

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
 Data File : BF111940.D
 Acq On : 9 Jan 2019 10:18
 Operator : JU/SJ
 Sample : PB116192BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 09 10:46:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

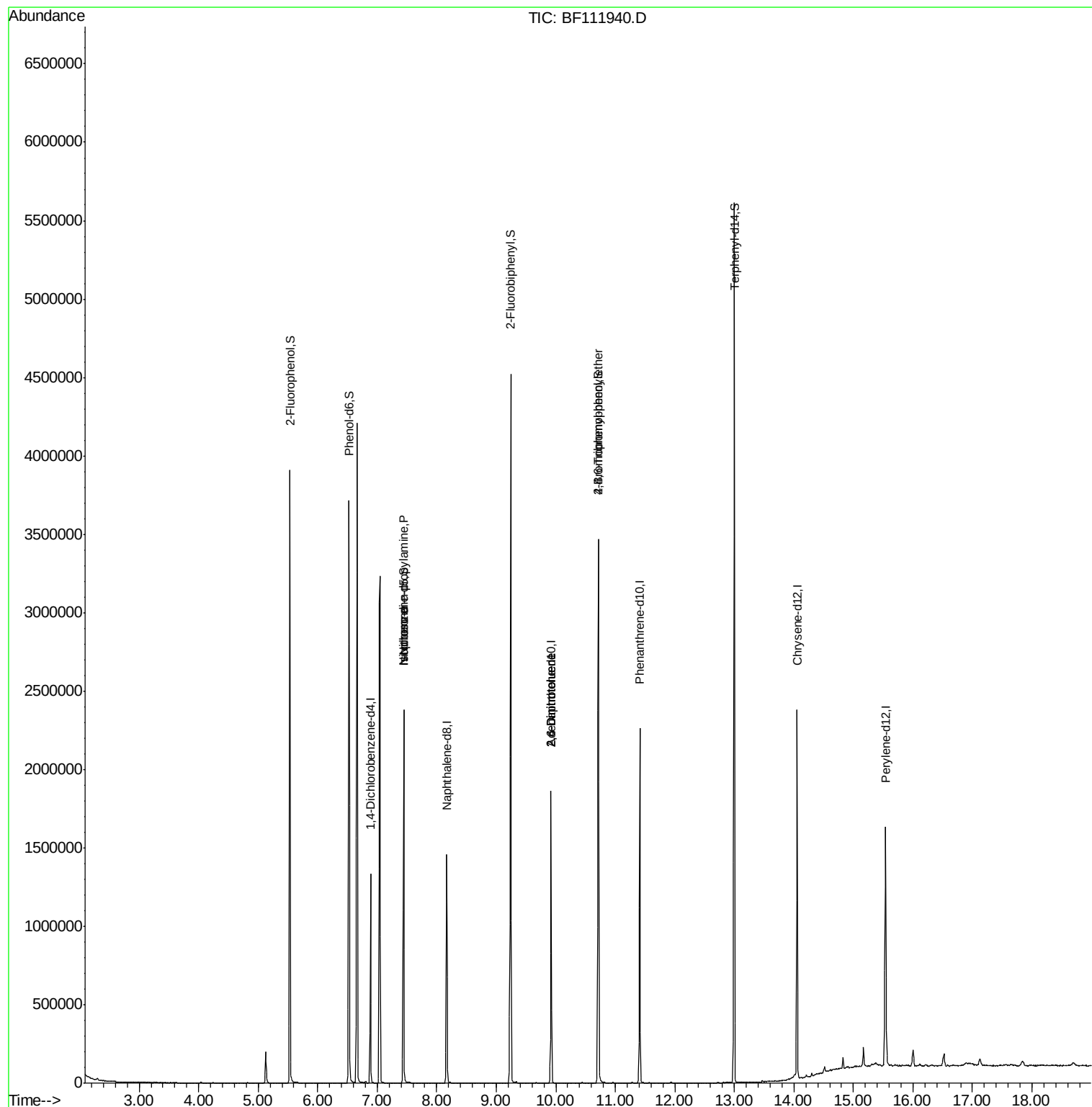
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	199528	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	736171	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	416919	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	848248	20.00	ng	0.00
76) Chrysene-d12	14.05	240	866745	20.00	ng	0.00
87) Perylene-d12	15.54	264	736486	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1063872	91.22	ng	0.01
7) Phenol-d6	6.53	99	1267791	84.34	ng	0.00
23) Nitrobenzene-d5	7.45	82	833447	60.51	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	477224	88.00	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1636805	57.25	ng	0.00
79) Terphenyl-d14	13.00	244	2020534	44.25	ng	0.00
Target Compounds						
9) Benzaldehyde	6.52	77	1910	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.45	70	112251	11.493	ng	# 75
25) Isophorone	7.45	82	825532	37.011	ng	# 65
51) 2,6-Dinitrotoluene	9.92	165	53287	7.608	ng	# 26
57) 2,4-Dinitrotoluene	9.92	165	53287	5.888	ng	# 27
67) 4-Bromophenyl-phenylether	10.72	248	28694	2.612	ng	# 1

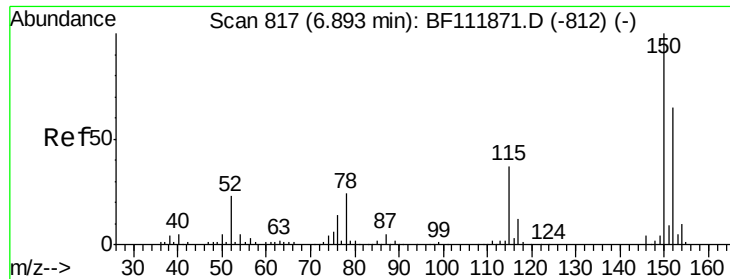
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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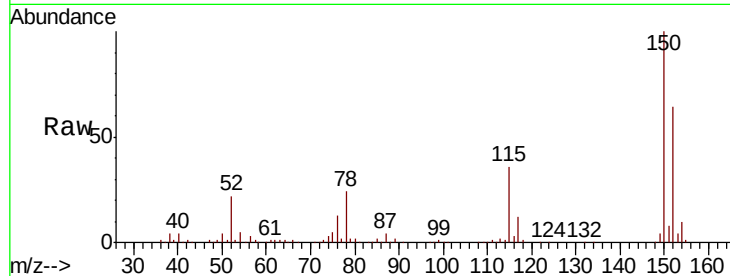


#1

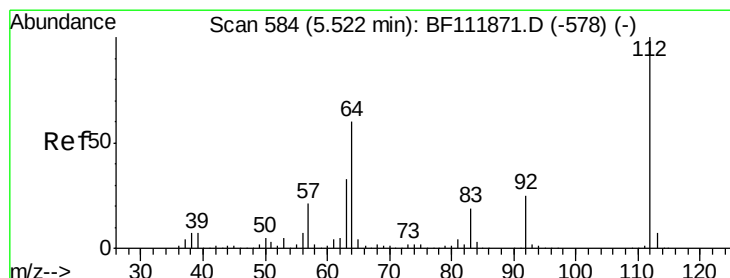
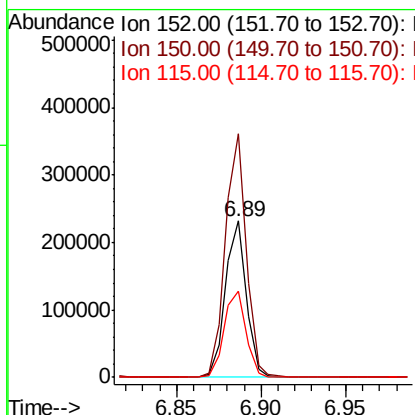
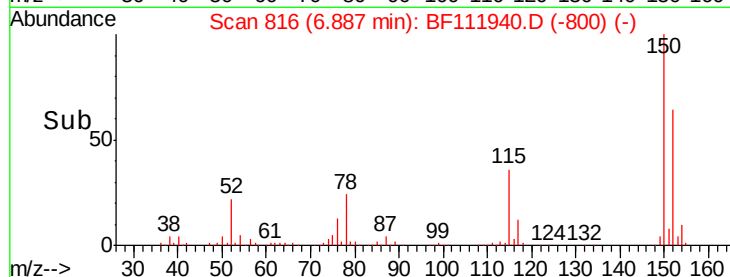
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111940.D
Acq: 9 Jan 2019 10:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 199528
Ion Ratio Lower Upper
152 100
150 155.9 122.7 184.1
115 55.5 45.2 67.8



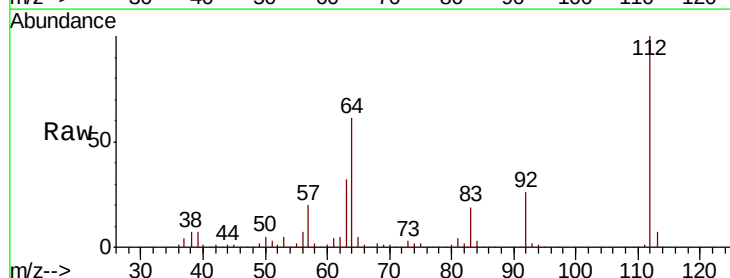
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



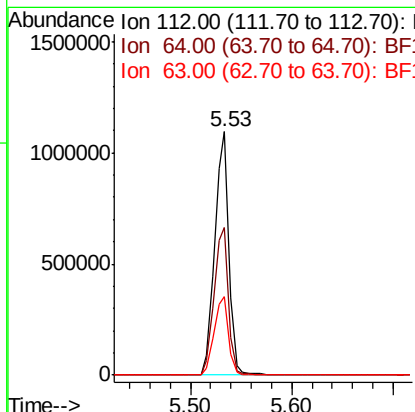
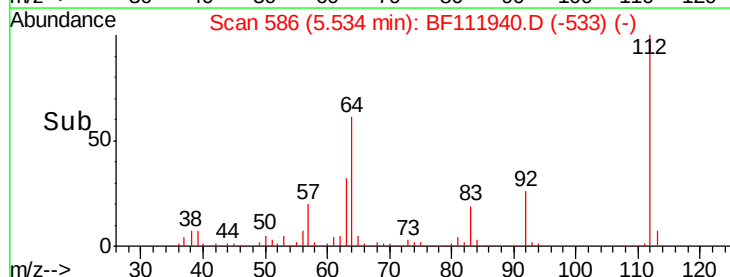
#5

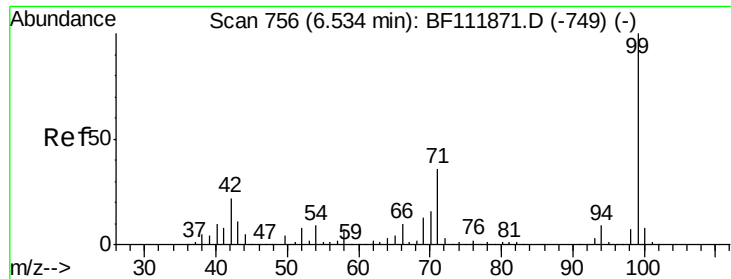
2-Fluorophenol
Concen: 91.220 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.01 min
Lab File: BF111940.D
Acq: 9 Jan 2019 10:18

Tgt Ion:112 Resp: 1063872
Ion Ratio Lower Upper
112 100
64 60.6 48.3 72.5
63 32.0 26.1 39.1



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: 84.340 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111940.D

Acq: 9 Jan 2019 10:18

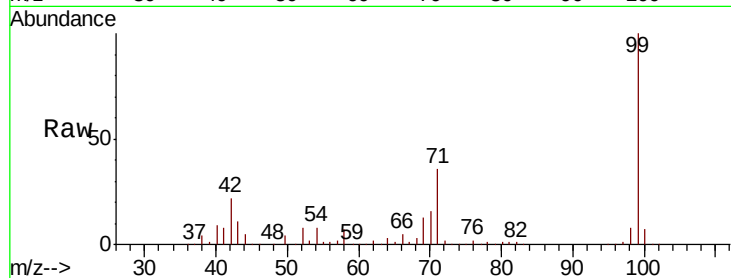
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1267791

Ion	Ratio	Lower	Upper
99	100		
42	22.1	17.9	26.9
71	35.8	28.7	43.1

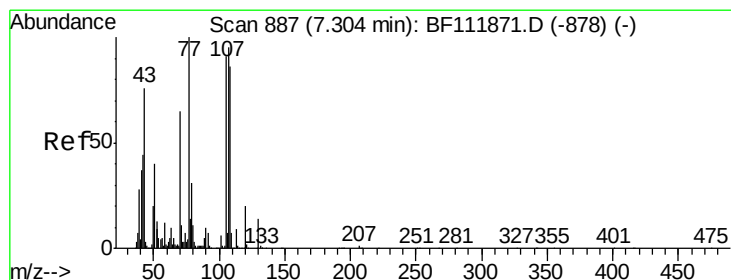
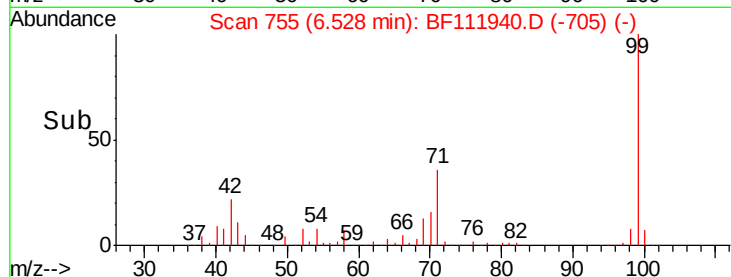
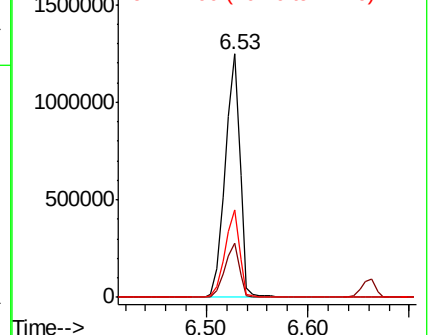


Abundance

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: 11.493 ng

RT: 7.45 min Scan# 911

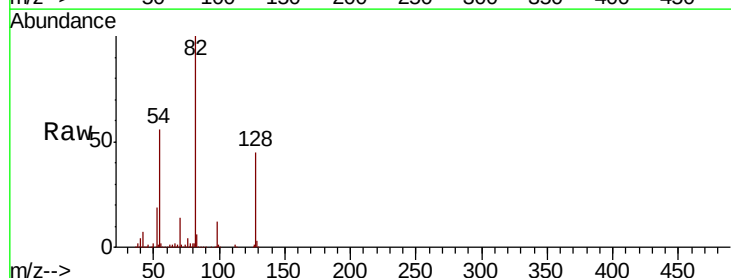
Delta R.T. 0.14 min

Lab File: BF111940.D

Acq: 9 Jan 2019 10:18

Tgt Ion: 70 Resp: 112251

Ion	Ratio	Lower	Upper
70	100		
42	51.4	53.6	80.4#
101	0.0	7.3	10.9#
130	2.1	16.8	25.2#



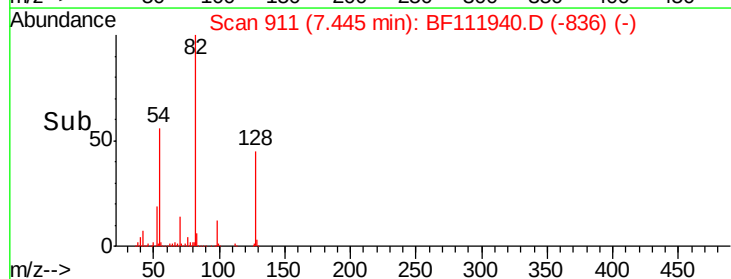
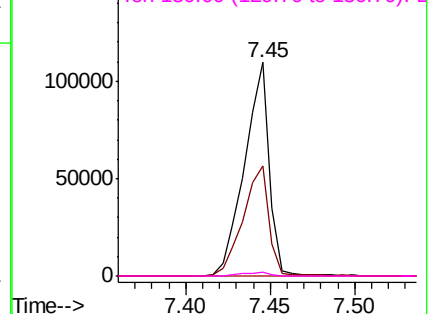
Abundance

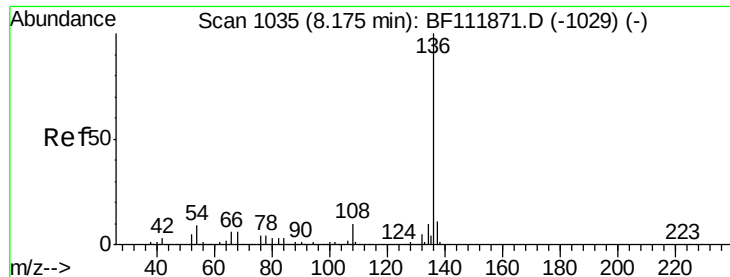
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

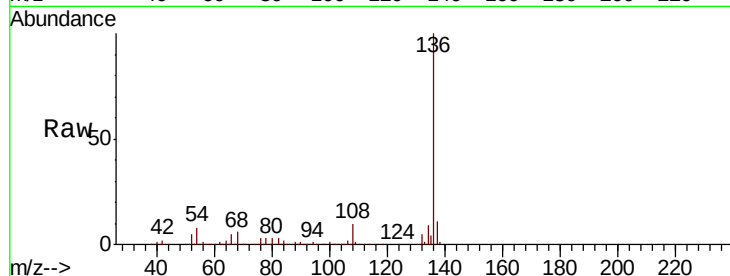




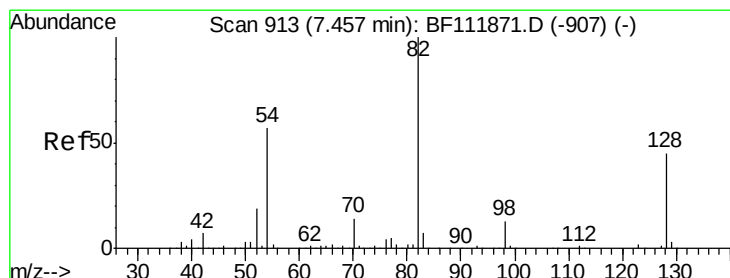
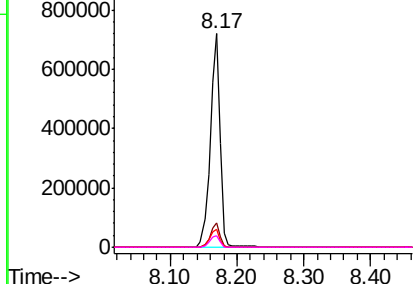
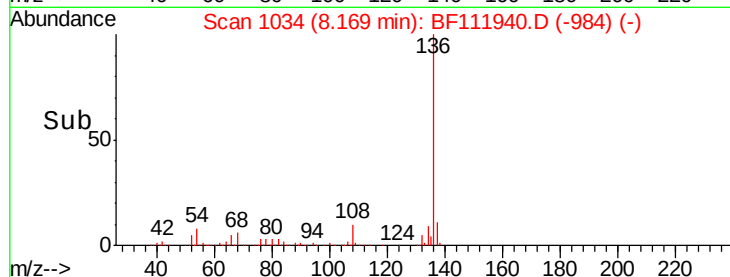
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF111940.D
Acq: 9 Jan 2019 10:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:136 Resp: 736171
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 8.5 7.2 10.8
68 5.6 4.4 6.6

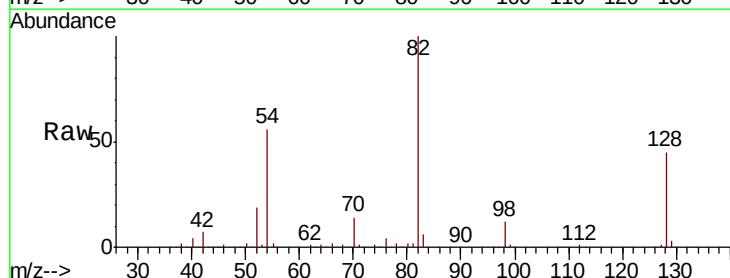


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

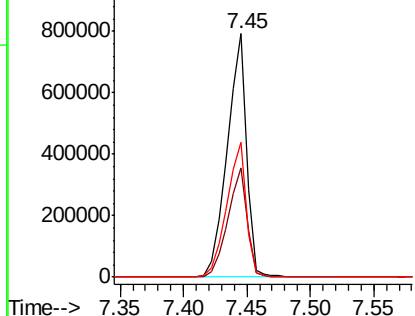
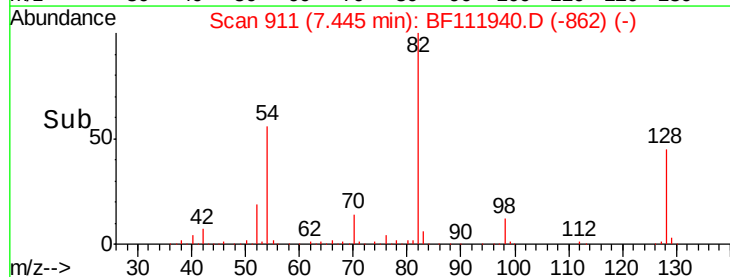


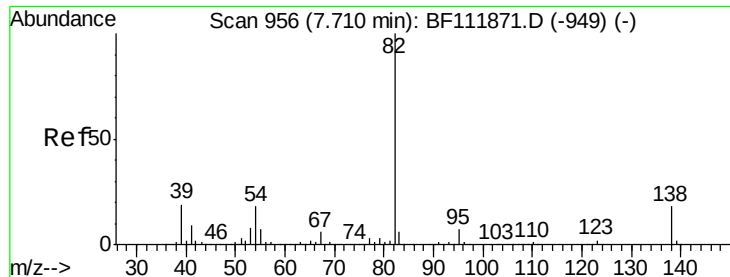
#23
Nitrobenzene-d5
Concen: 60.507 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF111940.D
Acq: 9 Jan 2019 10:18

Tgt Ion: 82 Resp: 833447
Ion Ratio Lower Upper
82 100
128 45.1 35.7 53.5
54 55.6 45.8 68.8



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

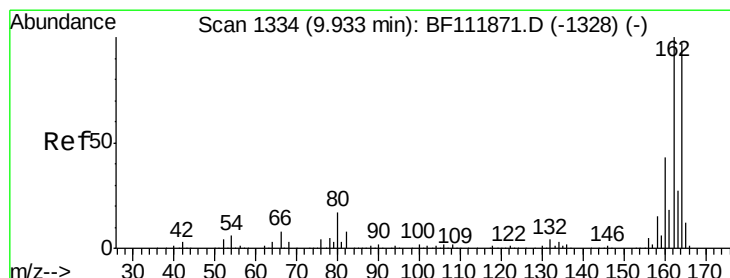
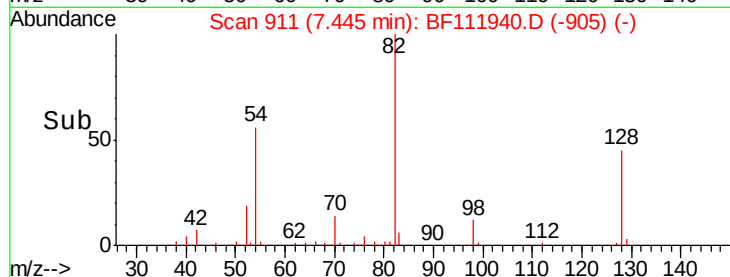
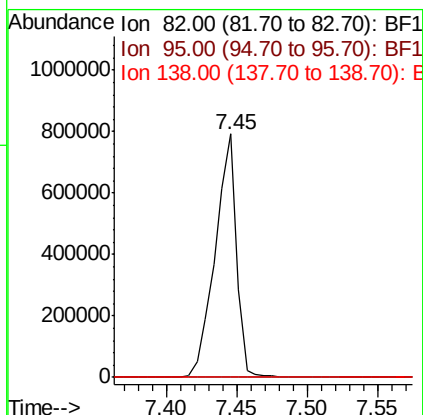
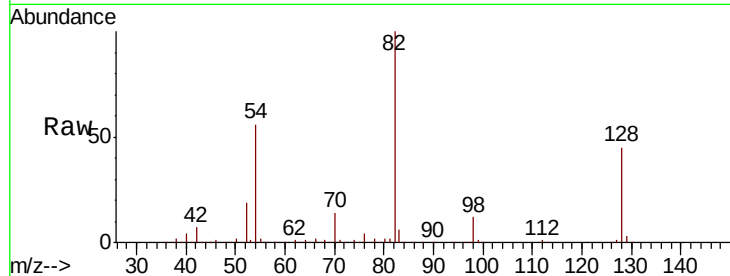




#25
Isophorone
Concen: 37.011 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF111940.D
Acq: 9 Jan 2019 10:18

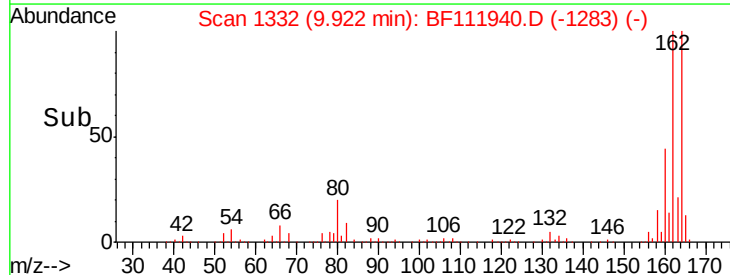
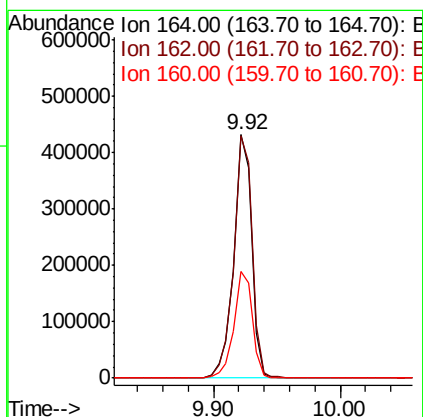
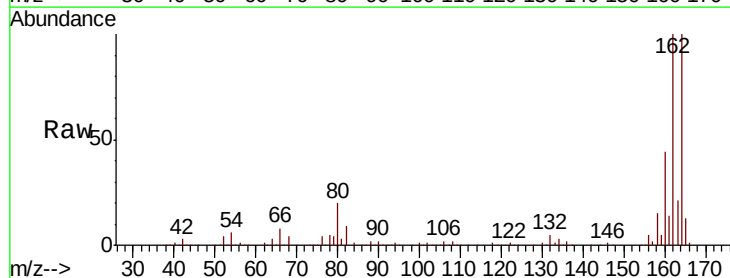
Instrument :
BNA_F
ClientSampled :

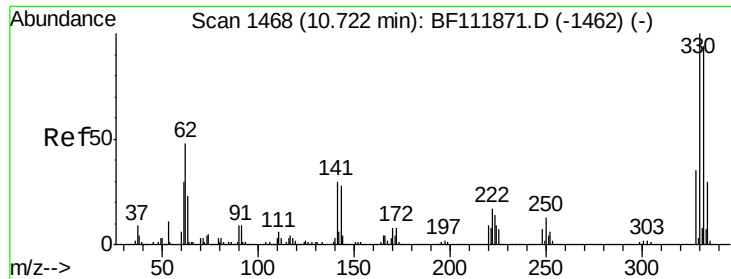
Tot Ion: 82 Resp: 825532
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.4 21.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF111940.D
Acq: 9 Jan 2019 10:18

Tgt Ion: 164 Resp: 416919
Ion Ratio Lower Upper
164 100
162 99.8 82.2 123.2
160 43.6 35.5 53.3

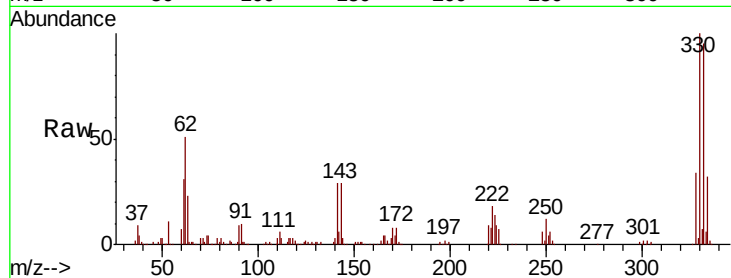




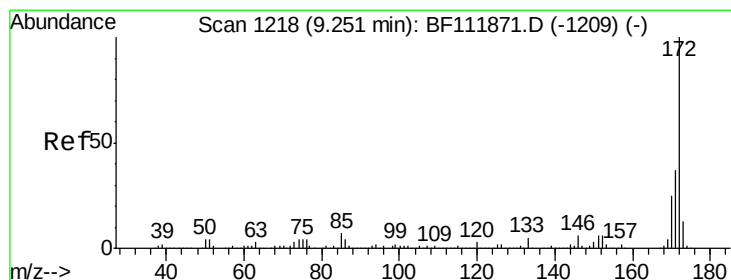
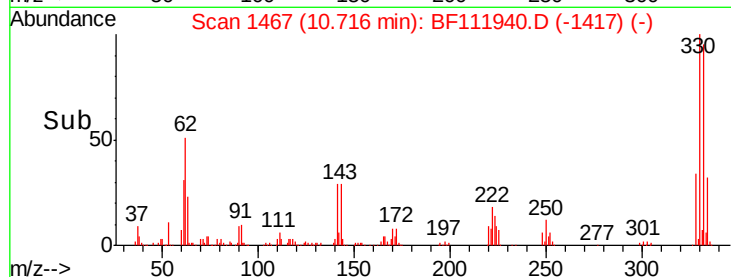
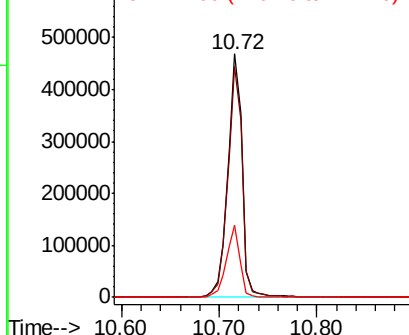
#42
 2,4,6-Tribromophenol
 Concen: 88.002 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF111940.D
 Acq: 9 Jan 2019 10:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 477224
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.9 115.3
 141 28.1 23.7 35.5

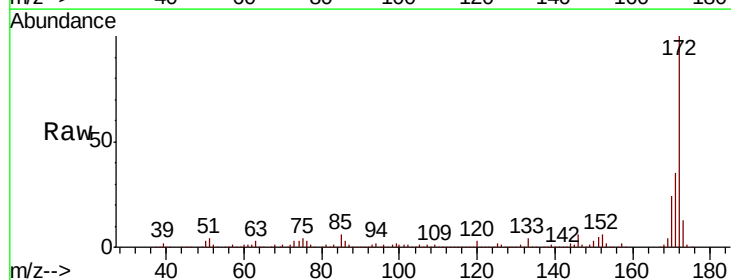


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

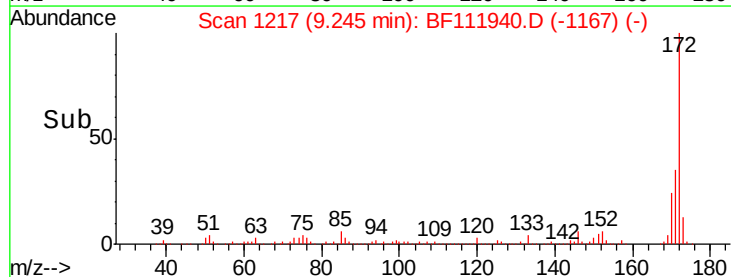
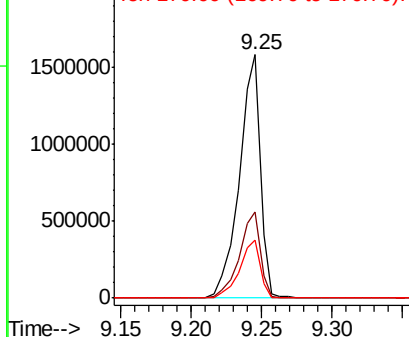


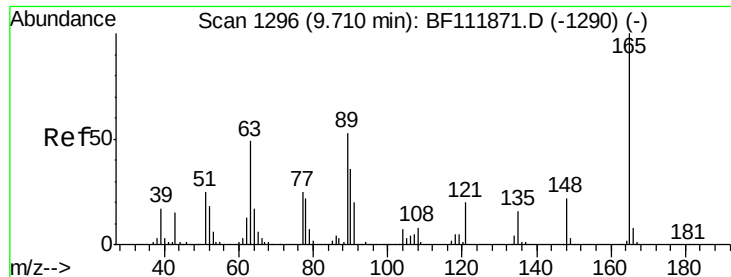
#45
 2-Fluorobiphenyl
 Concen: 57.248 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF111940.D
 Acq: 9 Jan 2019 10:18

Tgt Ion:172 Resp: 1636805
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.6 44.4
 170 23.6 19.8 29.8



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

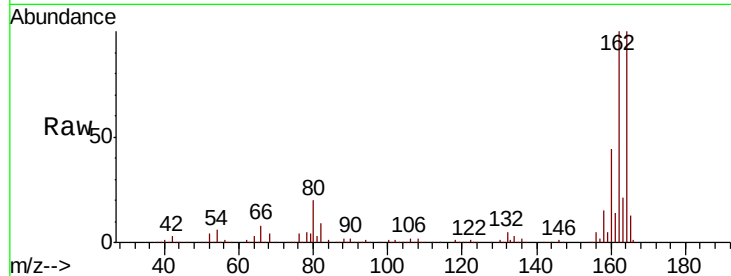




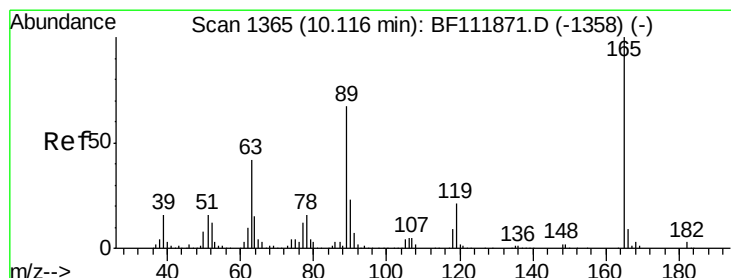
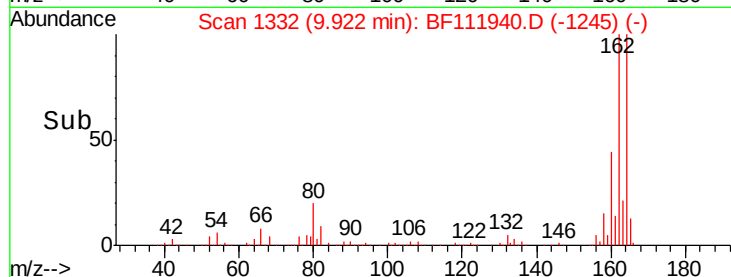
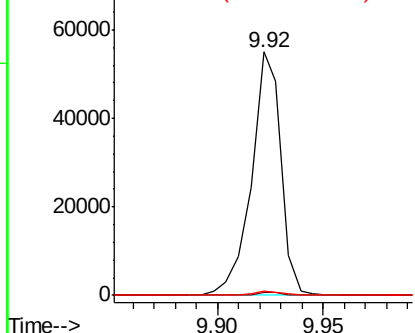
#51
 2,6-Dinitrotoluene
 Concen: 7.608 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.21 min
 Lab File: BF111940.D
 Acq: 9 Jan 2019 10:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	46.2	69.2#
89	1.5	42.2	63.2#

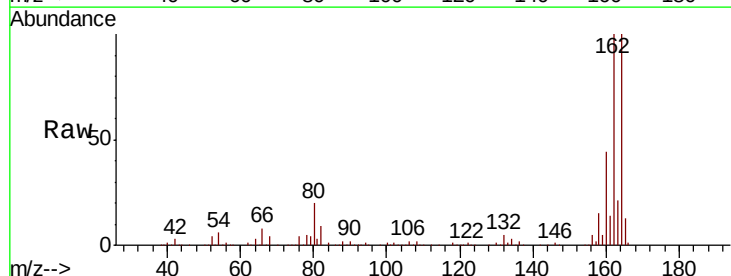


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

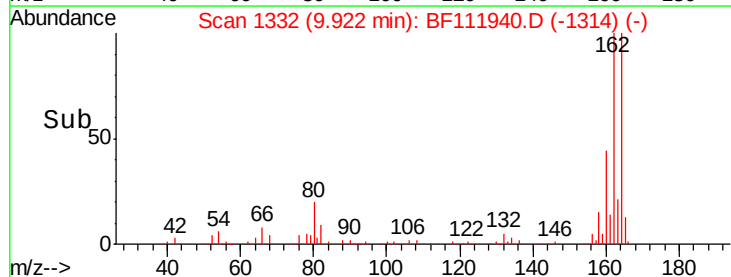
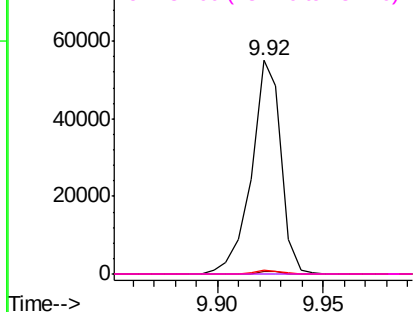


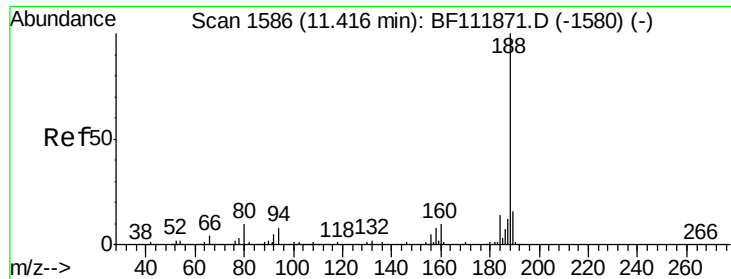
#57
 2,4-Dinitrotoluene
 Concen: 5.888 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.19 min
 Lab File: BF111940.D
 Acq: 9 Jan 2019 10:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.1	51.1#
89	1.5	53.5	80.3#
182	0.0	2.0	3.0#



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
 Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF111940.D

Acq: 9 Jan 2019 10:18

Instrument :

BNA_F

ClientSampleId :

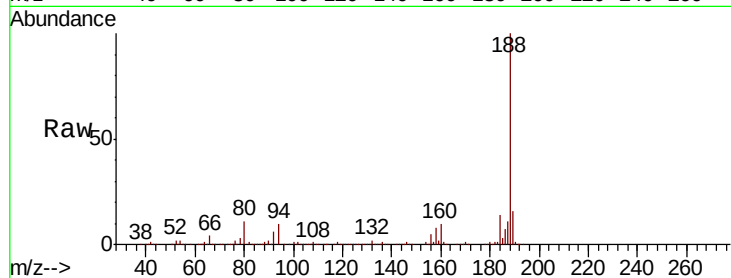
Tot Ion:188 Resp: 848248

Ion Ratio Lower Upper

188 100

94 9.9 6.6 10.0

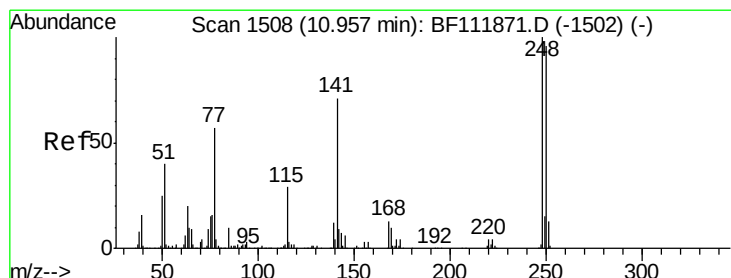
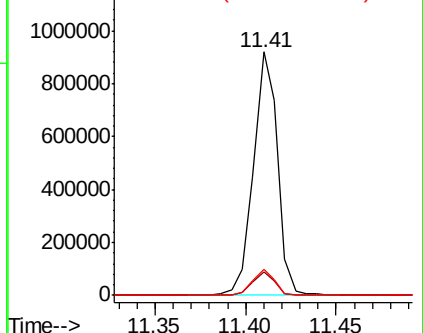
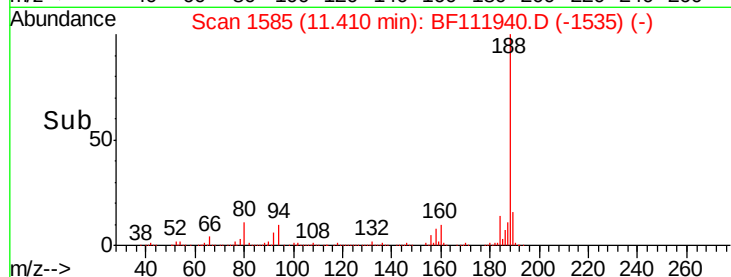
80 10.5 7.7 11.5



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: 2.612 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.24 min

Lab File: BF111940.D

Acq: 9 Jan 2019 10:18

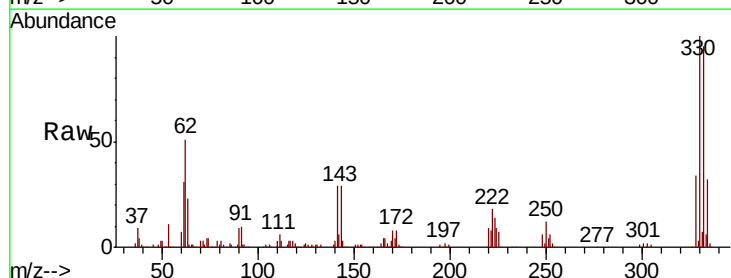
Tgt Ion:248 Resp: 28694

Ion Ratio Lower Upper

248 100

250 195.2 76.8 115.2#

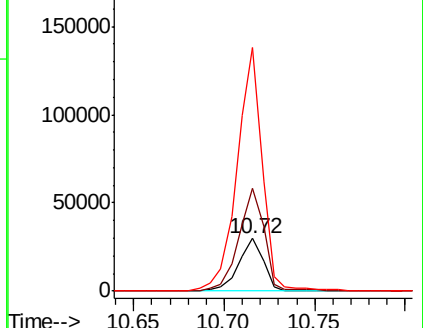
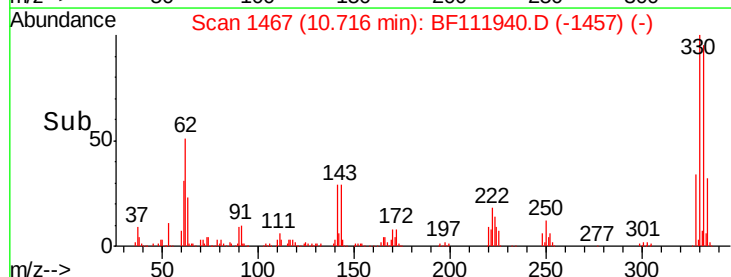
141 461.9 57.0 85.6#

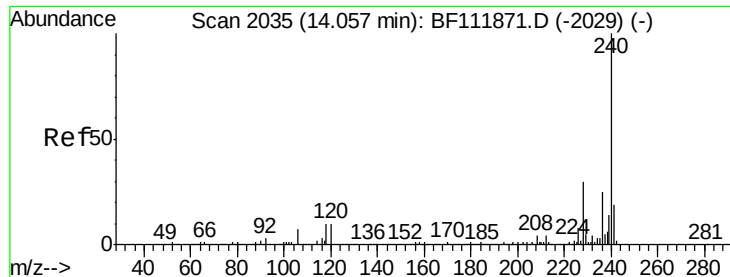


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

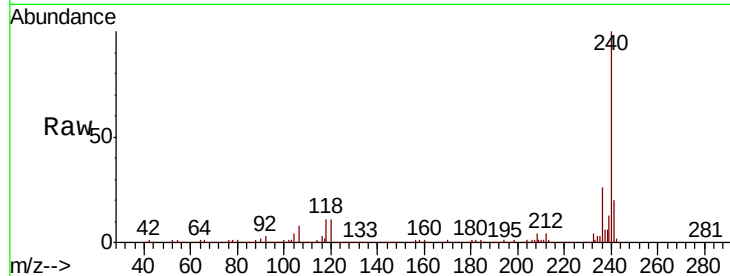




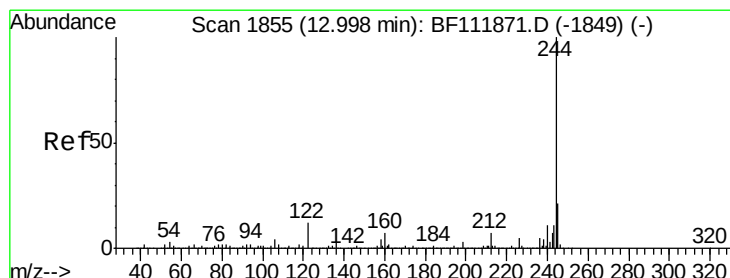
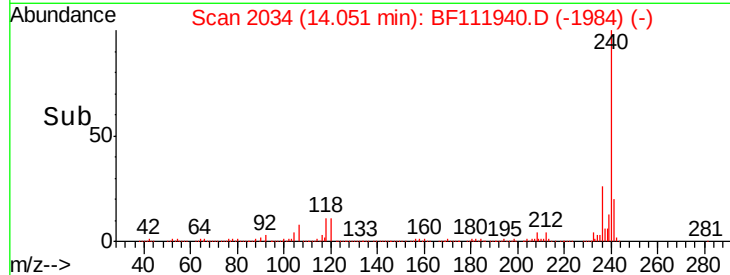
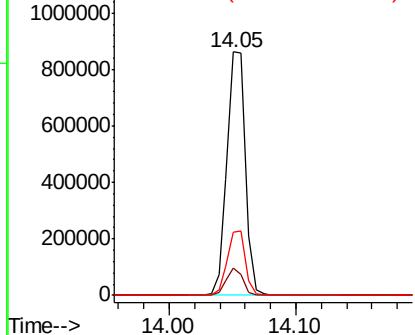
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF111940.D
 Acq: 9 Jan 2019 10:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:240 Resp: 866745
 Ion Ratio Lower Upper
 240 100
 120 11.4 8.2 12.2
 236 25.8 20.2 30.4

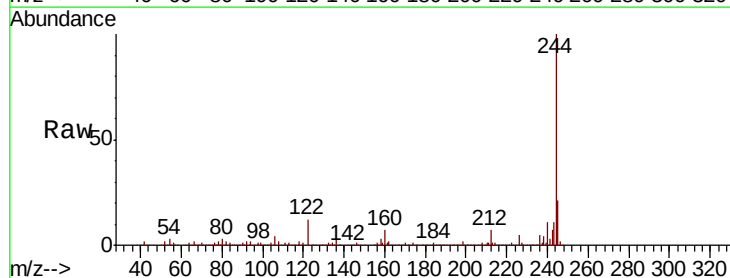


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

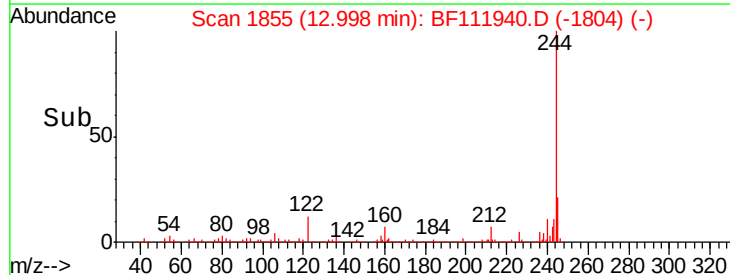
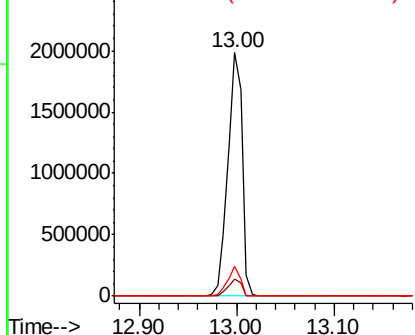


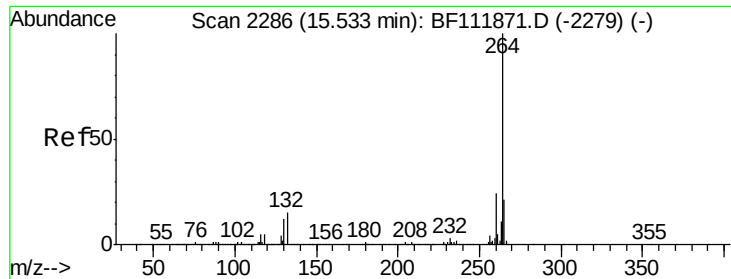
#79
 Terphenyl-d14
 Concen: 44.251 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: BF111940.D
 Acq: 9 Jan 2019 10:18

Tgt Ion:244 Resp: 2020534
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 12.1 9.5 14.3



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

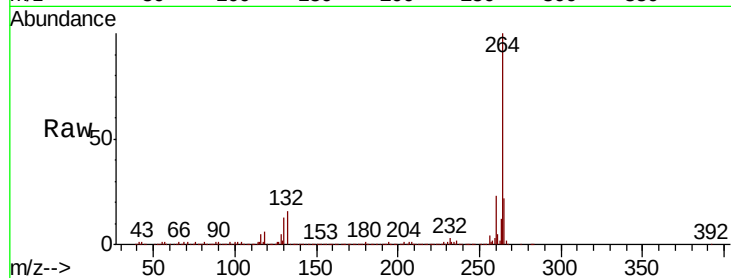




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. 0.01 min
 Lab File: BF111940.D
 Acq: 9 Jan 2019 10:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.3	17.1	25.7



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

