

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121018\
 Data File : BF111260.D
 Acq On : 10 Dec 2018 23:31
 Operator : JU/SJ
 Sample : J6302-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K-120718-RO

Quant Time: Dec 11 04:01:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

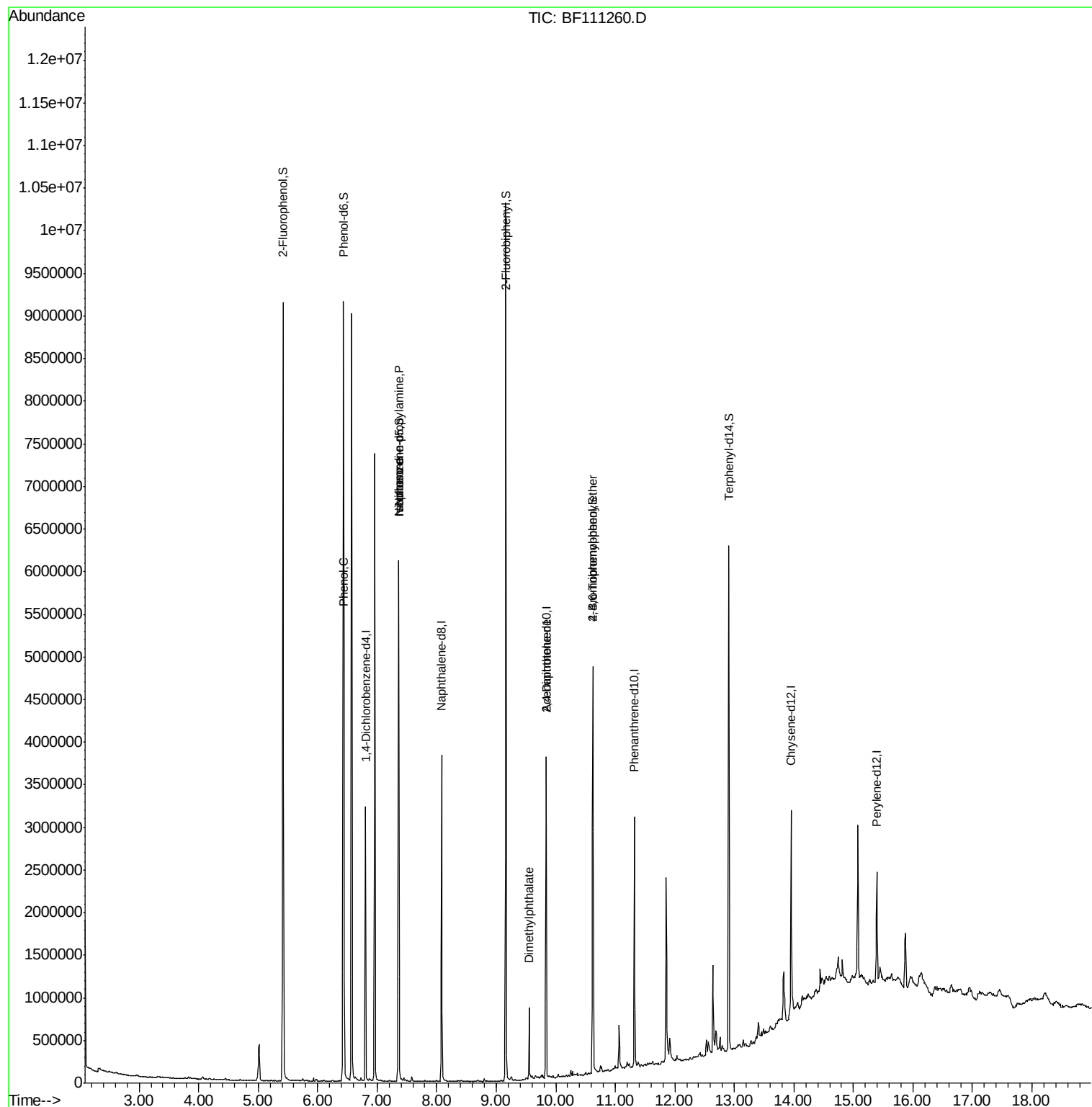
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	472619	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1773081	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	709626	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1008568	20.00	ng	0.00
76) Chrysene-d12	13.96	240	752330	20.00	ng	0.00
87) Perylene-d12	15.40	264	590579	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	2588301	86.48	ng	0.01
7) Phenol-d6	6.43	99	3275299	88.06	ng	0.00
23) Nitrobenzene-d5	7.36	82	2009764	63.58	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	492972	78.42	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2986463	69.06	ng	0.00
79) Terphenyl-d14	12.91	244	2007380	64.00	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	7435	Below Cal		Qvalue
10) Phenol	6.45	94	189073	4.347 ng	#	1
19) n-Nitroso-di-n-propylamine	7.36	70	265885	10.671 ng	#	88
25) Isophorone	7.36	82	1971521	36.617 ng	#	77
46) 1,1'-Biphenyl	9.26	154	7331	Below Cal		64
50) Dimethylphthalate	9.55	163	288683	5.513 ng		90
57) 2,4-Dinitrotoluene	9.84	165	91869	6.445 ng	#	97
67) 4-Bromophenyl-phenylether	10.62	248	32619	2.953 ng	#	25
					#	1

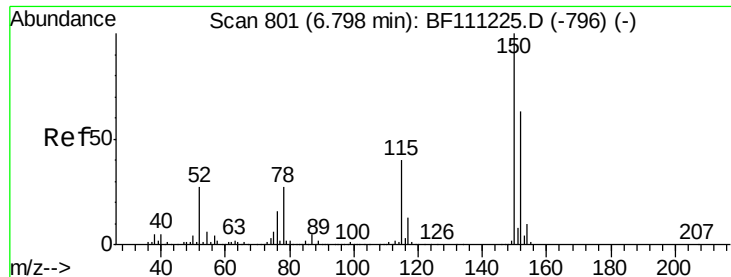
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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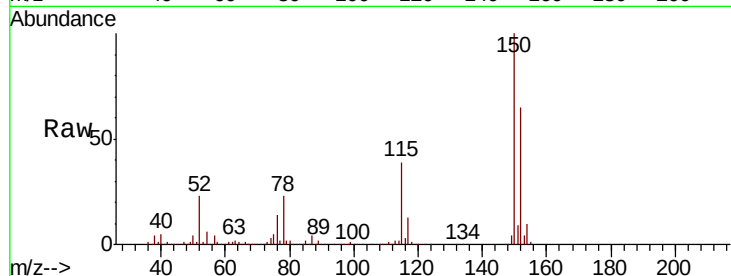


#1

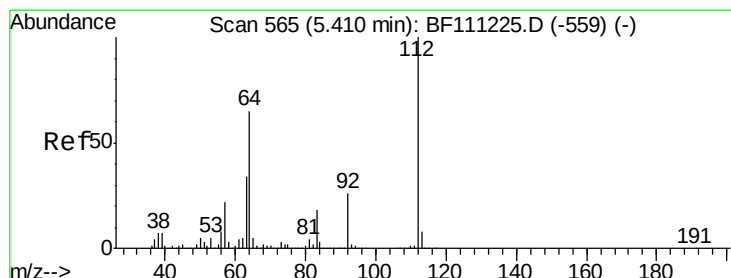
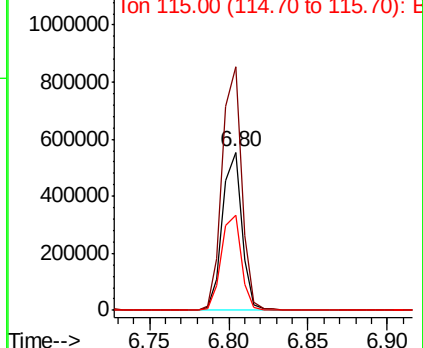
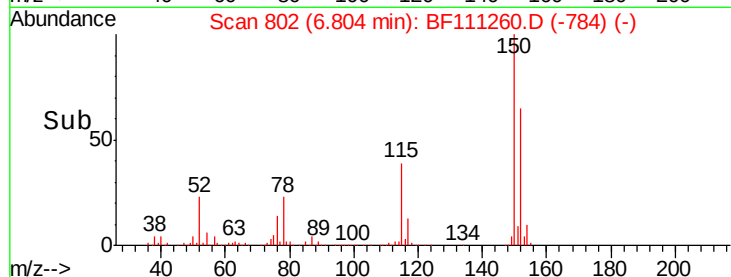
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.01 min
Lab File: BF111260.D
Acq: 10 Dec 2018 23:31

Instrument :
BNA_F
ClientSampleId :
K-120718-RO

Tgt Ion:152 Resp: 472619
Ion Ratio Lower Upper
152 100
150 153.8 126.6 189.8
115 60.1 50.7 76.1



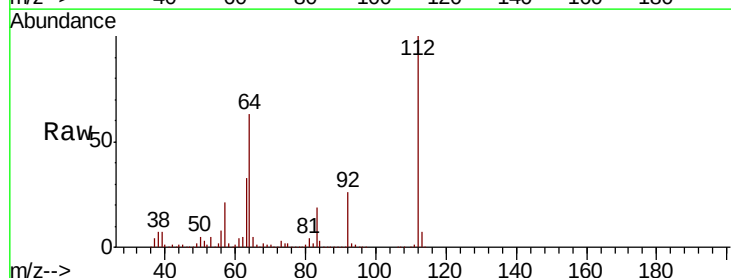
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



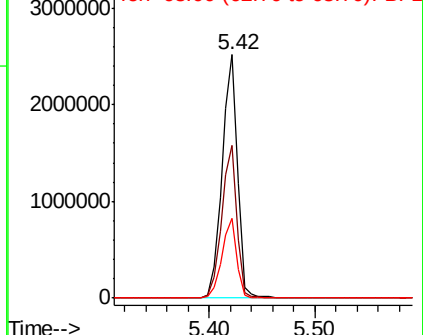
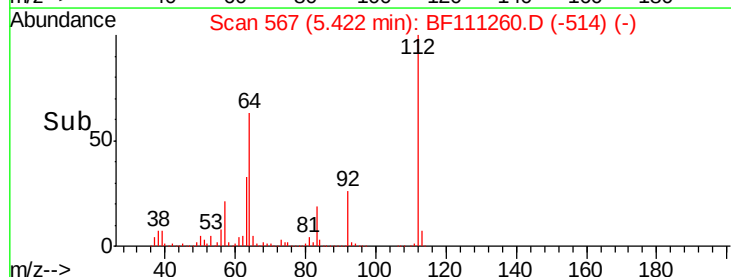
#5

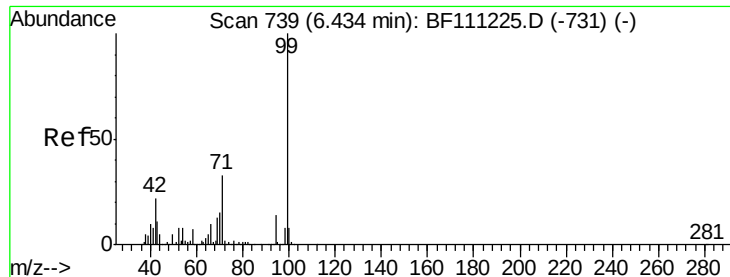
2-Fluorophenol
Concen: 86.478 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111260.D
Acq: 10 Dec 2018 23:31

Tgt Ion:112 Resp: 2588301
Ion Ratio Lower Upper
112 100
64 63.0 51.8 77.6
63 32.8 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: 88.056 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF111260.D

Acq: 10 Dec 2018 23:31

Instrument :

BNA_F

ClientSampleId :

K-120718-RO

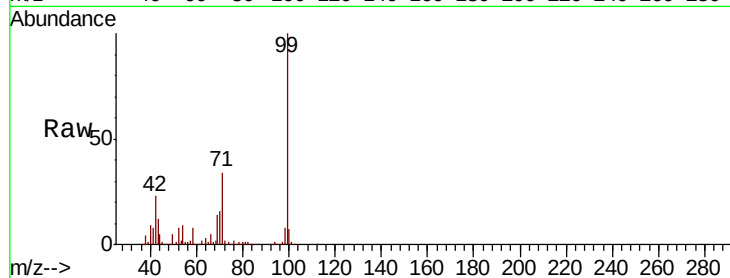
Tgt Ion: 99 Resp: 3275299

Ion Ratio Lower Upper

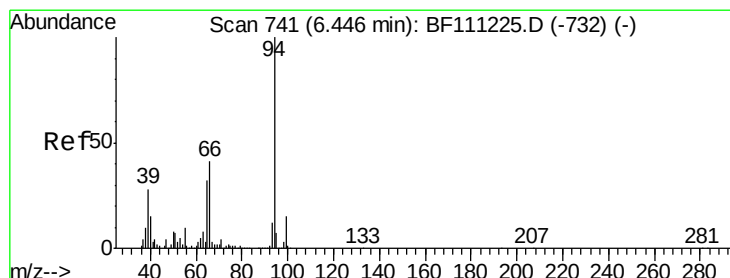
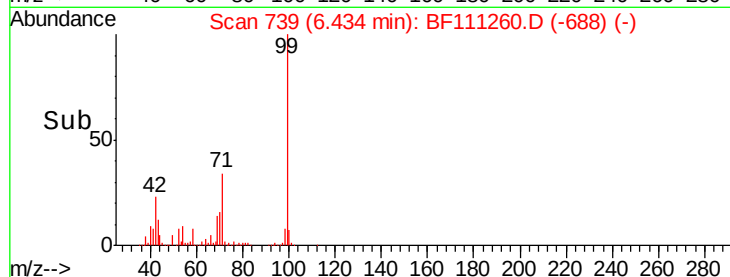
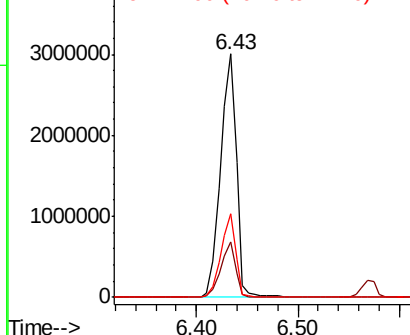
99 100

42 22.7 17.4 26.0

71 34.2 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



#10

Phenol

Concen: 4.347 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF111260.D

Acq: 10 Dec 2018 23:31

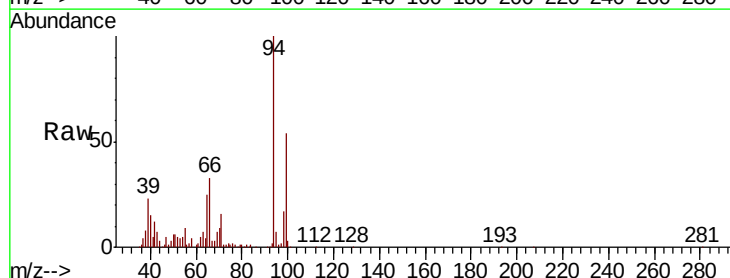
Tgt Ion: 94 Resp: 189073

Ion Ratio Lower Upper

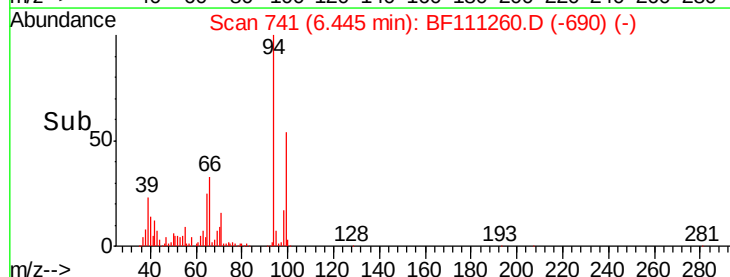
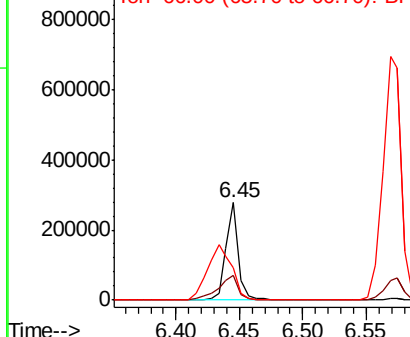
94 100

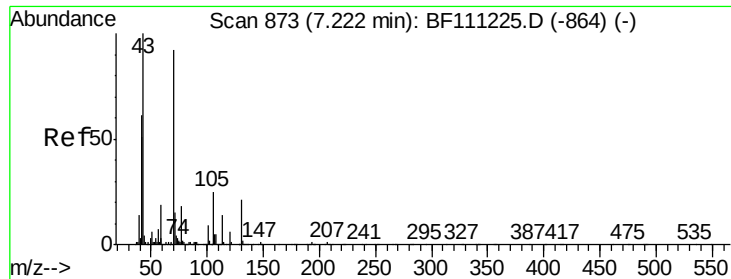
65 24.9 11.7 51.7

66 33.4 21.0 61.0



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

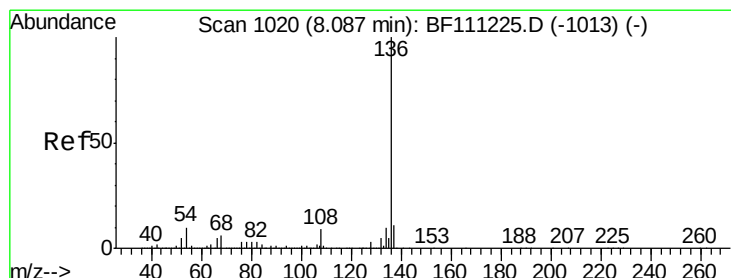
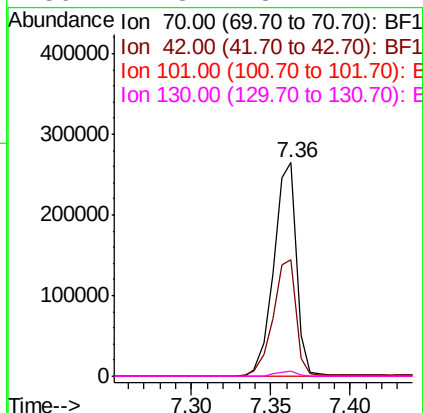
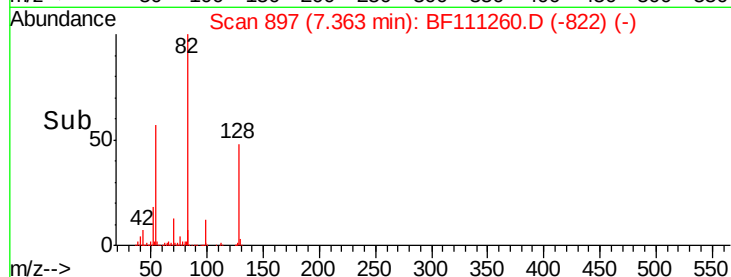
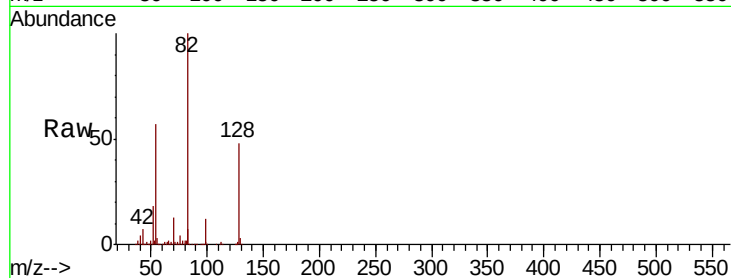




#19
n-Nitroso-di-n-propylamine
Concen: 10.671 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.14 min
Lab File: BF111260.D
Acq: 10 Dec 2018 23:31

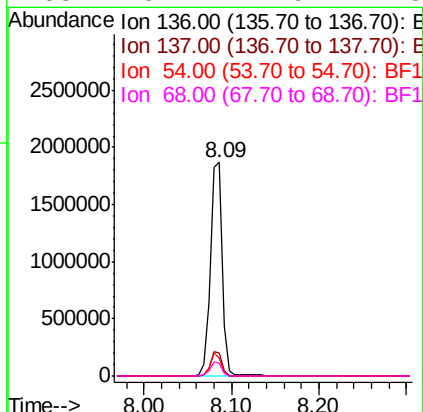
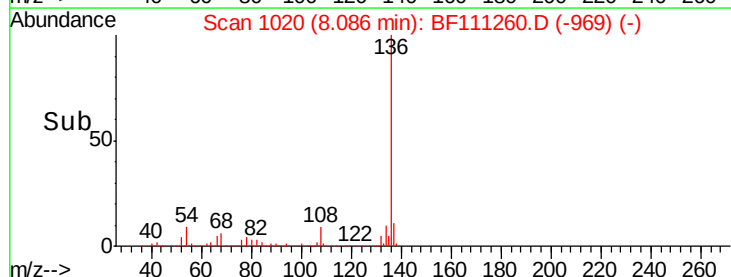
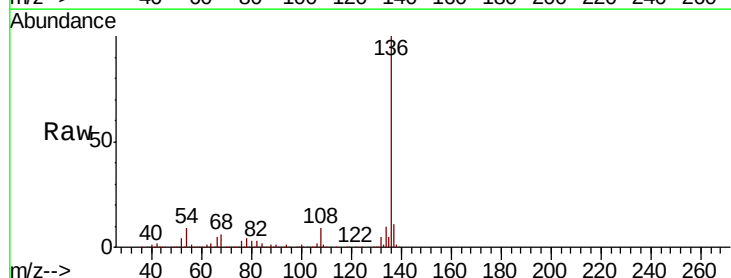
Instrument :
BNA_F
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K-120718-RO

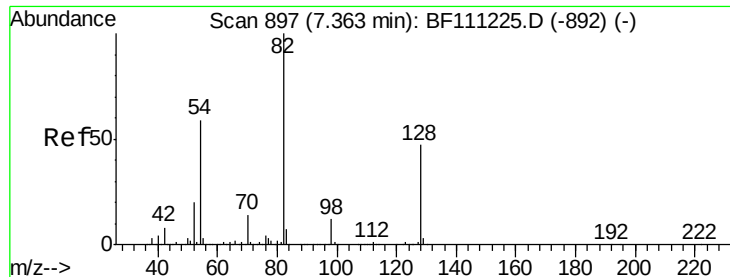
Tgt Ion: 70 Resp: 265885
Ion Ratio Lower Upper
70 100
42 54.5 53.2 79.8
101 0.0 8.2 12.4#
130 2.3 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111260.D
Acq: 10 Dec 2018 23:31

Tgt Ion: 136 Resp: 1773081
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 8.6 7.7 11.5
68 5.7 4.9 7.3

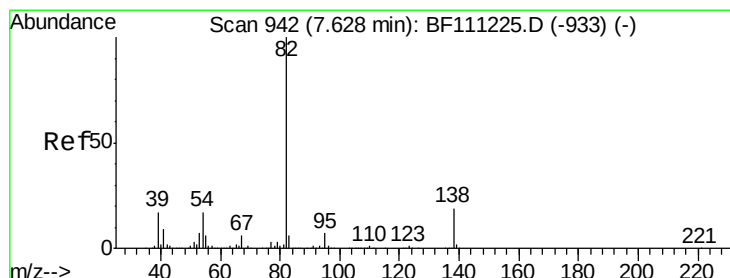
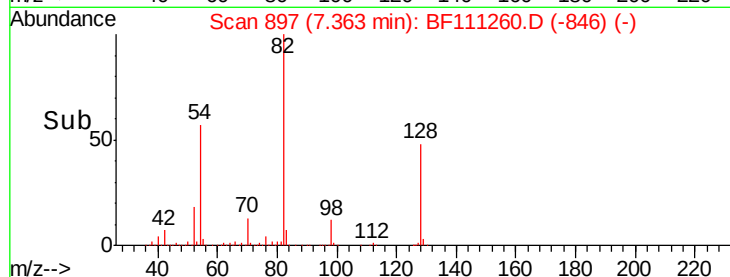
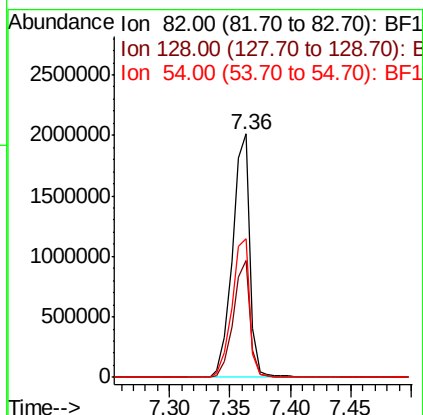
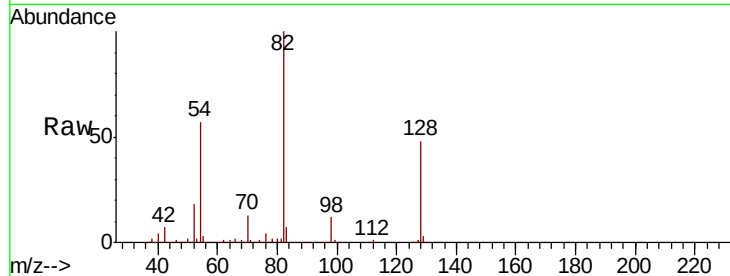




#23
Nitrobenzene-d5
Concen: 63.576 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF111260.D
Acq: 10 Dec 2018 23:31

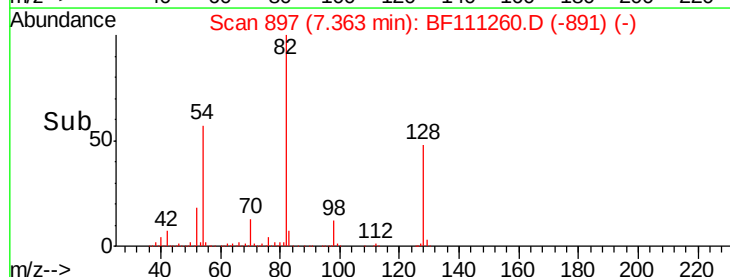
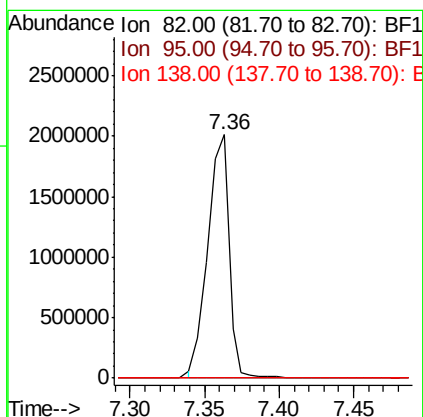
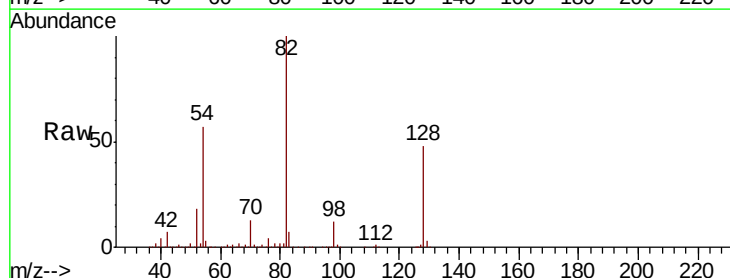
Instrument :
BNA_F
ClientSampleId :
K-120718-RO

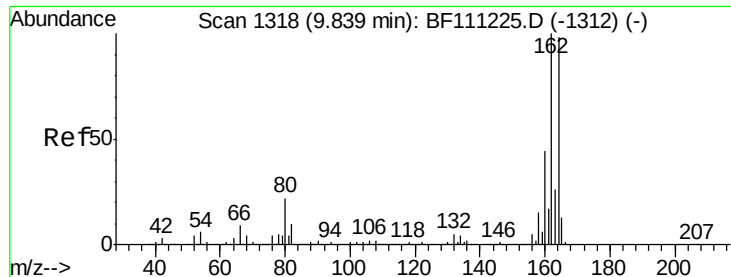
Tgt Ion: 82 Resp: 2009764
Ion Ratio Lower Upper
82 100
128 48.3 37.4 56.2
54 57.0 47.6 71.4



#25
Isophorone
Concen: 36.617 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF111260.D
Acq: 10 Dec 2018 23:31

Tgt Ion: 82 Resp: 1971521
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 15.1 22.7#

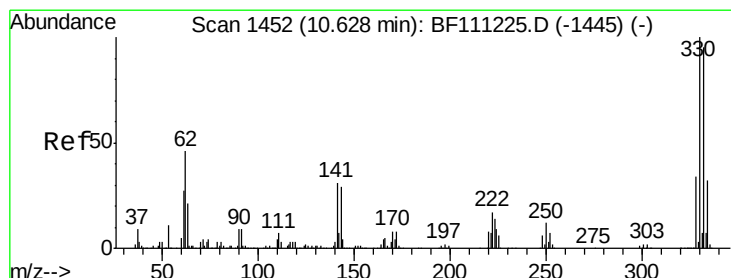
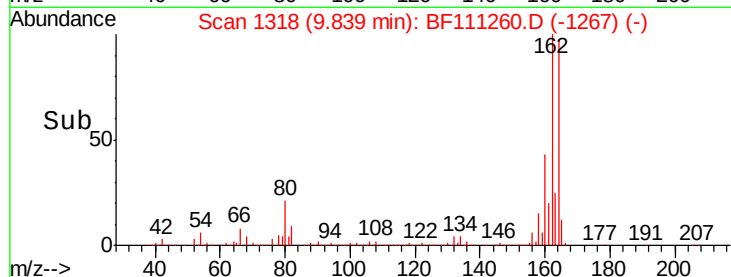
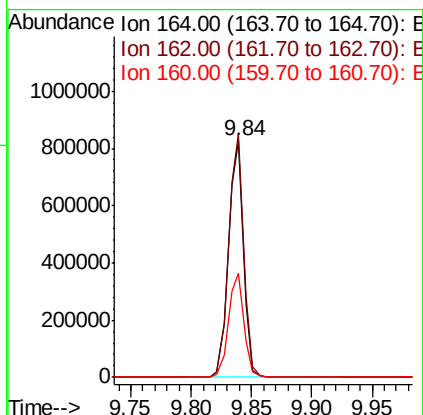
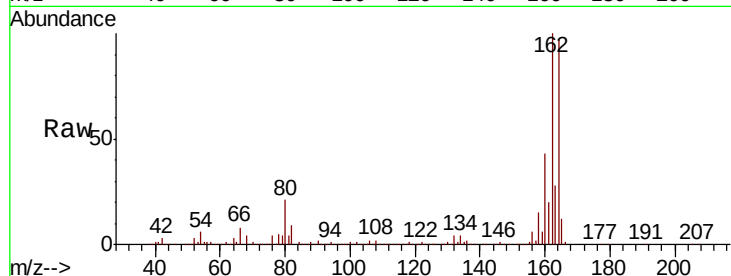




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BF111260.D
 Acq: 10 Dec 2018 23:31

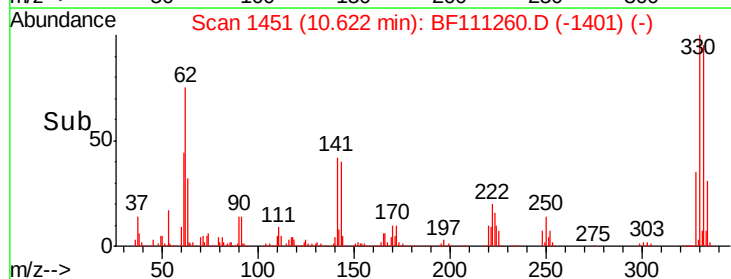
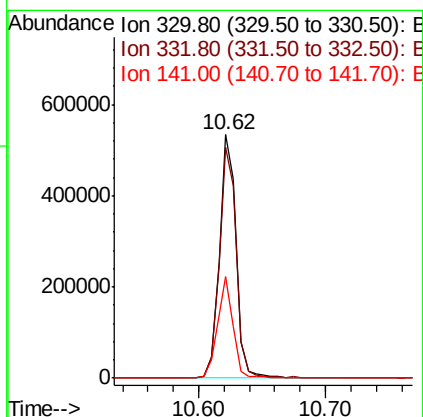
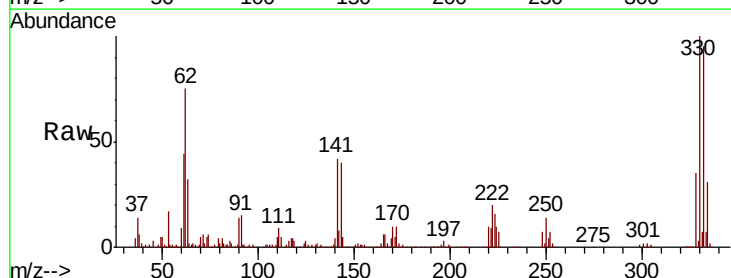
Instrument :
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 K-120718-RO

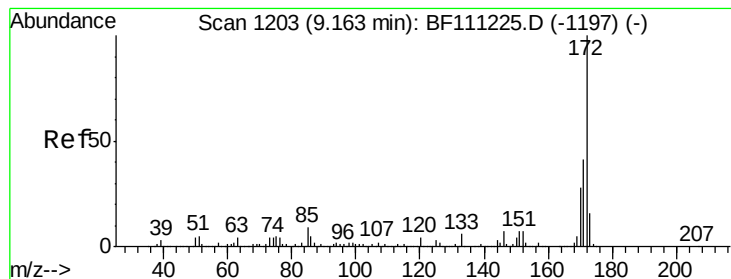
Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.4	122.0
160	44.2	35.7	53.5



#42
 2,4,6-Tribromophenol
 Concen: 78.424 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF111260.D
 Acq: 10 Dec 2018 23:31

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.0	114.0
141	39.6	31.0	46.6





#45

2-Fluorobiphenyl

Concen: 69.057 ng

RT: 9.16 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BF111260.D

Acq: 10 Dec 2018 23:31

Instrument :

BNA_F

ClientSampleId :

K-120718-RO

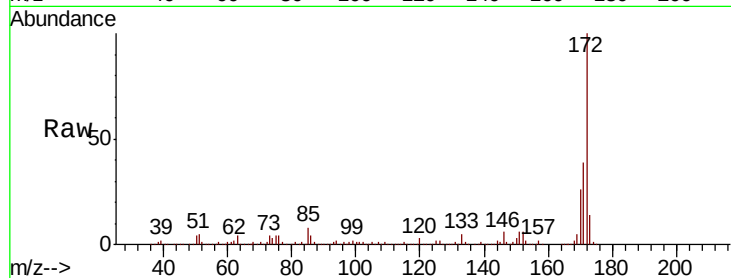
Tgt Ion:172 Resp: 2986463

Ion Ratio Lower Upper

172 100

171 38.9 33.0 49.4

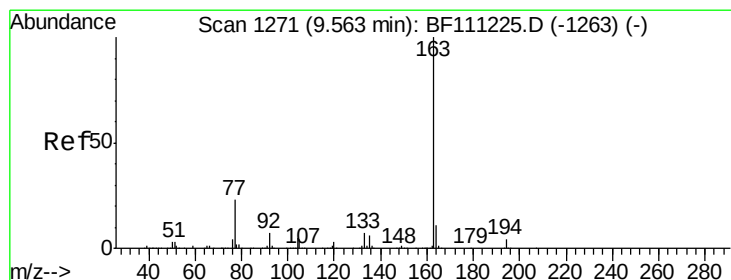
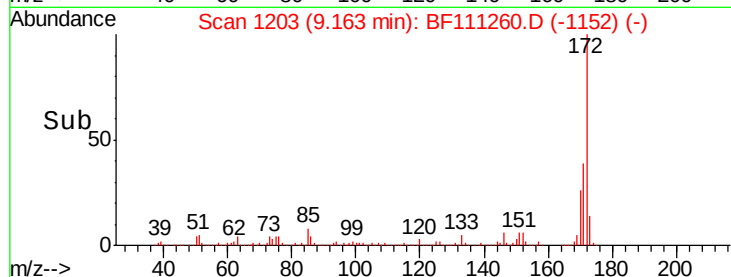
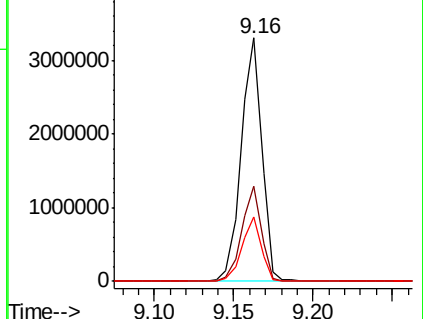
170 26.4 22.3 33.5



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



#50

Dimethylphthalate

Concen: 5.513 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF111260.D

Acq: 10 Dec 2018 23:31

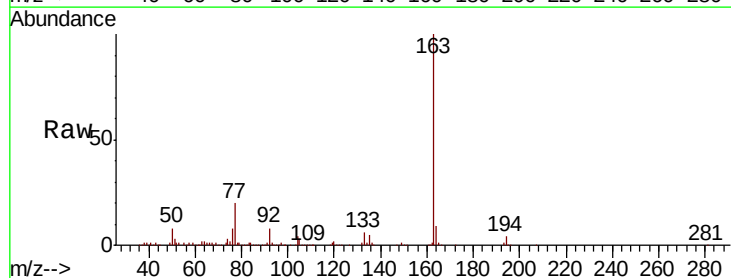
Tgt Ion:163 Resp: 288683

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.6

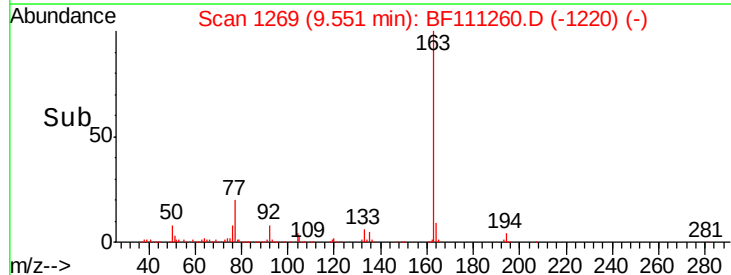
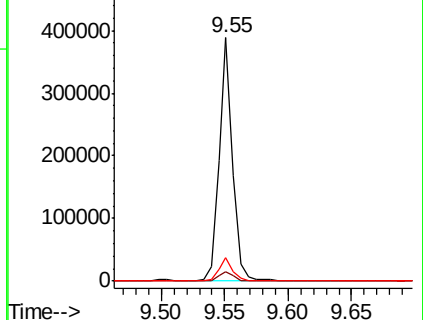
164 9.4 8.9 13.3

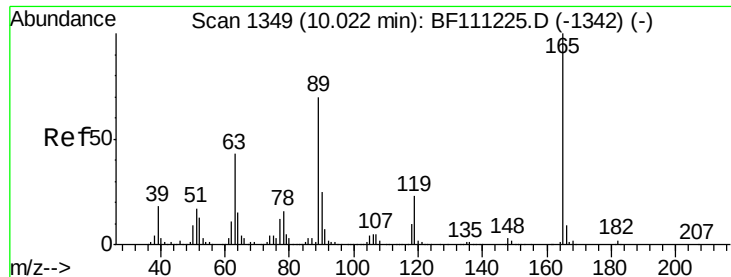


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

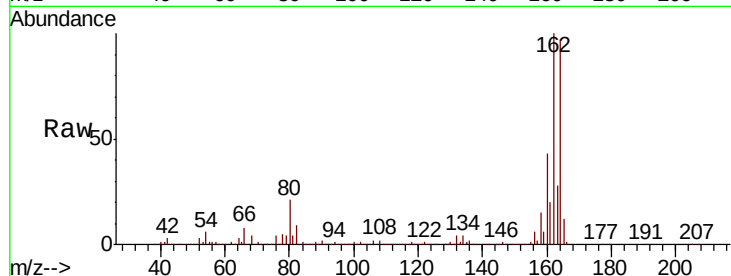




#57
2,4-Dinitrotoluene
Concen: 6.445 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.18 min
Lab File: BF111260.D
Acq: 10 Dec 2018 23:31

Instrument :
BNA_F
ClientSampleId :
K-120718-RO

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.6	52.0#
89	1.5	56.2	84.4#
182	0.0	1.8	2.6#



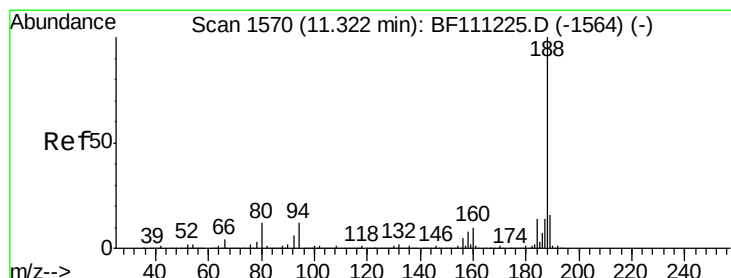
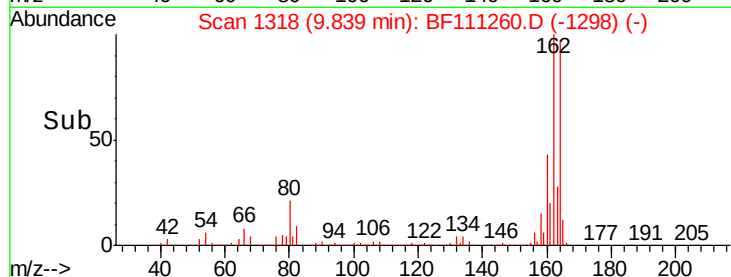
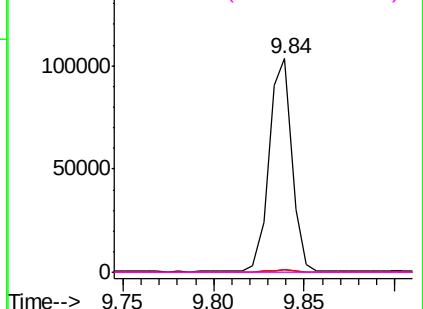
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

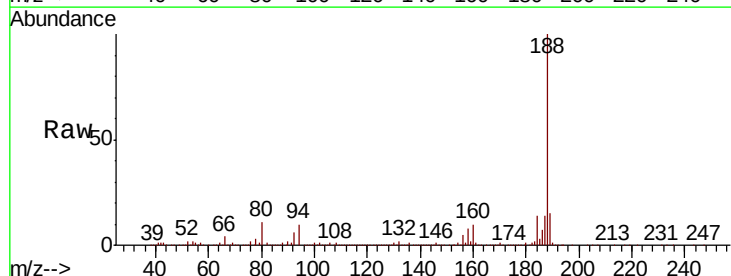
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111260.D
Acq: 10 Dec 2018 23:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.6	14.4
80	11.1	9.8	14.6

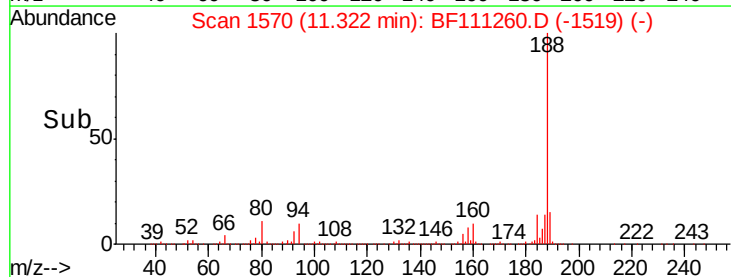
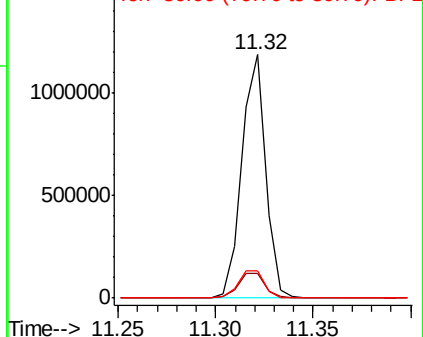


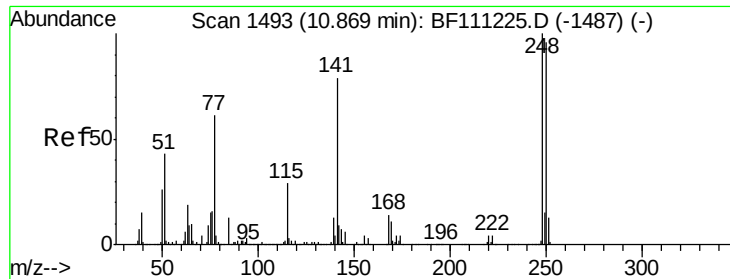
Abundance

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

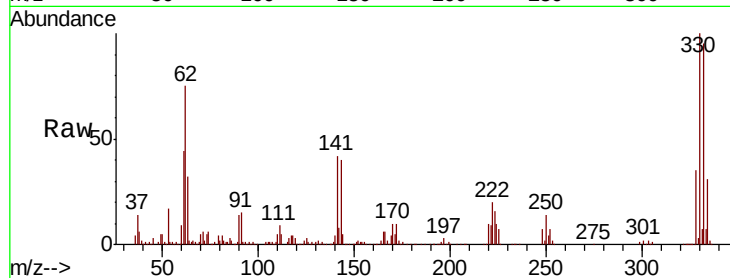




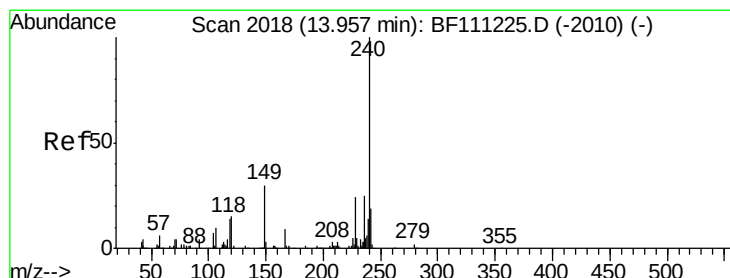
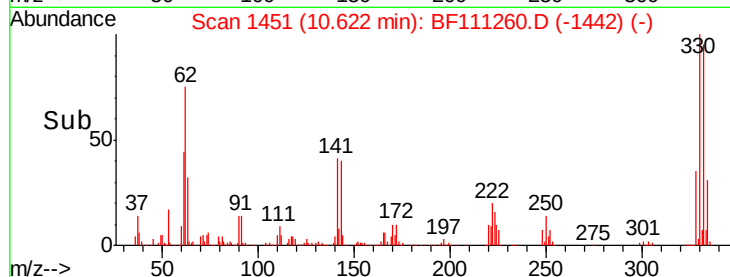
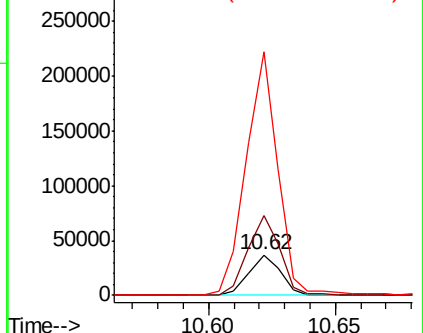
#67
 4-Bromophenyl-phenylether
 Concen: 2.953 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.25 min
 Lab File: BF111260.D
 Acq: 10 Dec 2018 23:31

Instrument :
 BNA_F
 ClientSampleId :
 K-120718-RO

Tgt Ion:248 Resp: 32619
 Ion Ratio Lower Upper
 248 100
 250 200.0 77.0 115.4#
 141 606.0 63.0 94.6#

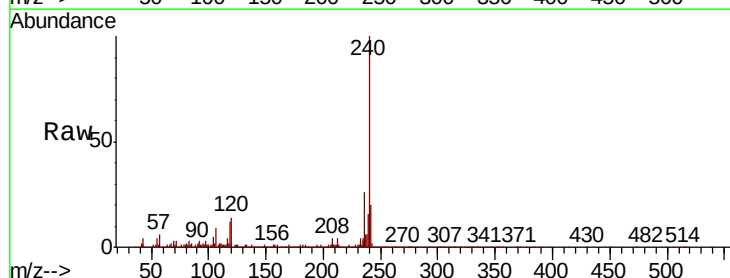


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

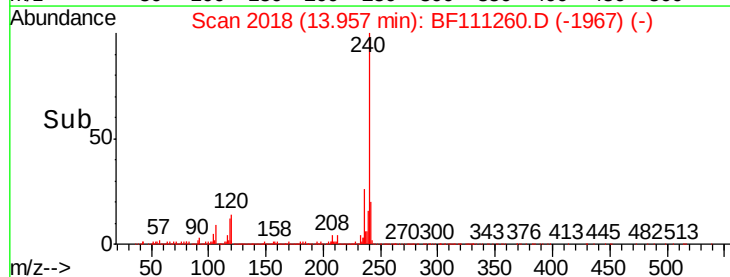
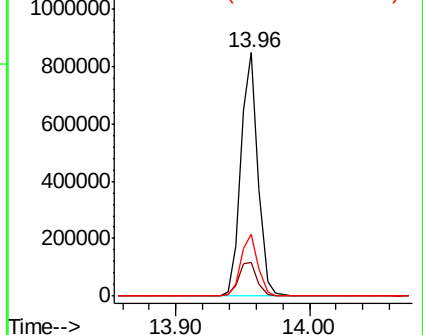


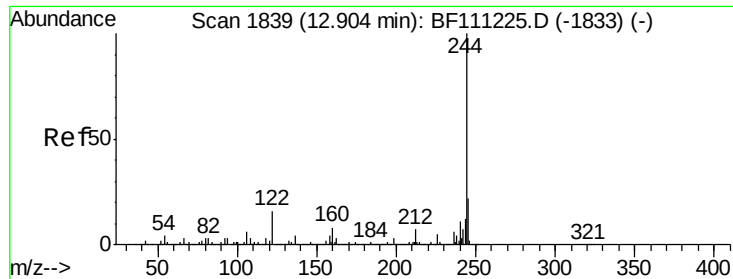
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.00 min
 Lab File: BF111260.D
 Acq: 10 Dec 2018 23:31

Tgt Ion:240 Resp: 752330
 Ion Ratio Lower Upper
 240 100
 120 13.9 12.2 18.2
 236 25.6 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: 64.001 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF111260.D

Acq: 10 Dec 2018 23:31

Instrument :

BNA_F

ClientSampleId :

K-120718-RO

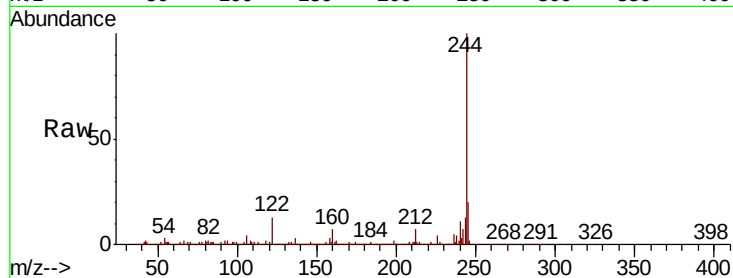
Tgt Ion:244 Resp: 2007380

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

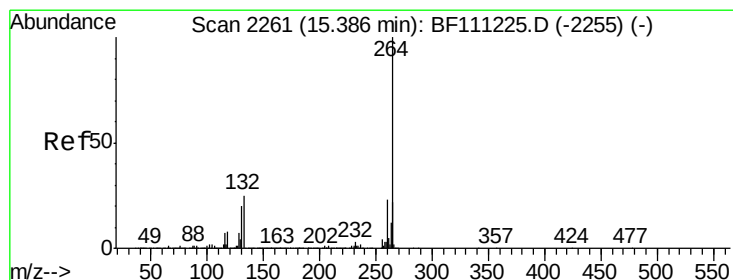
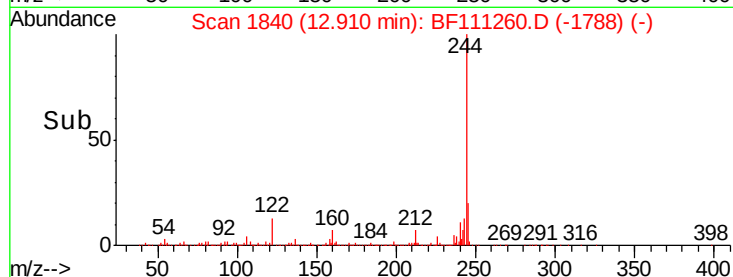
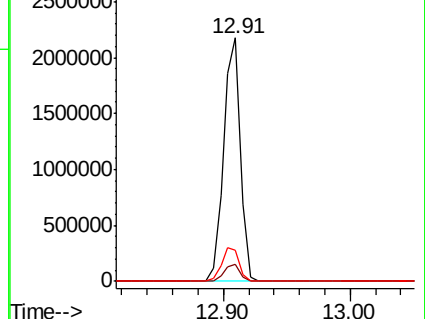
122 12.8 13.1 19.7#



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: 15.40 min Scan# 2263

Delta R.T. 0.01 min

Lab File: BF111260.D

Acq: 10 Dec 2018 23:31

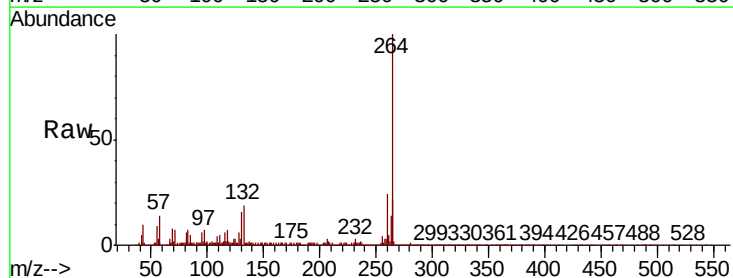
Tgt Ion:264 Resp: 590579

Ion Ratio Lower Upper

264 100

260 23.5 18.3 27.5

265 21.7 17.7 26.5



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

