

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121718\
 Data File : BF111570.D
 Acq On : 18 Dec 2018 6:32
 Operator : JU/SJ
 Sample : J6403-52
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-A

Quant Time: Dec 18 07:27:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

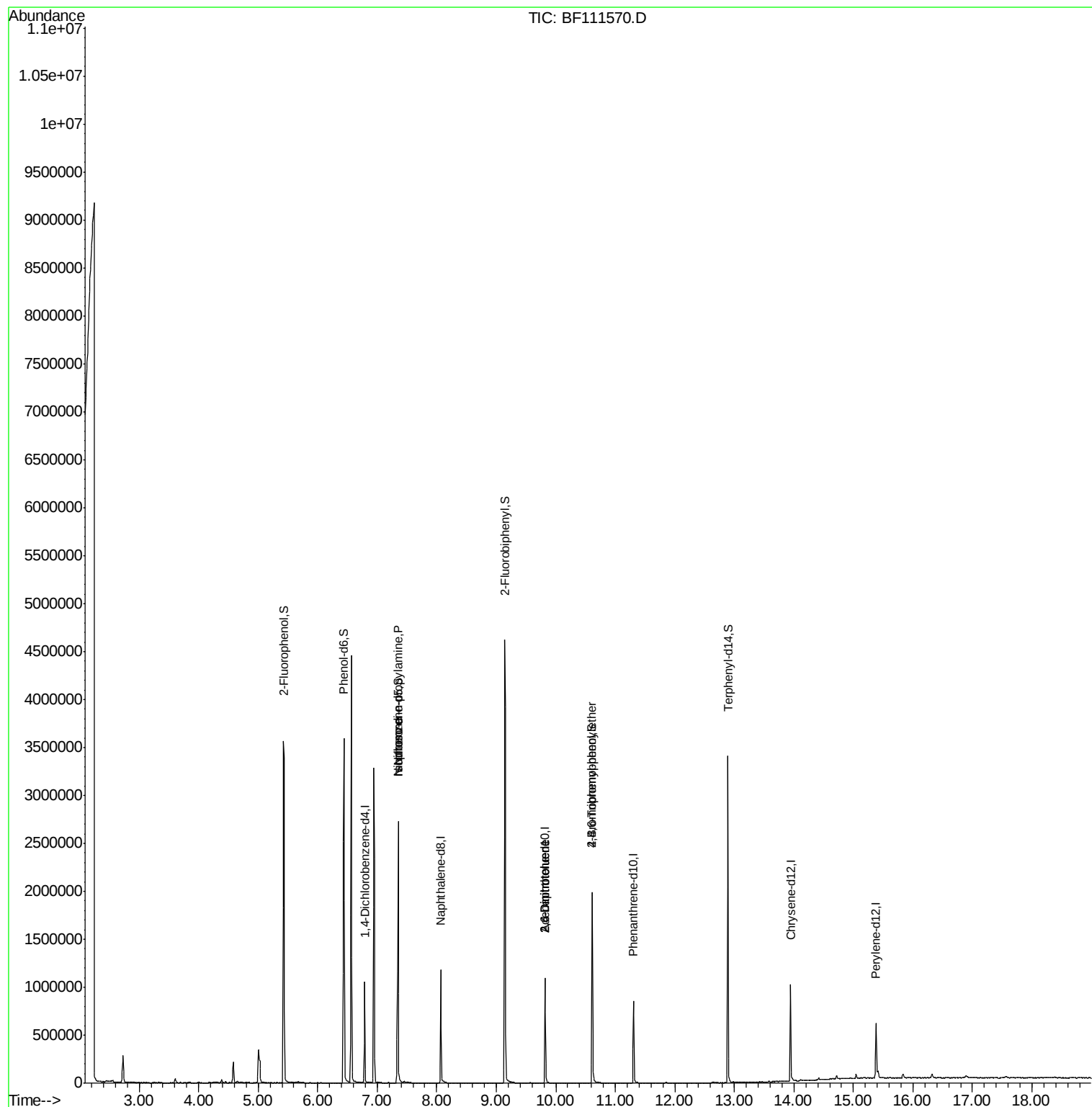
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	141090	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	547788	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	224397	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	345127	20.00	ng	-0.01
76) Chrysene-d12	13.94	240	371180	20.00	ng	0.00
87) Perylene-d12	15.38	264	286983	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1045186	123.27	ng	0.02
7) Phenol-d6	6.44	99	1217435	107.95	ng	0.00
23) Nitrobenzene-d5	7.35	82	902020	98.06	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	246851	122.80	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1616592	111.28	ng	-0.01
79) Terphenyl-d14	12.89	244	1133456	71.71	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	117749	15.825	ng	# 79
25) Isophorone	7.35	82	902009	57.952	ng	# 64
51) 2,6-Dinitrotoluene	9.82	165	27719	7.620	ng	# 30
57) 2,4-Dinitrotoluene	9.82	165	27719	5.806	ng	# 25
67) 4-Bromophenyl-phenylether	10.62	248	15809	4.250	ng	# 1

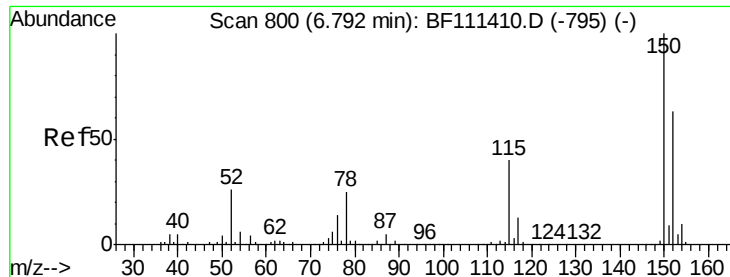
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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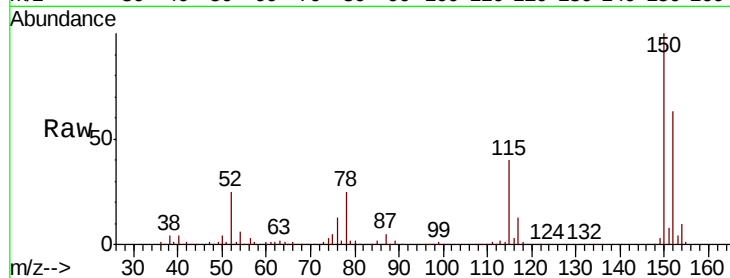


#1

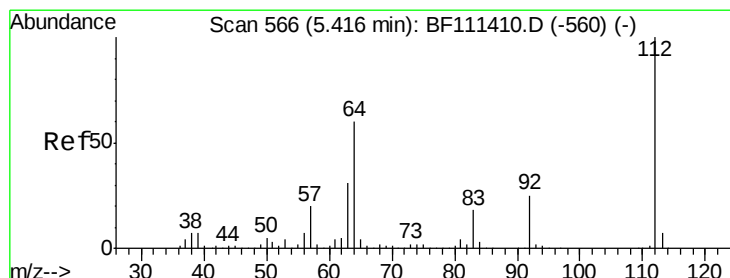
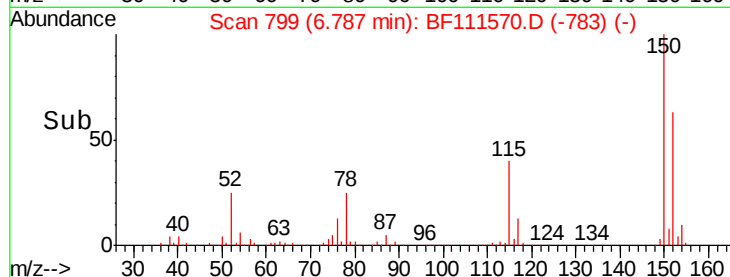
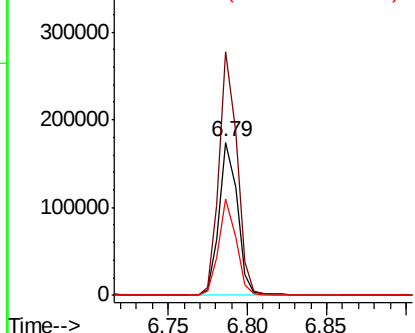
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF111570.D
Acq: 18 Dec 2018 6:32

Instrument :
BNA_F
ClientSampleId :
TP-7-A

Tgt Ion:152 Resp: 141090
Ion Ratio Lower Upper
152 100
150 159.4 126.6 189.8
115 63.5 50.7 76.1



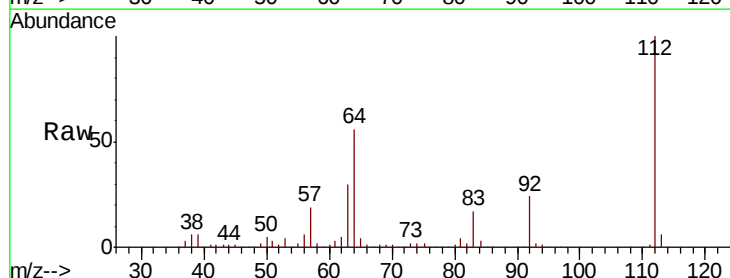
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



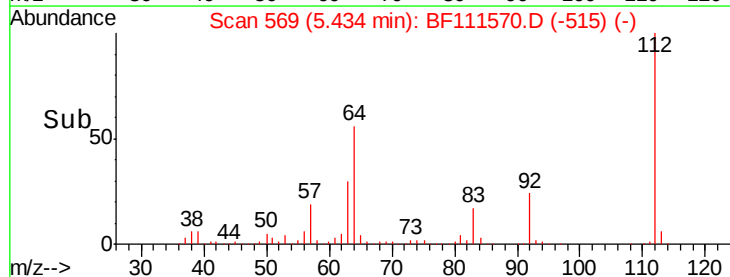
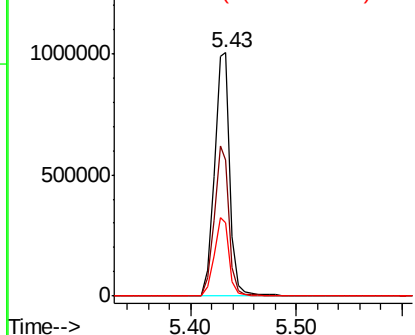
#5

2-Fluorophenol
Concen: 123.273 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF111570.D
Acq: 18 Dec 2018 6:32

Tgt Ion:112 Resp: 1045186
Ion Ratio Lower Upper
112 100
64 56.1 51.8 77.6
63 29.9 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 107.947 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111570.D

Acq: 18 Dec 2018 6:32

Instrument :

BNA_F

ClientSampleId :

TP-7-A

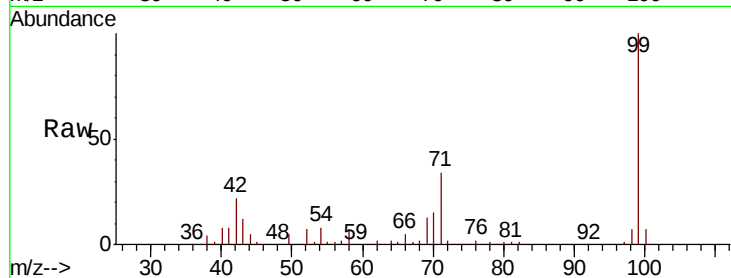
Tgt Ion: 99 Resp: 1217435

Ion Ratio Lower Upper

99 100

42 21.6 17.4 26.0

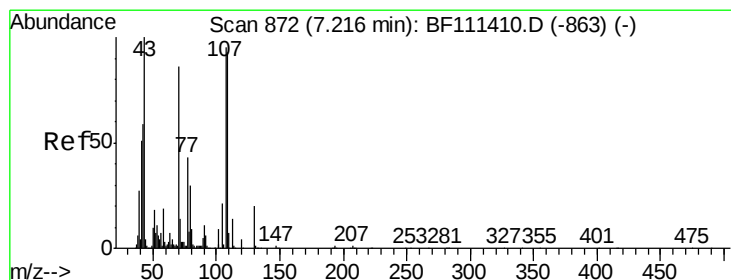
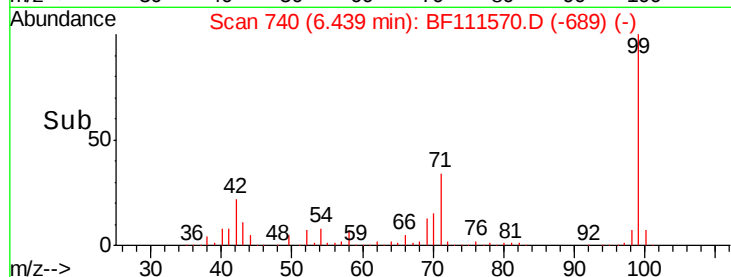
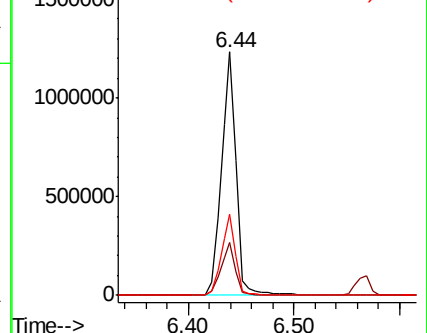
71 33.5 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 15.825 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.14 min

Lab File: BF111570.D

Acq: 18 Dec 2018 6:32

Tgt Ion: 70 Resp: 117749

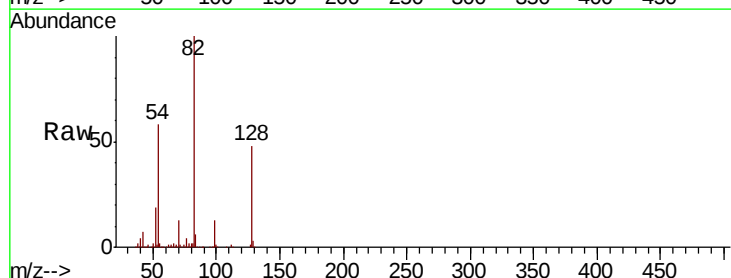
Ion Ratio Lower Upper

70 100

42 56.0 53.2 79.8

101 0.0 8.2 12.4#

130 2.5 18.1 27.1#

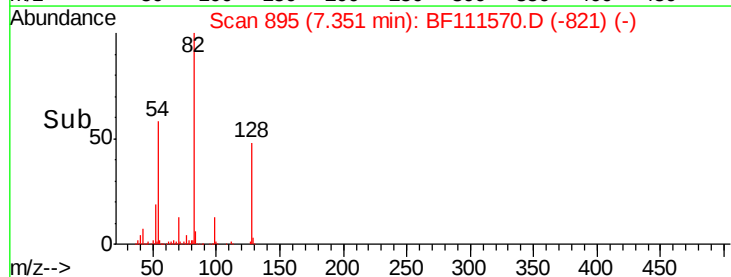
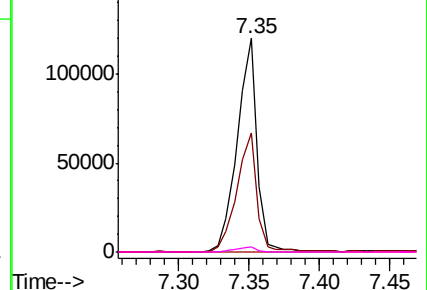


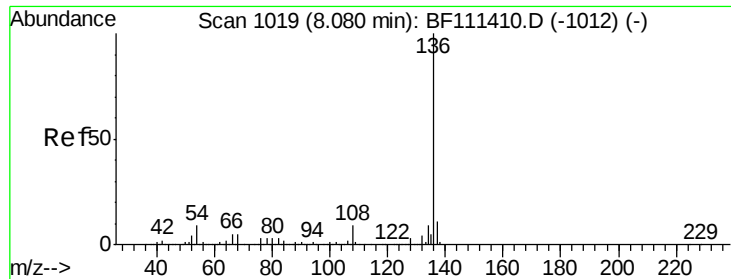
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

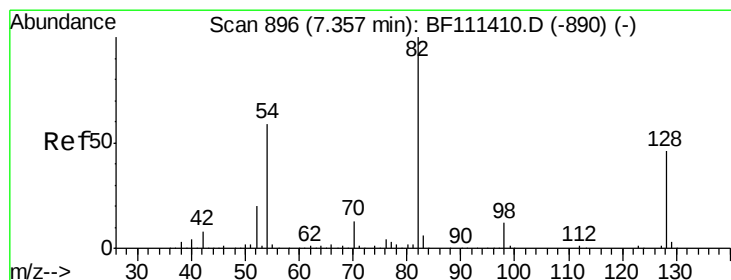
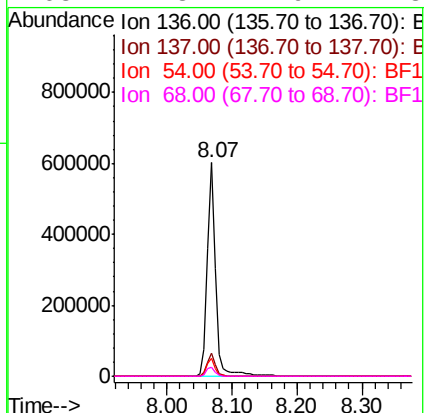
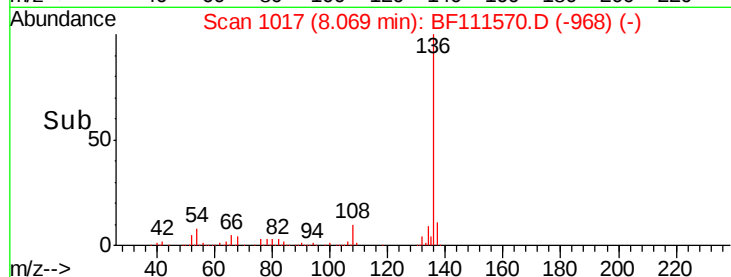
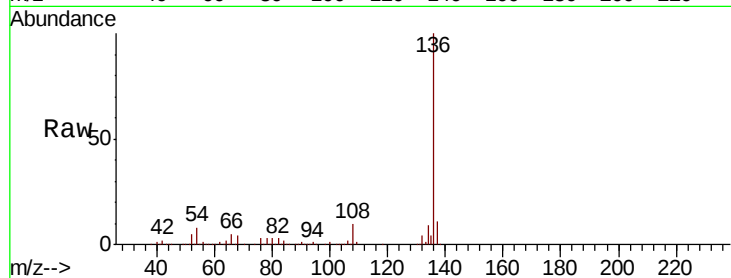




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF111570.D
Acq: 18 Dec 2018 6:32

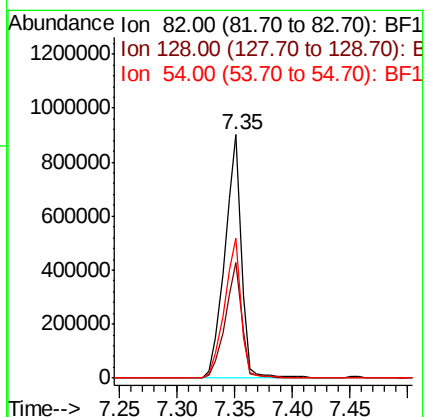
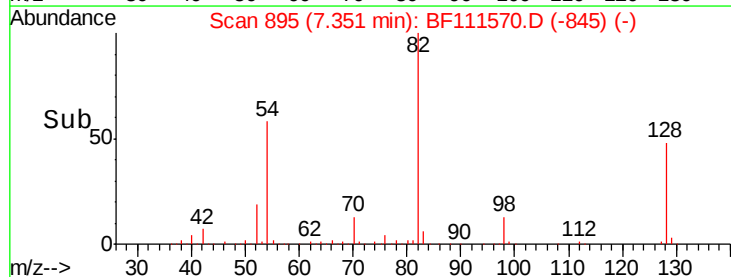
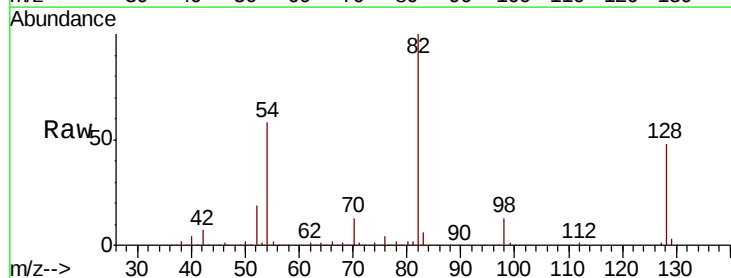
Instrument :
BNA_F
ClientSampleId :
TP-7-A

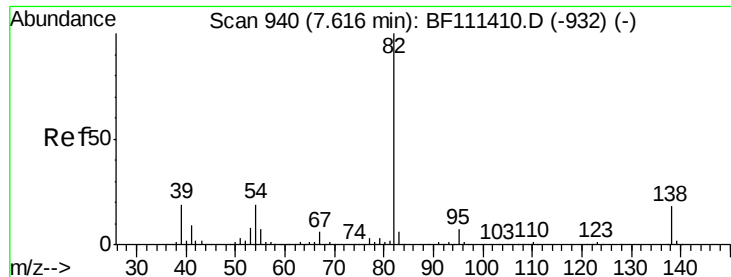
Tgt Ion:	136	Resp:	547788
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	8.3	7.7	11.5
68	4.3	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 98.056 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111570.D
Acq: 18 Dec 2018 6:32

Tgt Ion:	82	Resp:	902020
Ion	Ratio	Lower	Upper
82	100		
128	47.6	37.4	56.2
54	57.7	47.6	71.4





#25

Isophorone

Concen: 57.952 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.26 min

Lab File: BF111570.D

Acq: 18 Dec 2018 6:32

Instrument :

BNA_F

ClientSampleId :

TP-7-A

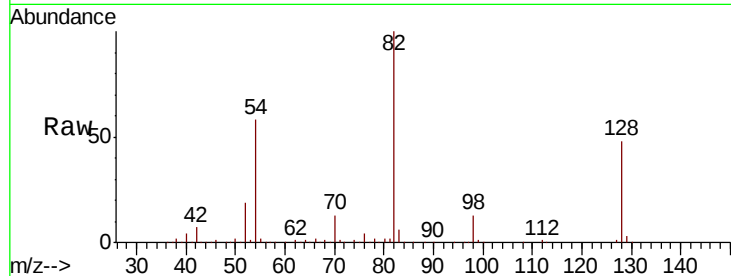
Tgt Ion: 82 Resp: 902009

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

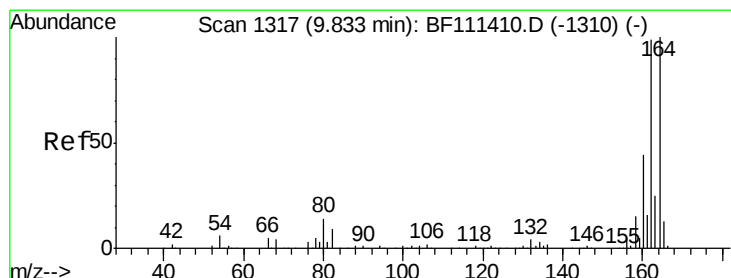
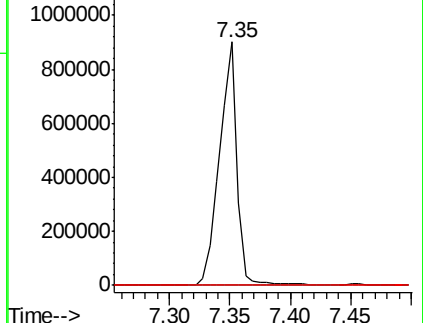
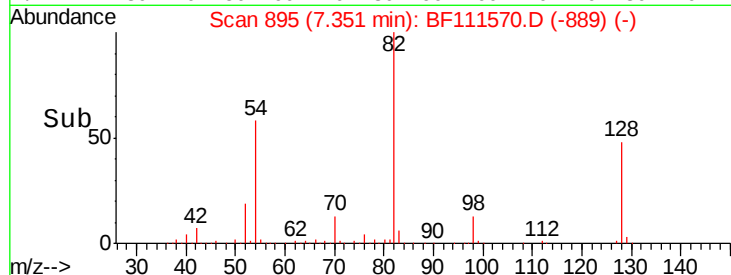
138 0.0 15.1 22.7#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF111570.D

Acq: 18 Dec 2018 6:32

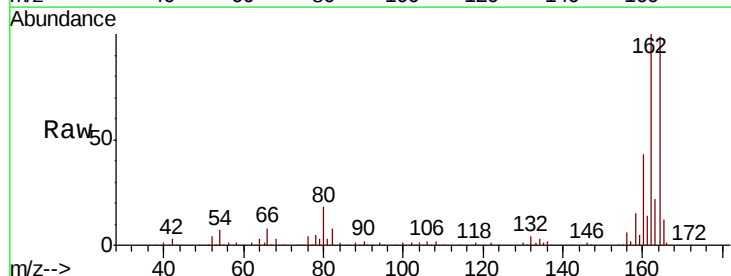
Tgt Ion: 164 Resp: 224397

Ion Ratio Lower Upper

164 100

162 100.5 81.4 122.0

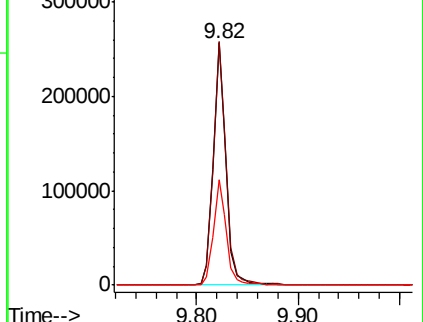
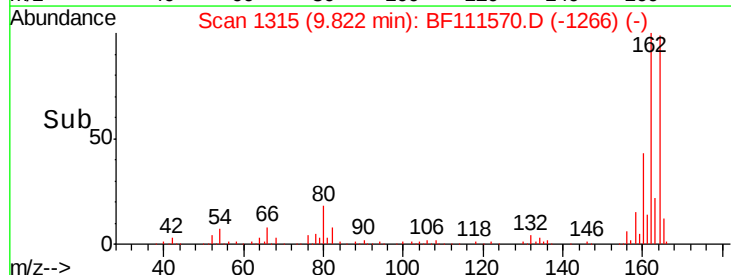
160 43.5 35.7 53.5

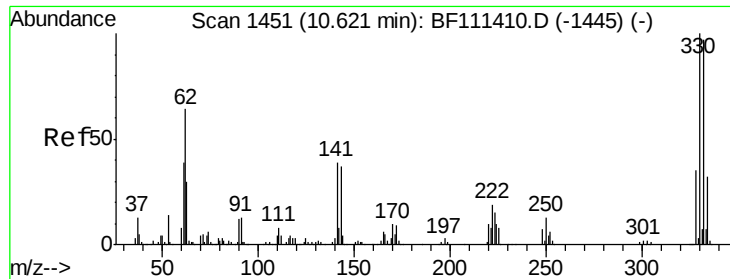


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

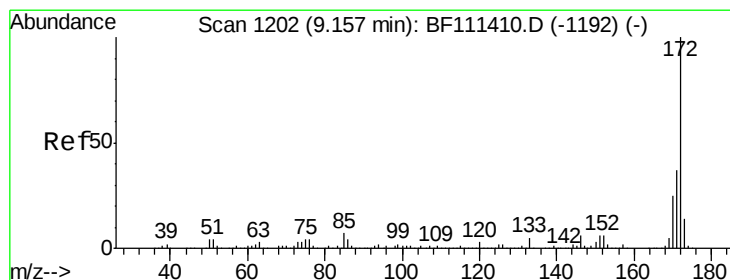
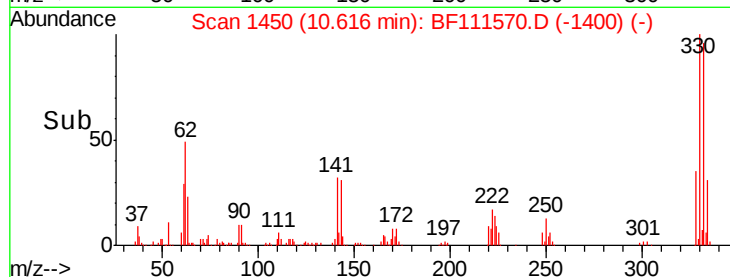
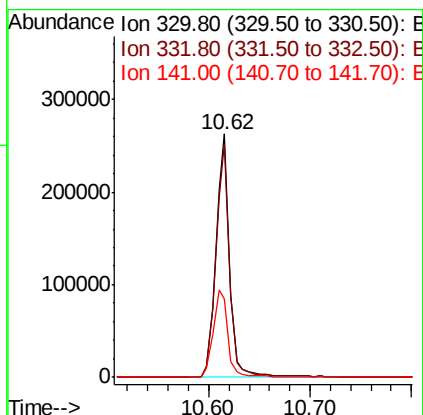
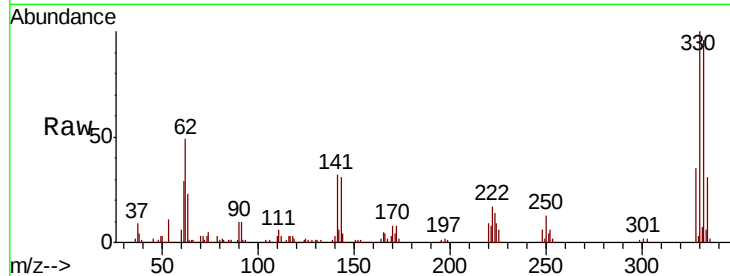




#42
 2,4,6-Tribromophenol
 Concen: 122.804 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111570.D
 Acq: 18 Dec 2018 6:32

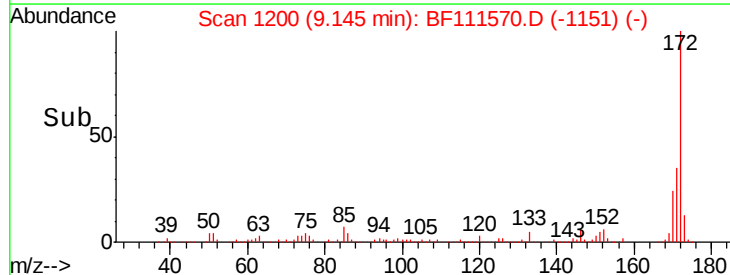
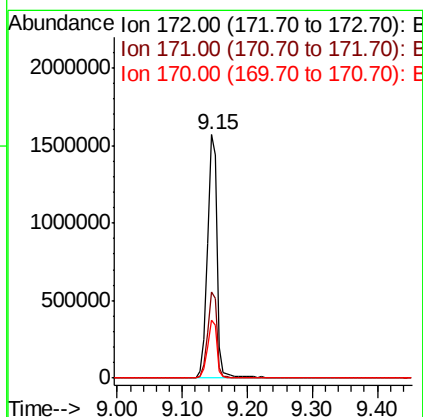
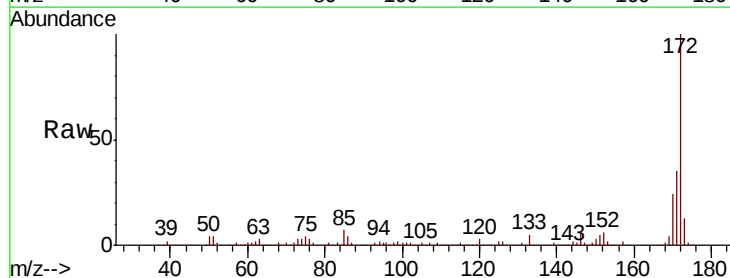
Instrument :
 BNA_F
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 TP-7-A

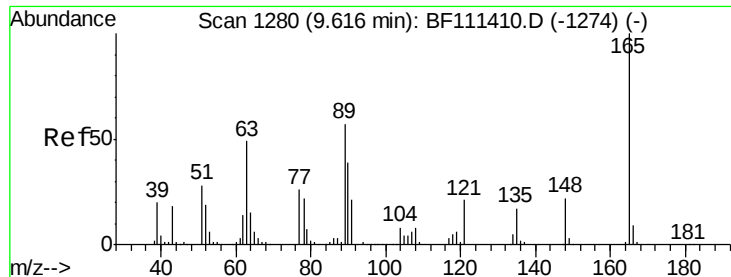
Tgt Ion:330 Resp: 246851
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.0 114.0
 141 39.1 31.0 46.6



#45
 2-Fluorobiphenyl
 Concen: 111.278 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF111570.D
 Acq: 18 Dec 2018 6:32

Tgt Ion:172 Resp: 1616592
 Ion Ratio Lower Upper
 172 100
 171 35.2 33.0 49.4
 170 23.7 22.3 33.5

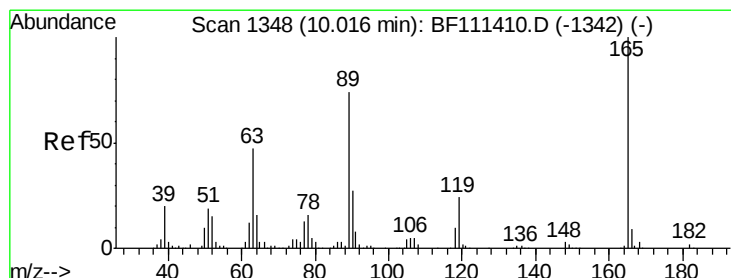
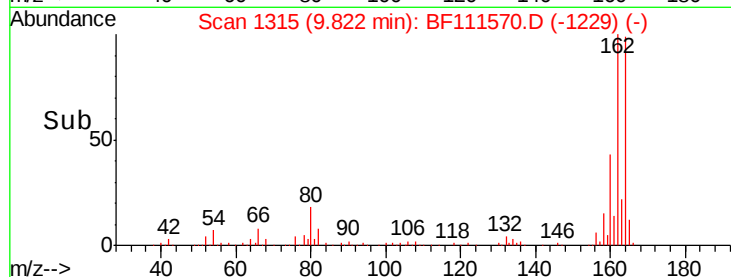
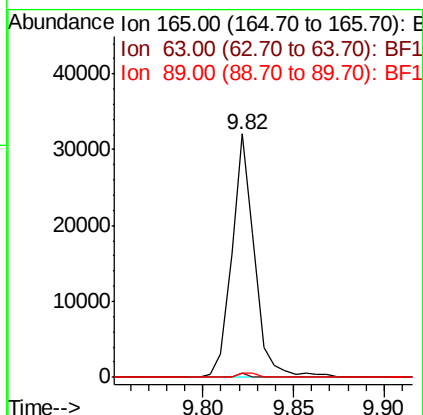
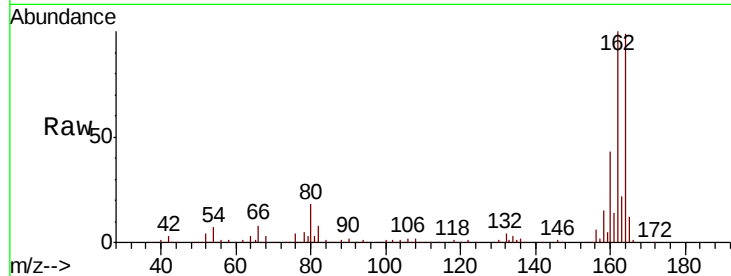




#51
 2,6-Dinitrotoluene
 Concen: 7.620 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.21 min
 Lab File: BF111570.D
 Acq: 18 Dec 2018 6:32

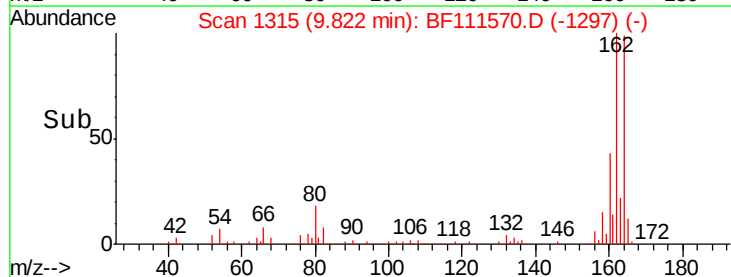
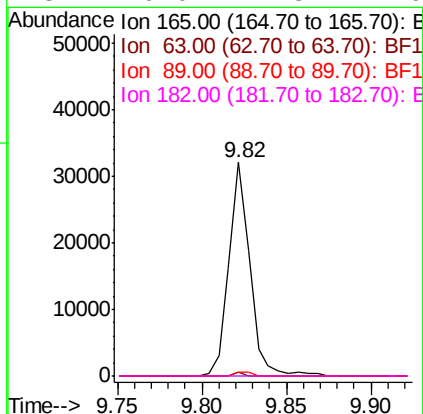
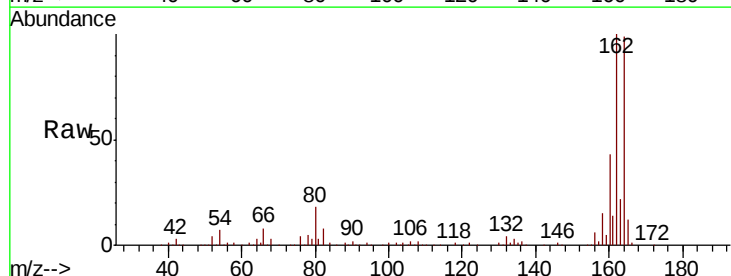
Instrument :
 BNA_F
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 TP-7-A

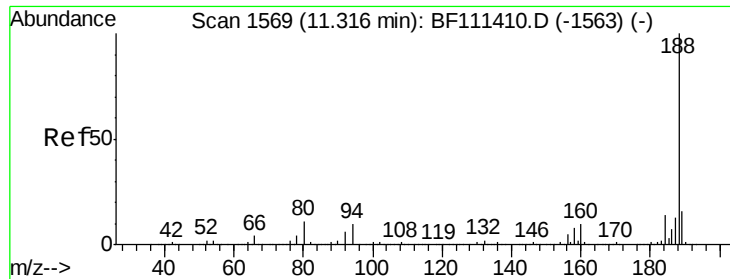
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	40.5	60.7#
89	1.7	40.0	60.0#



#57
 2,4-Dinitrotoluene
 Concen: 5.806 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.19 min
 Lab File: BF111570.D
 Acq: 18 Dec 2018 6:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	34.6	52.0#
89	1.7	56.2	84.4#
182	0.0	1.8	2.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BF111570.D

Acq: 18 Dec 2018 6:32

Instrument :

BNA_F

ClientSampleId :

TP-7-A

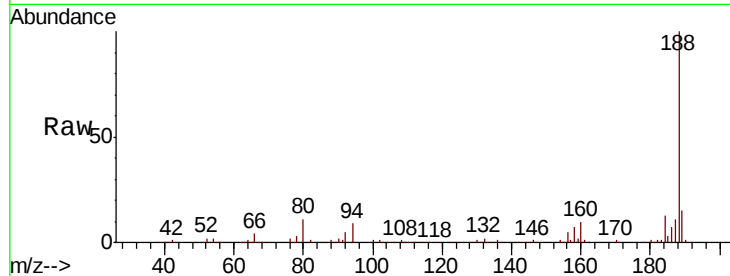
Tgt Ion:188 Resp: 345127

Ion Ratio Lower Upper

188 100

94 9.5 9.6 14.4#

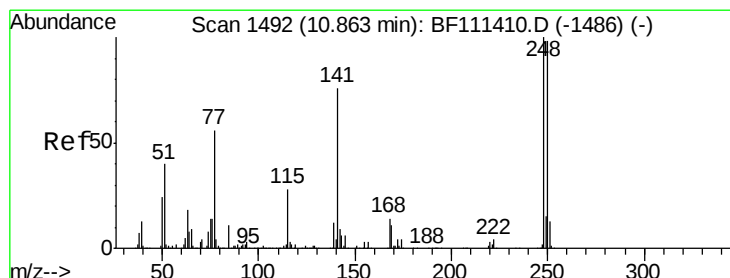
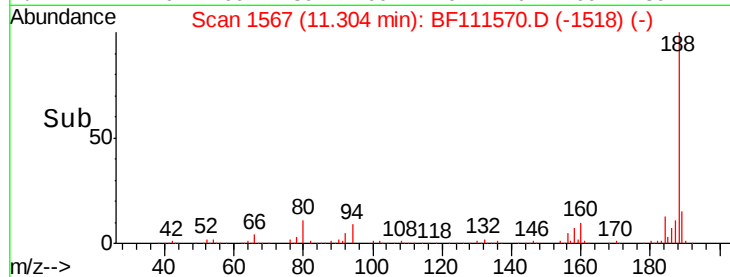
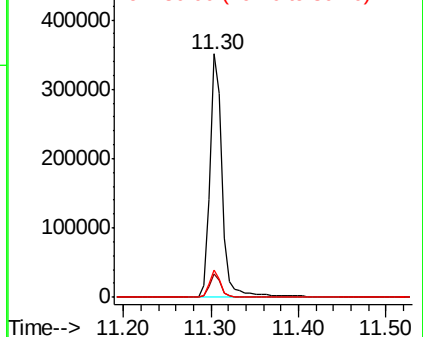
80 11.0 9.8 14.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#67

4-Bromophenyl-phenylether

Concen: 4.250 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.25 min

Lab File: BF111570.D

Acq: 18 Dec 2018 6:32

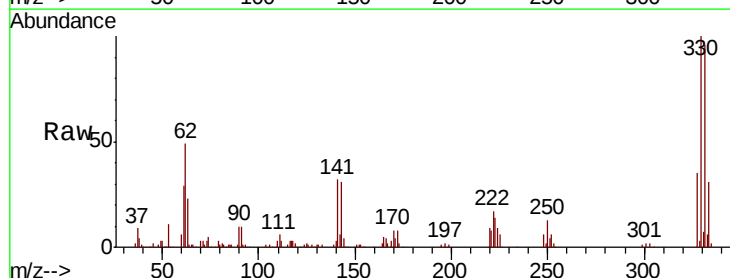
Tgt Ion:248 Resp: 15809

Ion Ratio Lower Upper

248 100

250 214.4 77.0 115.4#

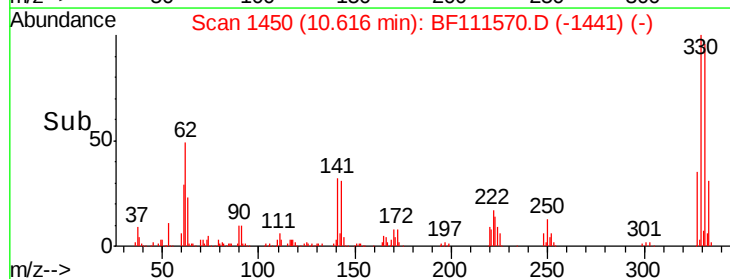
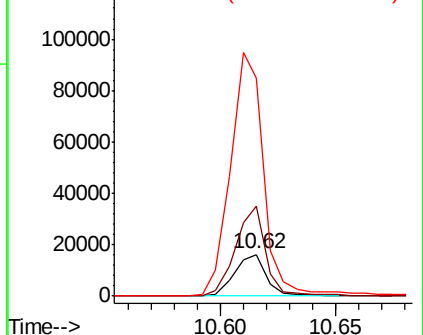
141 520.2 63.0 94.6#

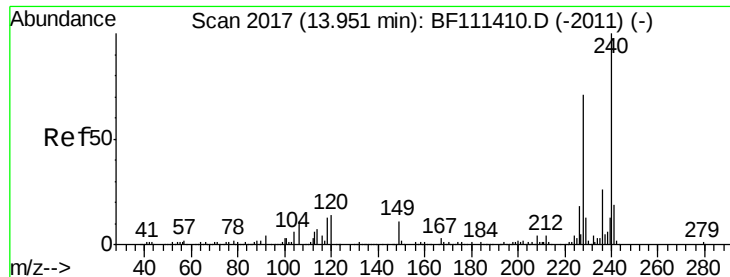


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

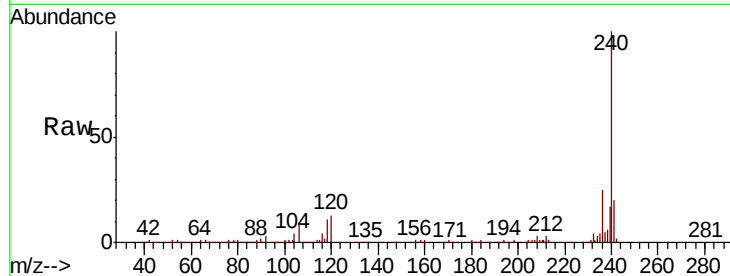




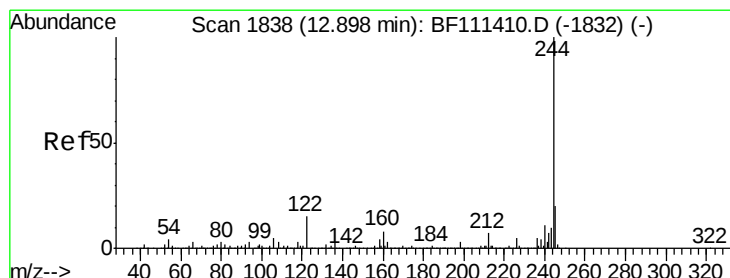
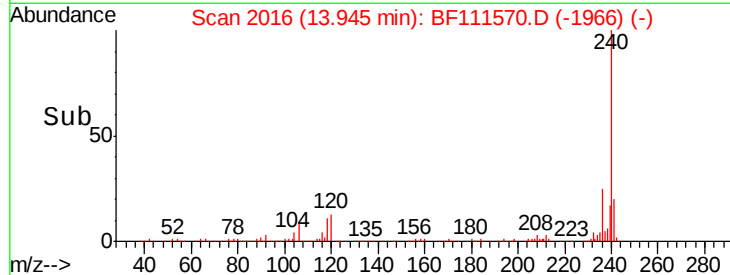
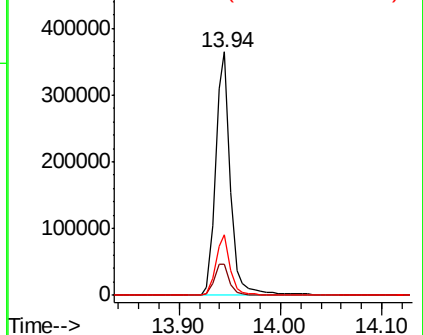
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111570.D
Acq: 18 Dec 2018 6:32

Instrument :
BNA_F
ClientSampled :
TP-7-A

Tgt Ion:240 Resp: 371180
Ion Ratio Lower Upper
240 100
120 12.7 12.2 18.2
236 24.9 20.2 30.2

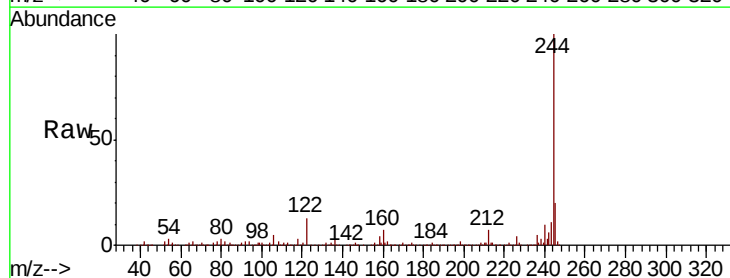


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

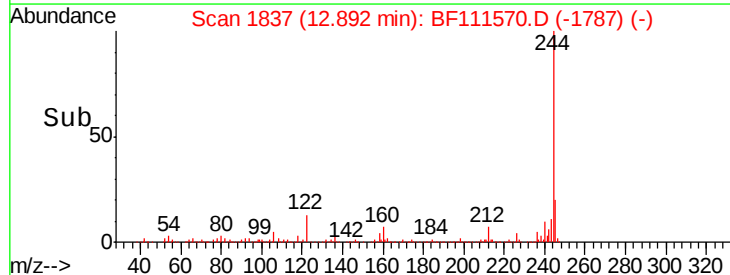
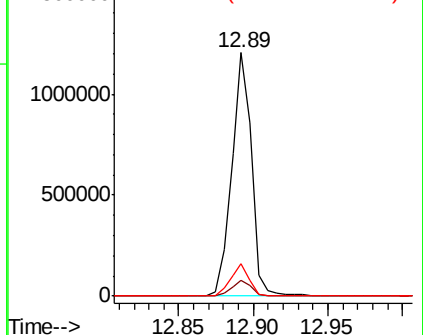


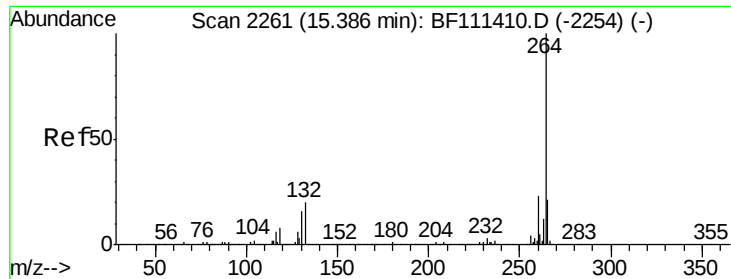
#79
Terphenyl-d14
Concen: 71.707 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF111570.D
Acq: 18 Dec 2018 6:32

Tgt Ion:244 Resp: 1133456
Ion Ratio Lower Upper
244 100
212 6.6 5.7 8.5
122 13.4 13.1 19.7



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: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF111570.D
Acq: 18 Dec 2018 6:32

Instrument :
BNA_F
ClientSampleId :
TP-7-A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.3	27.5
265	20.6	17.7	26.5

