

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 06:48:47 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

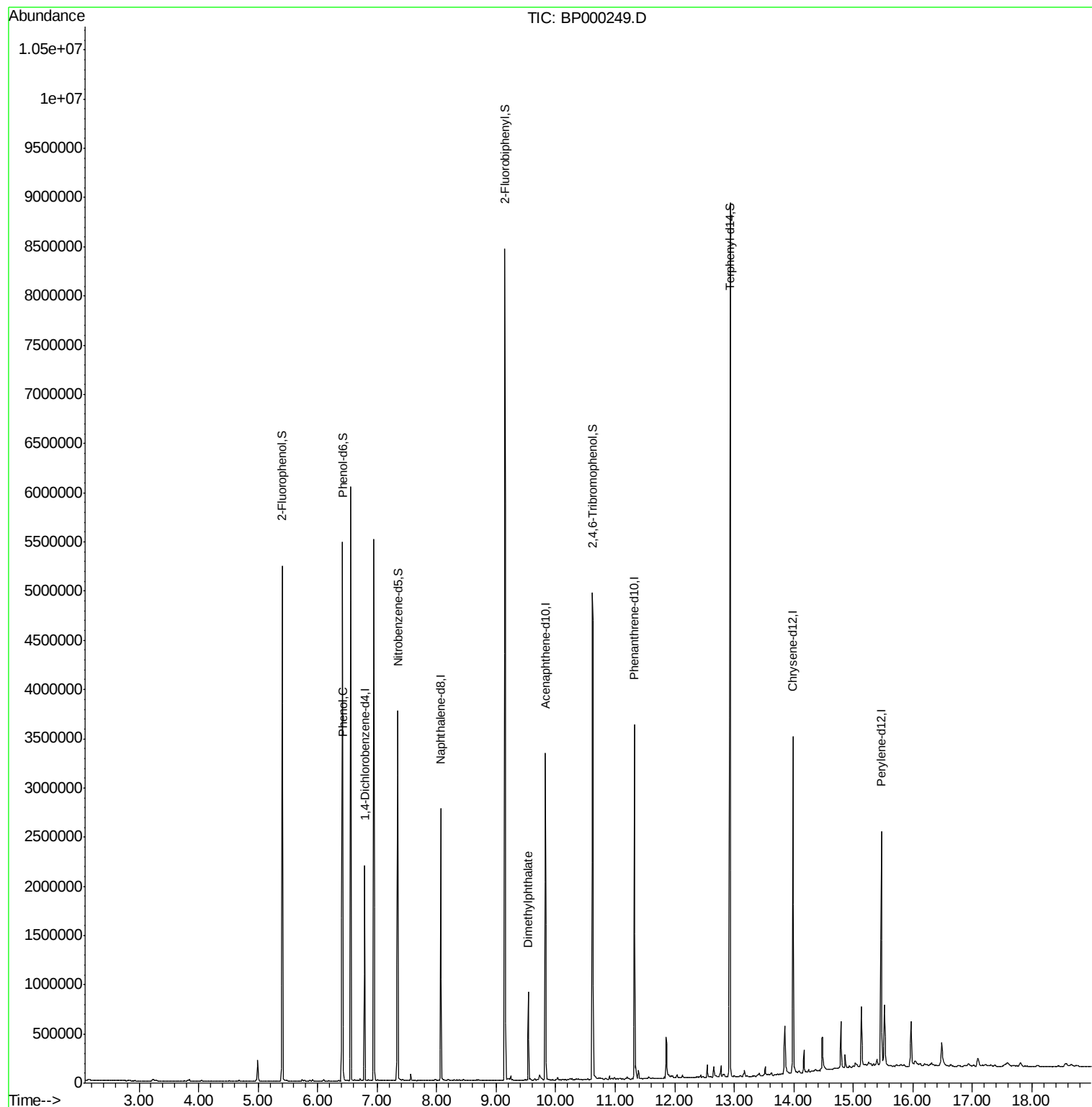
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	298101	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1099492	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	614265	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1152948	20.00	ng	0.00
76) Chrysene-d12	13.99	240	997579	20.00	ng	-0.01
87) Perylene-d12	15.47	264	1071574	20.00	ng	-0.01
System Monitoring Compounds						
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						
10) Phenol	6.43	94	104869	4.361	ng	96
50) Dimethylphthalate	9.54	163	322119	7.697	ng	99

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

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#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)

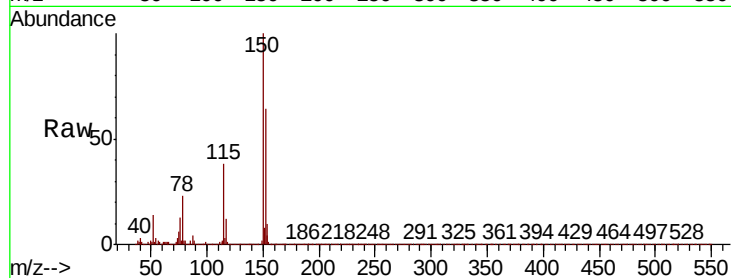
Tot Ion:152 Resp: 298101

Ion Ratio Lower Upper

152 100

150 155.9 125.2 187.8

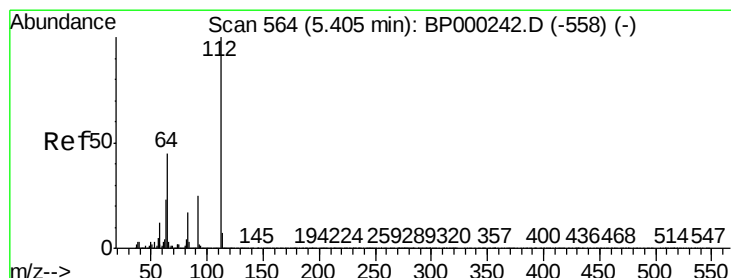
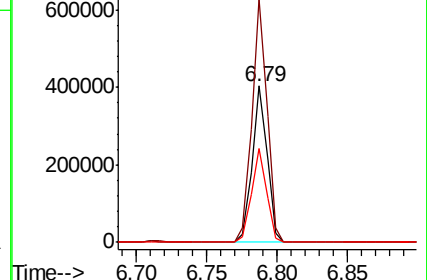
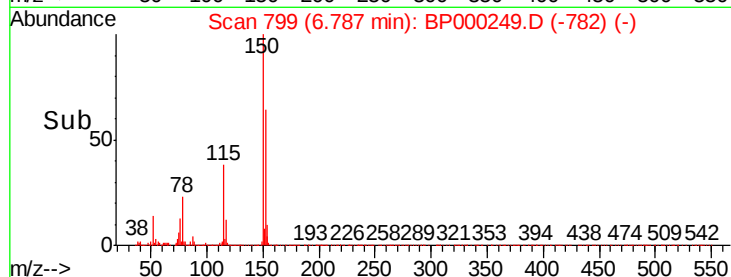
115 59.9 49.7 74.5



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

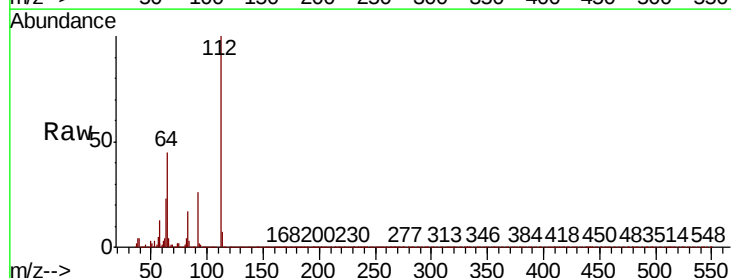
Tgt Ion:112 Resp: 1658920

Ion Ratio Lower Upper

112 100

64 45.3 36.2 54.4

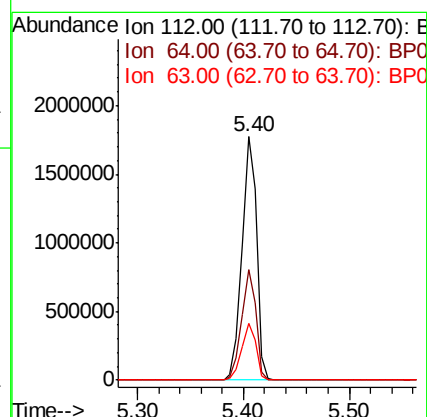
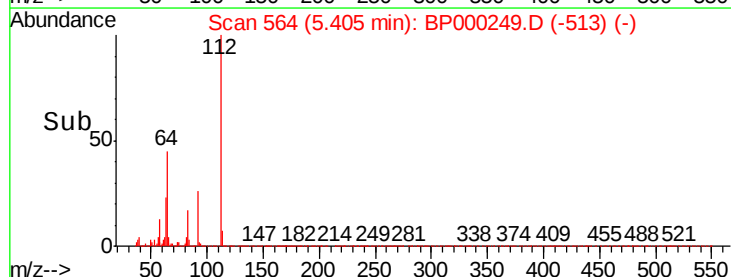
63 23.2 18.3 27.5

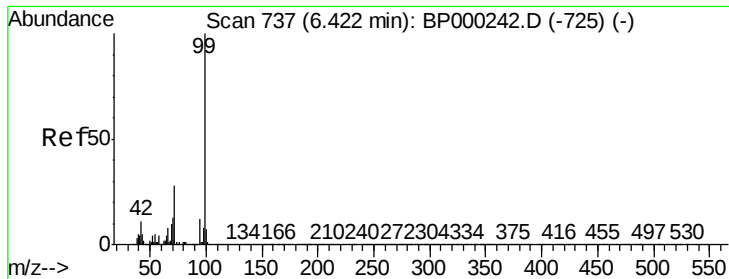


Abundance Ion 112.00 (111.70 to 112.70): E

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)

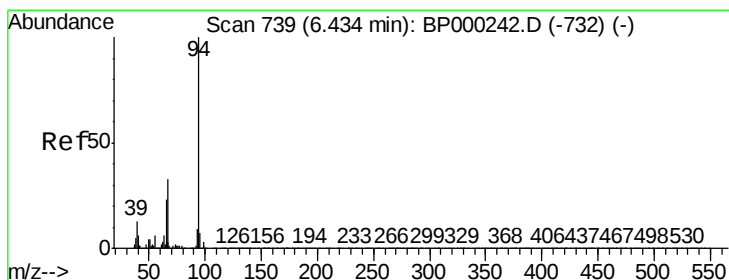
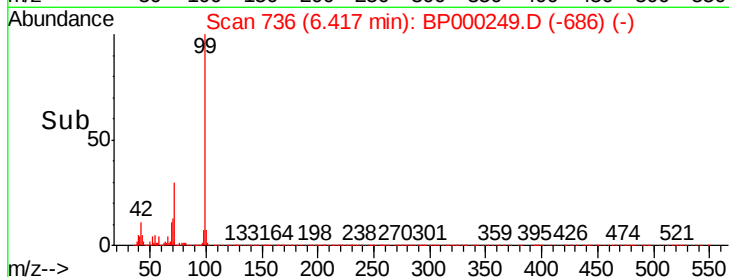
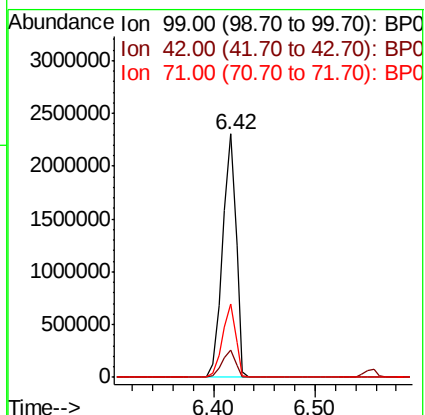
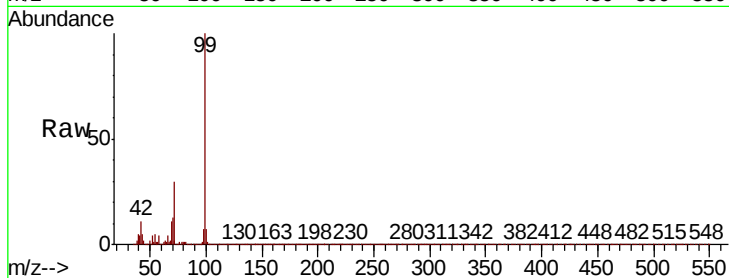
Tot Ion: 99 Resp: 2127799

Ion	Ratio	Lower	Upper
99	100		
42	11.2	8.5	12.7
71	29.9	22.6	34.0

99 100

42 11.2 8.5 12.7

71 29.9 22.6 34.0



#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

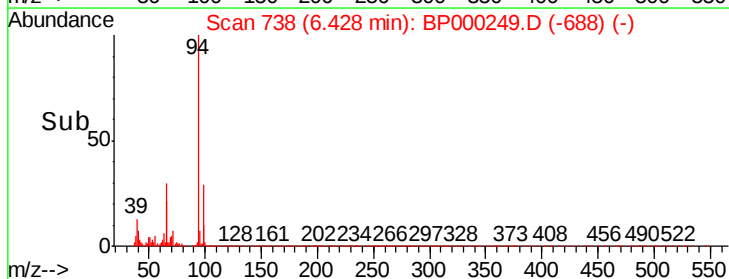
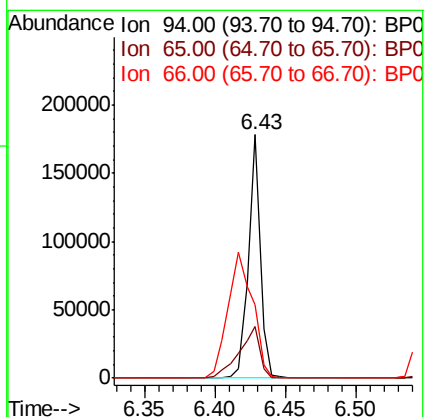
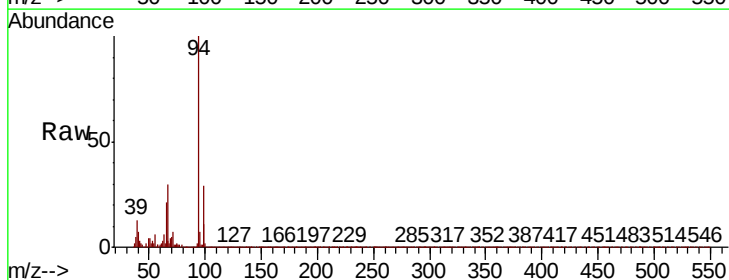
Tgt Ion: 94 Resp: 104869

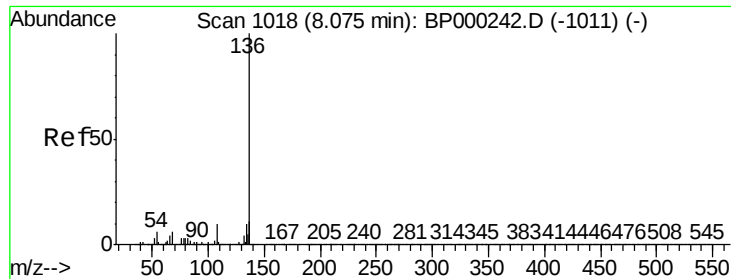
Ion	Ratio	Lower	Upper
94	100		
65	21.3	3.3	43.3
66	30.3	12.7	52.7

94 100

65 21.3 3.3 43.3

66 30.3 12.7 52.7

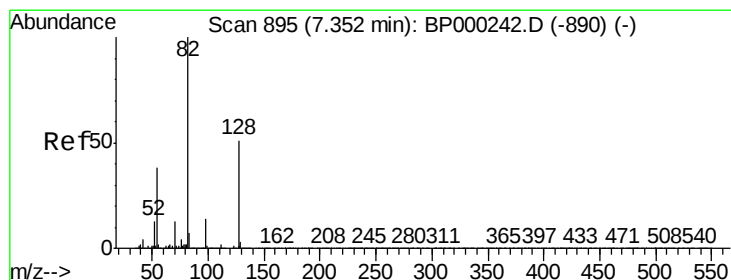
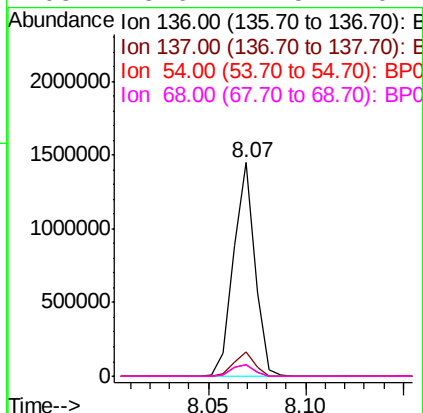
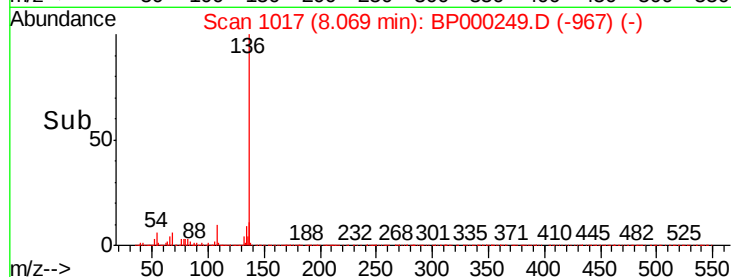
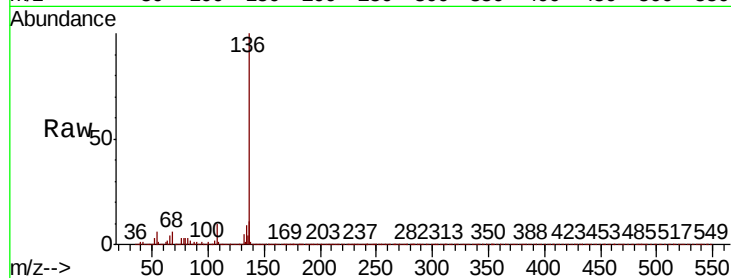




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000249.D
Acq: 16 Sep 2019 20:23

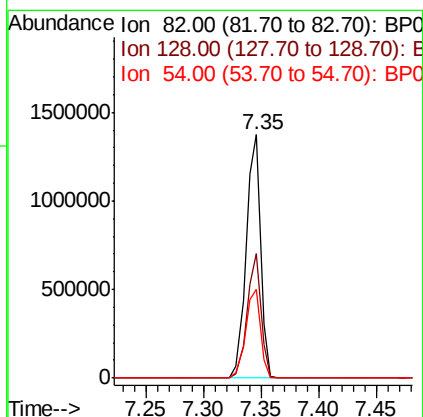
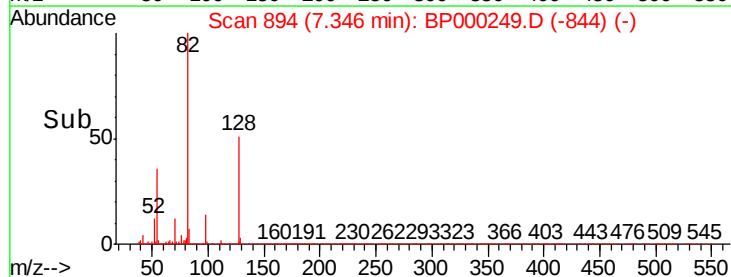
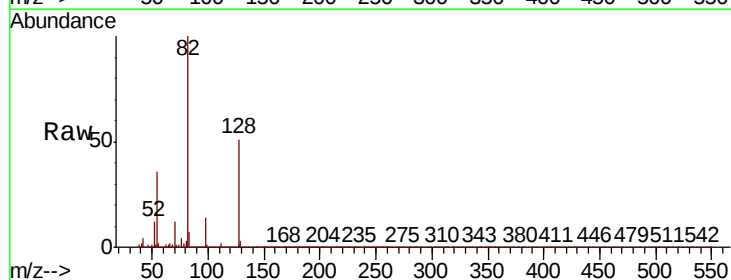
Instrument :
BNA_P
ClientSampleId :
TP-11-S(1.5-4)

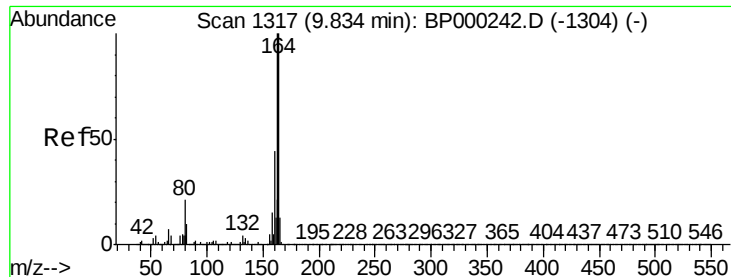
Tot Ion:136	Resp: 1099492
Ion Ratio	Lower Upper
136 100	
137 11.1	8.6 13.0
54 5.6	4.5 6.7
68 5.6	4.5 6.7



#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





#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

Instrument :

BNA_P

ClientSampleId :

TP-11-S(1.5-4)

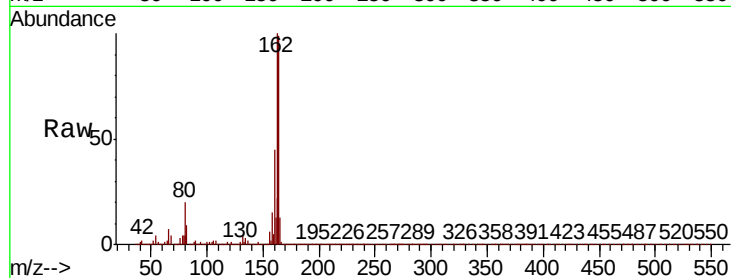
Tot Ion:164 Resp: 614265

Ion Ratio Lower Upper

164 100

162 101.4 79.9 119.9

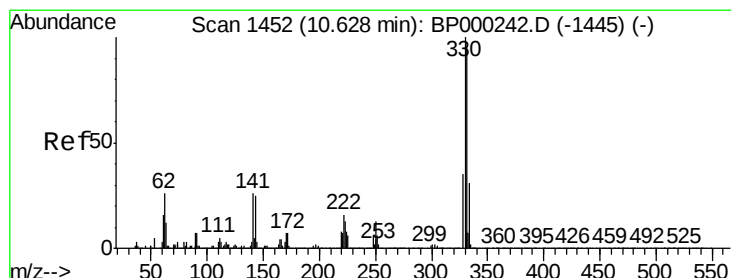
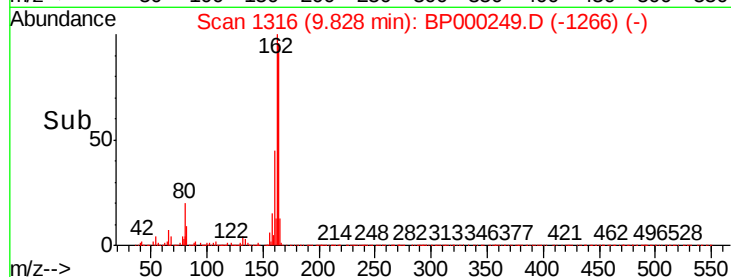
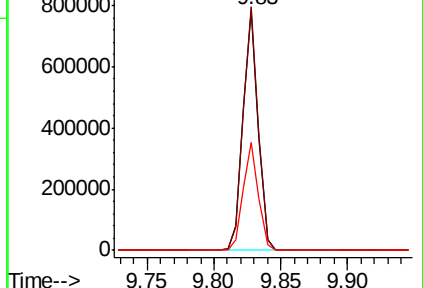
160 45.2 35.6 53.4



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

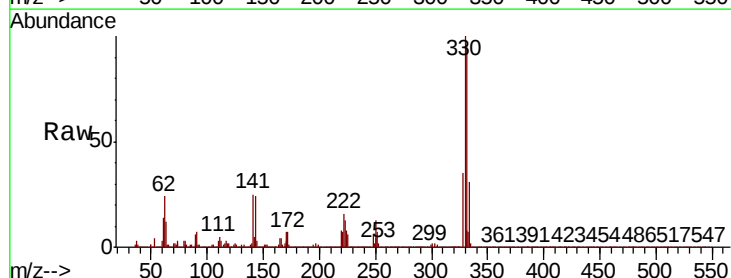
Tgt Ion:330 Resp: 667730

Ion Ratio Lower Upper

330 100

332 96.2 76.6 115.0

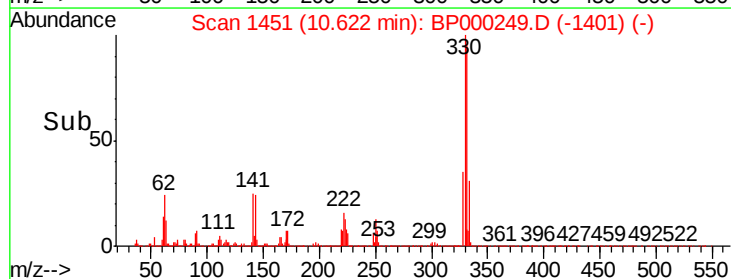
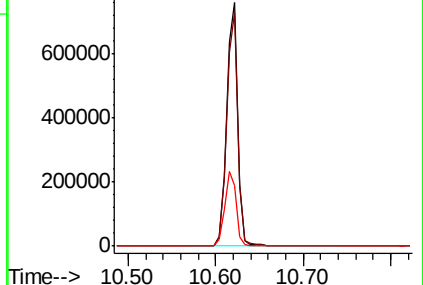
141 32.0 26.5 39.7

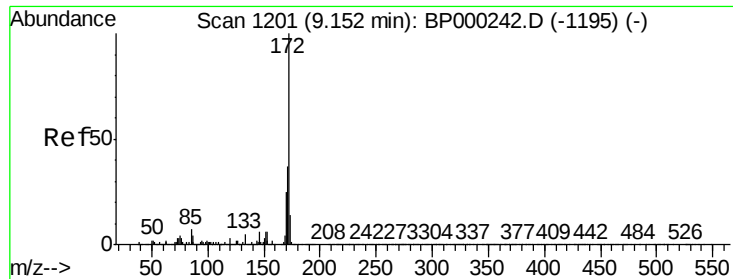


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

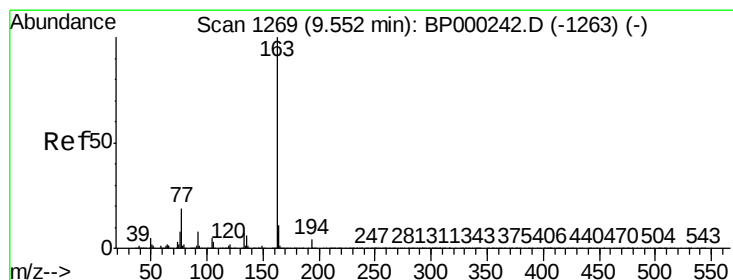
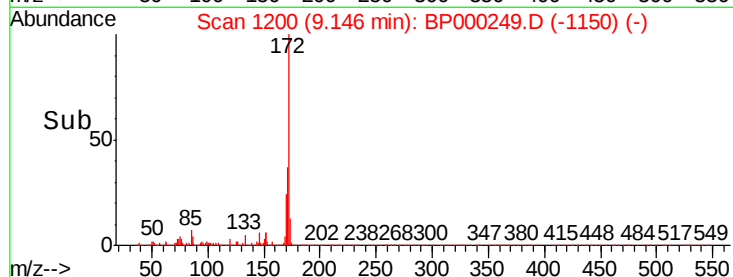
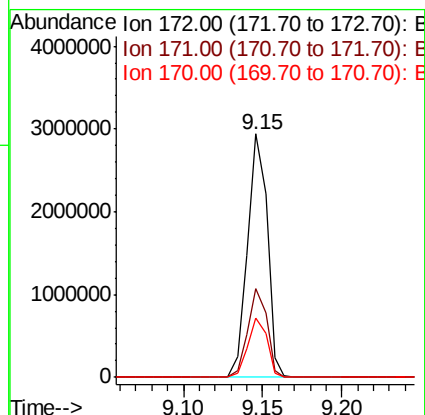
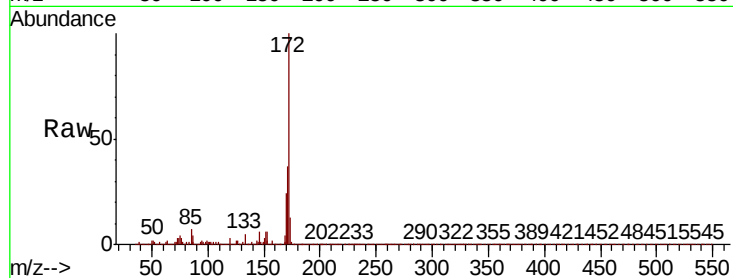




#45
2-Fluorobiphenyl
Concen: 73.901 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BP000249.D
Acq: 16 Sep 2019 20:23

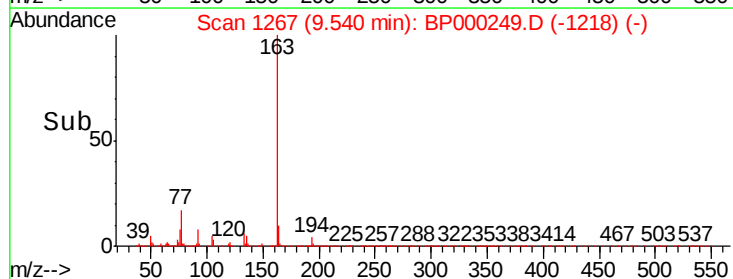
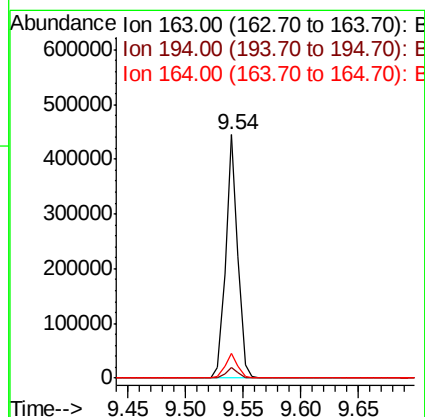
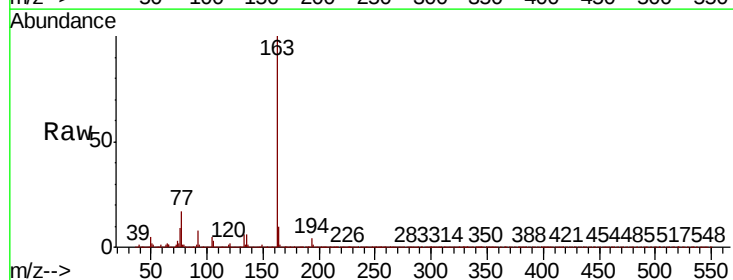
Instrument :
BNA_P
ClientSampleId :
TP-11-S(1.5-4)

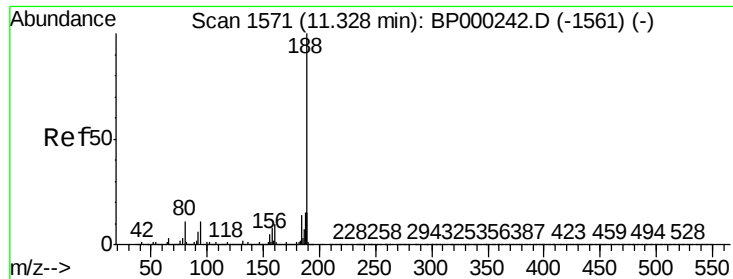
Tot Ion:172 Resp: 2522198
Ion Ratio Lower Upper
172 100
171 36.5 29.8 44.6
170 24.2 19.8 29.6



#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

Tgt Ion:163 Resp: 322119
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.3 8.5 12.7





#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)

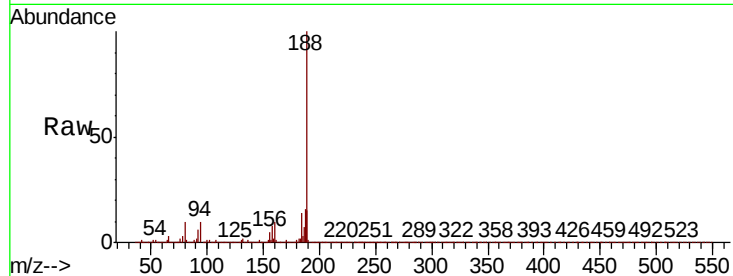
Tot Ion:188 Resp: 1152948

Ion Ratio Lower Upper

188 100

94 9.8 8.5 12.7

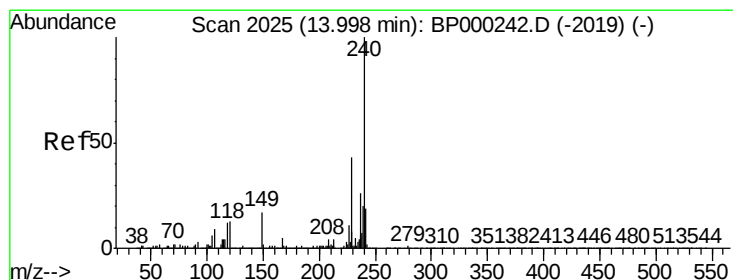
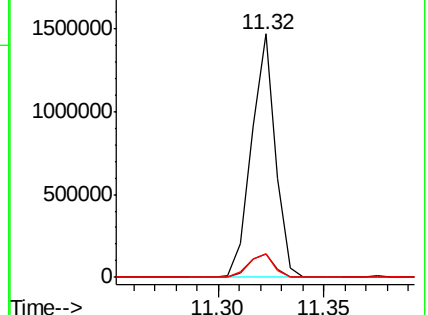
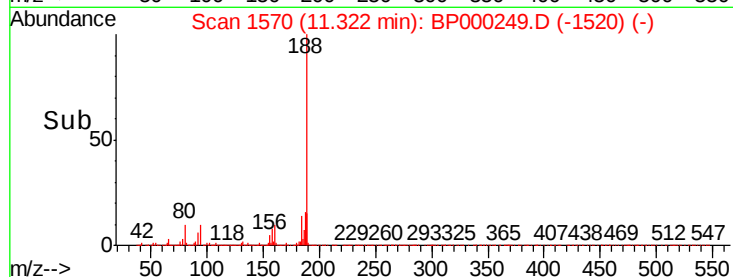
80 9.8 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#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

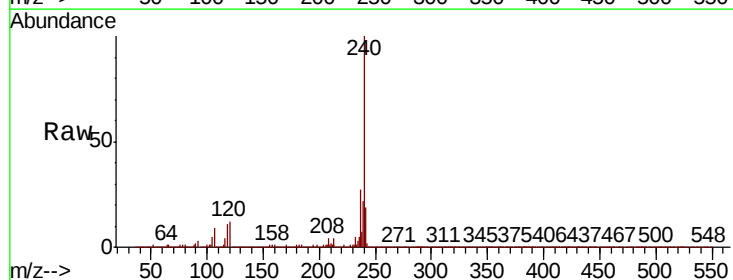
Tgt Ion:240 Resp: 997579

Ion Ratio Lower Upper

240 100

120 12.0 10.4 15.6

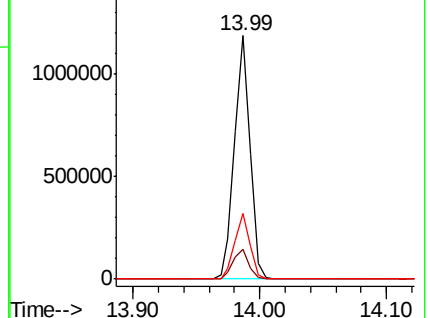
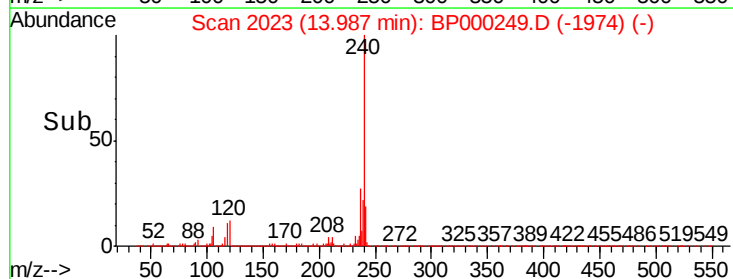
236 26.8 21.0 31.6

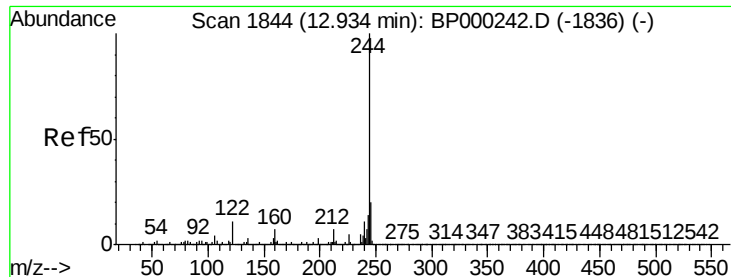


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

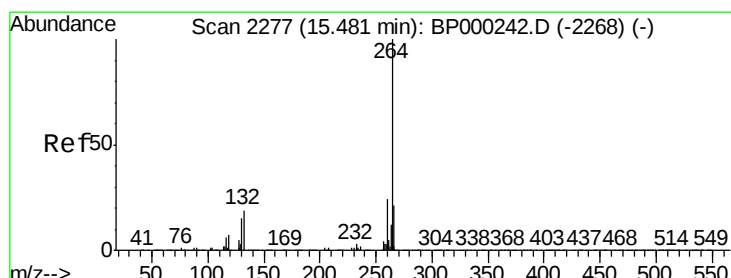
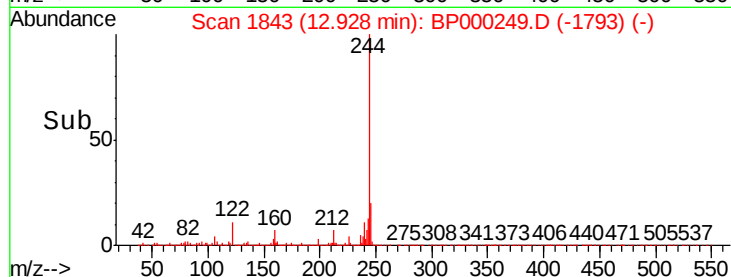
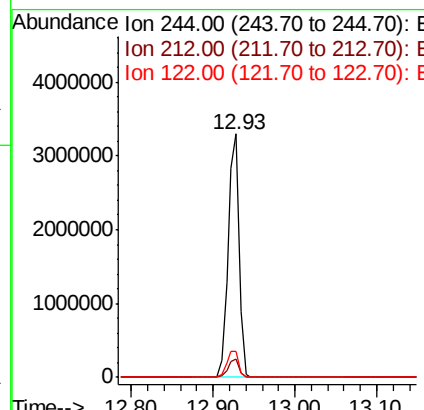
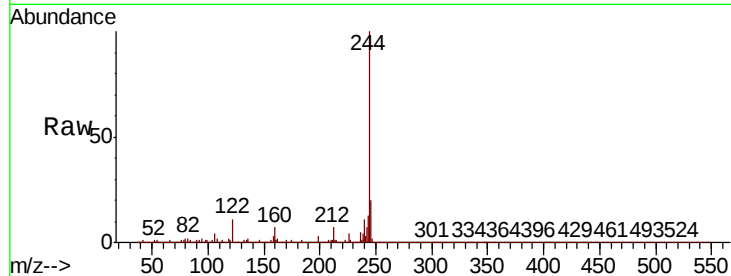




#79
 Terphenyl-d14
 Concen: 64.102 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BP000249.D
 Acq: 16 Sep 2019 20:23

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

Tot Ion:244 Resp: 3048224
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 10.7 9.0 13.4



#87
 Perylene-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

Tgt Ion:264 Resp: 1071574
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.9 28.3
 265 21.4 17.2 25.8

