

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
 Data File : BF114809.D
 Acq On : 5 Jun 2019 9:59
 Operator : HP/JU
 Sample : K2641-18RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 05 11:39:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

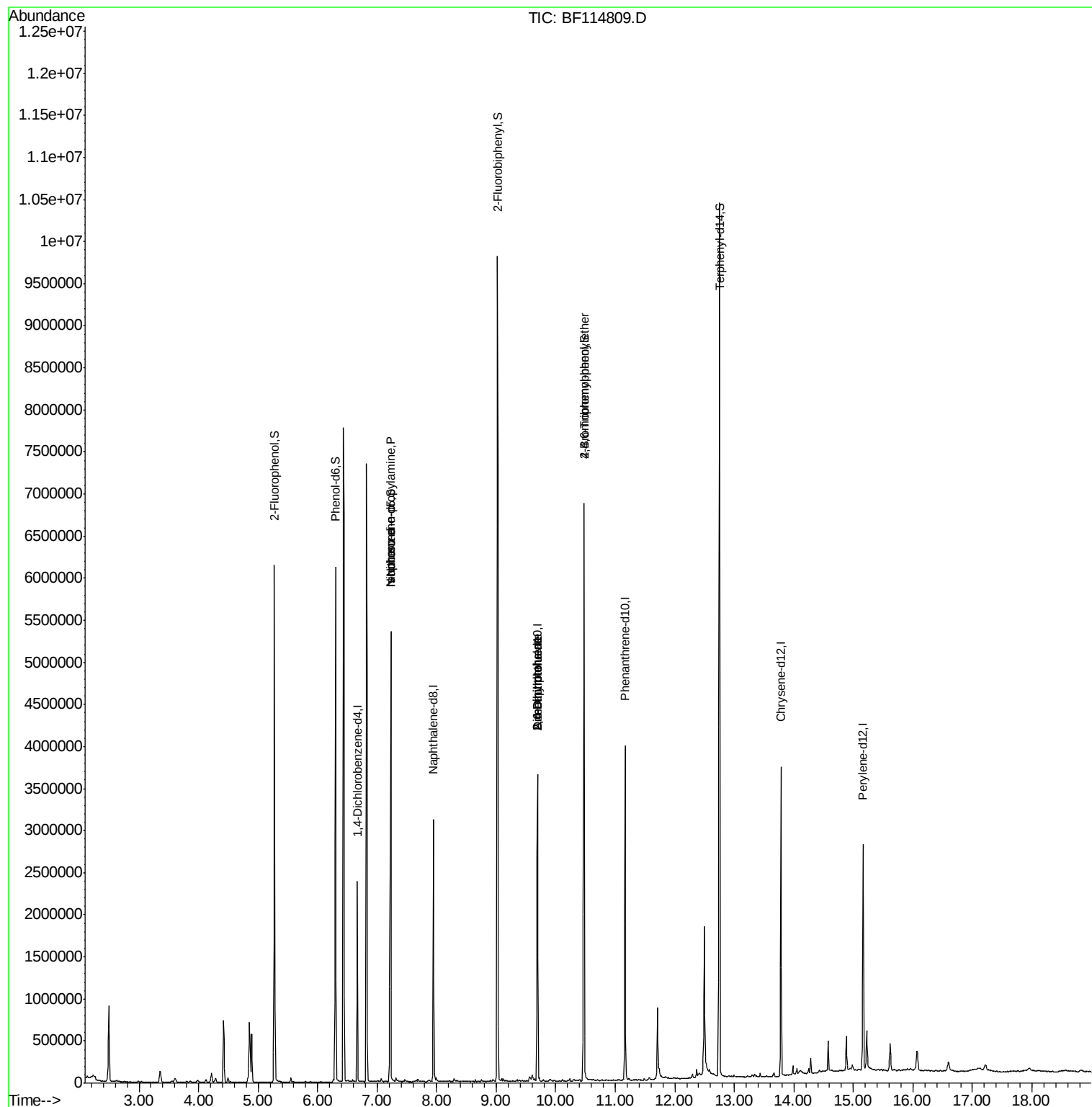
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	352582	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1355255	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	691034	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	1423991	20.00	ng	0.00
76) Chrysene-d12	13.79	240	1192305	20.00	ng	0.00
87) Perylene-d12	15.16	264	1149542	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2047763	101.48	ng	0.02
7) Phenol-d6	6.30	99	2137556	87.06	ng	0.00
23) Nitrobenzene-d5	7.23	82	1827645	83.02	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	940956	126.35	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	3277711	88.85	ng	0.00
79) Terphenyl-d14	12.75	244	4108110	67.01	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.23	70	245204	15.087	ng	# 77
25) Isophorone	7.23	82	1793941	41.217	ng	# 61
50) Dimethylphthalate	9.69	163	195655	3.877	ng	# 1
51) 2,6-Dinitrotoluene	9.69	165	90860	7.655	ng	# 33
57) 2,4-Dinitrotoluene	9.69	165	90860	6.089	ng	# 32
58) Fluorene	10.23	166	6680	Below Cal		97
67) 4-Bromophenyl-phenylether	10.47	248	59818	3.699	ng	# 1

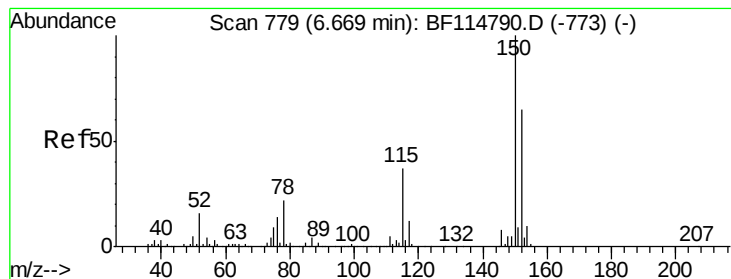
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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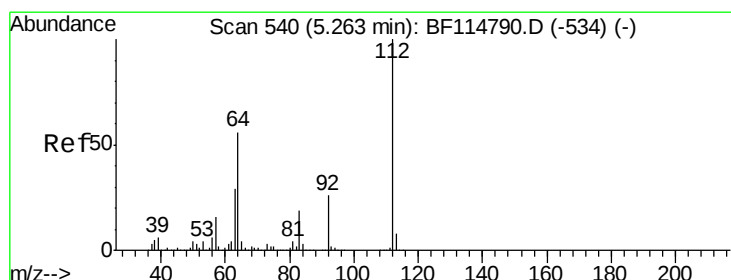
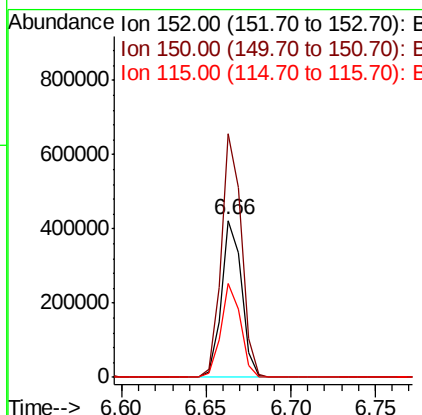
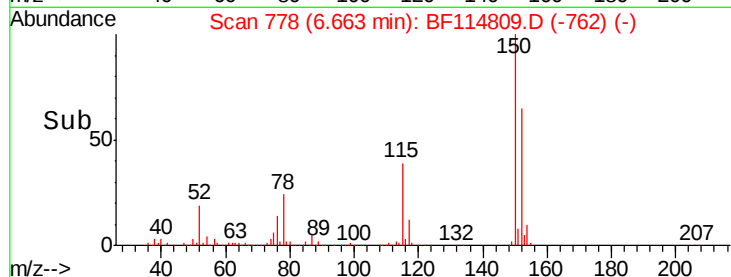
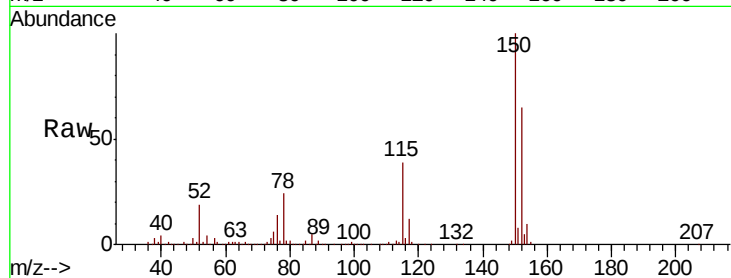


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF114809.D
Acq: 5 Jun 2019 9:59

Instrument :
BNA_F
ClientSampleId :

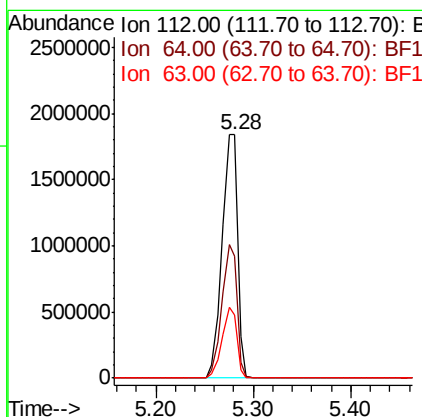
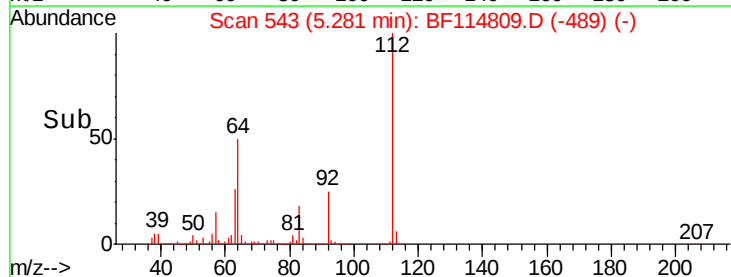
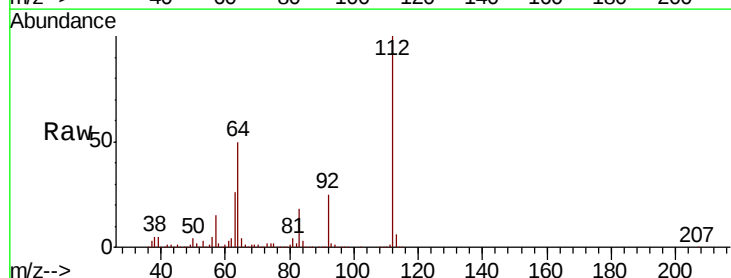
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.0	186.0
115	59.7	46.3	69.5

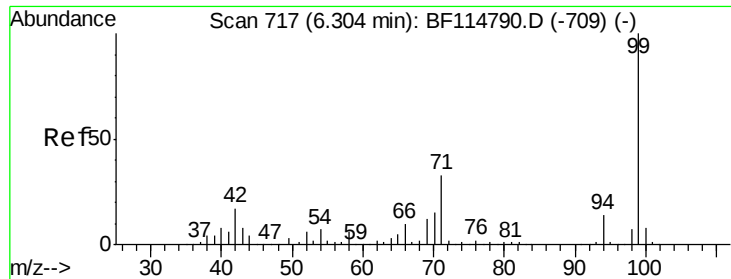


#5

2-Fluorophenol
Concen: 101.485 ng
RT: 5.28 min Scan# 543
Delta R.T. 0.02 min
Lab File: BF114809.D
Acq: 5 Jun 2019 9:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.0	44.6	66.8
63	25.9	23.0	34.4





#7

Phenol-d6

Concen: 87.060 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF114809.D

Acq: 5 Jun 2019 9:59

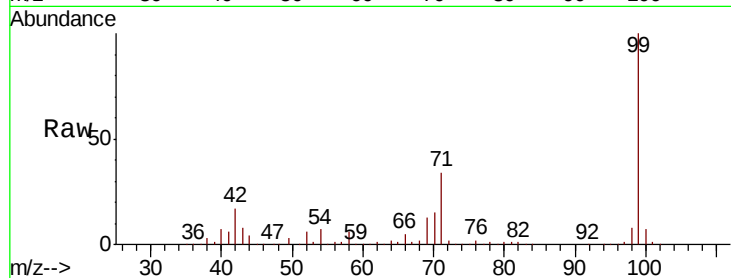
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 2137556

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.3	19.9
71	34.1	26.3	39.5

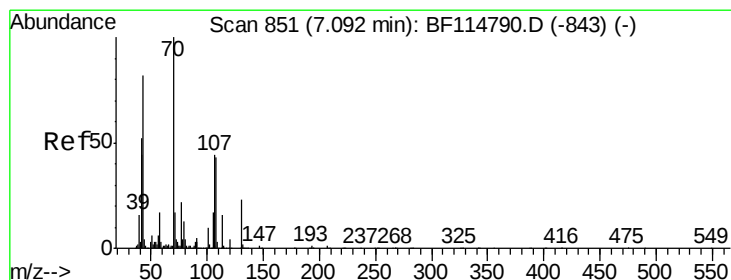
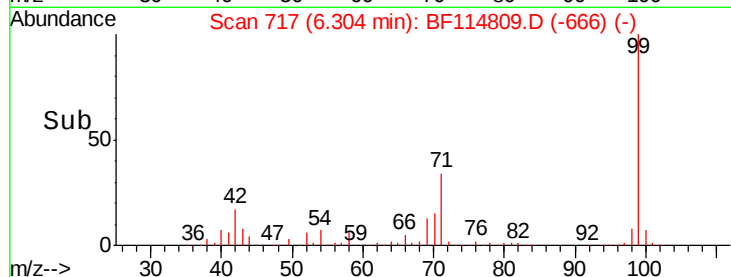
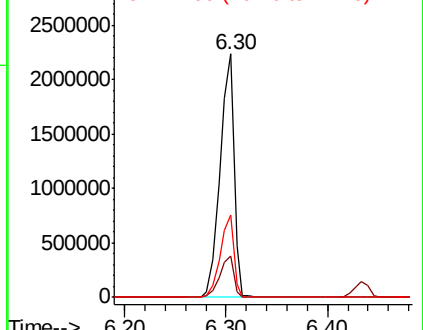


Abundance

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: 15.087 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.14 min

Lab File: BF114809.D

Acq: 5 Jun 2019 9:59

Tgt Ion: 70 Resp: 245204

Ion	Ratio	Lower	Upper
70	100		
42	42.9	41.8	62.8
101	0.0	8.2	12.4#
130	2.5	18.5	27.7#

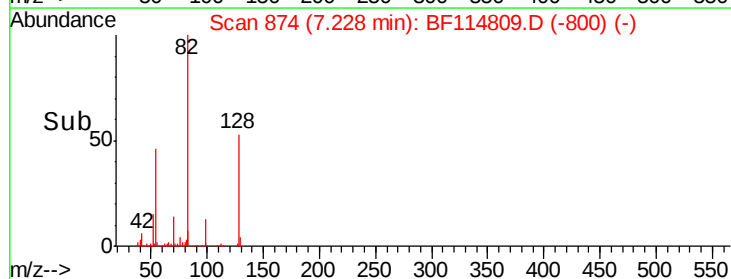
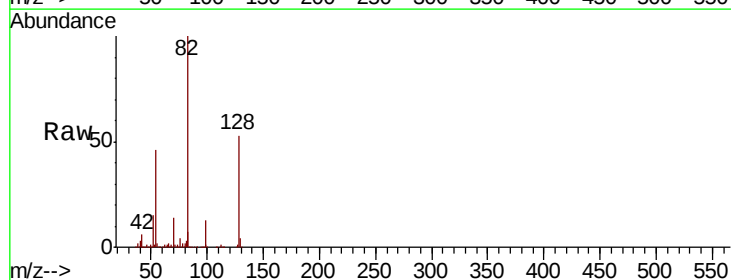
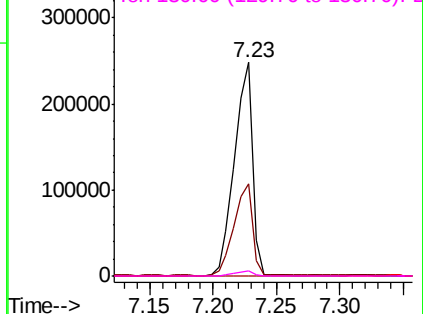
Abundance

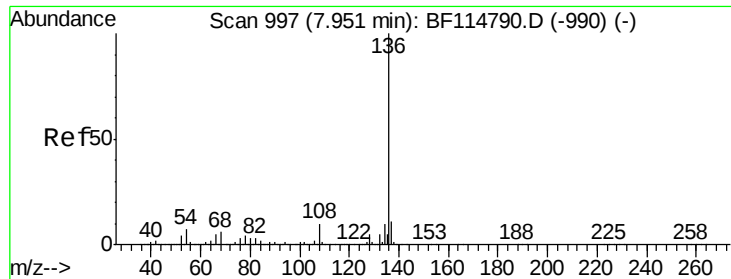
Ion 70.00 (69.70 to 70.70): BF1

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

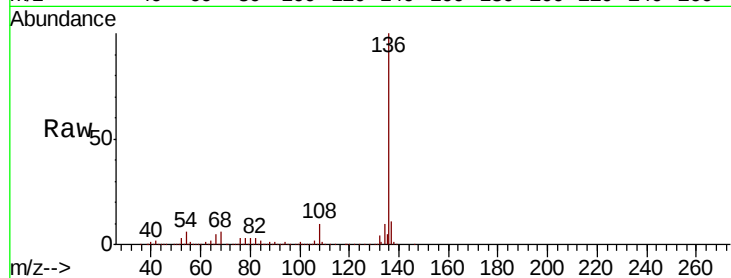




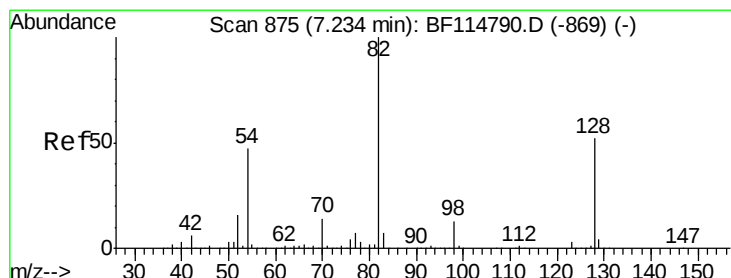
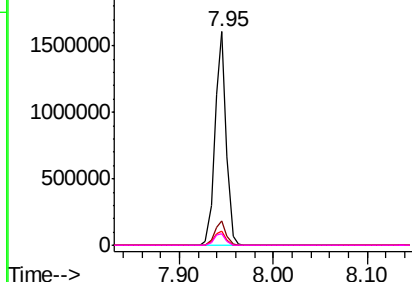
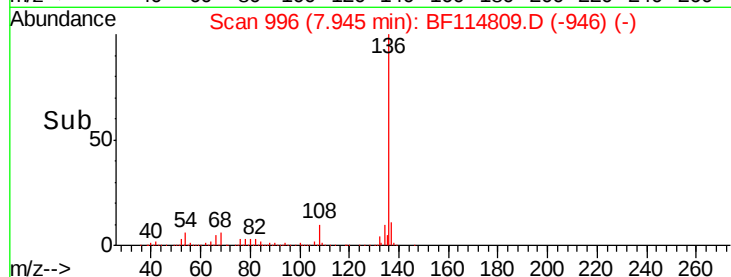
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF114809.D
Acq: 5 Jun 2019 9:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp: 1355255
Ion Ratio	Lower Upper
136 100	
137 11.2	9.1 13.7
54 6.4	5.4 8.0
68 5.5	4.6 6.8

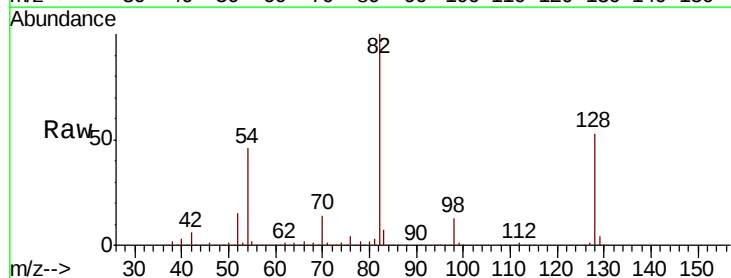


Abundance Ion 136.00 (135.70 to 136.70): E
2500000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

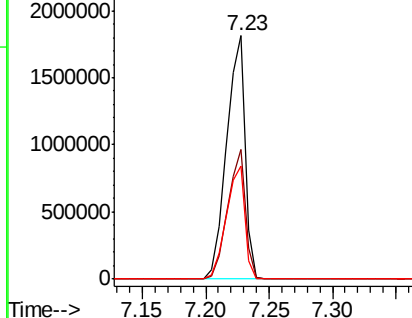
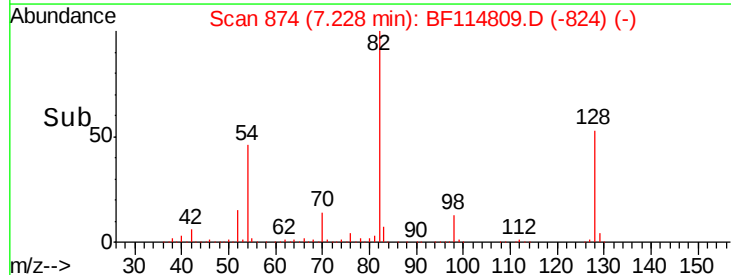


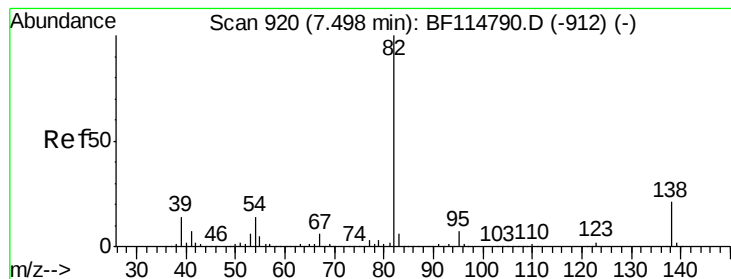
#23
Nitrobenzene-d5
Concen: 83.015 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF114809.D
Acq: 5 Jun 2019 9:59

Tgt	Ion: 82	Resp: 1827645	
Ion	Ratio	Lower	Upper
82	100		
128	53.0	41.8	62.6
54	46.2	37.9	56.9



Abundance Ion 82.00 (81.70 to 82.70): BF1
2500000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 41.217 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.27 min

Lab File: BF114809.D

Acq: 5 Jun 2019 9:59

Instrument :

BNA_F

ClientSampled :

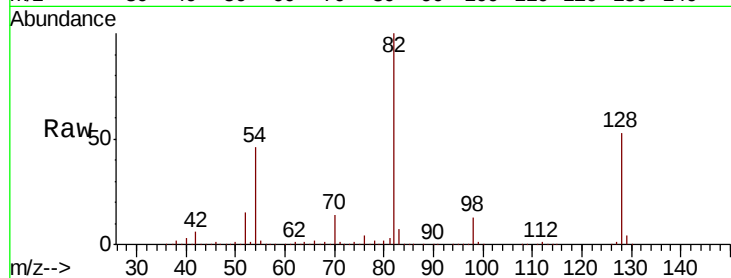
Tot Ion: 82 Resp: 1793941

Ion Ratio Lower Upper

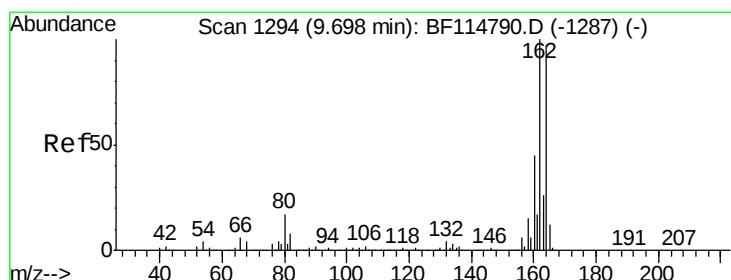
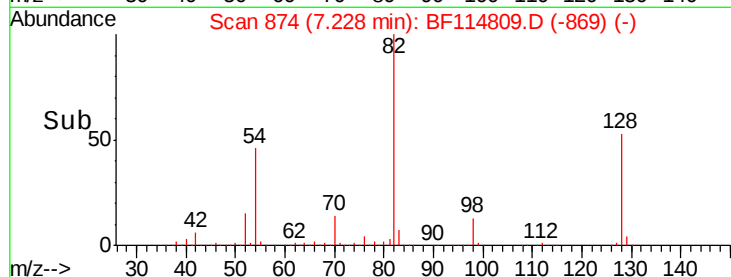
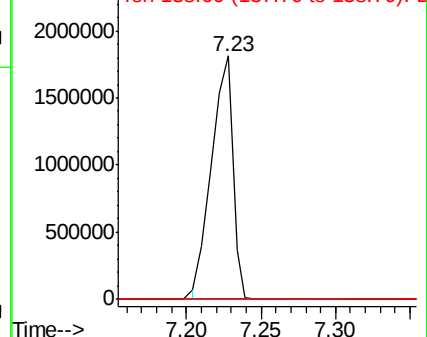
82 100

95 0.0 5.8 8.8#

138 0.0 16.9 25.3#



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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF114809.D

Acq: 5 Jun 2019 9:59

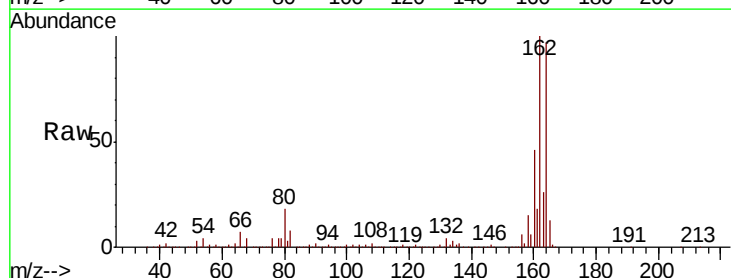
Tgt Ion: 164 Resp: 691034

Ion Ratio Lower Upper

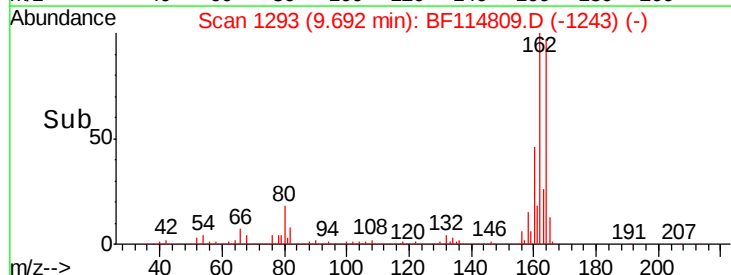
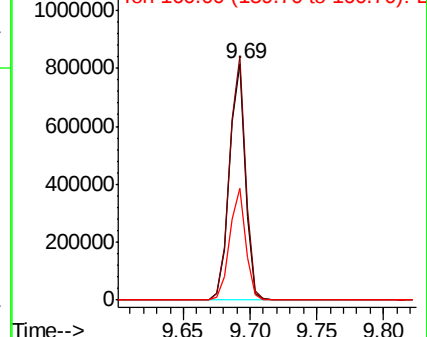
164 100

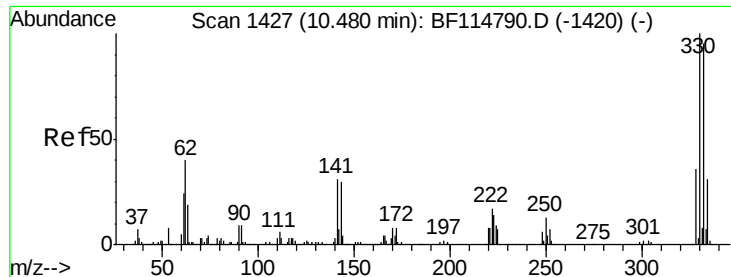
162 102.9 82.3 123.5

160 47.0 36.7 55.1



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

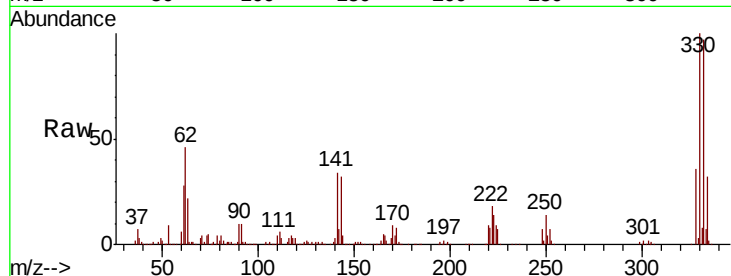




#42
 2,4,6-Tribromophenol
 Concen: 126.354 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BF114809.D
 Acq: 5 Jun 2019 9:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.3	115.9
141	33.0	26.2	39.4

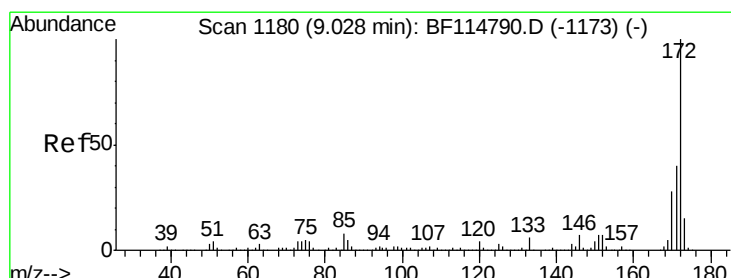
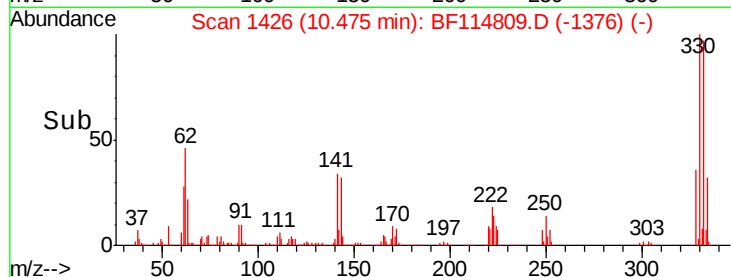
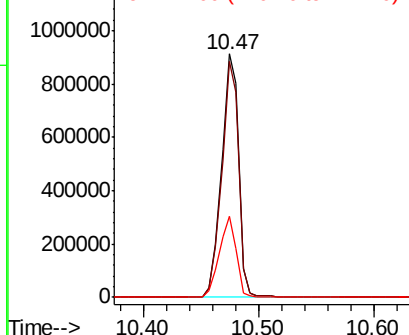


Abundance

Ion 329.80 (329.50 to 330.50): E

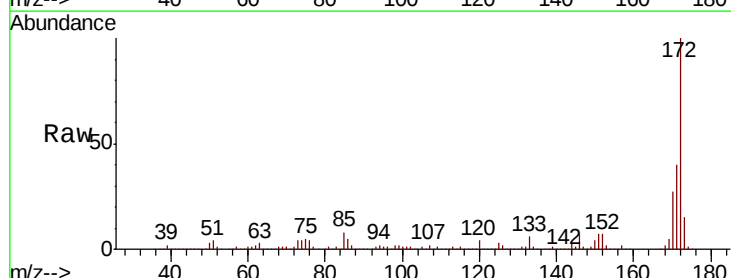
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 88.853 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF114809.D
 Acq: 5 Jun 2019 9:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.6	32.3	48.5
170	27.0	22.4	33.6

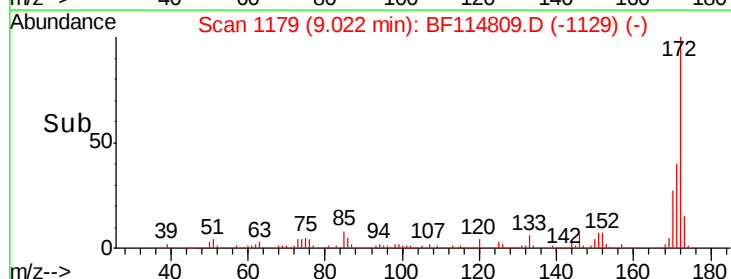
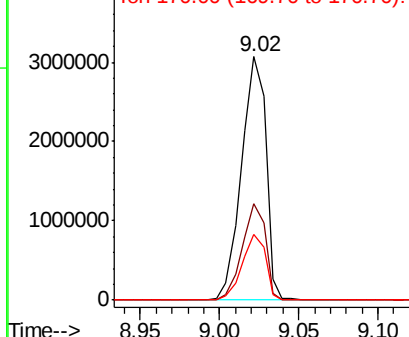


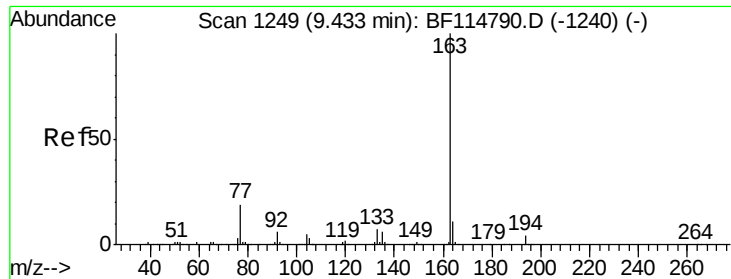
Abundance

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: 3.877 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.26 min

Lab File: BF114809.D

Acq: 5 Jun 2019 9:59

Instrument :

BNA_F

ClientSampled :

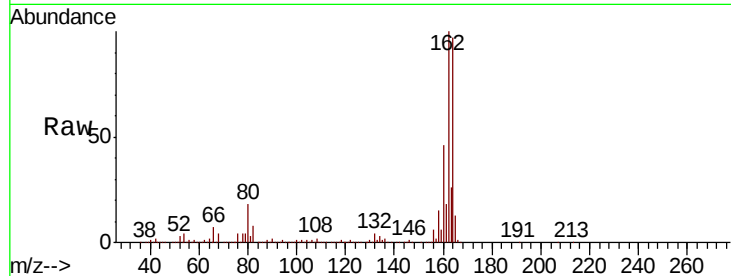
Tot Ion:163 Resp: 195655

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.2#

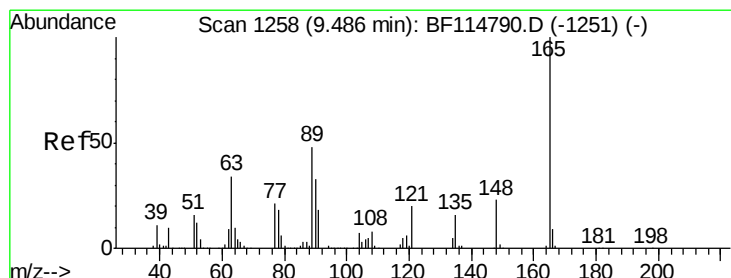
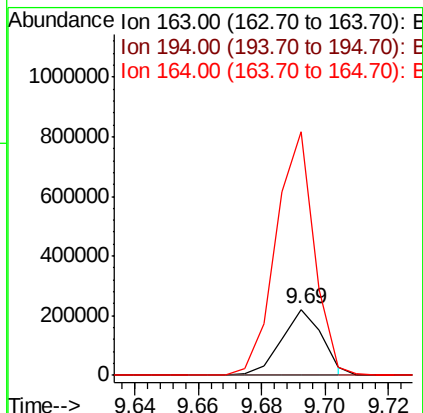
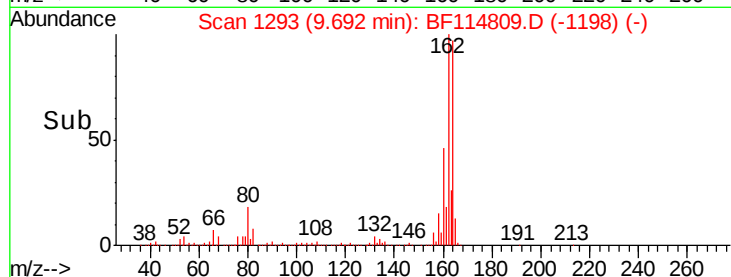
164 367.8 8.6 13.0#



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



#51

2,6-Dinitrotoluene

Concen: 7.655 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.21 min

Lab File: BF114809.D

Acq: 5 Jun 2019 9:59

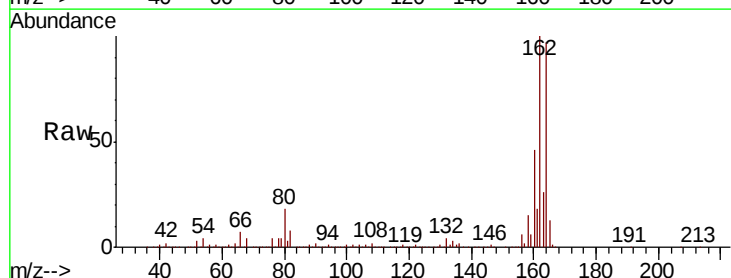
Tgt Ion:165 Resp: 90860

Ion Ratio Lower Upper

165 100

63 1.0 35.1 52.7#

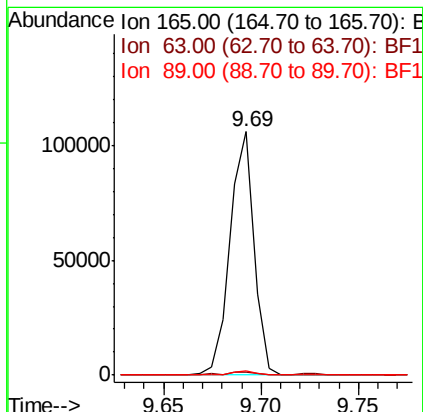
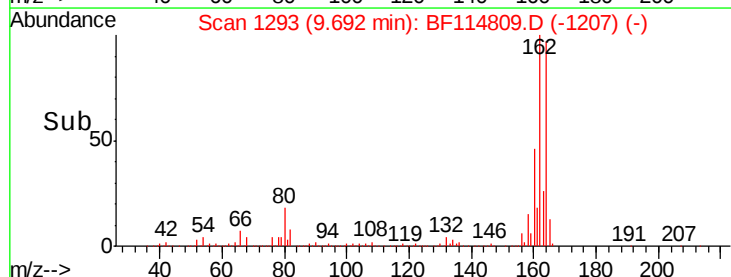
89 1.6 38.2 57.2#

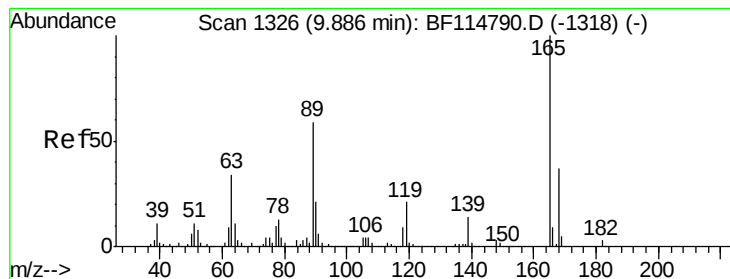


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#57

2,4-Dinitrotoluene

Concen: 6.089 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.19 min

Lab File: BF114809.D

Acq: 5 Jun 2019 9:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 90860

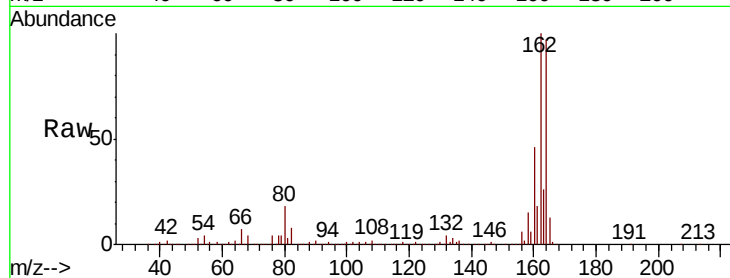
Ion Ratio Lower Upper

165 100

63 1.0 27.0 40.4#

89 1.6 47.0 70.6#

182 0.0 2.2 3.2#

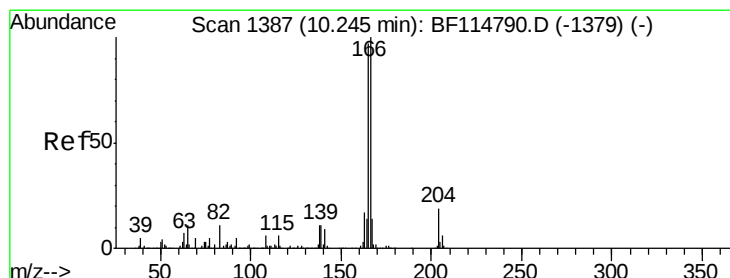
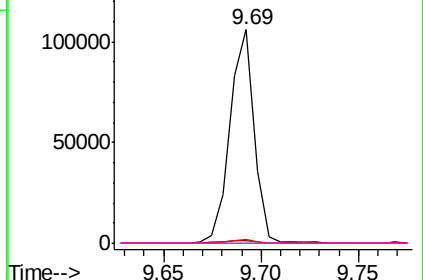
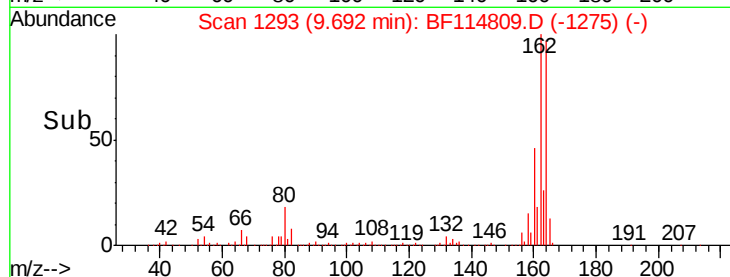


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: Below Cal

RT: 10.23 min Scan# 1385

Delta R.T. -0.01 min

Lab File: BF114809.D

Acq: 5 Jun 2019 9:59

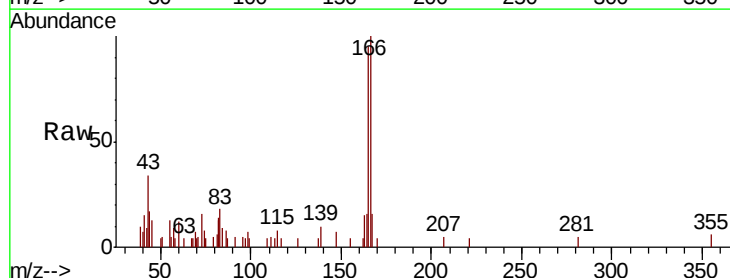
Tgt Ion:166 Resp: 6680

Ion Ratio Lower Upper

166 100

165 94.6 77.9 116.9

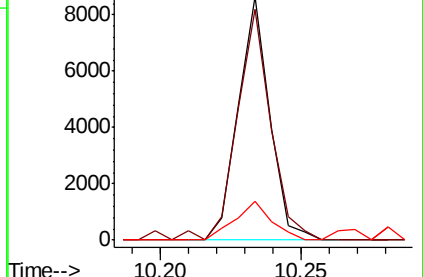
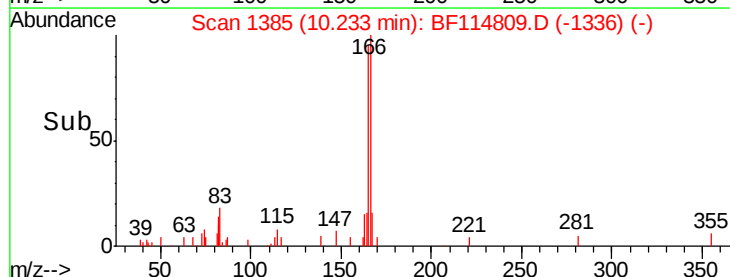
167 15.8 11.3 16.9

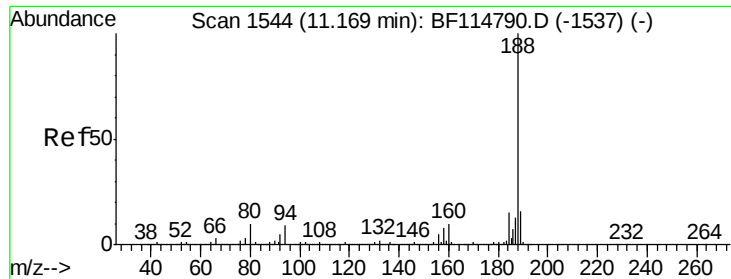


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

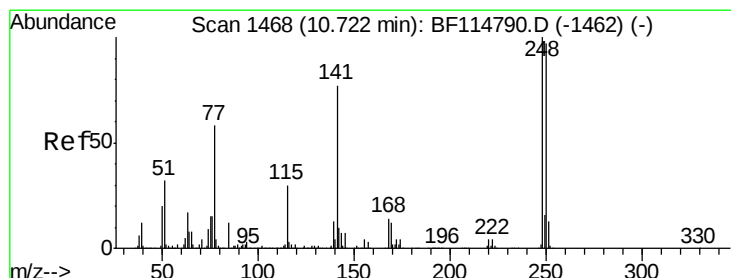
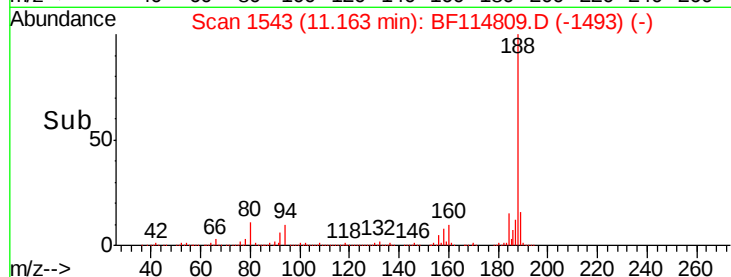
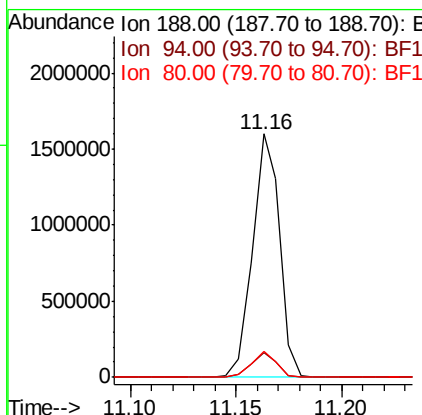
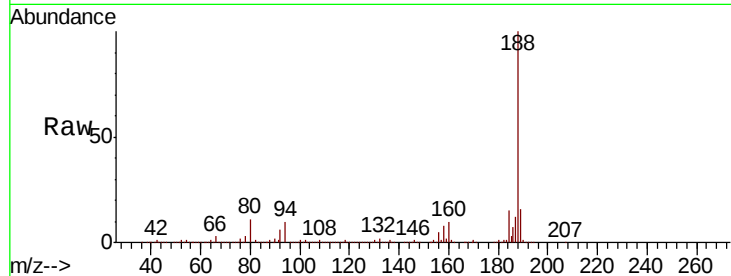




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF114809.D
Acq: 5 Jun 2019 9:59

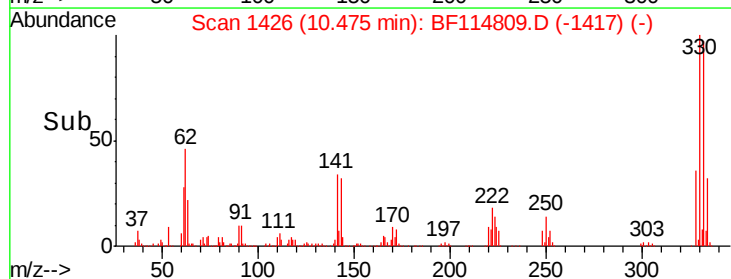
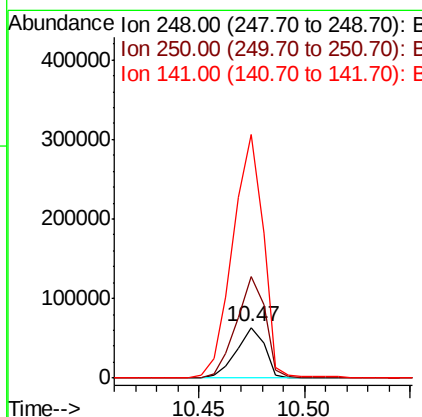
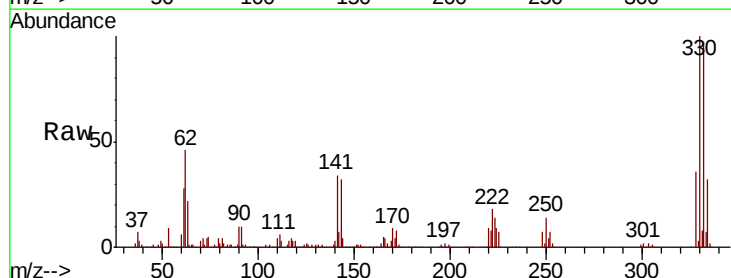
Instrument :
BNA_F
ClientSampleId :

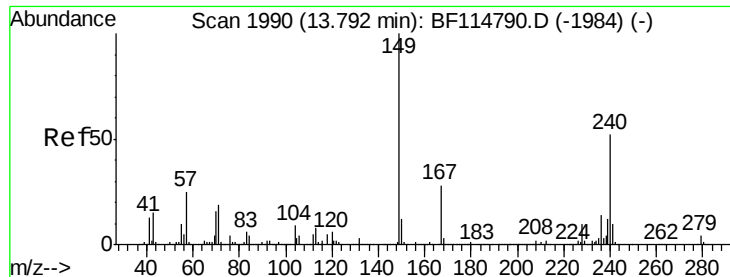
Tot Ion:188 Resp: 1423991
Ion Ratio Lower Upper
188 100
94 10.4 7.6 11.4
80 10.6 8.3 12.5



#67
4-Bromophenyl-phenylether
Concen: 3.699 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.25 min
Lab File: BF114809.D
Acq: 5 Jun 2019 9:59

Tgt Ion:248 Resp: 59818
Ion Ratio Lower Upper
248 100
250 199.1 77.5 116.3#
141 479.6 61.8 92.8#

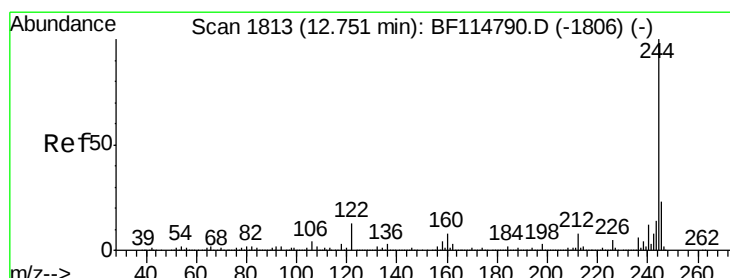
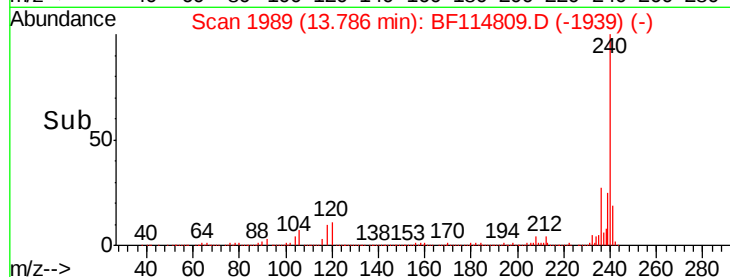
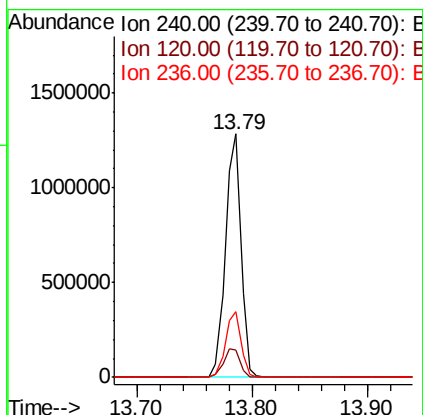
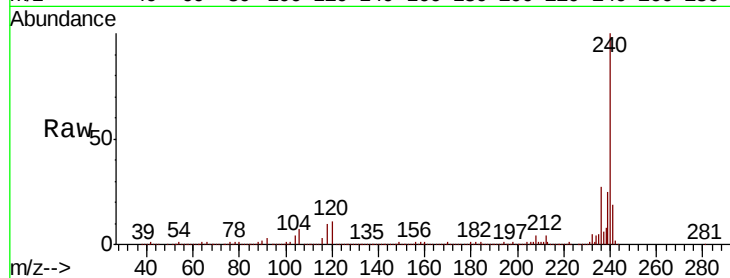




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.01 min
 Lab File: BF114809.D
 Acq: 5 Jun 2019 9:59

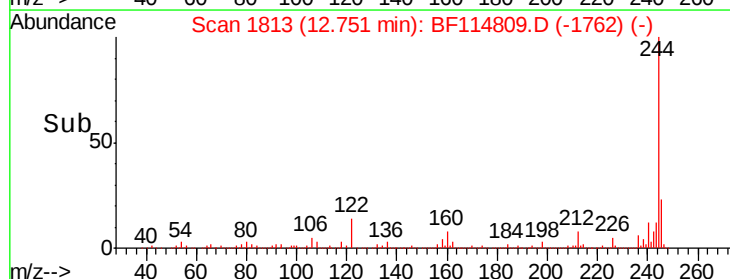
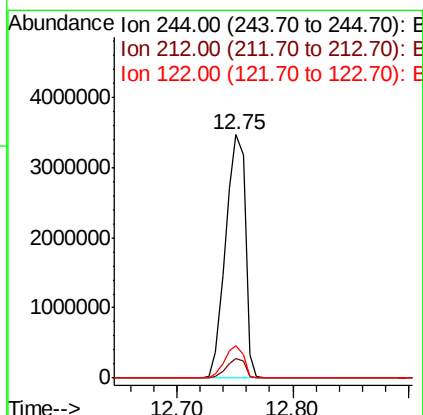
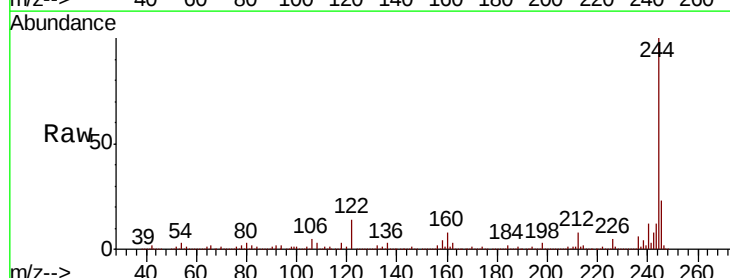
Instrument :
 BNA_F
 ClientSampleId :

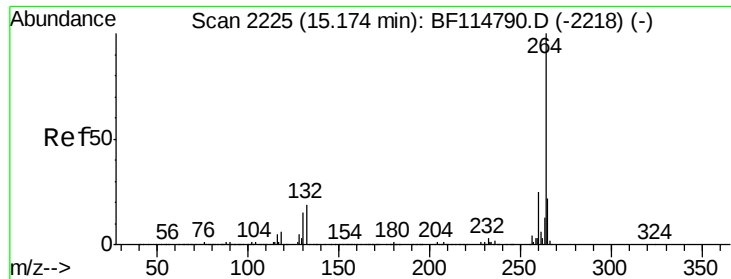
Tot Ion:240 Resp: 1192305
 Ion Ratio Lower Upper
 240 100
 120 11.3 9.0 13.4
 236 27.1 21.4 32.0



#79
 Terphenyl-d14
 Concen: 67.007 ng
 RT: 12.75 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: BF114809.D
 Acq: 5 Jun 2019 9:59

Tgt Ion:244 Resp: 4108110
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 13.5 10.5 15.7





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF114809.D
Acq: 5 Jun 2019 9:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 264 Resp: 1149542

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.1	30.1
265	22.2	17.7	26.5

