

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
 Data File : BF111960.D
 Acq On : 9 Jan 2019 20:10
 Operator : JU/SJ
 Sample : K1075-05RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 10 01:54:04 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

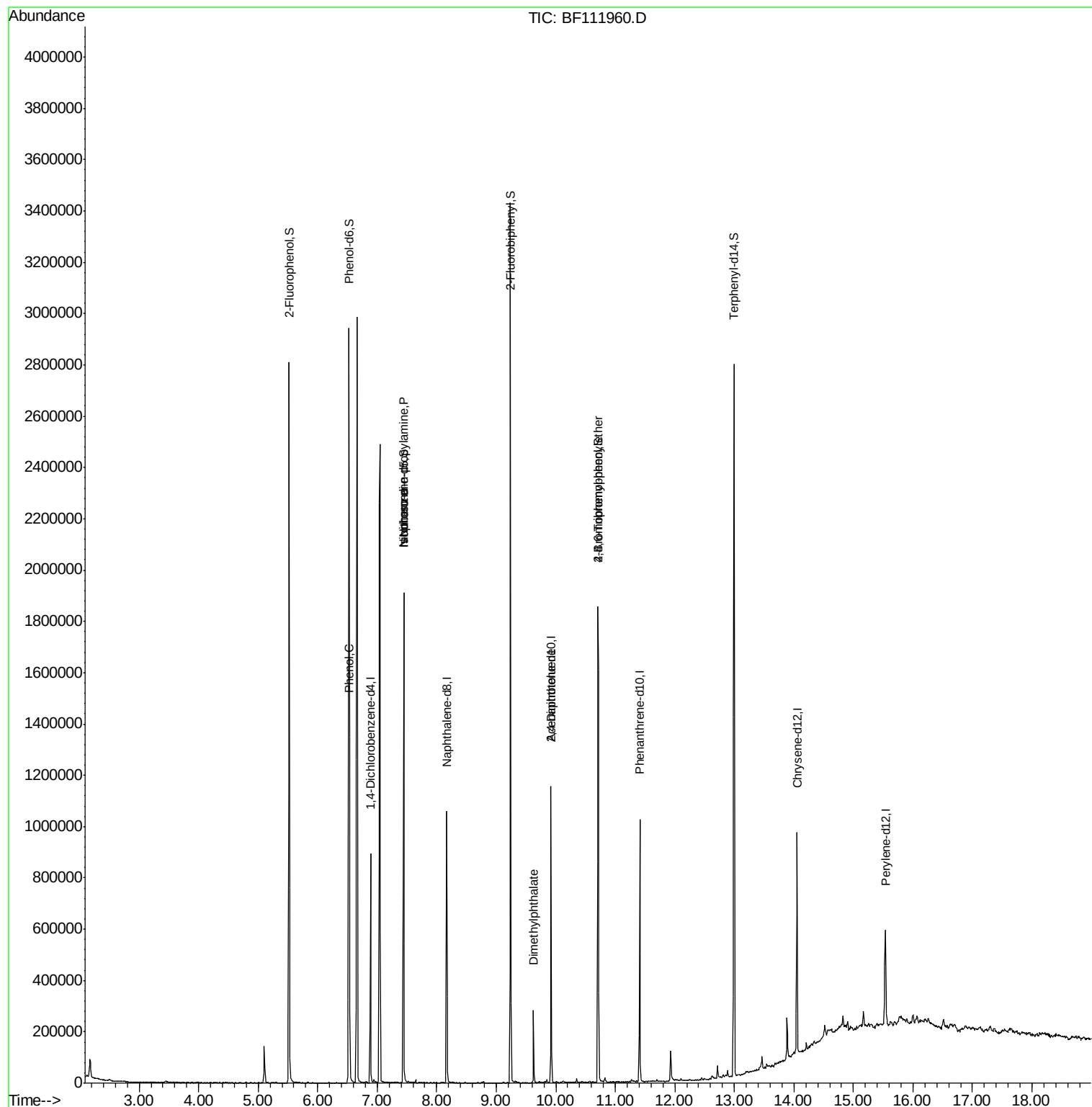
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	133824	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	475364	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	210132	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	365065	20.00	ng	0.00
76) Chrysene-d12	14.05	240	276577	20.00	ng	0.00
87) Perylene-d12	15.54	264	191993	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	751943	96.13	ng	0.00
7) Phenol-d6	6.53	99	959965	95.22	ng	0.00
23) Nitrobenzene-d5	7.45	82	598203	67.26	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	237359	86.84	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1057447	73.38	ng	-0.01
79) Terphenyl-d14	12.99	244	971015	66.64	ng	0.00
Target Compounds						
9) Benzaldehyde	6.53	77	1817	Below Cal	Qvalue	# 1
10) Phenol	6.54	94	43016	3.926 ng	#	73
19) n-Nitroso-di-n-propylamine	7.45	70	80532	12.294 ng	#	76
25) Isophorone	7.45	82	598192	41.533 ng	#	65
50) Dimethylphthalate	9.63	163	102855	6.516 ng		98
57) 2,4-Dinitrotoluene	9.92	165	26071	5.716 ng	#	26
67) 4-Bromophenyl-phenylether	10.71	248	14548	3.077 ng	#	1

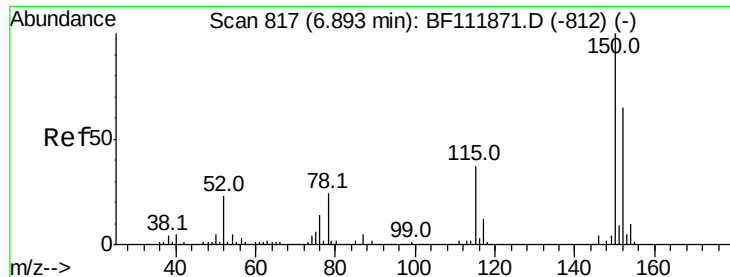
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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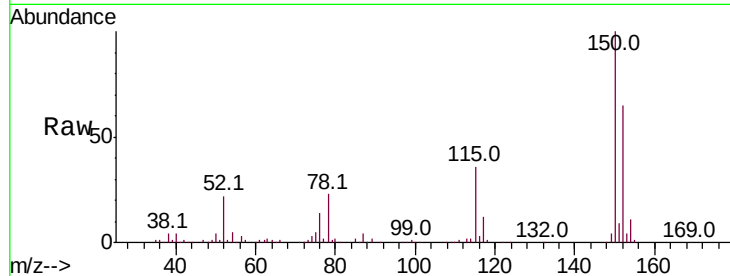


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111960.D
Acq: 9 Jan 2019 20:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	122.7	184.1
115	55.9	45.2	67.8

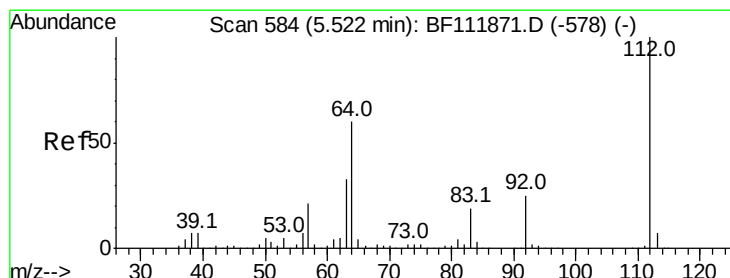
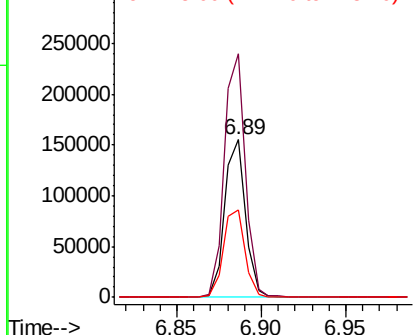
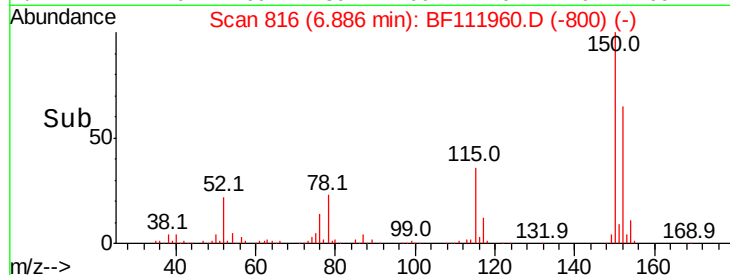


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

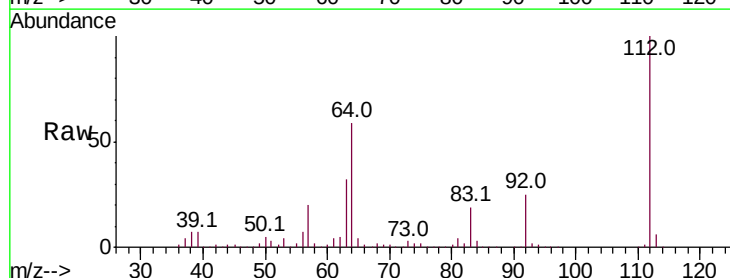
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 96.129 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF111960.D
Acq: 9 Jan 2019 20:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	48.3	72.5
63	31.8	26.1	39.1

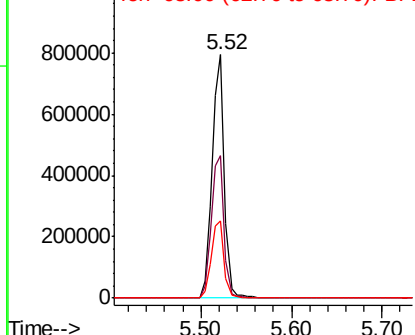
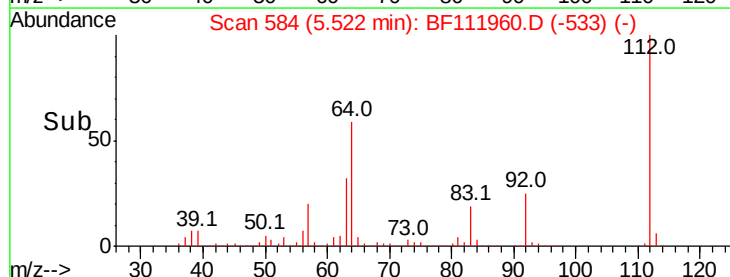


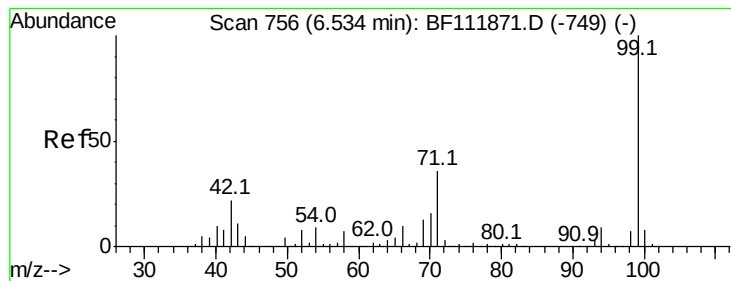
Abundance

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: 95.216 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111960.D

Acq: 9 Jan 2019 20:10

Instrument :

BNA_F

ClientSampleId :

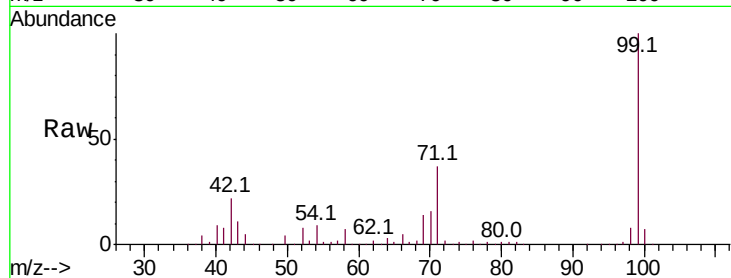
Tot Ion: 99 Resp: 959965

Ion Ratio Lower Upper

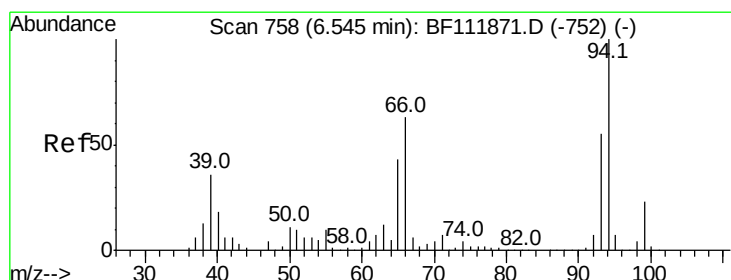
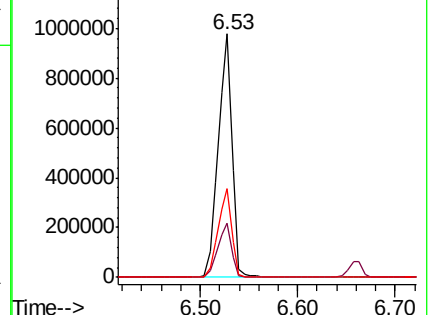
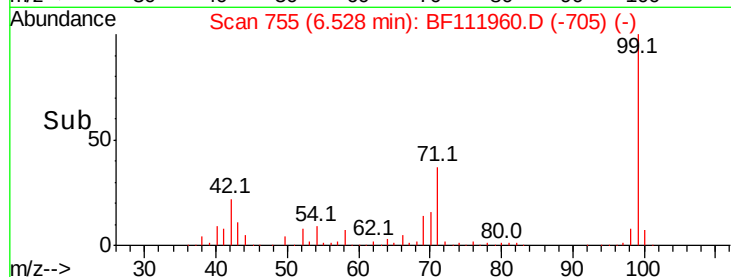
99 100

42 22.3 17.9 26.9

71 36.6 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



#10

Phenol

Concen: 3.926 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF111960.D

Acq: 9 Jan 2019 20:10

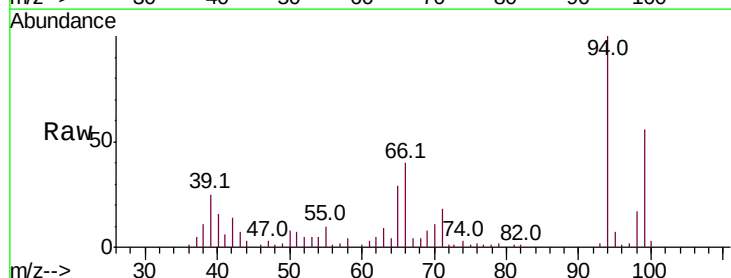
Tgt Ion: 94 Resp: 43016

Ion Ratio Lower Upper

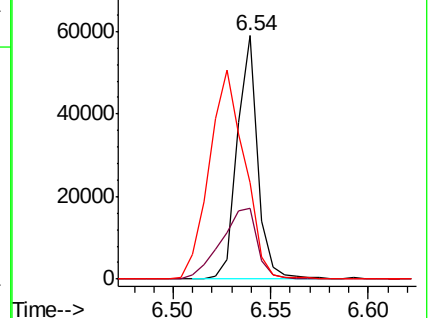
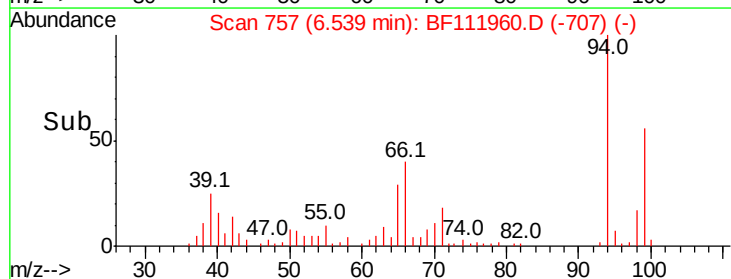
94 100

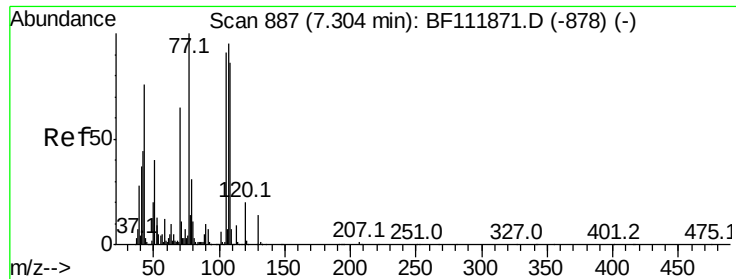
65 29.0 22.8 62.8

66 39.7 43.3 83.3#



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

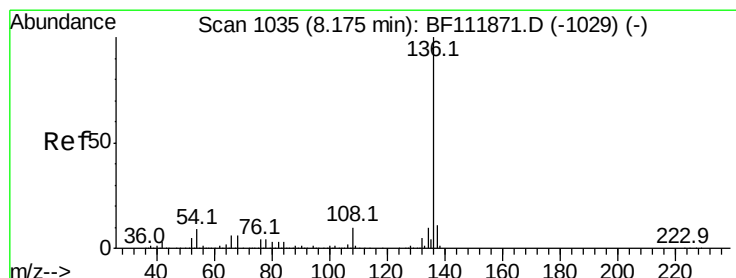
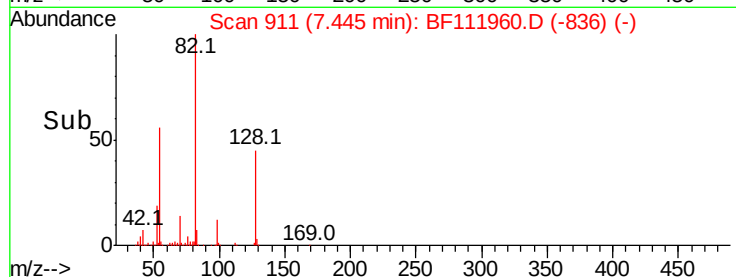
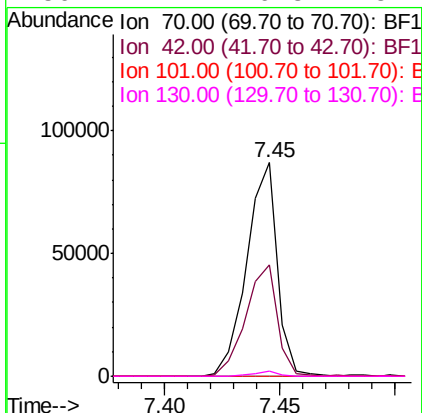
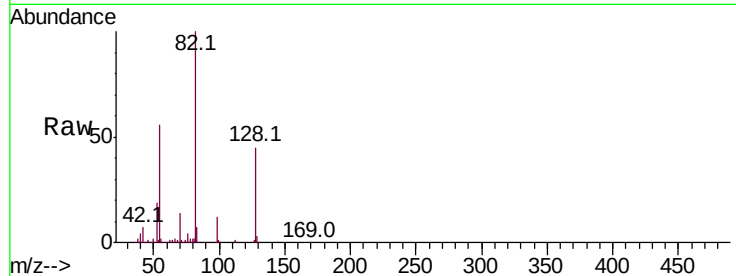




#19
n-Nitroso-di-n-propylamine
Concen: 12.294 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.14 min
Lab File: BF111960.D
Acq: 9 Jan 2019 20:10

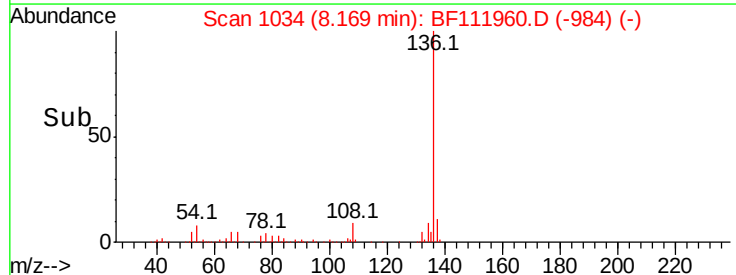
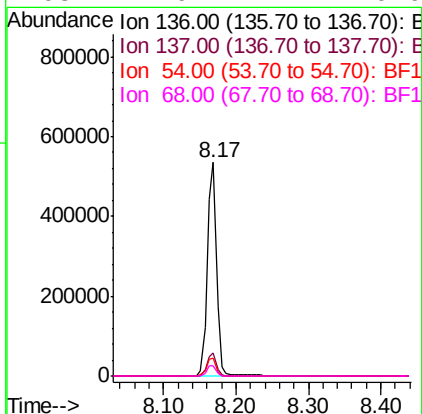
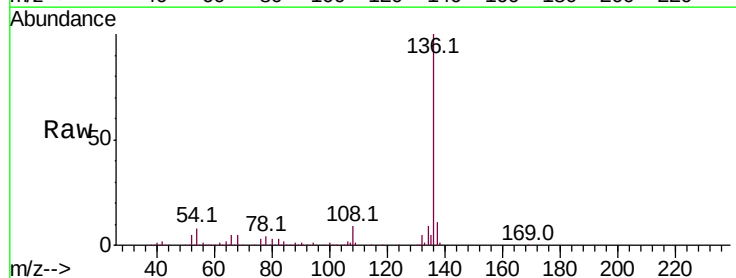
Instrument :
BNA_F
ClientSampleId :

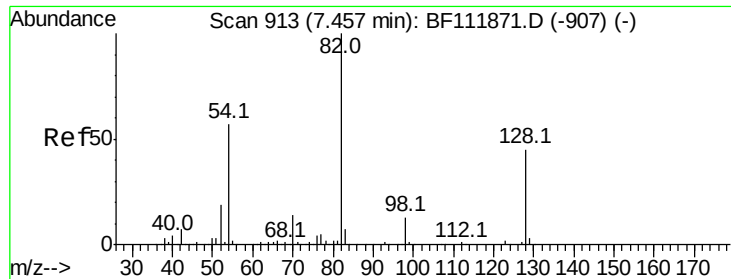
Tot Ion:	70	Resp:	80532
Ion	Ratio	Lower	Upper
70	100		
42	52.4	53.6	80.4#
101	0.0	7.3	10.9#
130	2.2	16.8	25.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF111960.D
Acq: 9 Jan 2019 20:10

Tgt Ion:	136	Resp:	475364
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	8.2	7.2	10.8
68	4.6	4.4	6.6

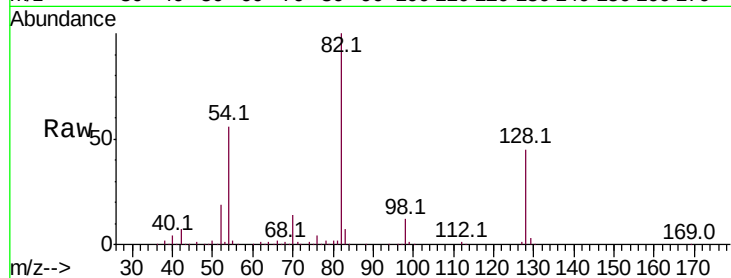




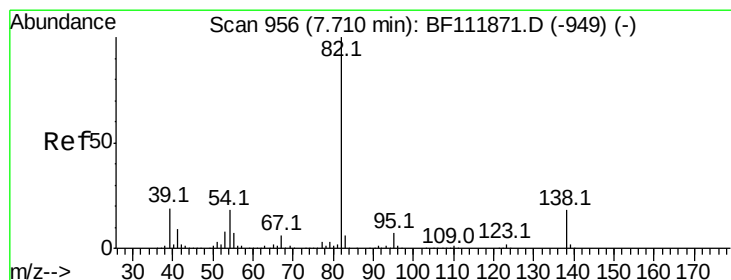
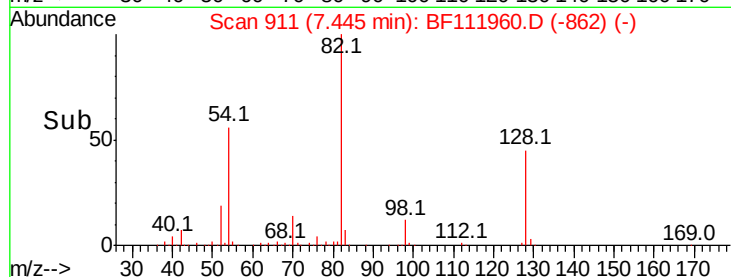
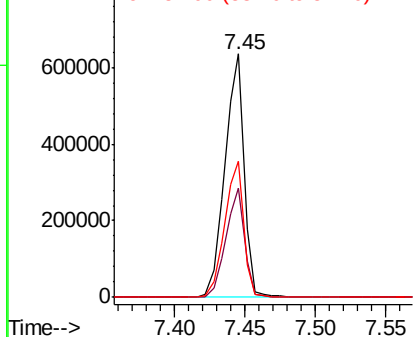
#23
Nitrobenzene-d5
Concen: 67.256 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF111960.D
Acq: 9 Jan 2019 20:10

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 598203
Ion Ratio Lower Upper
82 100
128 44.7 35.7 53.5
54 56.1 45.8 68.8

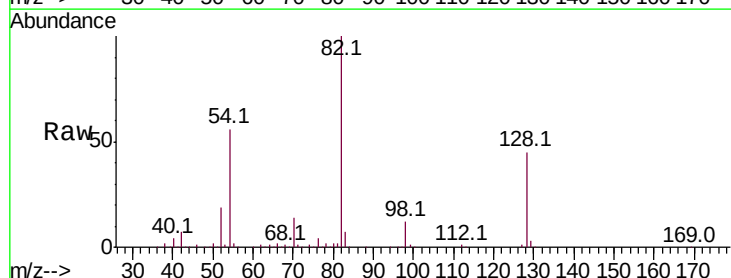


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

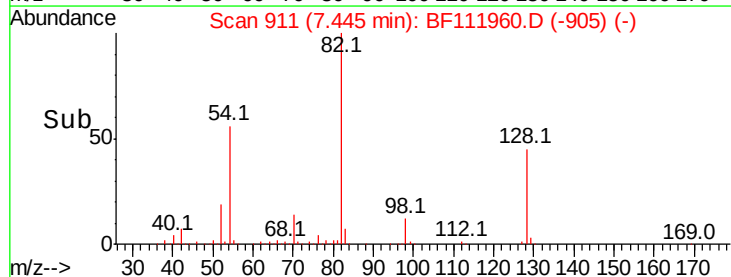
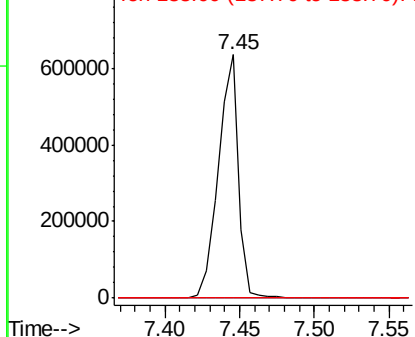


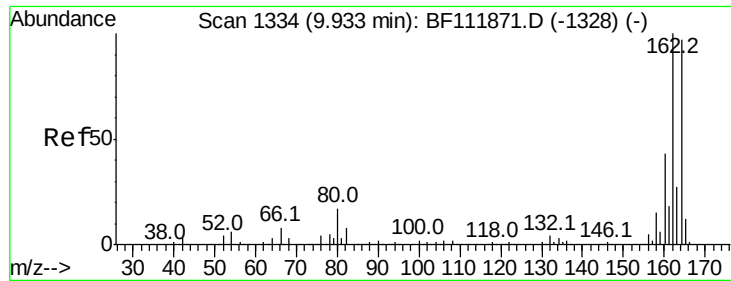
#25
Isophorone
Concen: 41.533 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF111960.D
Acq: 9 Jan 2019 20:10

Tgt Ion: 82 Resp: 598192
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.4 21.6#



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: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF111960.D

Acq: 9 Jan 2019 20:10

Instrument :

BNA_F

ClientSampleId :

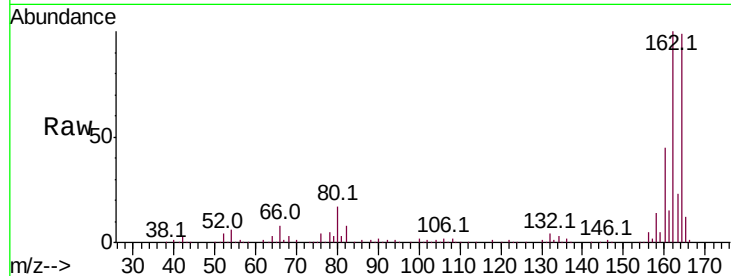
Tot Ion:164 Resp: 210132

Ion Ratio Lower Upper

164 100

162 100.9 82.2 123.2

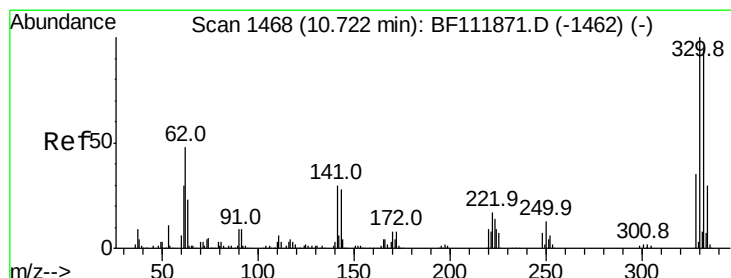
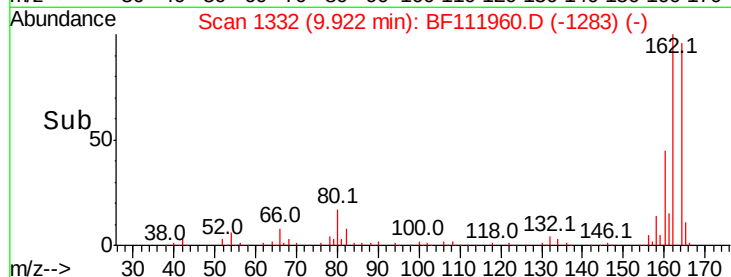
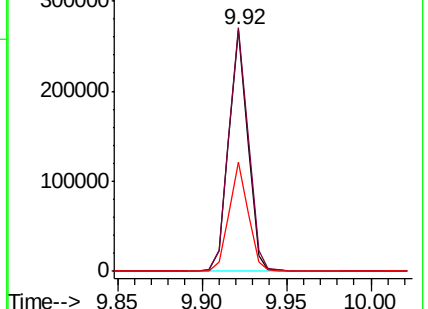
160 45.5 35.5 53.3



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: 86.844 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF111960.D

Acq: 9 Jan 2019 20:10

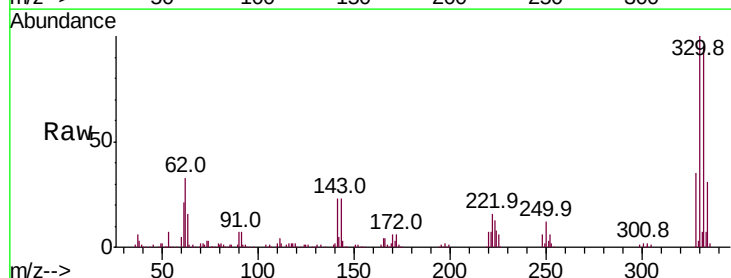
Tgt Ion:330 Resp: 237359

Ion Ratio Lower Upper

330 100

332 94.5 76.9 115.3

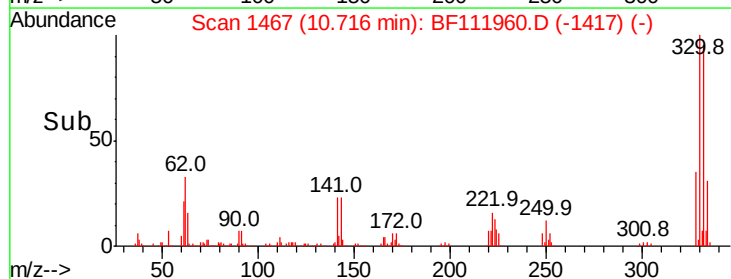
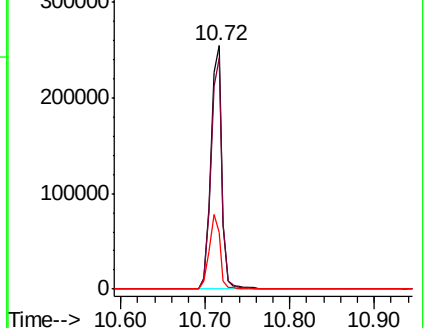
141 29.8 23.7 35.5

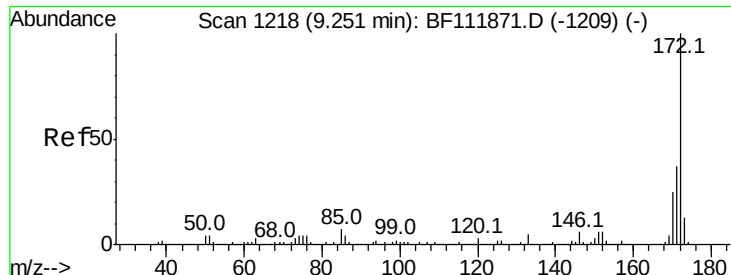


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

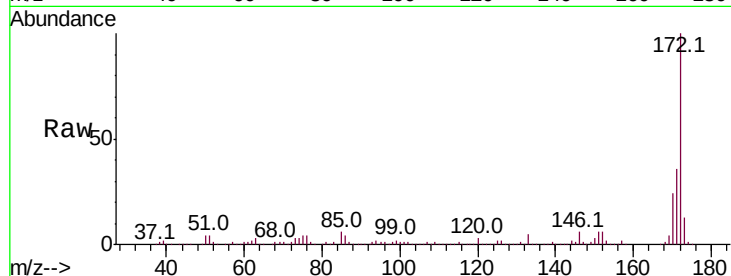




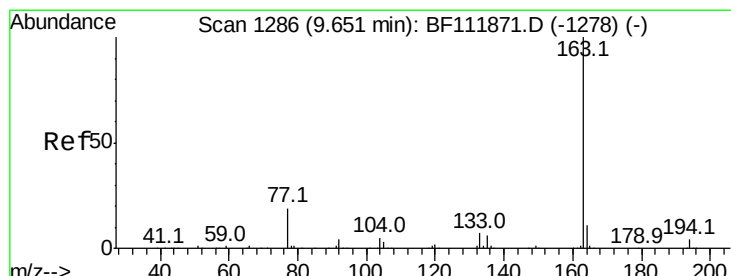
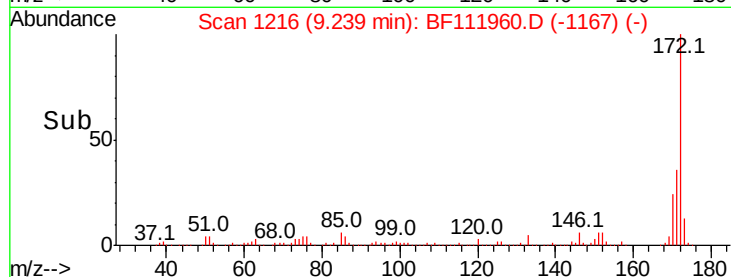
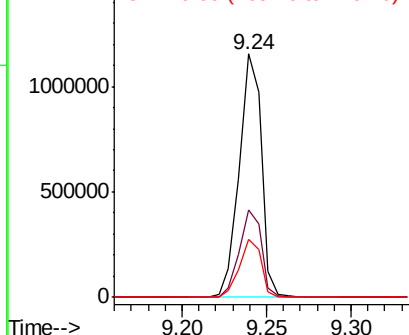
#45
2-Fluorobiphenyl
Concen: 73.381 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF111960.D
Acq: 9 Jan 2019 20:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1057447
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 24.0 19.8 29.8

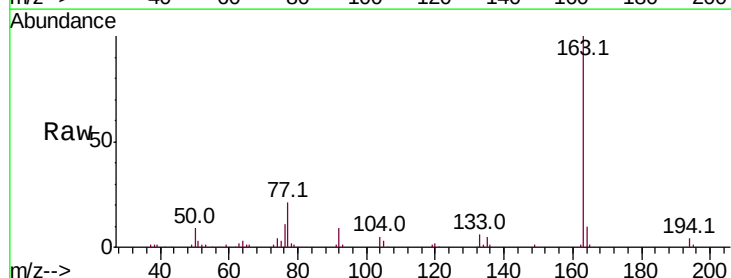


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

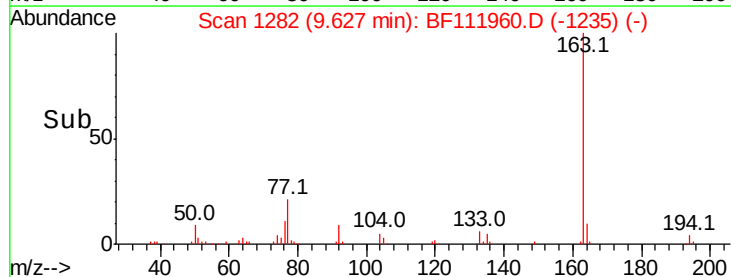
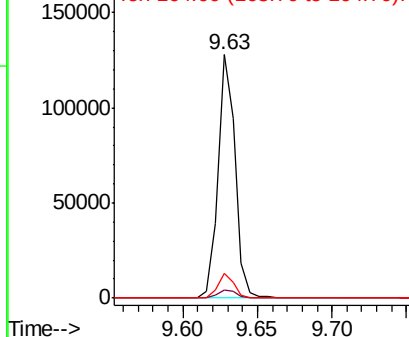


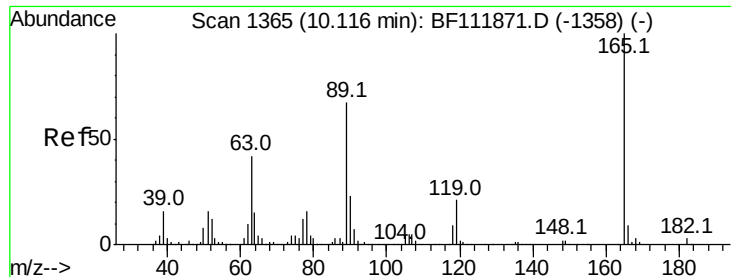
#50
Dimethylphthalate
Concen: 6.516 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF111960.D
Acq: 9 Jan 2019 20:10

Tgt Ion:163 Resp: 102855
Ion Ratio Lower Upper
163 100
194 3.5 3.4 5.2
164 10.1 8.5 12.7



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: 5.716 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.19 min

Lab File: BF111960.D

Acq: 9 Jan 2019 20:10

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 26071

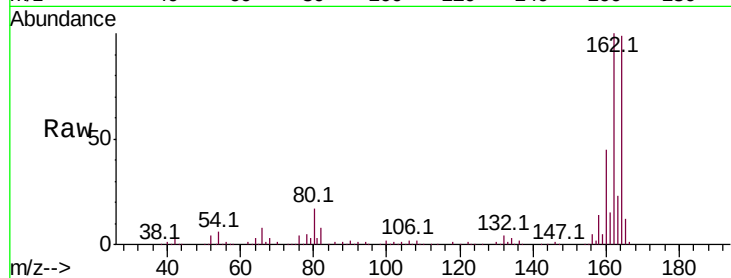
Ion Ratio Lower Upper

165 100

63 1.3 34.1 51.1#

89 1.3 53.5 80.3#

182 0.0 2.0 3.0#

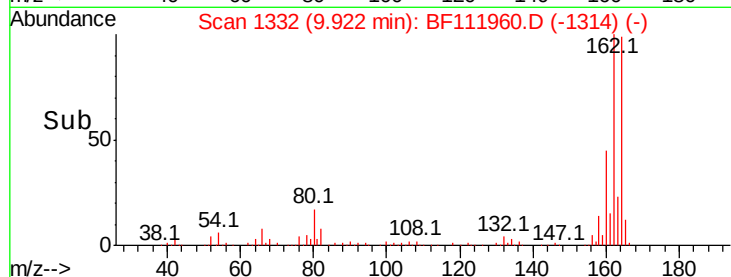


Abundance Ion 165.00 (164.70 to 165.70): E

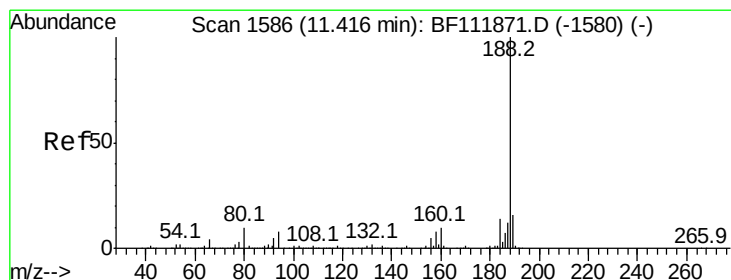
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF111960.D

Acq: 9 Jan 2019 20:10

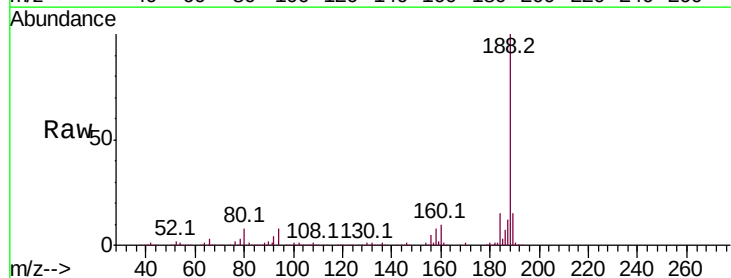
Tgt Ion:188 Resp: 365065

Ion Ratio Lower Upper

188 100

94 8.3 6.6 10.0

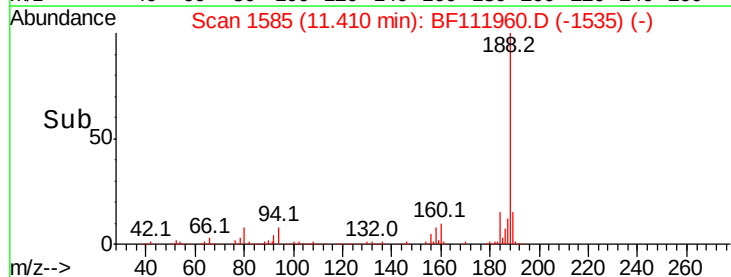
80 8.2 7.7 11.5



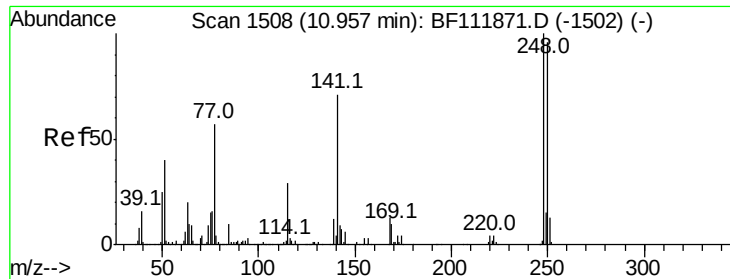
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



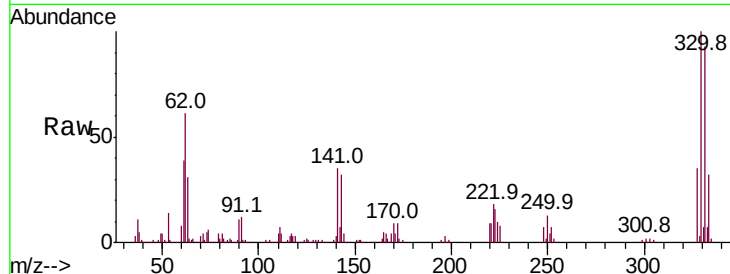
Time-->



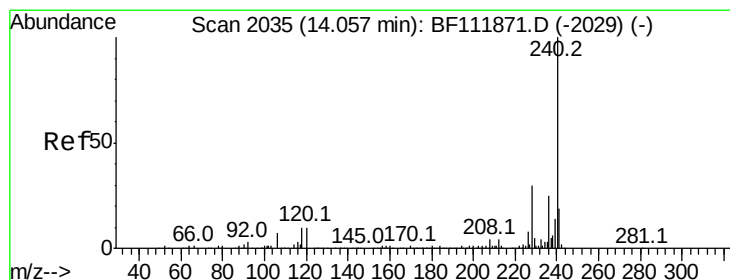
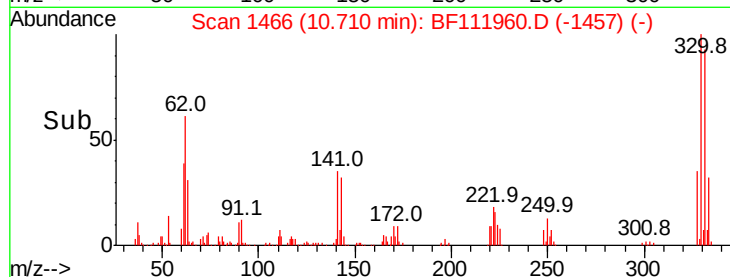
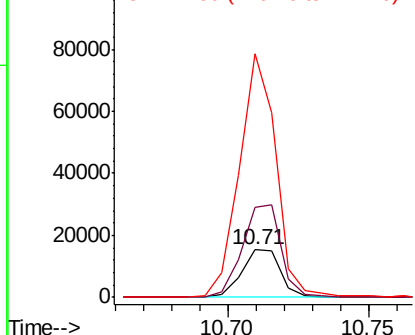
#67
 4-Bromophenyl-phenylether
 Concen: 3.077 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.25 min
 Lab File: BF111960.D
 Acq: 9 Jan 2019 20:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 14548
 Ion Ratio Lower Upper
 248 100
 250 190.3 76.8 115.2#
 141 514.6 57.0 85.6#

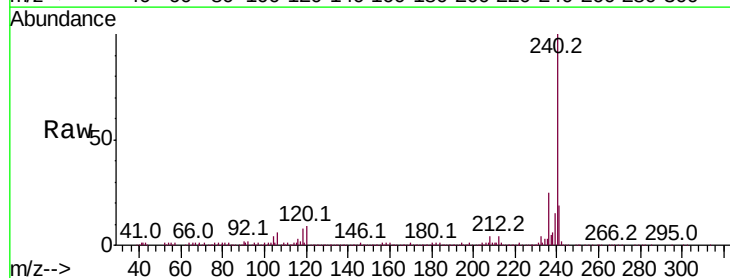


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

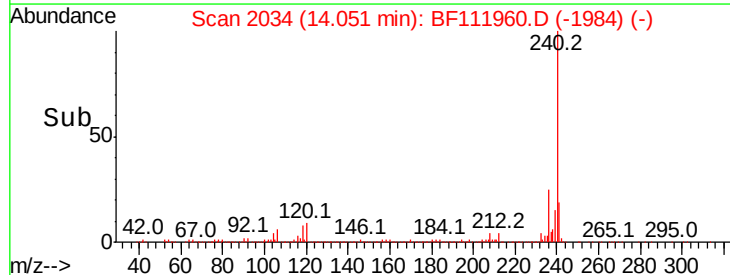
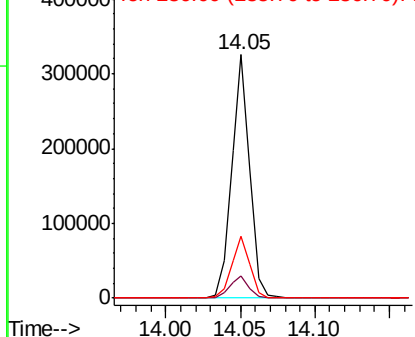


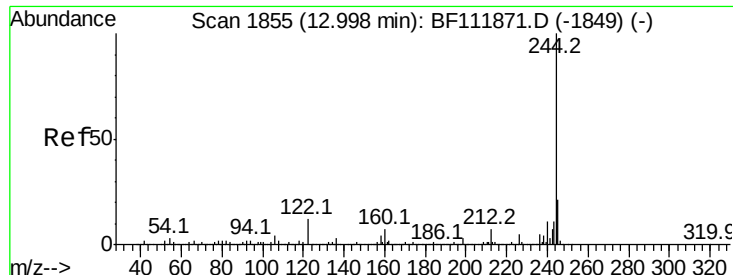
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF111960.D
 Acq: 9 Jan 2019 20:10

Tgt Ion:240 Resp: 276577
 Ion Ratio Lower Upper
 240 100
 120 9.1 8.2 12.2
 236 25.2 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

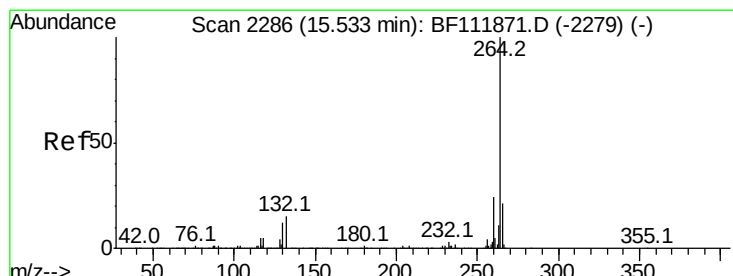
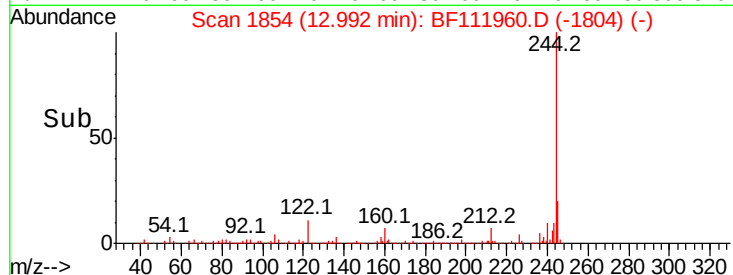
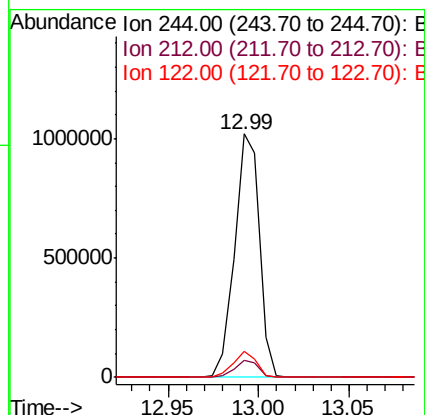
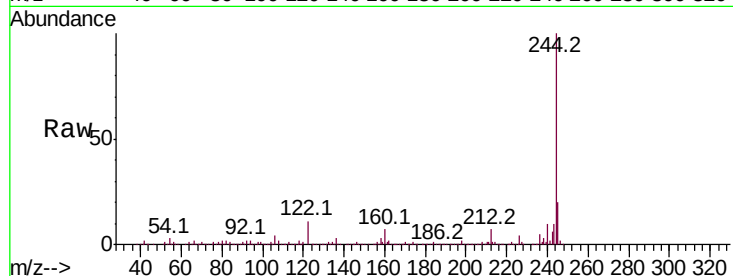




#79
 Terphenyl-d14
 Concen: 66.643 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF111960.D
 Acq: 9 Jan 2019 20:10

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	10.5	9.5	14.3



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. 0.01 min
 Lab File: BF111960.D
 Acq: 9 Jan 2019 20:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.3	17.1	25.7

