

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121718\
 Data File : BF111571.D
 Acq On : 18 Dec 2018 6:59
 Operator : JU/SJ
 Sample : J6403-56
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-B

Quant Time: Dec 18 07:27:28 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

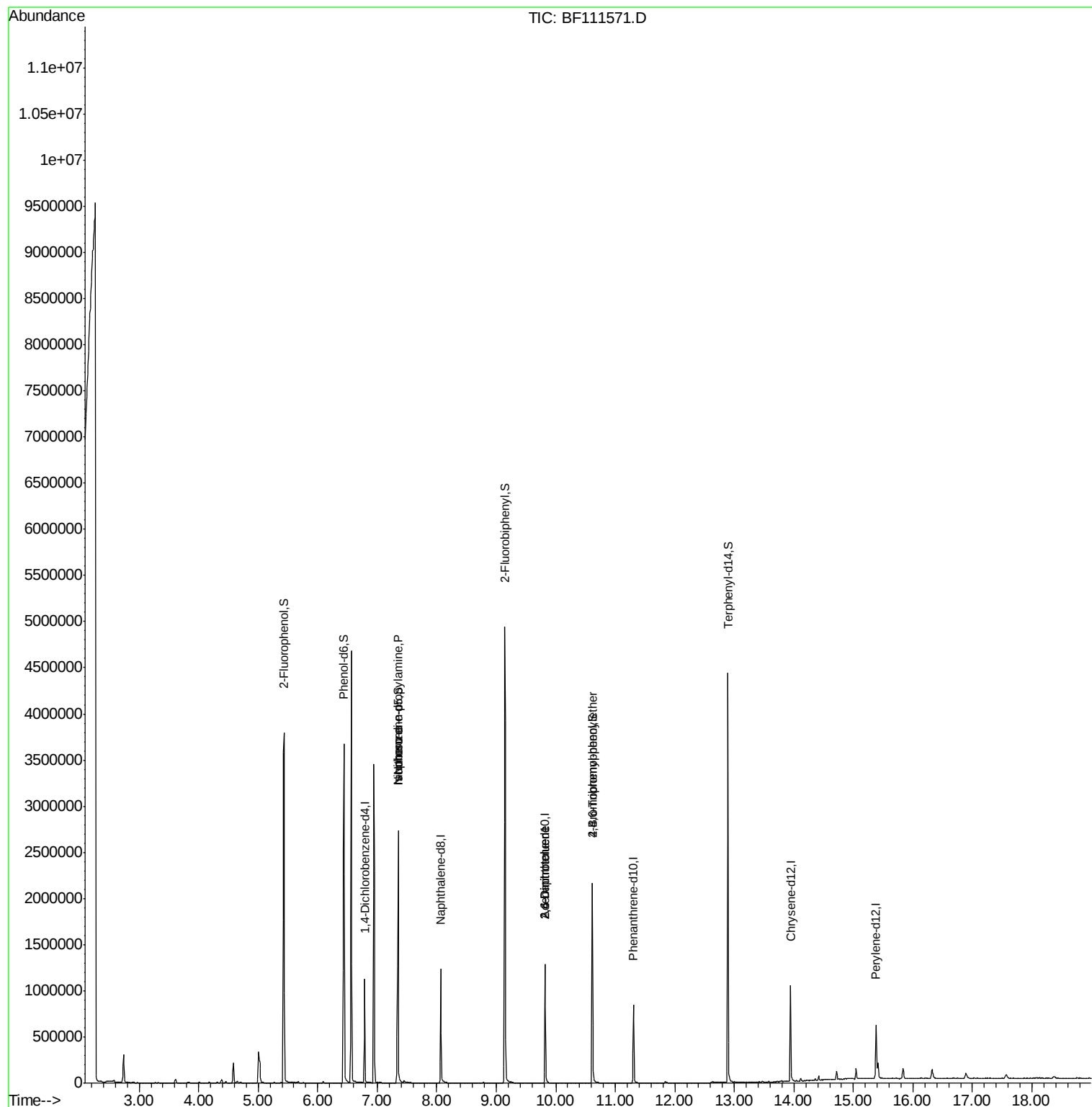
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	148409	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	585262	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	256424	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	337009	20.00	ng	-0.01
76) Chrysene-d12	13.94	240	392664	20.00	ng	0.00
87) Perylene-d12	15.38	264	297853	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1100171	123.36	ng	0.02
7) Phenol-d6	6.44	99	1277135	107.66	ng	0.00
23) Nitrobenzene-d5	7.35	82	926288	94.25	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	274765	119.62	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1706408	102.79	ng	-0.01
79) Terphenyl-d14	12.89	244	1574146	94.14	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	119554	15.275	ng	# 78
25) Isophorone	7.35	82	926281	55.700	ng	# 64
51) 2,6-Dinitrotoluene	9.82	165	32431	7.802	ng	# 29
57) 2,4-Dinitrotoluene	9.82	165	32431	5.944	ng	# 24
67) 4-Bromophenyl-phenylether	10.62	248	17224	4.742	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: BF111571.D

Acq: 18 Dec 2018 6:59

Instrument :

BNA_F

ClientSampleId :

TP-7-B

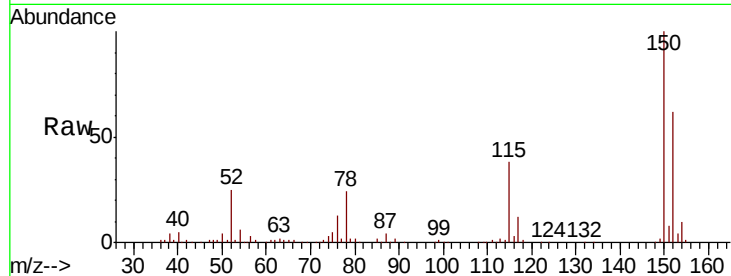
Tgt Ion:152 Resp: 148409

Ion Ratio Lower Upper

152 100

150 162.4 126.6 189.8

115 62.4 50.7 76.1

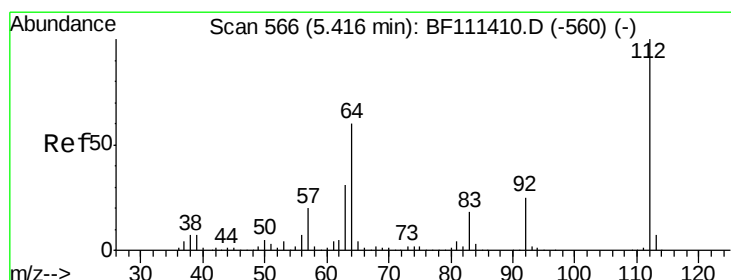
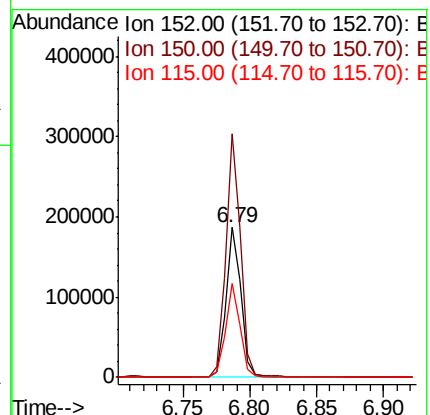
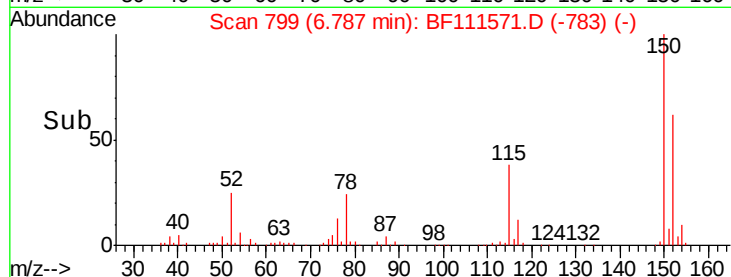


Abundance

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: 123.358 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.02 min

Lab File: BF111571.D

Acq: 18 Dec 2018 6:59

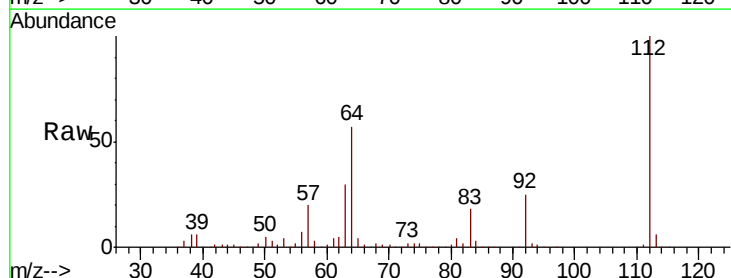
Tgt Ion:112 Resp: 1100171

Ion Ratio Lower Upper

112 100

64 57.5 51.8 77.6

63 30.3 26.8 40.2

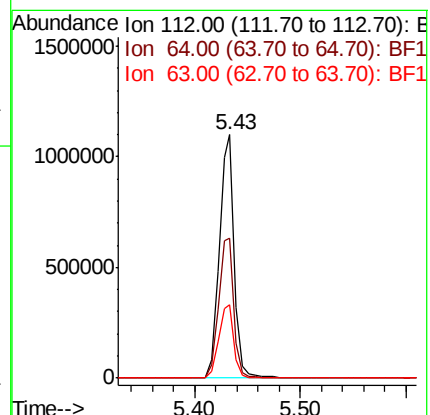
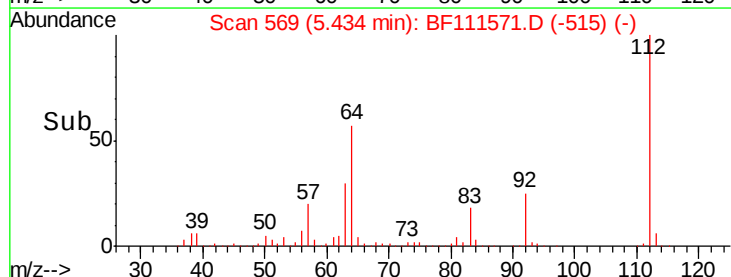


Abundance

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: 107.656 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111571.D

Acq: 18 Dec 2018 6:59

Instrument :

BNA_F

ClientSampleId :

TP-7-B

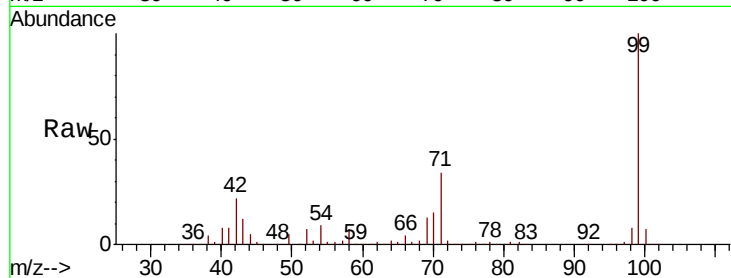
Tgt Ion: 99 Resp: 1277135

Ion Ratio Lower Upper

99 100

42 21.8 17.4 26.0

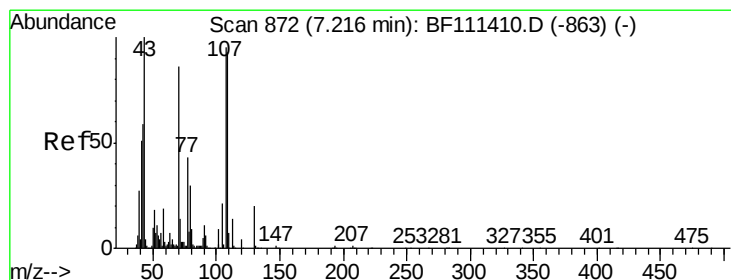
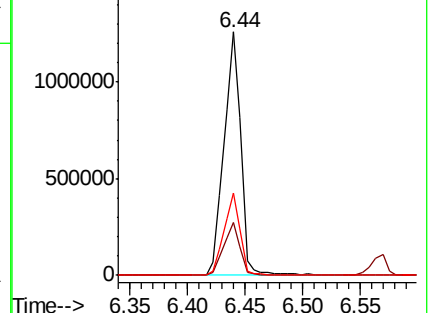
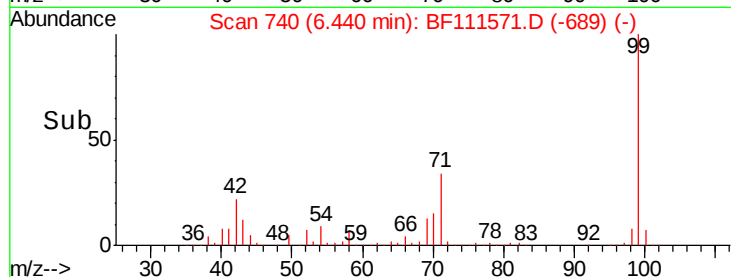
71 33.9 26.1 39.1



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: 15.275 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.14 min

Lab File: BF111571.D

Acq: 18 Dec 2018 6:59

Tgt Ion: 70 Resp: 119554

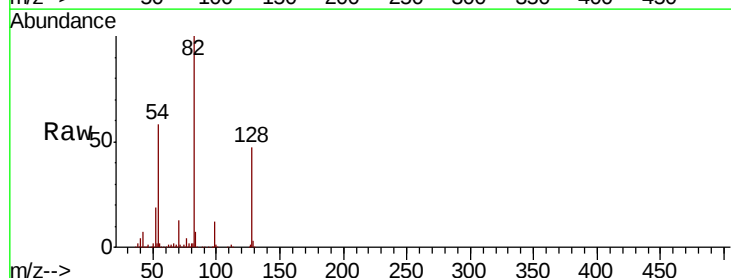
Ion Ratio Lower Upper

70 100

42 55.2 53.2 79.8

101 0.0 8.2 12.4#

130 2.1 18.1 27.1#

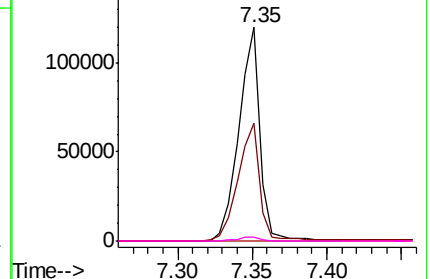
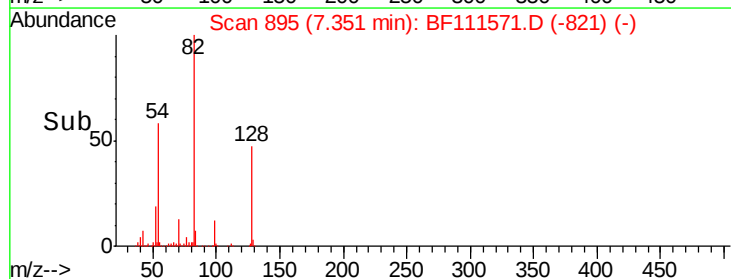


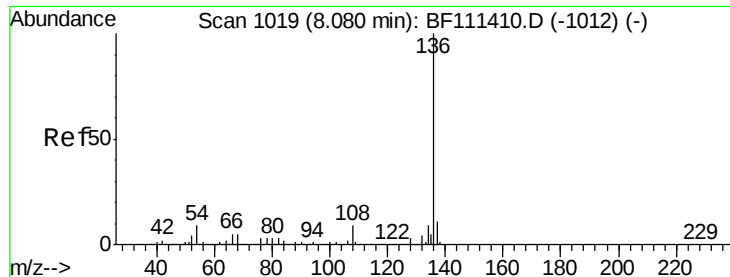
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

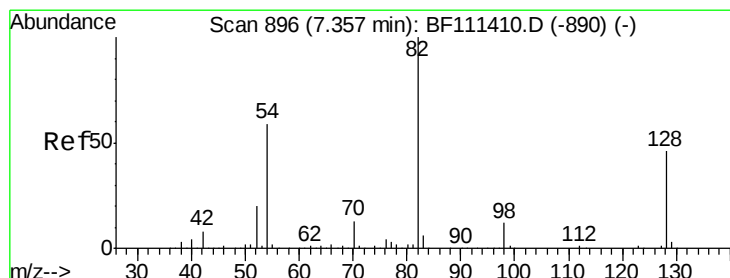
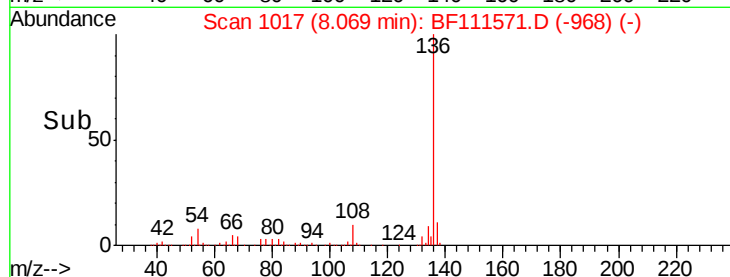
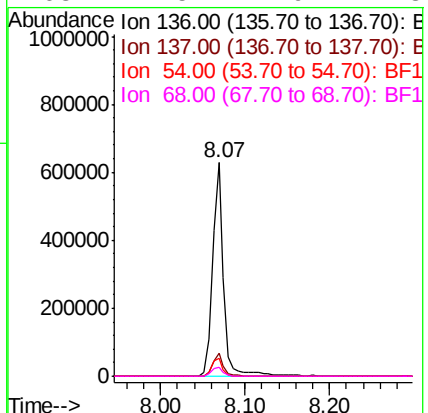
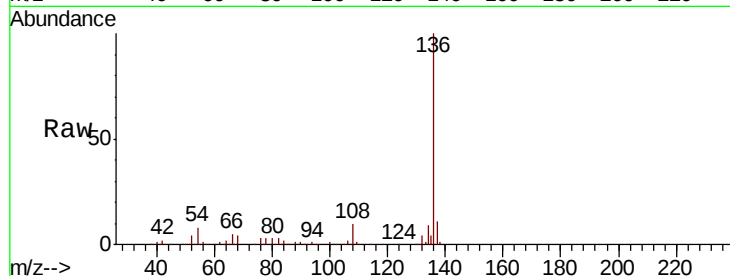




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF111571.D
Acq: 18 Dec 2018 6:59

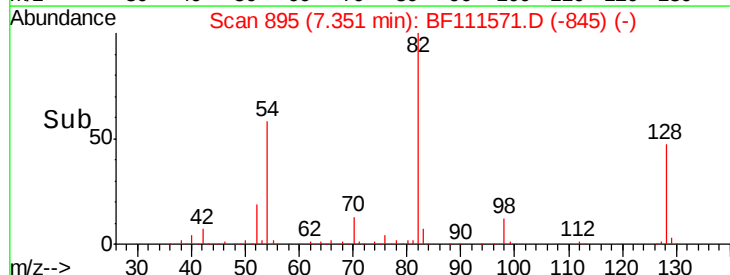
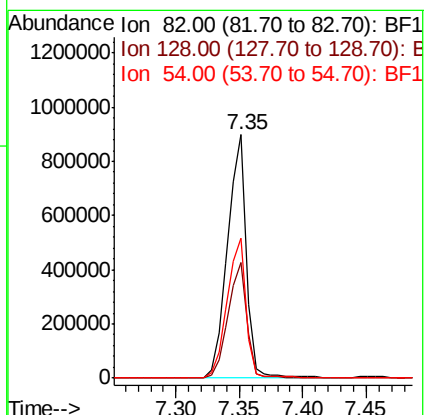
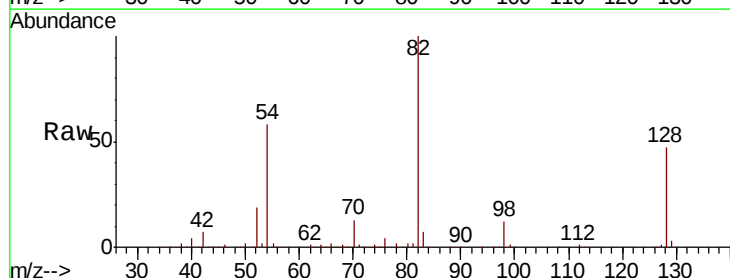
Instrument :
BNA_F
ClientSampleId :
TP-7-B

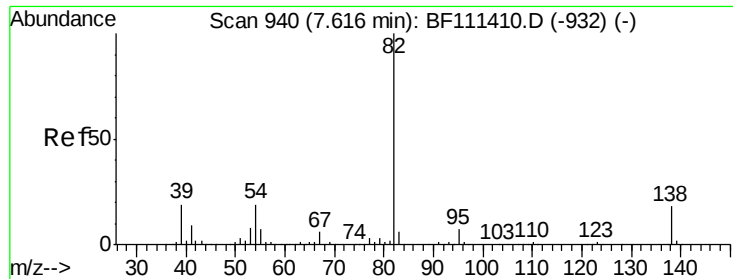
Tgt Ion:	136	Resp:	585262
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.1	13.7
54	8.3	7.7	11.5
68	4.5	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 94.247 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111571.D
Acq: 18 Dec 2018 6:59

Tgt Ion:	82	Resp:	926288
Ion Ratio	Lower	Upper	
82	100		
128	47.3	37.4	56.2
54	57.7	47.6	71.4

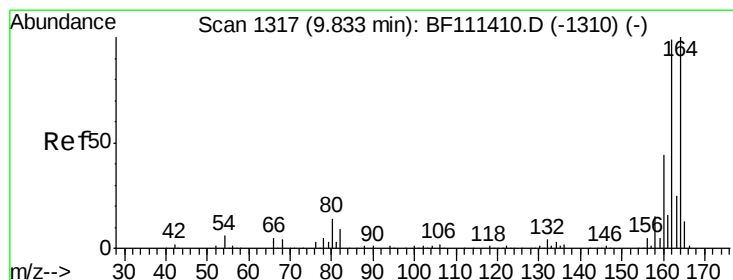
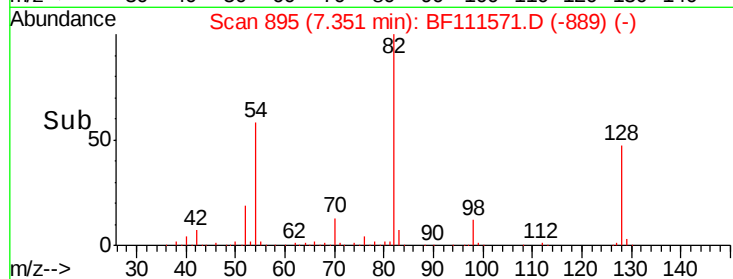
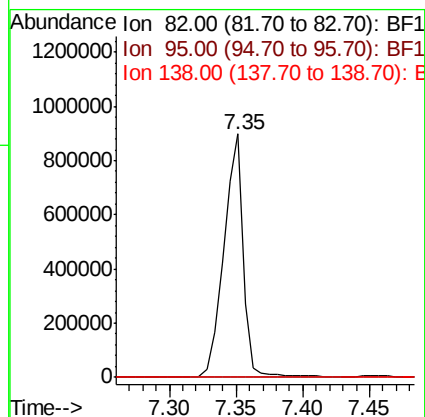
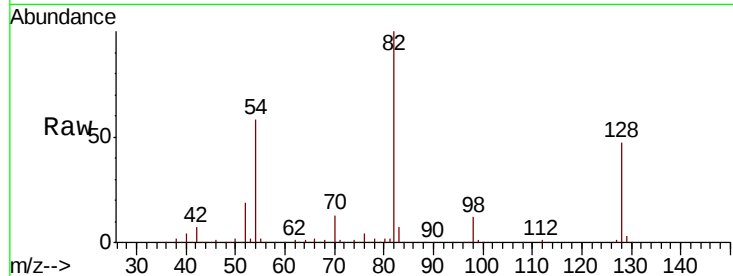




#25
Isophorone
Concen: 55.700 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.26 min
Lab File: BF111571.D
Acq: 18 Dec 2018 6:59

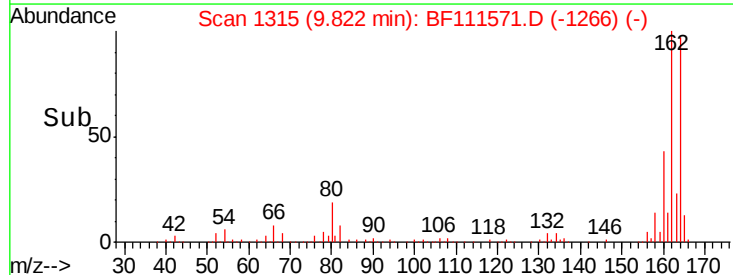
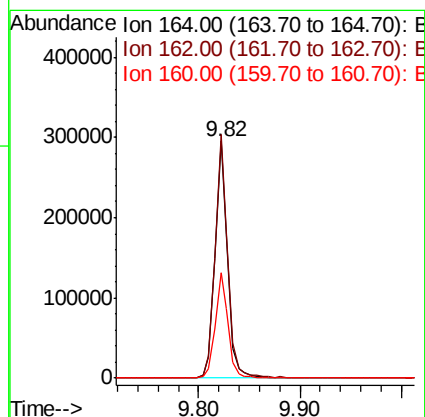
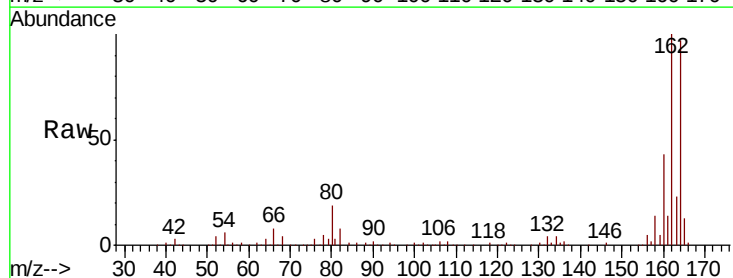
Instrument :
BNA_F
ClientSampleID :
TP-7-B

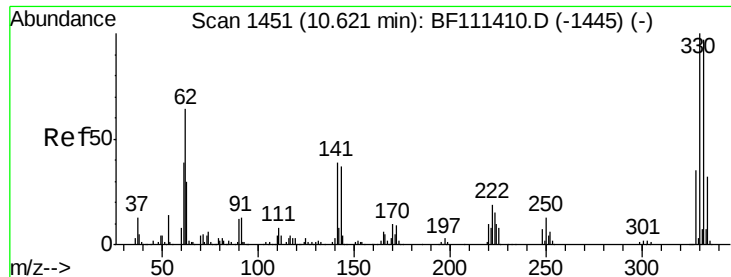
Tgt Ion: 82 Resp: 926281
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 15.1 22.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF111571.D
Acq: 18 Dec 2018 6:59

Tgt Ion: 164 Resp: 256424
Ion Ratio Lower Upper
164 100
162 102.8 81.4 122.0
160 44.5 35.7 53.5

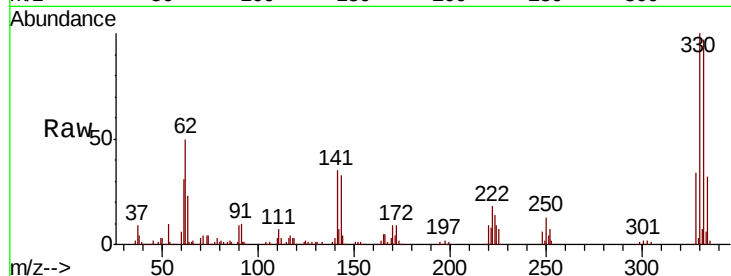




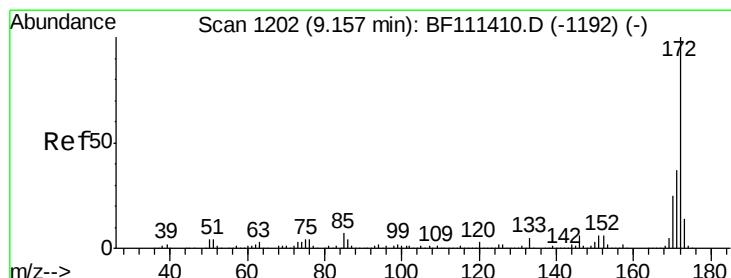
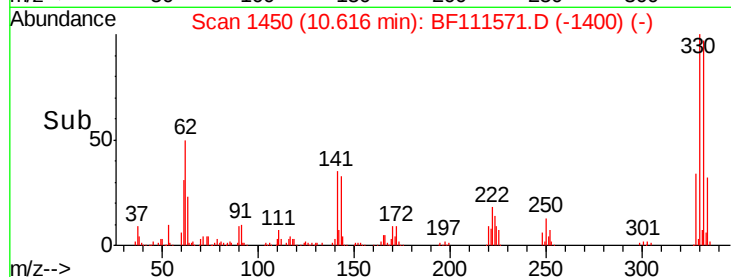
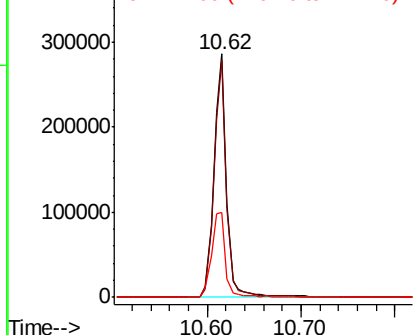
#42
 2,4,6-Tribromophenol
 Concen: 119.618 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111571.D
 Acq: 18 Dec 2018 6:59

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-B

Tgt Ion:330 Resp: 274765
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.0 114.0
 141 38.7 31.0 46.6

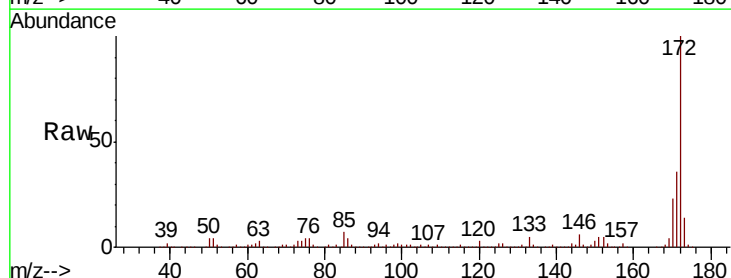


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

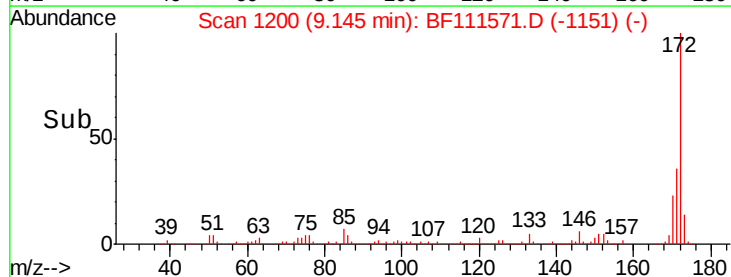
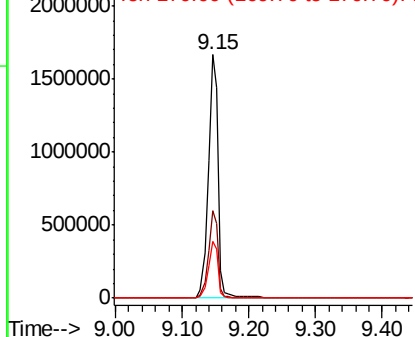


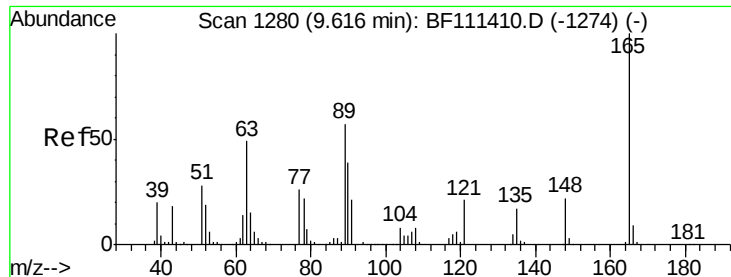
#45
 2-Fluorobiphenyl
 Concen: 102.790 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF111571.D
 Acq: 18 Dec 2018 6:59

Tgt Ion:172 Resp: 1706408
 Ion Ratio Lower Upper
 172 100
 171 36.1 33.0 49.4
 170 23.5 22.3 33.5



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

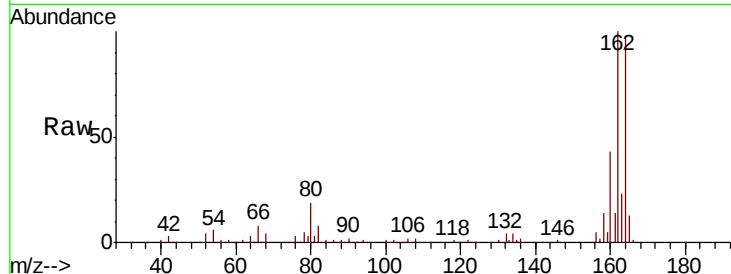




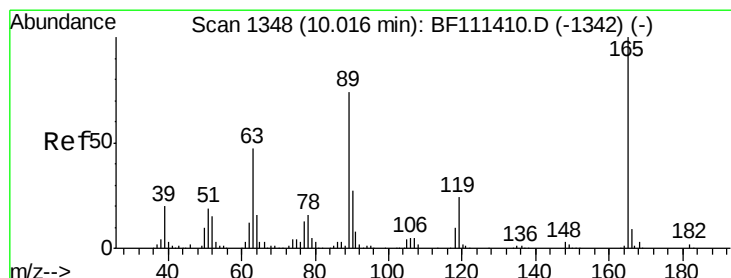
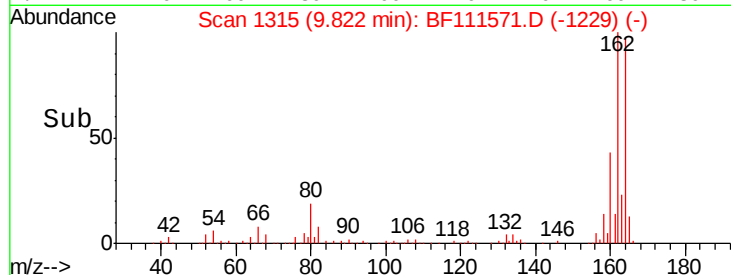
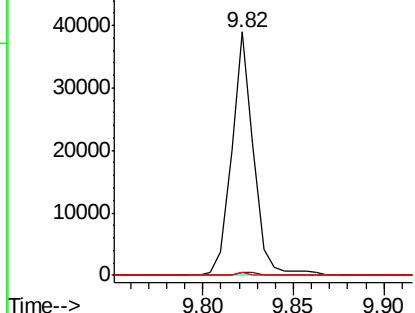
#51
 2,6-Dinitrotoluene
 Concen: 7.802 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.21 min
 Lab File: BF111571.D
 Acq: 18 Dec 2018 6:59

Instrument :
 BNA_F
 ClientSampleID :
 TP-7-B

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.5	60.7#
89	1.1	40.0	60.0#



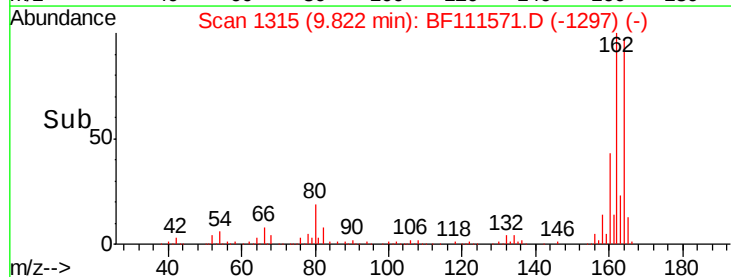
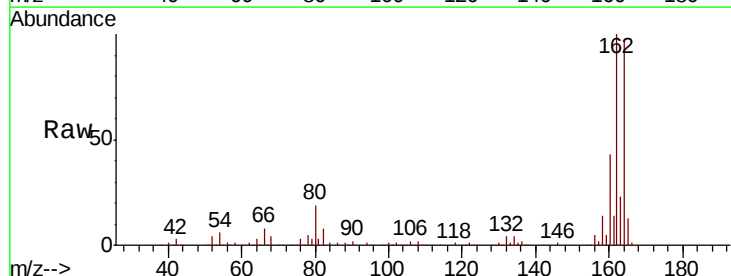
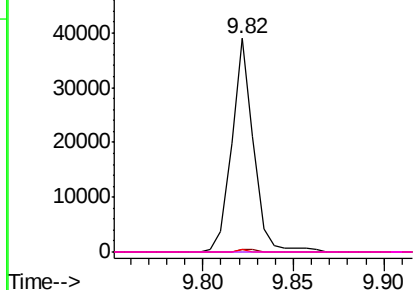
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

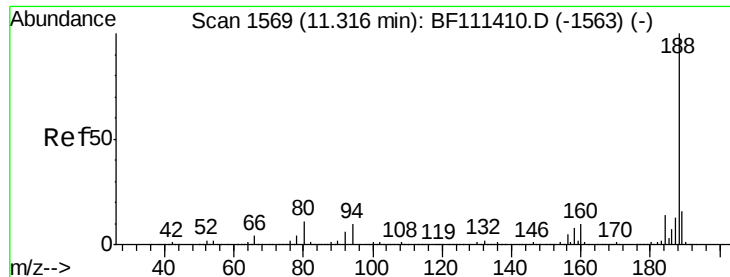


#57
 2,4-Dinitrotoluene
 Concen: 5.944 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.19 min
 Lab File: BF111571.D
 Acq: 18 Dec 2018 6:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.6	52.0#
89	1.1	56.2	84.4#
182	0.0	1.8	2.6#

Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

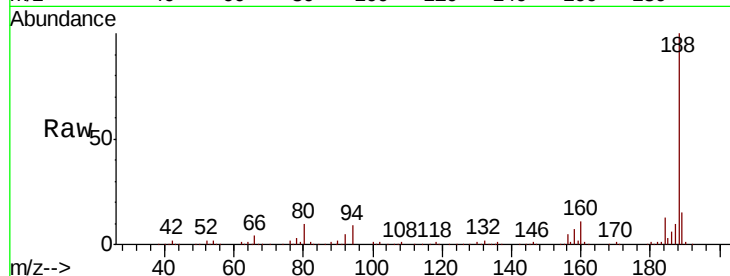




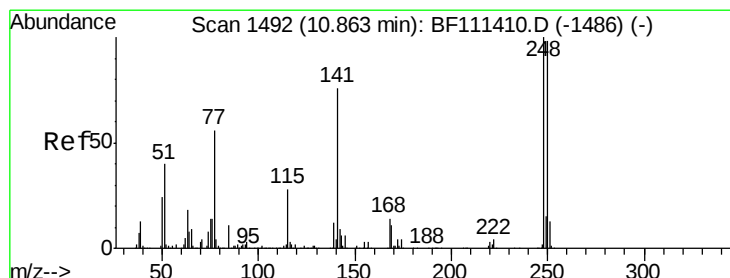
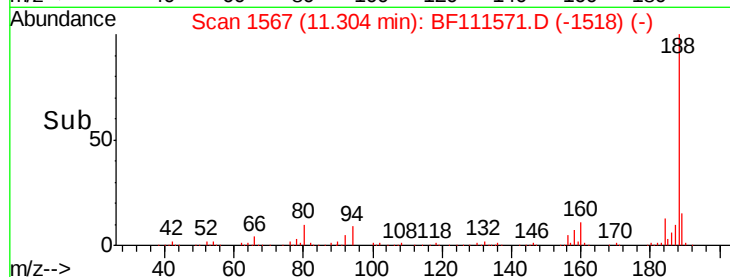
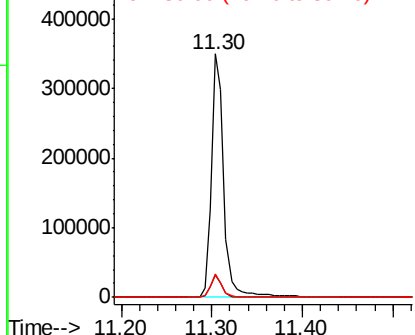
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF111571.D
Acq: 18 Dec 2018 6:59

Instrument :
BNA_F
ClientSampleId :
TP-7-B

Tgt Ion:188 Resp: 337009
Ion Ratio Lower Upper
188 100
94 9.1 9.6 14.4#
80 9.5 9.8 14.6#

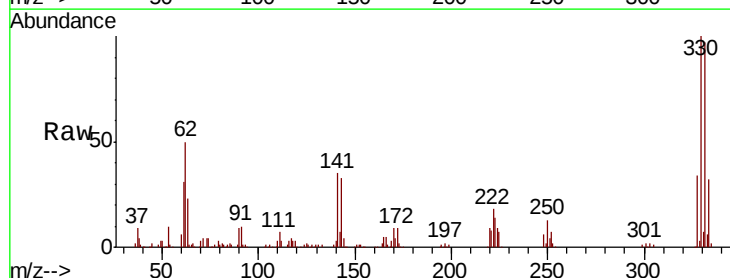


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

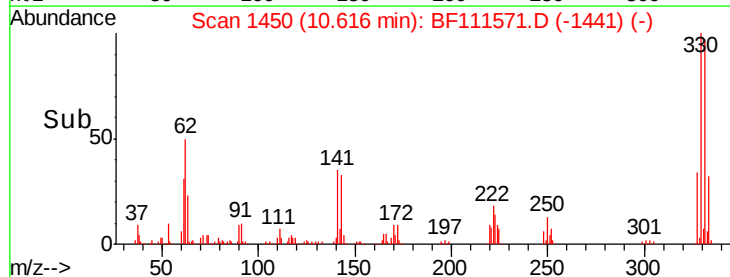
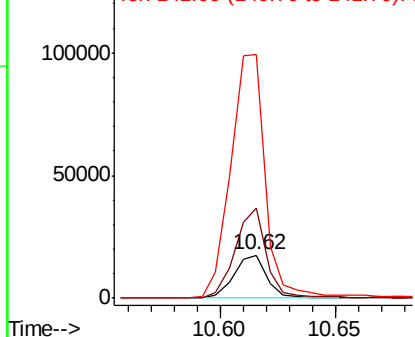


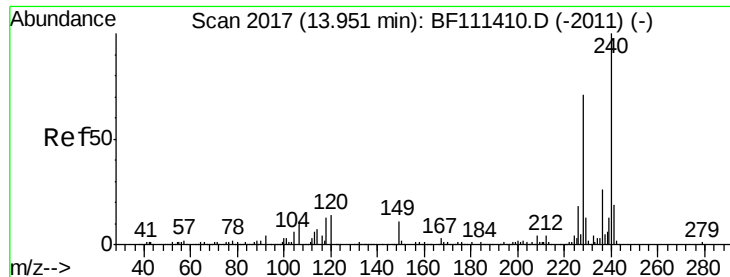
#67
4-Bromophenyl-phenylether
Concen: 4.742 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF111571.D
Acq: 18 Dec 2018 6:59

Tgt Ion:248 Resp: 17224
Ion Ratio Lower Upper
248 100
250 208.7 77.0 115.4#
141 567.4 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

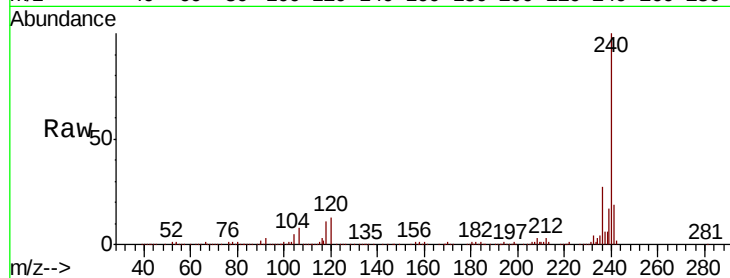




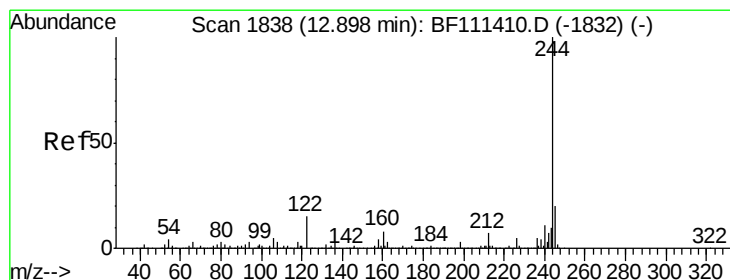
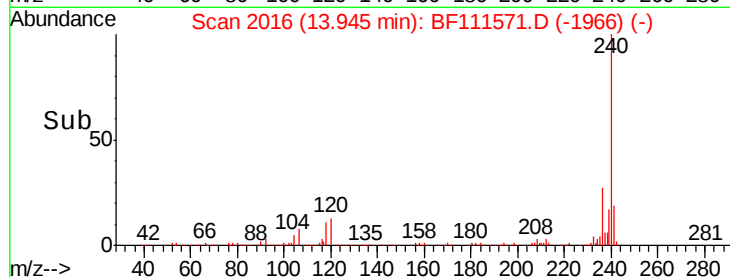
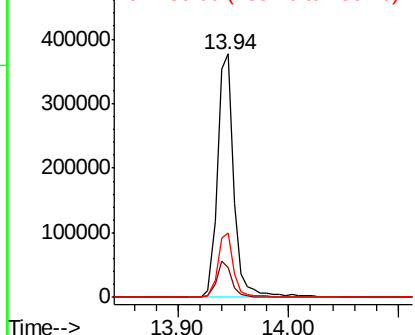
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111571.D
Acq: 18 Dec 2018 6:59

Instrument :
BNA_F
ClientSampled :
TP-7-B

Tgt Ion:240 Resp: 392664
Ion Ratio Lower Upper
240 100
120 12.5 12.2 18.2
236 26.7 20.2 30.2

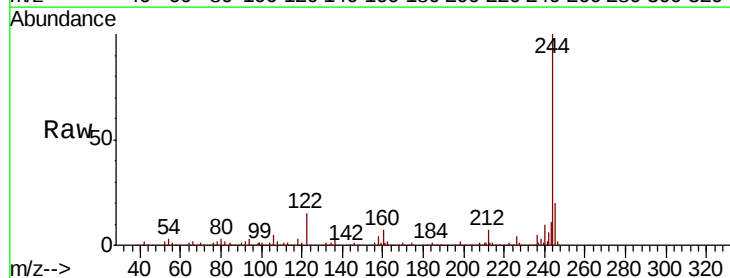


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

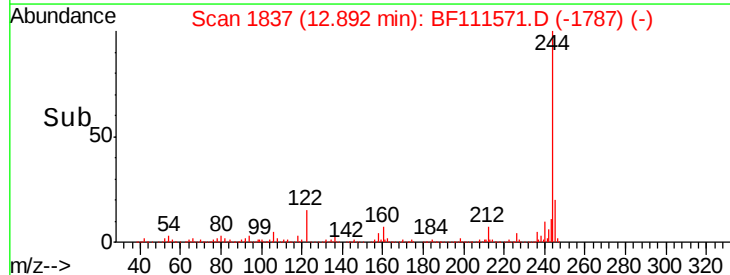
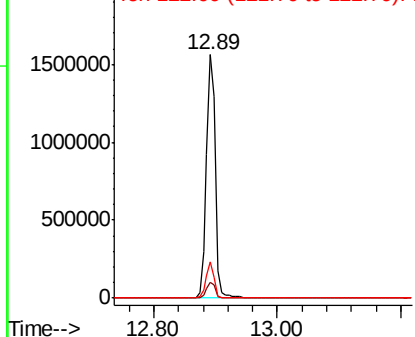


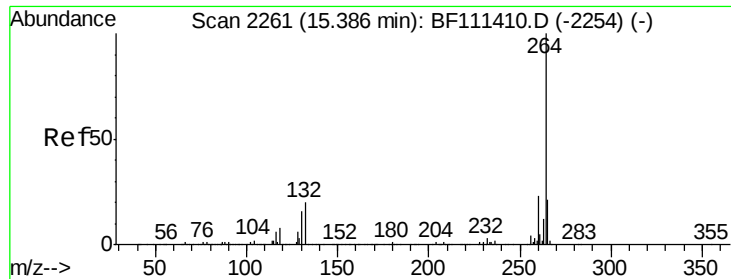
#79
Terphenyl-d14
Concen: 94.138 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF111571.D
Acq: 18 Dec 2018 6:59

Tgt Ion:244 Resp: 1574146
Ion Ratio Lower Upper
244 100
212 6.5 5.7 8.5
122 14.7 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: BF111571.D
Acq: 18 Dec 2018 6:59

Instrument :
BNA_F
ClientSampleId :
TP-7-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.3	27.5
265	20.8	17.7	26.5

