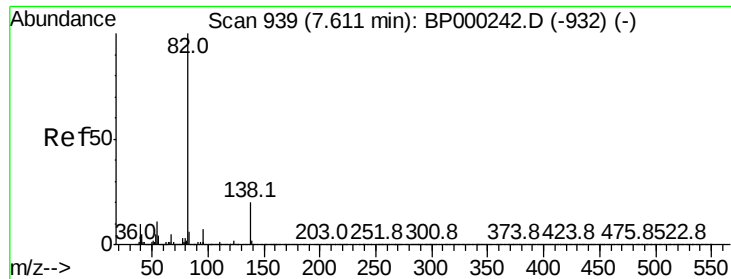
Tot Ion:136 Resp: 1099492
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 5.6 4.5 6.7
68 5.6 4.5 6.7



#23
Nitrobenzene-d5
Concen: 69.505 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000249.D
Acq: 16 Sep 2019 20:23

Tgt Ion: 82 Resp: 1184451
Ion Ratio Lower Upper
82 100
128 51.3 40.7 61.1
54 36.3 30.1 45.1





#25

Isophorone

Concen: 35.076 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BP000249.D

Acq: 16 Sep 2019 20:23

Instrument :

BNA_P

ClientSampleId :

TP-11-S(1.5-4)

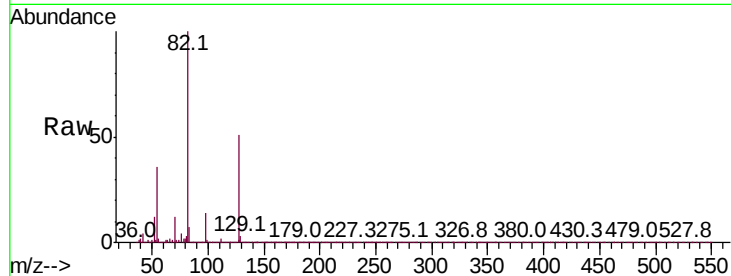
Tot Ion: 82 Resp: 1183613

Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

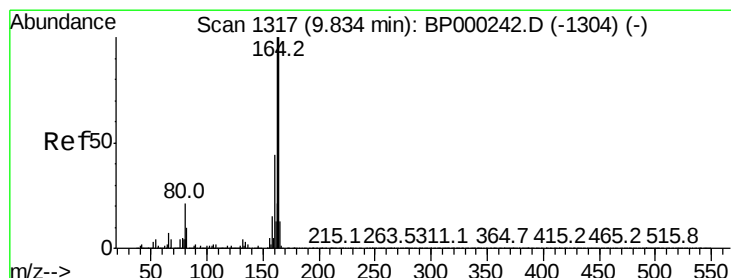
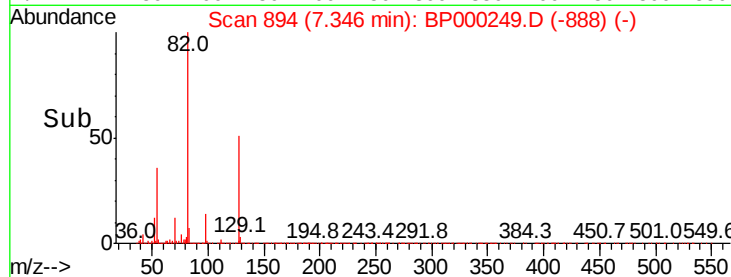
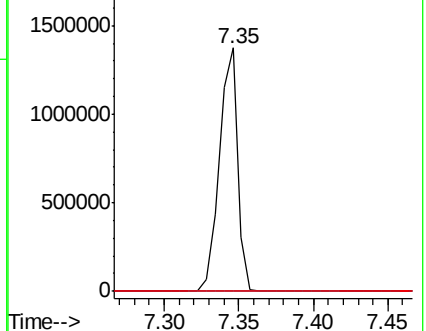
138 0.0 15.9 23.9#



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: BP000249.D

Acq: 16 Sep 2019 20:23

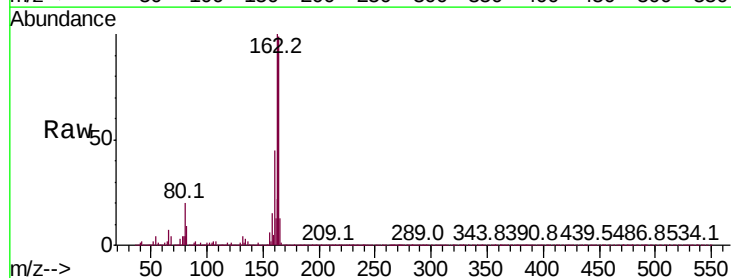
Tgt Ion: 164 Resp: 614265

Ion Ratio Lower Upper

164 100

162 101.4 79.9 119.9

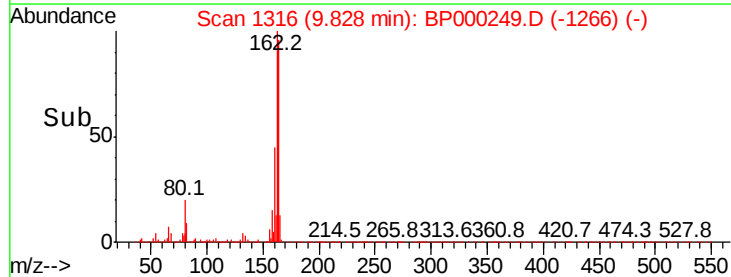
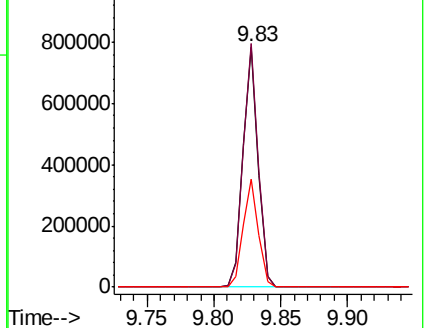
160 45.2 35.6 53.4

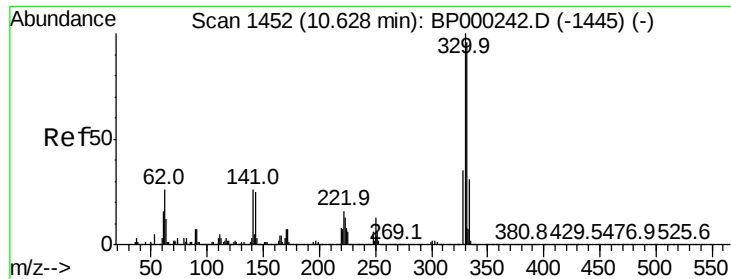


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

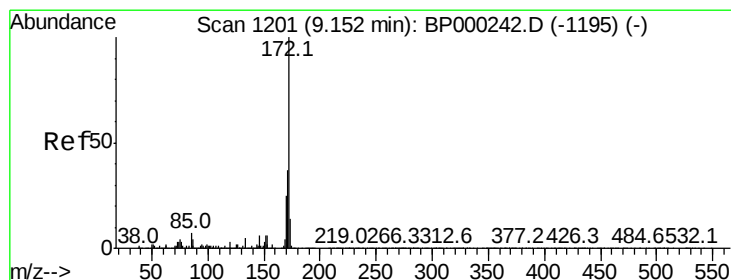
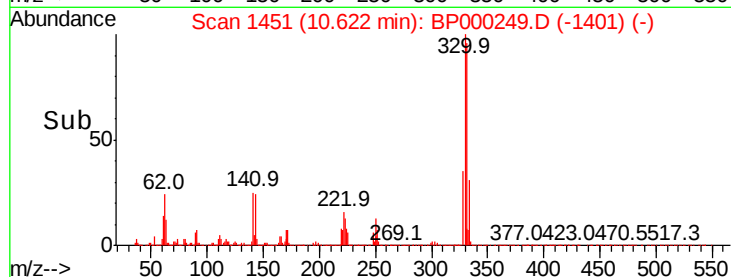
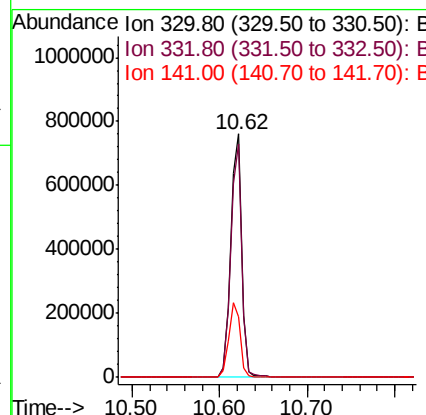
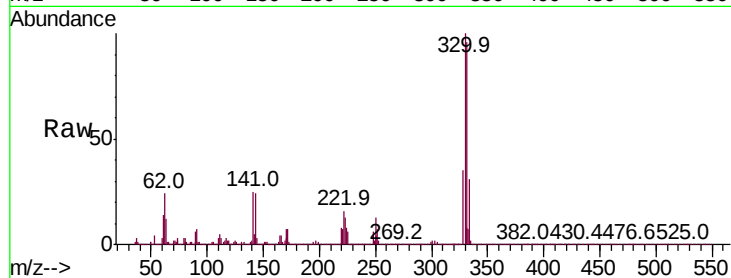




#42
 2,4,6-Tribromophenol
 Concen: 109.595 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BP000249.D
 Acq: 16 Sep 2019 20:23

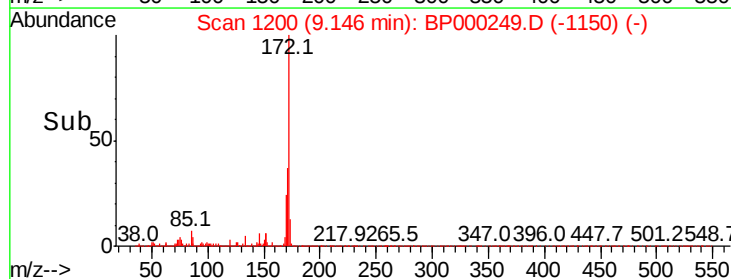
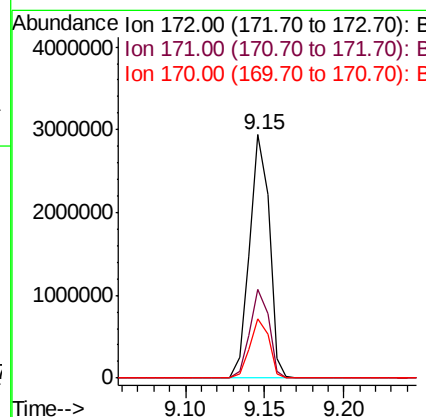
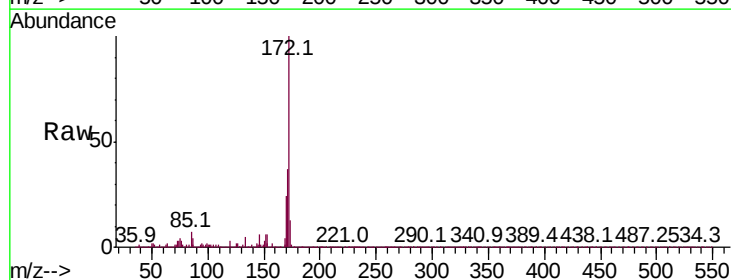
Instrument :
 BNA_P
 ClientSampleId :
 TP-11-S(1.5-4)

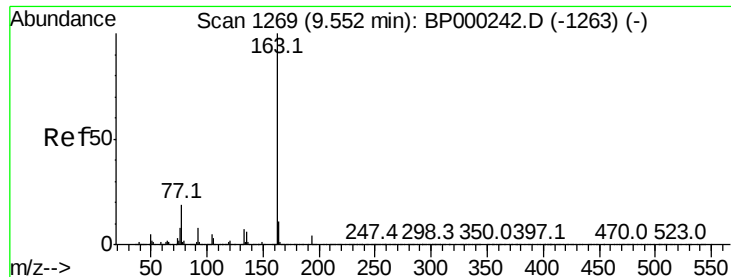
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	115.0
141	32.0	26.5	39.7



#45
 2-Fluorobiphenyl
 Concen: 73.901 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BP000249.D
 Acq: 16 Sep 2019 20:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.8	44.6
170	24.2	19.8	29.6





#50

Dimethylphthalate

Concen: 7.697 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BP000249.D

Acq: 16 Sep 2019 20:23

Instrument :

BNA_P

ClientSampleId :

TP-11-S(1.5-4)

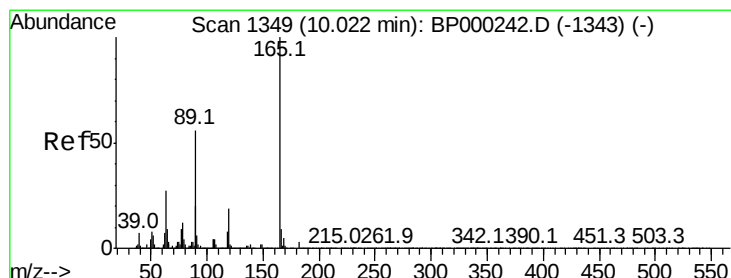
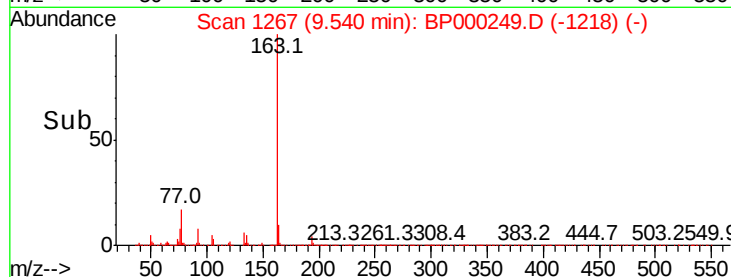
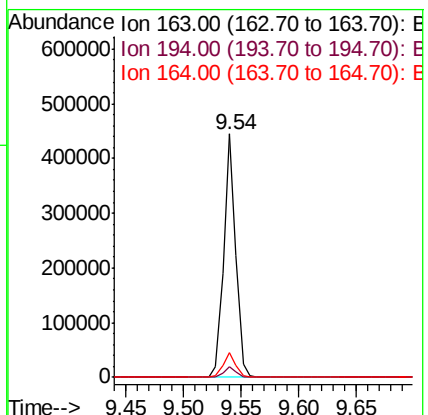
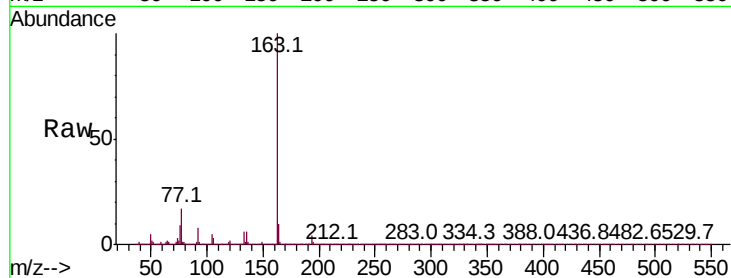
Tot Ion:163 Resp: 322119

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: 6.706 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.19 min

Lab File: BP000249.D

Acq: 16 Sep 2019 20:23

Tgt Ion:165 Resp: 80675

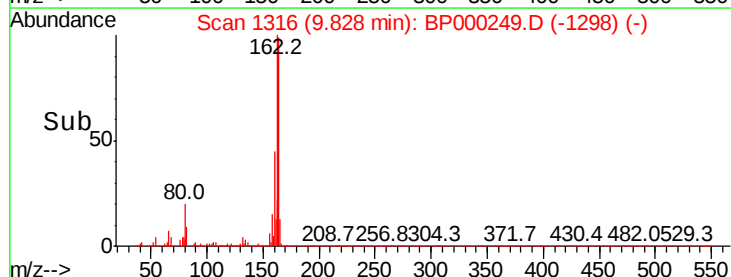
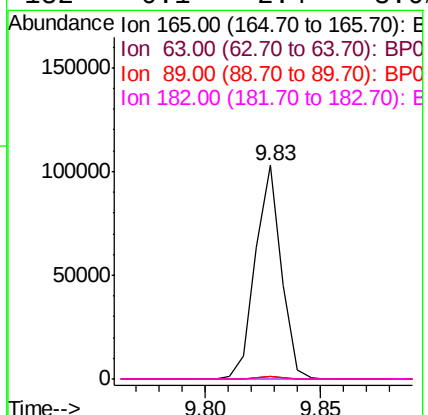
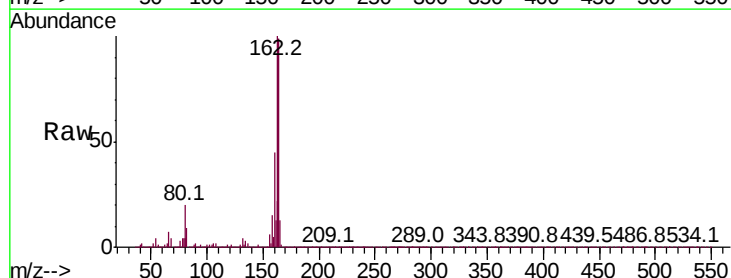
Ion Ratio Lower Upper

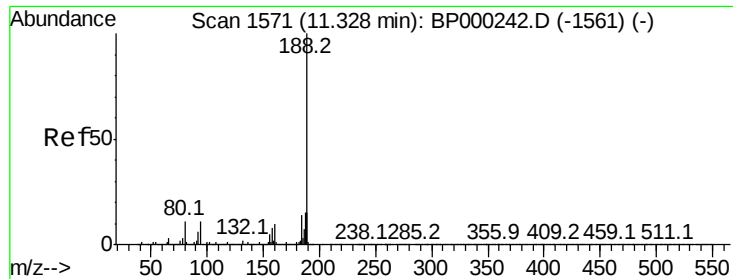
165 100

63 1.2 21.7 32.5#

89 1.2 45.0 67.6#

182 0.1 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: BP000249.D

Acq: 16 Sep 2019 20:23

Instrument :

BNA_P

ClientSampleId :

TP-11-S(1.5-4)

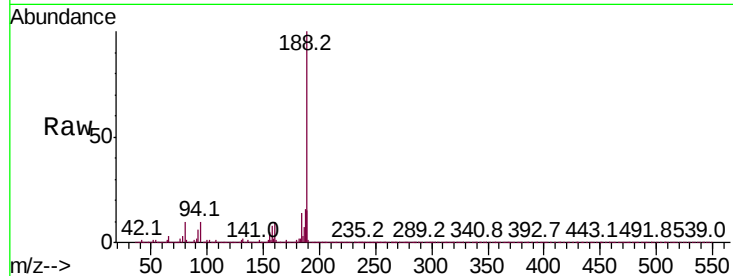
Tot Ion:188 Resp: 1152948

Ion Ratio Lower Upper

188 100

94 9.8 8.5 12.7

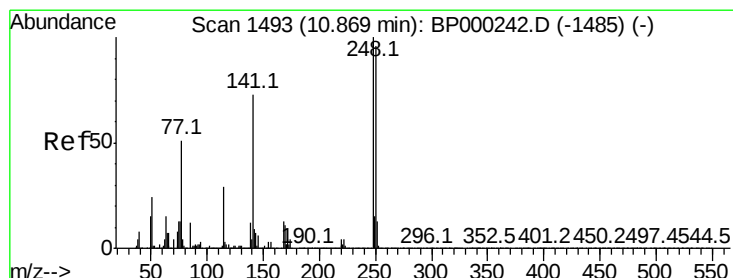
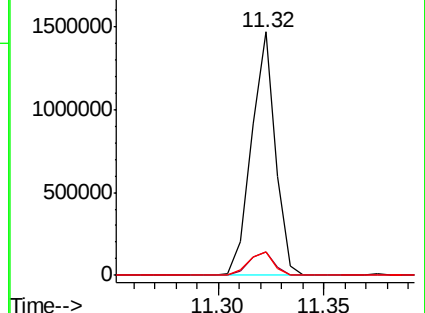
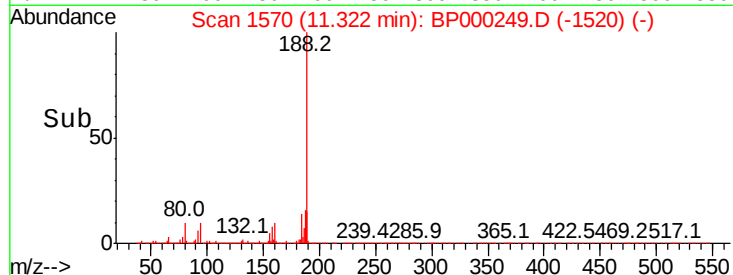
80 9.8 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

2000000 Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#67

4-Bromophenyl-phenylether

Concen: 3.615 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.25 min

Lab File: BP000249.D

Acq: 16 Sep 2019 20:23

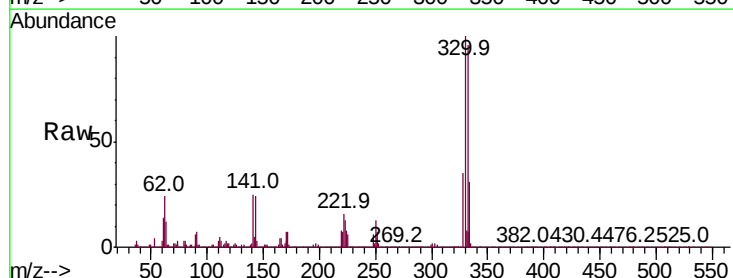
Tgt Ion:248 Resp: 47134

Ion Ratio Lower Upper

248 100

250 196.1 77.0 115.4#

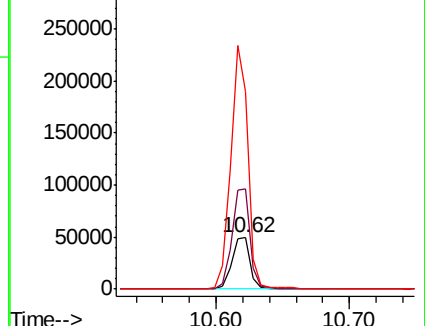
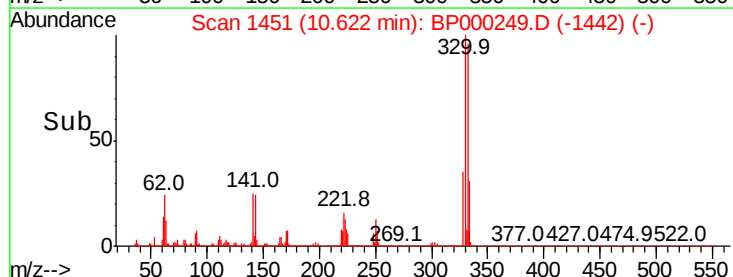
141 386.8 58.5 87.7#

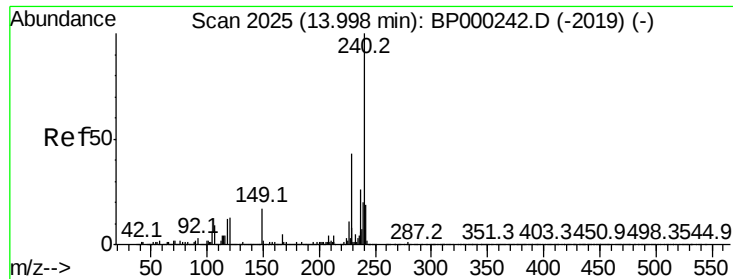


Abundance Ion 248.00 (247.70 to 248.70): E

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: BP000249.D

Acq: 16 Sep 2019 20:23

Instrument :

BNA_P

ClientSampleId :

TP-11-S(1.5-4)

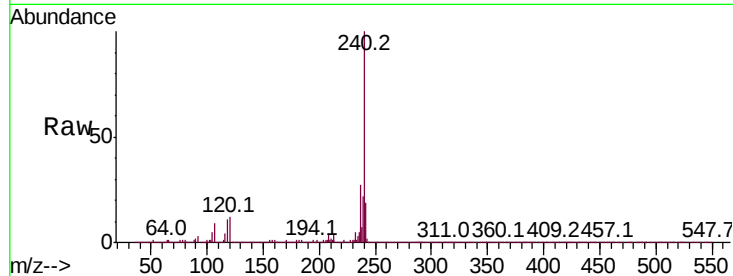
Tot Ion:240 Resp: 997579

Ion Ratio Lower Upper

240 100

120 12.0 10.4 15.6

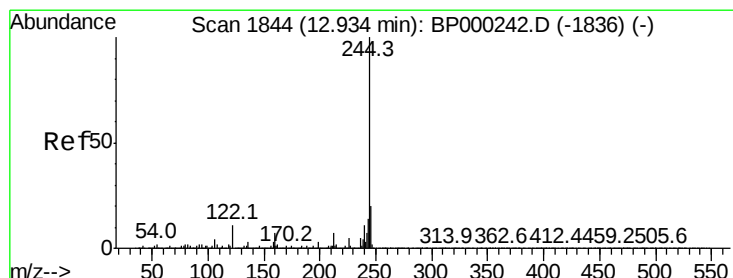
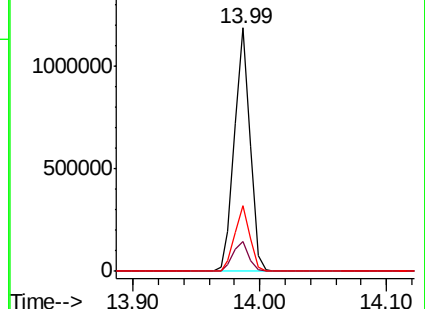
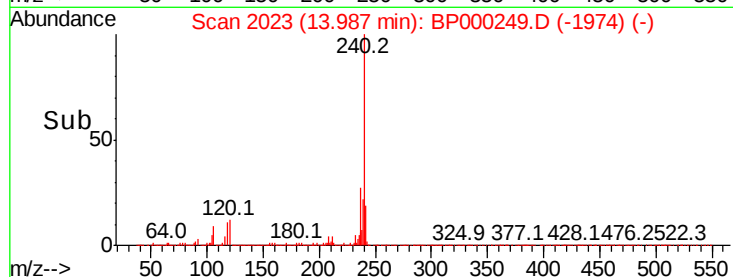
236 26.8 21.0 31.6



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: 64.102 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BP000249.D

Acq: 16 Sep 2019 20:23

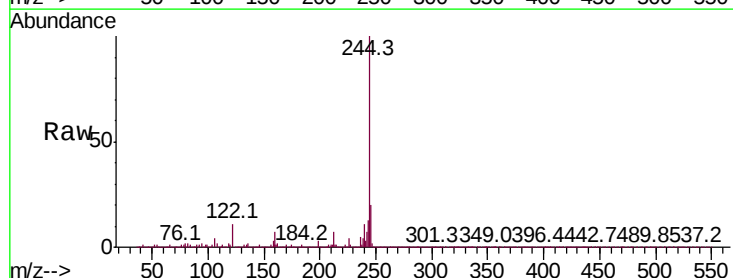
Tgt Ion:244 Resp: 3048224

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

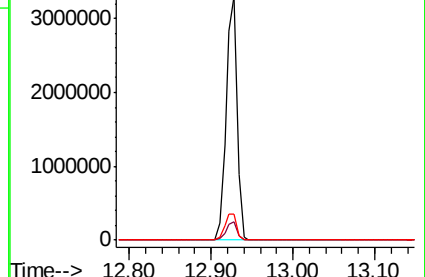
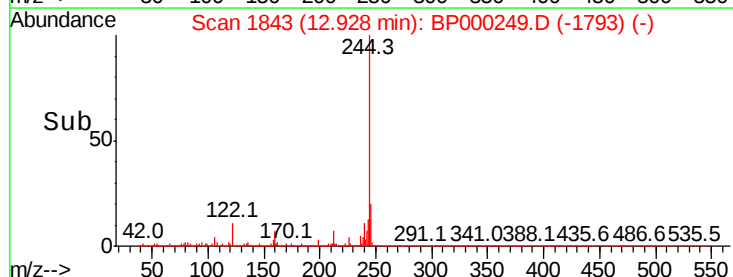
122 10.7 9.0 13.4

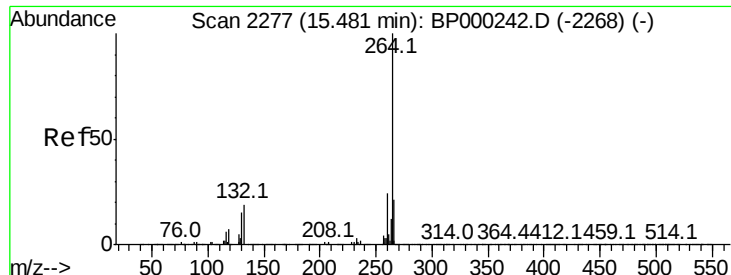


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



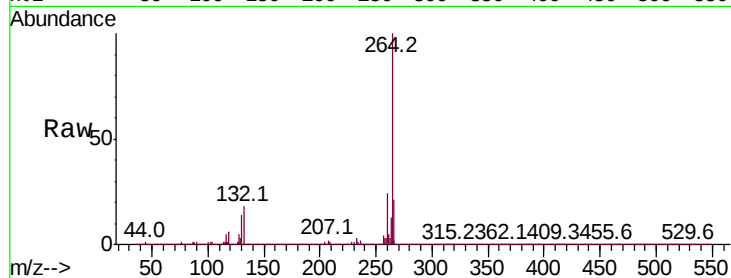


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BP000249.D
Acq: 16 Sep 2019 20:23

Instrument :
BNA_P
ClientSampleId :
TP-11-S(1.5-4)

Tot Ion:264 Resp: 1071574

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.4	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

