

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
 Data File : BF114810.D
 Acq On : 5 Jun 2019 10:26
 Operator : HP/JU
 Sample : K3135-02RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 05 11:39:59 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

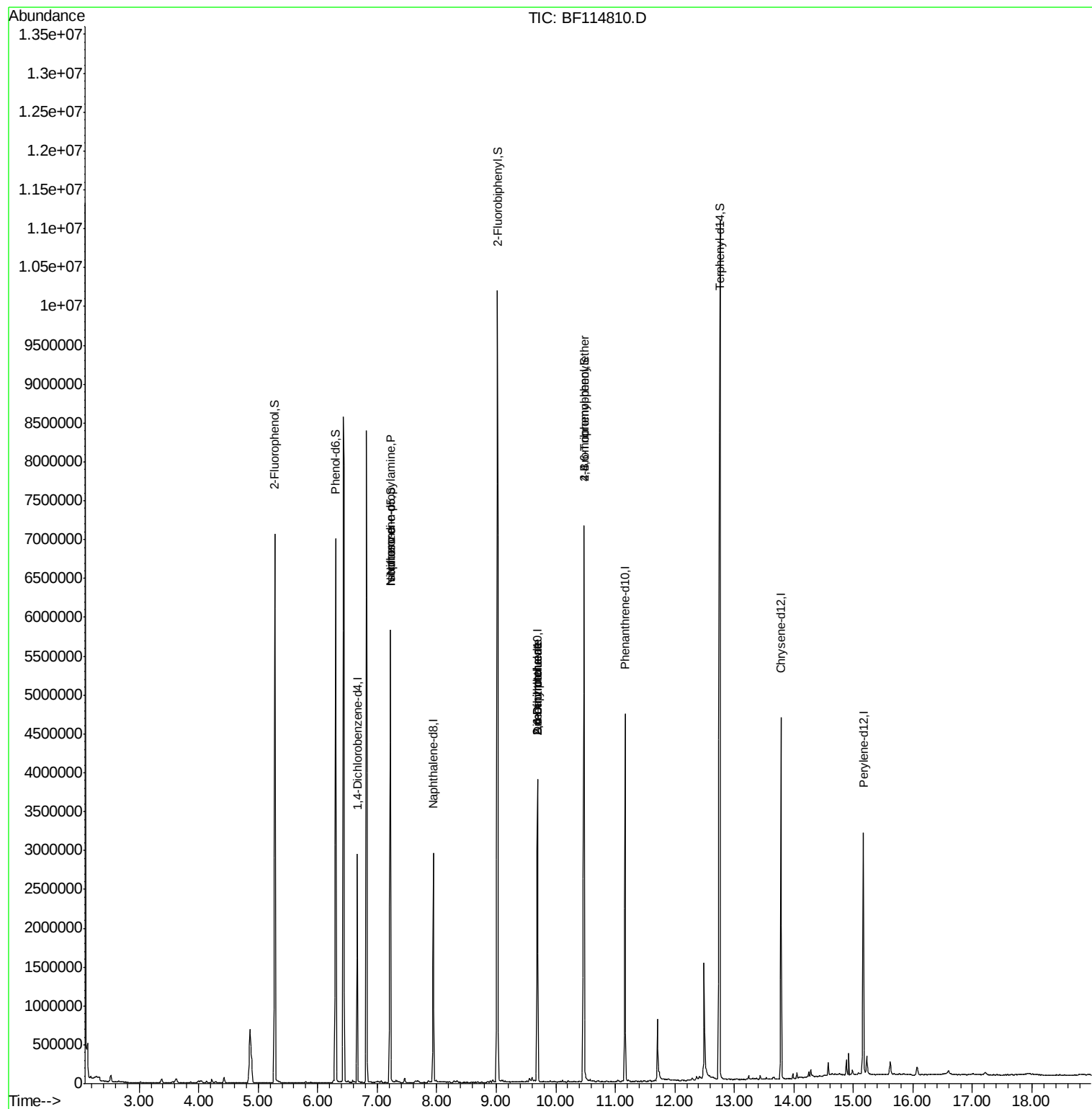
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	412765	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1606883	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	830635	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	1714484	20.00	ng	0.00
76) Chrysene-d12	13.79	240	1455137	20.00	ng	0.00
87) Perylene-d12	15.17	264	1415307	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2537192	107.41	ng	0.02
7) Phenol-d6	6.30	99	2779524	96.70	ng	0.00
23) Nitrobenzene-d5	7.22	82	2139533	81.96	ng	-0.01
42) 2,4,6-Tribromophenol	10.48	330	1144087	127.81	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	4047156	91.27	ng	0.00
79) Terphenyl-d14	12.76	244	4671121	62.43	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.22	70	290912	15.289	ng	# 78
25) Isophorone	7.22	82	2041587	39.562	ng	# 61
50) Dimethylphthalate	9.69	163	238367	3.929	ng	# 1
51) 2,6-Dinitrotoluene	9.69	165	107359	7.525	ng	# 33
57) 2,4-Dinitrotoluene	9.69	165	107359	5.986	ng	# 33
58) Fluorene	10.23	166	1542	Below Cal		# 70
67) 4-Bromophenyl-phenylether	10.47	248	74508	3.826	ng	# 1

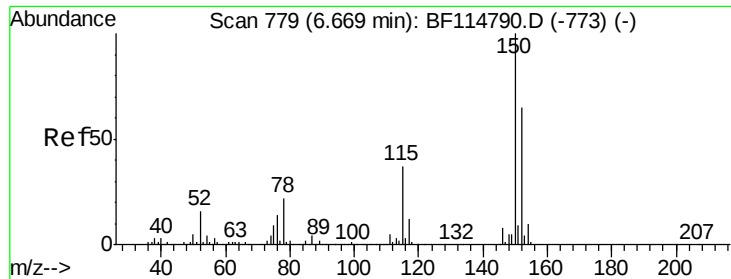
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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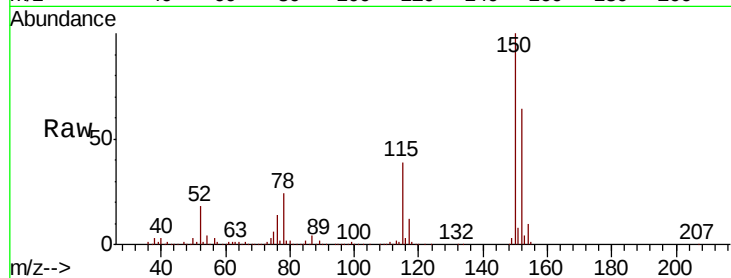


#1

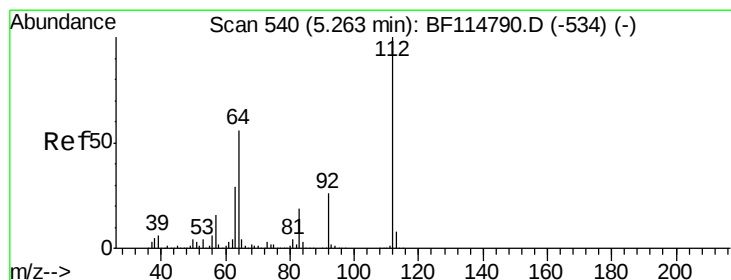
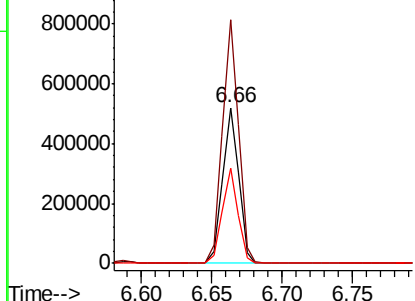
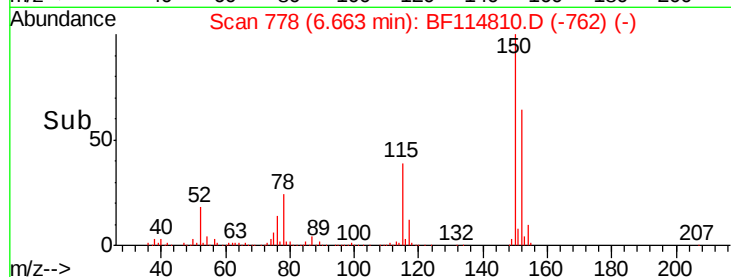
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF114810.D
Acq: 5 Jun 2019 10:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 412765
Ion Ratio Lower Upper
152 100
150 156.3 124.0 186.0
115 60.7 46.3 69.5



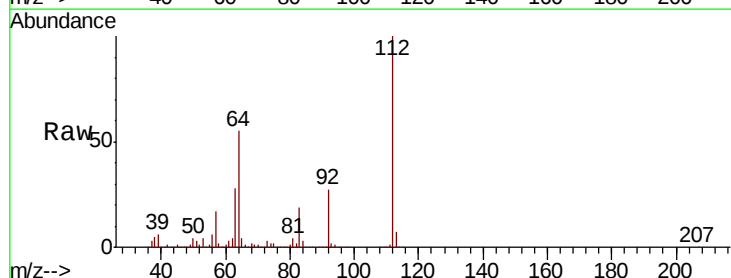
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



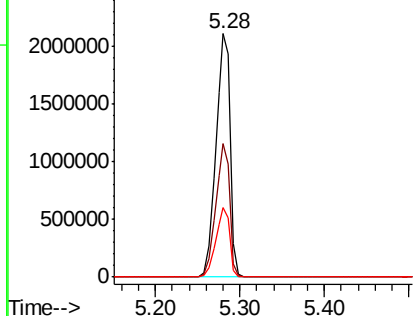
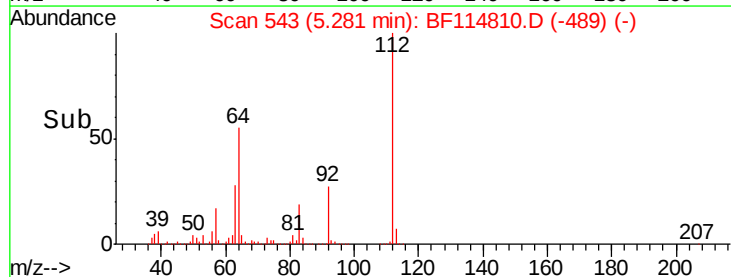
#5

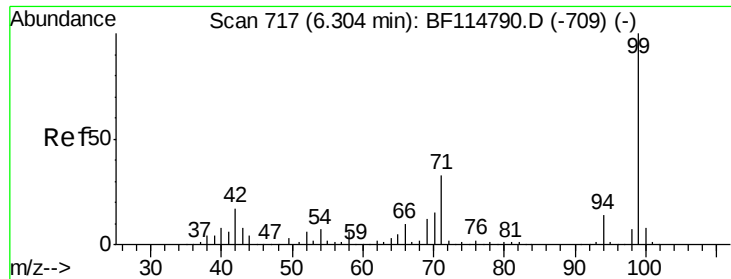
2-Fluorophenol
Concen: 107.407 ng
RT: 5.28 min Scan# 543
Delta R.T. 0.02 min
Lab File: BF114810.D
Acq: 5 Jun 2019 10:26

Tgt Ion:112 Resp: 2537192
Ion Ratio Lower Upper
112 100
64 54.8 44.6 66.8
63 28.3 23.0 34.4



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: 96.700 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF114810.D

Acq: 5 Jun 2019 10:26

Instrument :

BNA_F

ClientSampleId :

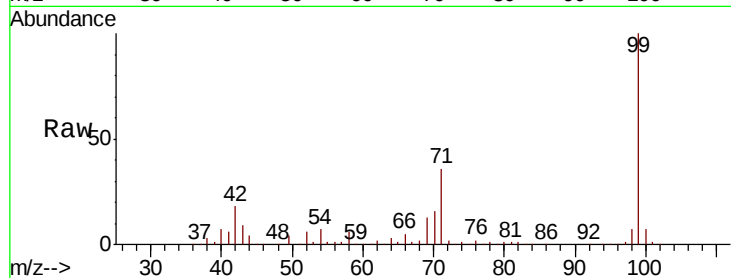
Tot Ion: 99 Resp: 2779524

Ion Ratio Lower Upper

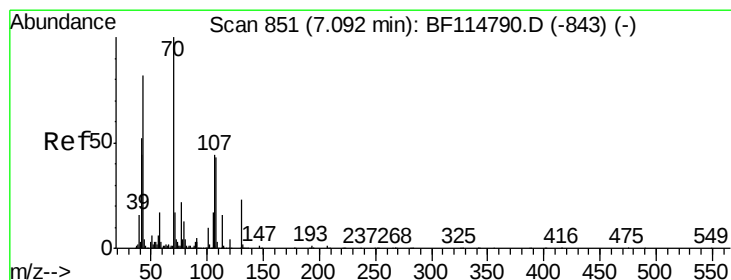
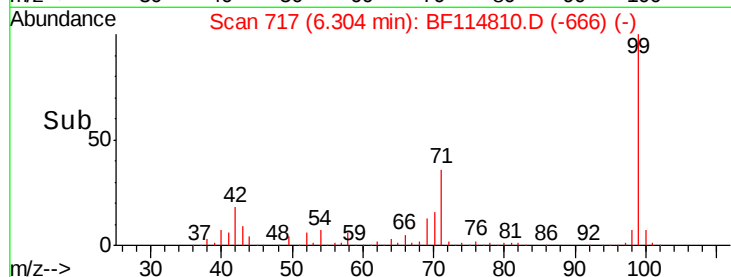
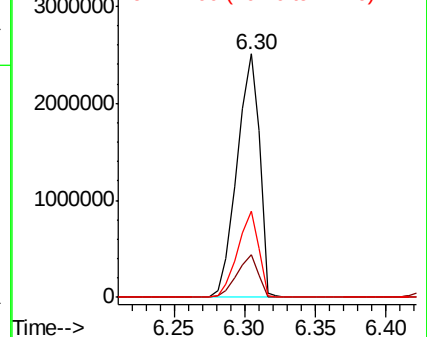
99 100

42 17.6 13.3 19.9

71 35.6 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: 15.289 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.13 min

Lab File: BF114810.D

Acq: 5 Jun 2019 10:26

Tgt Ion: 70 Resp: 290912

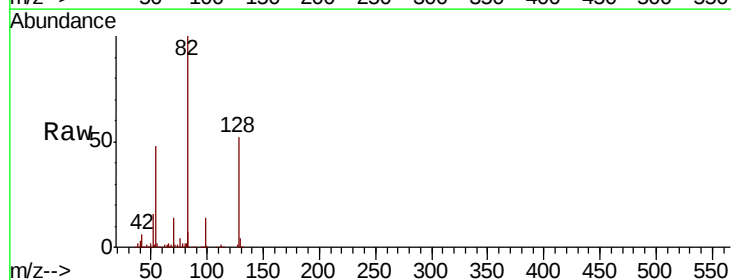
Ion Ratio Lower Upper

70 100

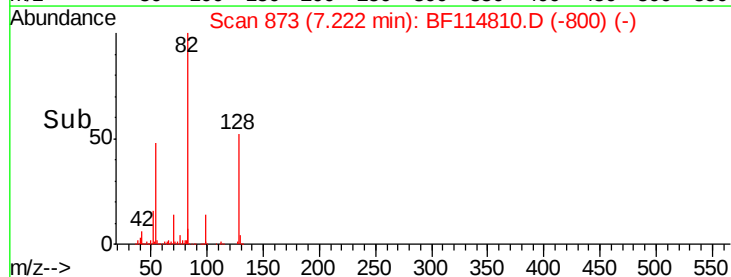
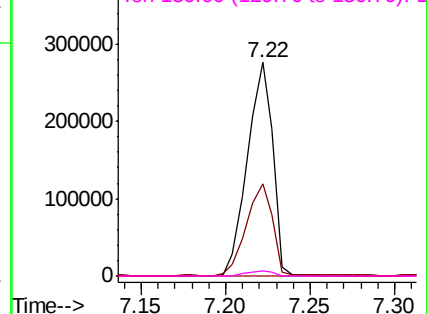
42 43.4 41.8 62.8

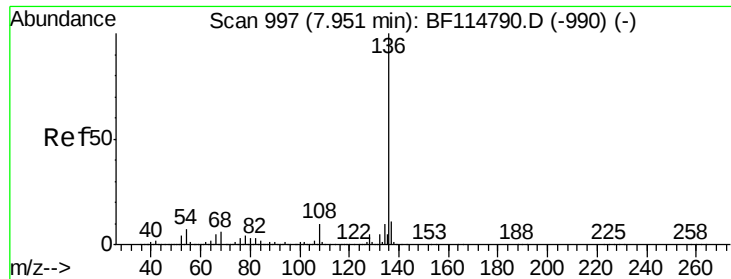
101 0.0 8.2 12.4#

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

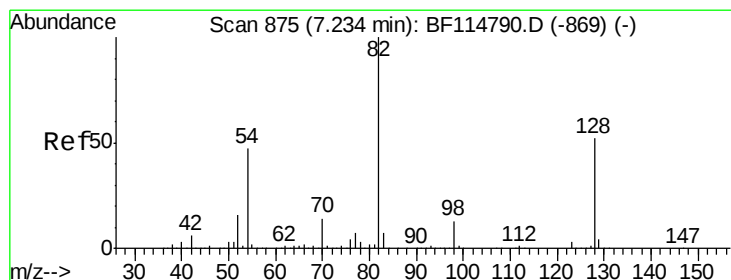
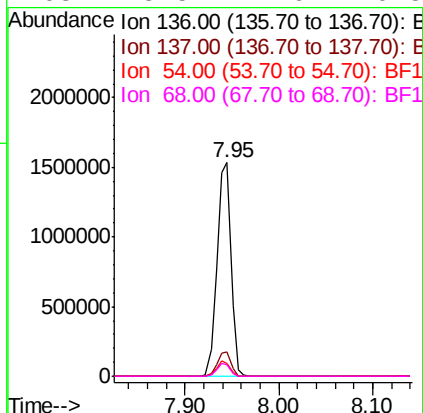
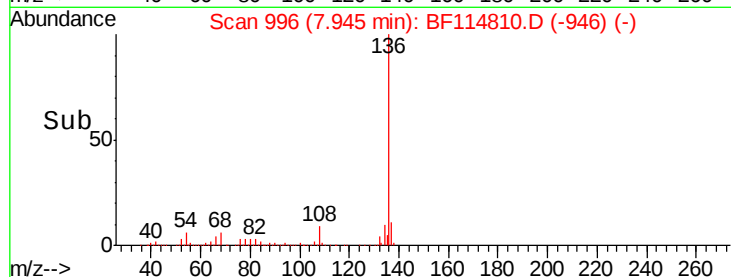
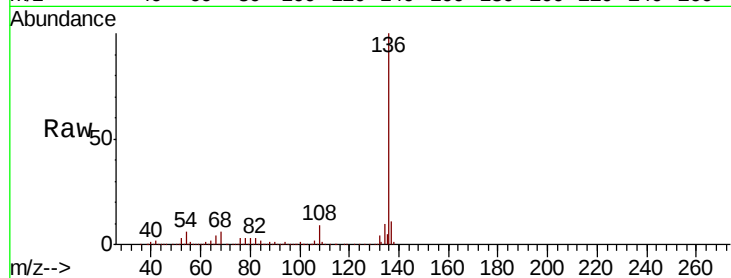




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF114810.D
Acq: 5 Jun 2019 10:26

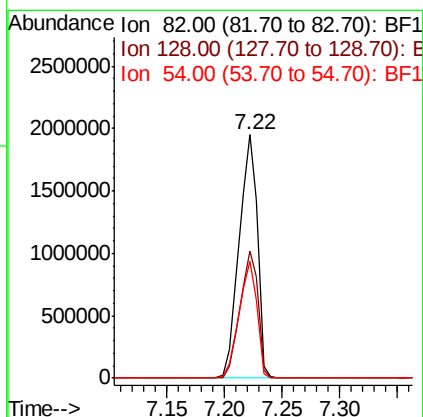
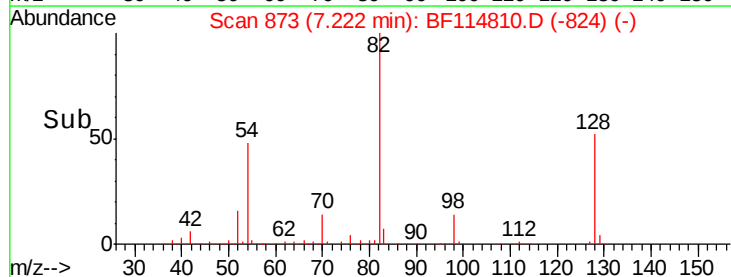
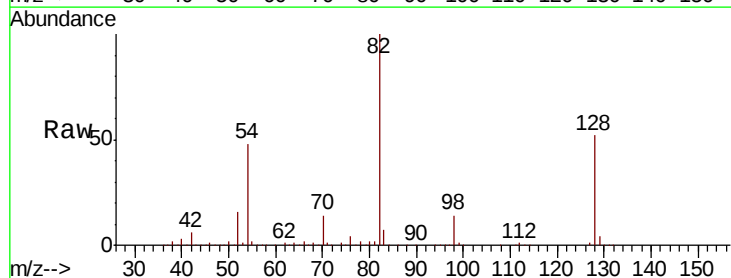
Instrument :
BNA_F
ClientSampleId :

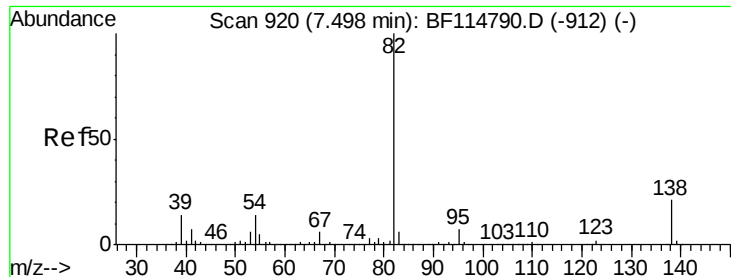
Tot Ion:136	Resp: 1606883
Ion Ratio	Lower Upper
136 100	
137 11.2	9.1 13.7
54 6.2	5.4 8.0
68 5.5	4.6 6.8



#23
Nitrobenzene-d5
Concen: 81.964 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114810.D
Acq: 5 Jun 2019 10:26

Tgt Ion: 82	Resp: 2139533
Ion Ratio	Lower Upper
82 100	
128 52.0	41.8 62.6
54 48.1	37.9 56.9





#25

Isophorone

Concen: 39.562 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.28 min

Lab File: BF114810.D

Acq: 5 Jun 2019 10:26

Instrument :

BNA_F

ClientSampled :

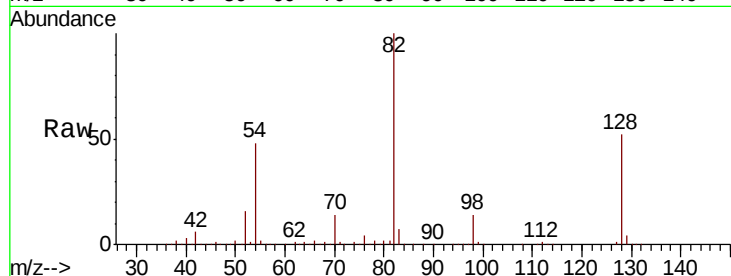
Tot Ion: 82 Resp: 2041587

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

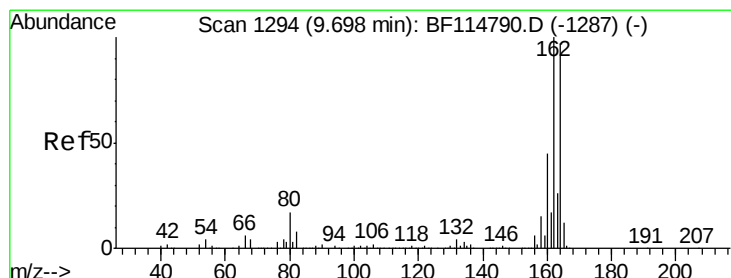
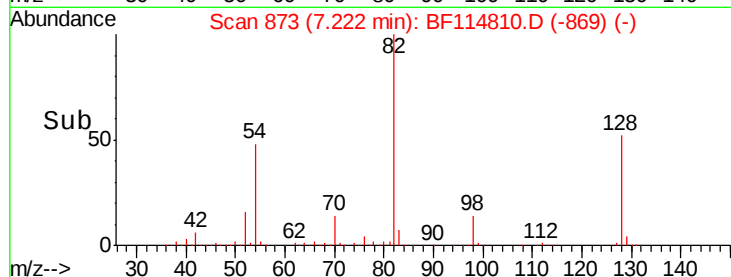
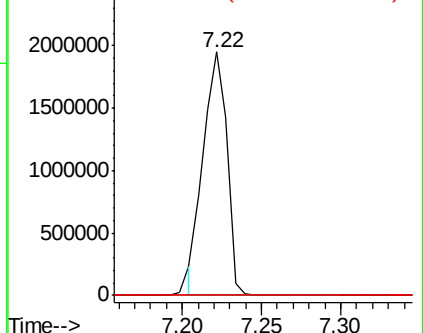
138 0.0 16.9 25.3#



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): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF114810.D

Acq: 5 Jun 2019 10:26

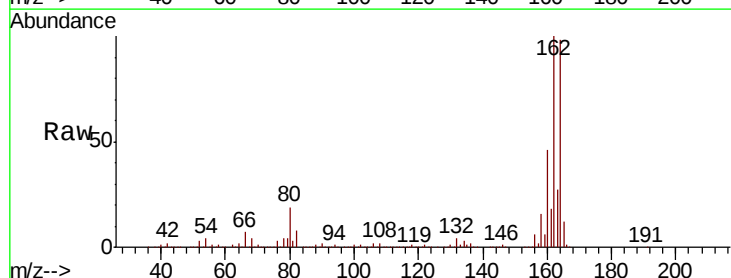
Tgt Ion: 164 Resp: 830635

Ion Ratio Lower Upper

164 100

162 101.6 82.3 123.5

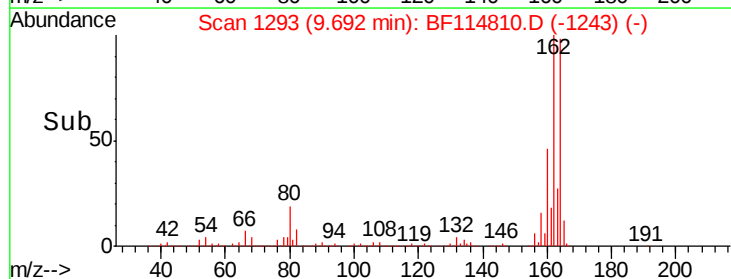
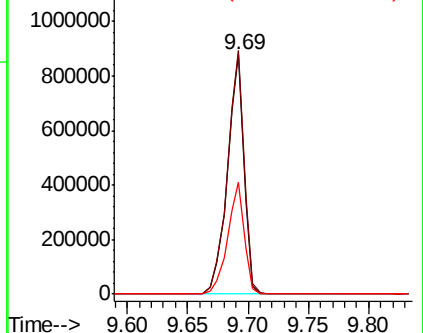
160 46.4 36.7 55.1

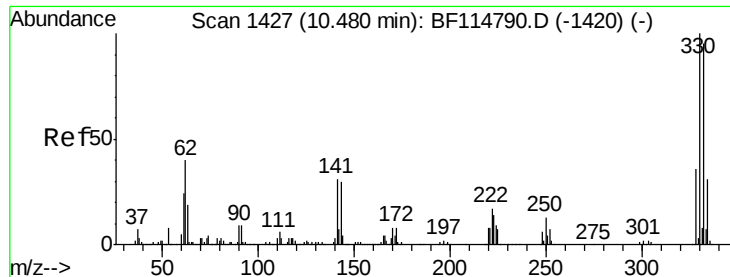


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



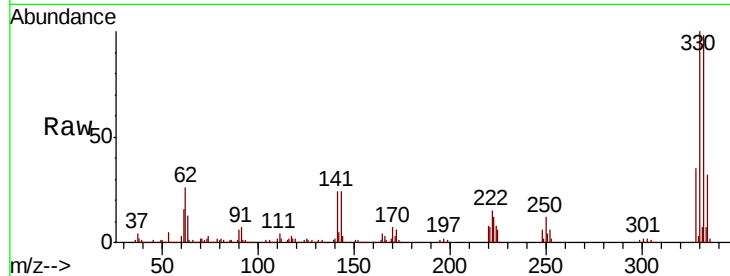


#42
 2,4,6-Tribromophenol
 Concen: 127.811 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: BF114810.D
 Acq: 5 Jun 2019 10:26

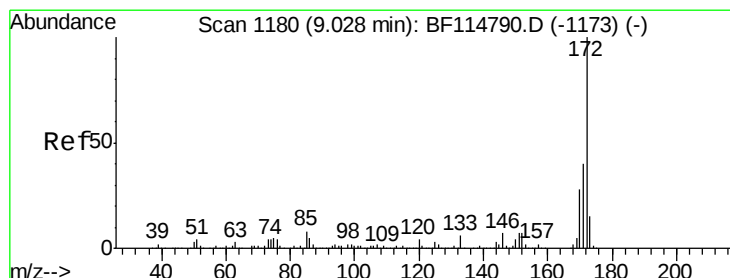
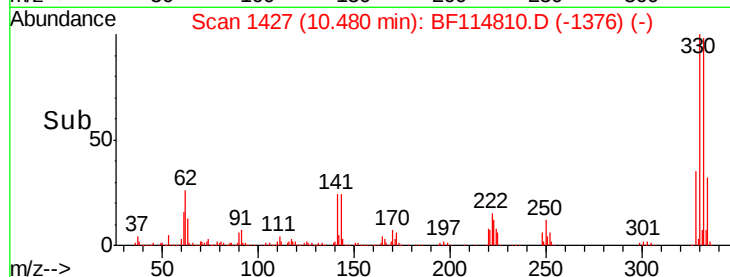
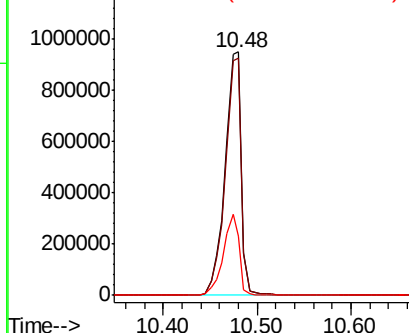
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 1144087

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	32.5	26.2	39.4



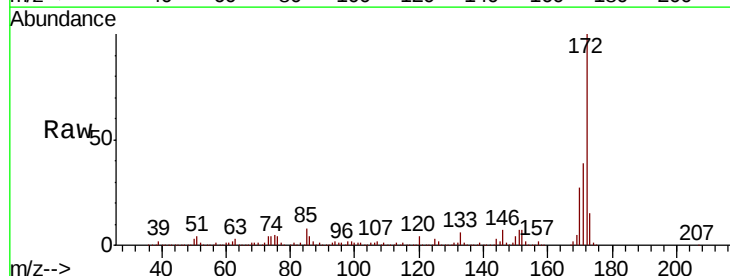
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



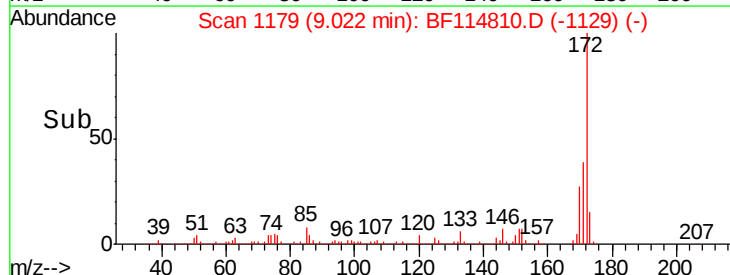
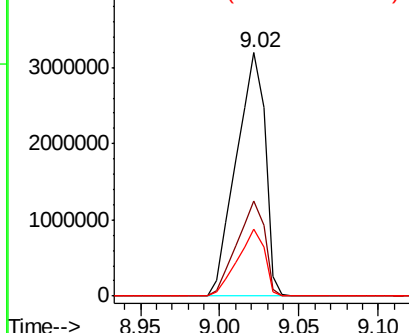
#45
 2-Fluorobiphenyl
 Concen: 91.273 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF114810.D
 Acq: 5 Jun 2019 10:26

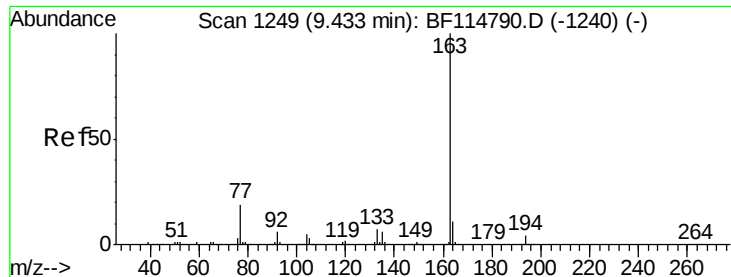
Tgt Ion:172 Resp: 4047156

Ion	Ratio	Lower	Upper
172	100		
171	39.1	32.3	48.5
170	27.4	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

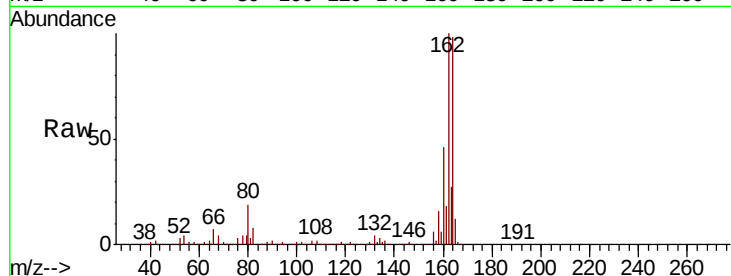




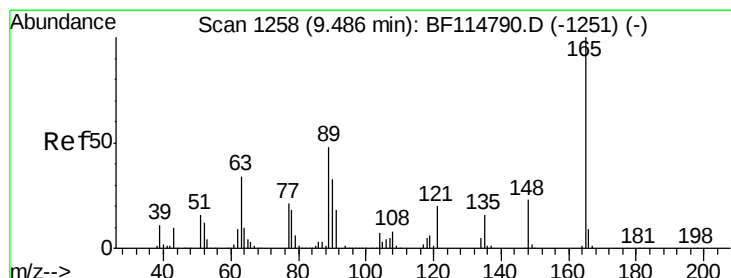
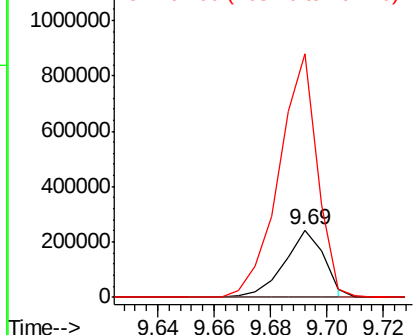
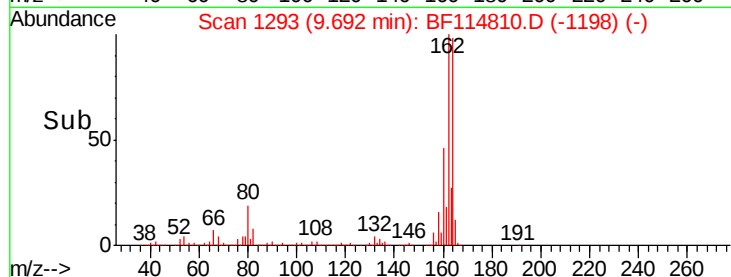
#50
Dimethylphthalate
Concen: 3.929 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.26 min
Lab File: BF114810.D
Acq: 5 Jun 2019 10:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 238367
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.2#
164 362.8 8.6 13.0#

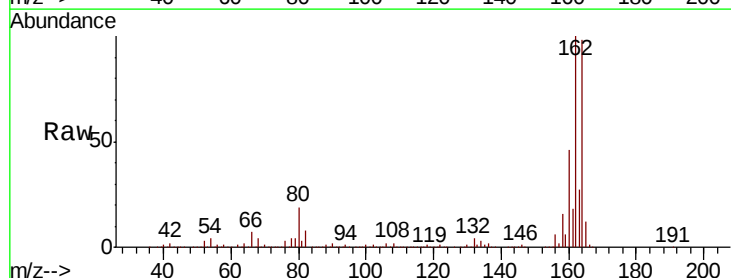


Abundance Ion 163.00 (162.70 to 163.70): E
1200000 Ion 194.00 (193.70 to 194.70): E
1000000 Ion 164.00 (163.70 to 164.70): E

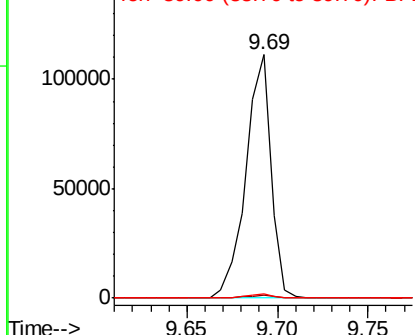
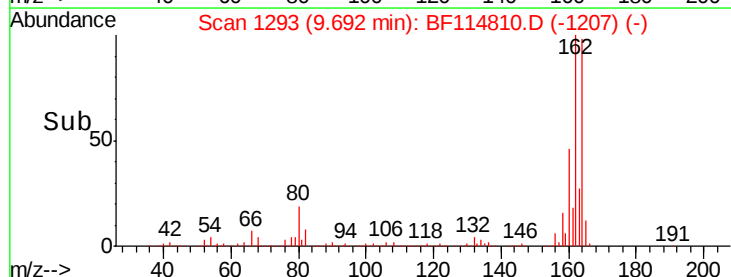


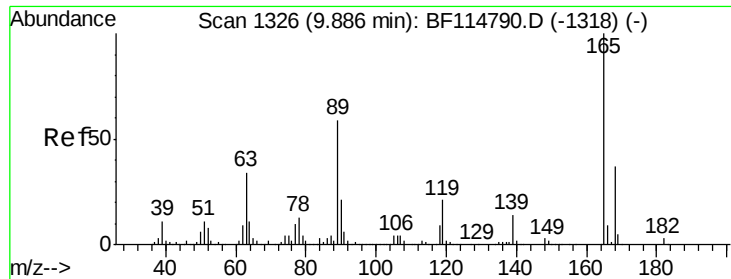
#51
2,6-Dinitrotoluene
Concen: 7.525 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.21 min
Lab File: BF114810.D
Acq: 5 Jun 2019 10:26

Tgt Ion:165 Resp: 107359
Ion Ratio Lower Upper
165 100
63 1.2 35.1 52.7#
89 1.7 38.2 57.2#



Abundance Ion 165.00 (164.70 to 165.70): E
150000 Ion 63.00 (62.70 to 63.70): BF1
100000 Ion 89.00 (88.70 to 89.70): BF1

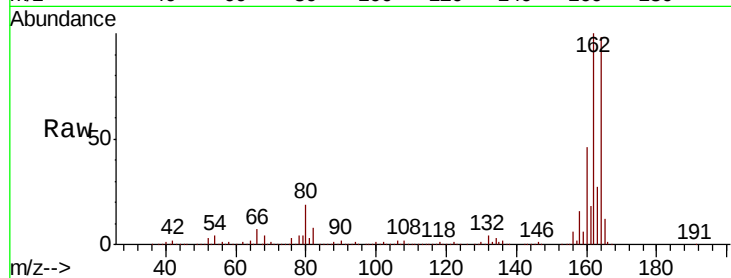




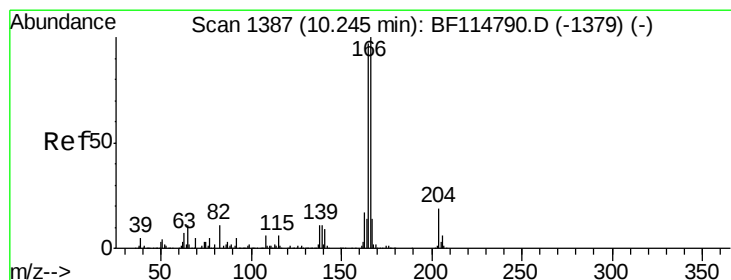
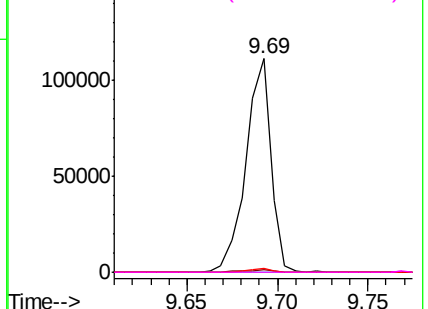
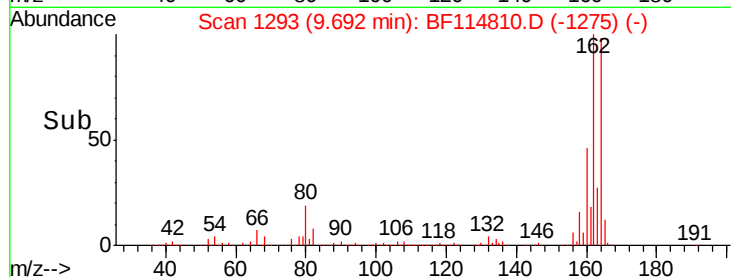
#57
 2,4-Dinitrotoluene
 Concen: 5.986 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.19 min
 Lab File: BF114810.D
 Acq: 5 Jun 2019 10:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	107359
Ion	Ratio	Lower	Upper
165	100		
63	1.2	27.0	40.4#
89	1.7	47.0	70.6#
182	0.0	2.2	3.2#

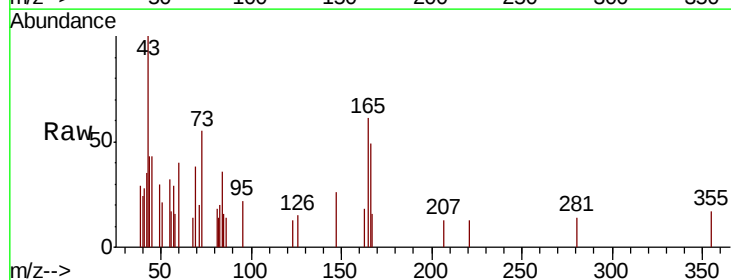


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

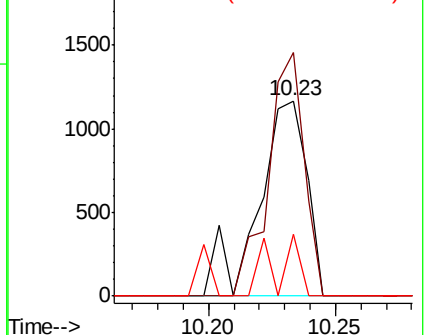
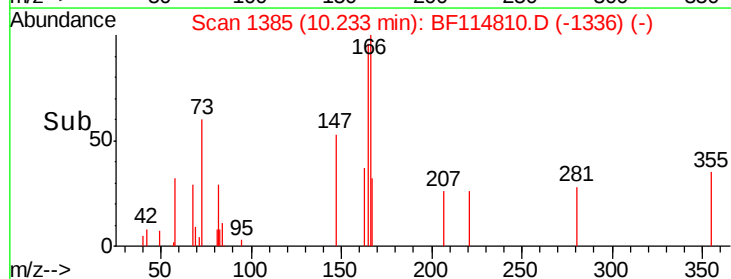


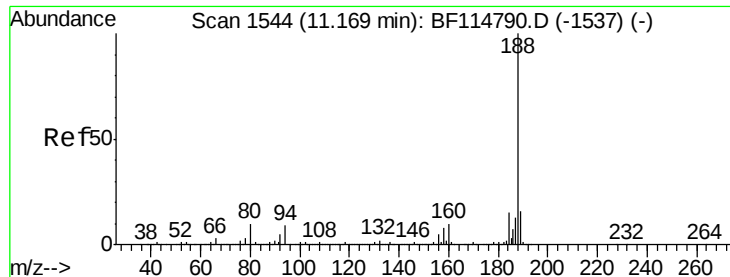
#58
 Fluorene
 Concen: Below Cal
 RT: 10.23 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: BF114810.D
 Acq: 5 Jun 2019 10:26

Tgt Ion:	166	Resp:	1542
Ion	Ratio	Lower	Upper
166	100		
165	124.8	77.9	116.9#
167	31.9	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: BF114810.D

Acq: 5 Jun 2019 10:26

Instrument :

BNA_F

ClientSampled :

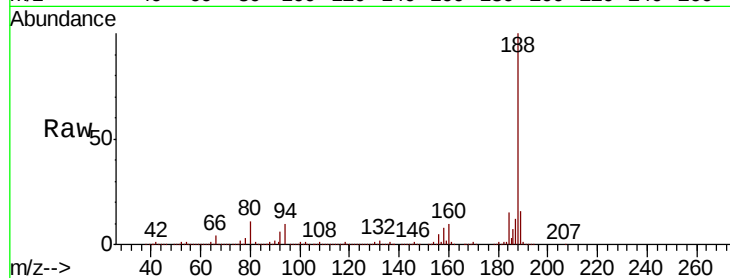
Tot Ion:188 Resp: 1714484

Ion Ratio Lower Upper

188 100

94 10.4 7.6 11.4

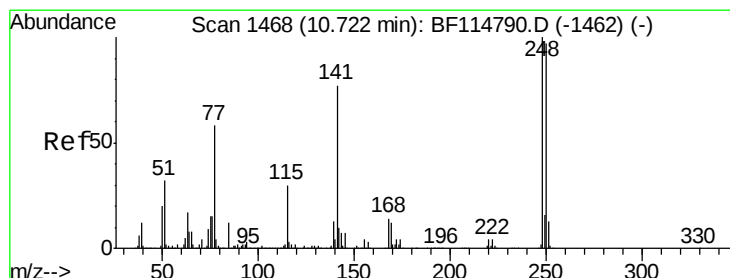
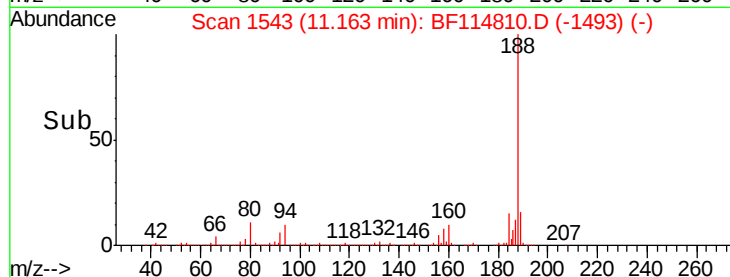
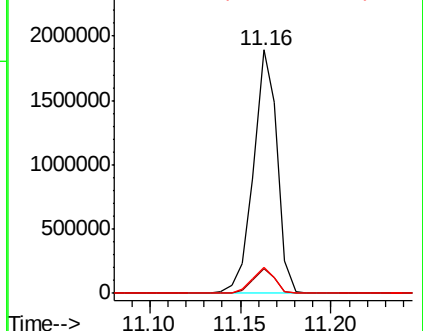
80 10.9 8.3 12.5



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: 3.826 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.25 min

Lab File: BF114810.D

Acq: 5 Jun 2019 10:26

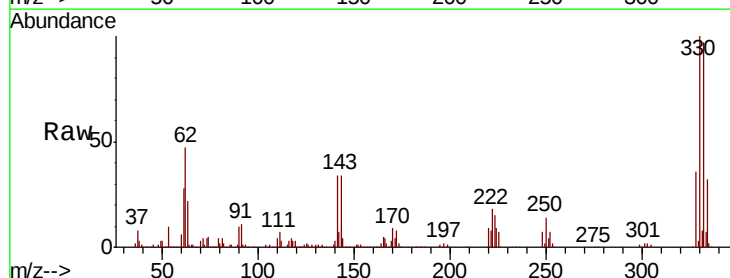
Tgt Ion:248 Resp: 74508

Ion Ratio Lower Upper

248 100

250 199.9 77.5 116.3#

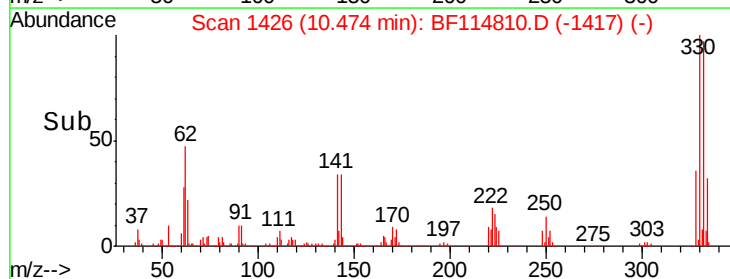
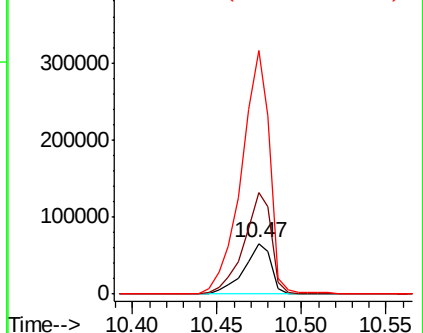
141 479.0 61.8 92.8#

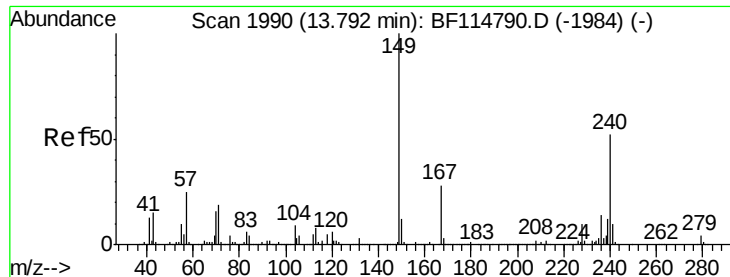


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.79 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BF114810.D

Acq: 5 Jun 2019 10:26

Instrument :

BNA_F

ClientSampleId :

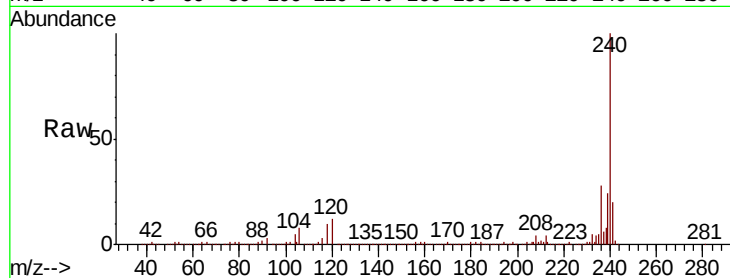
Tot Ion:240 Resp: 1455137

Ion Ratio Lower Upper

240 100

120 11.8 9.0 13.4

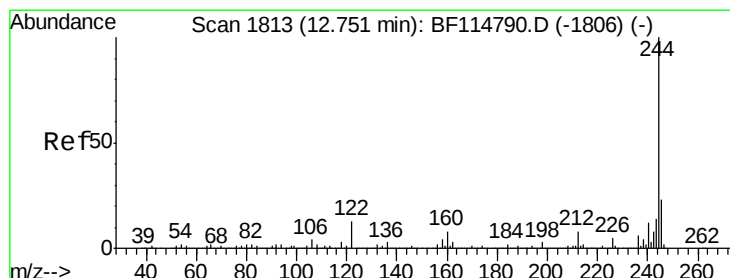
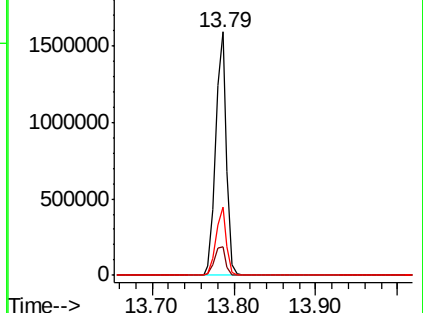
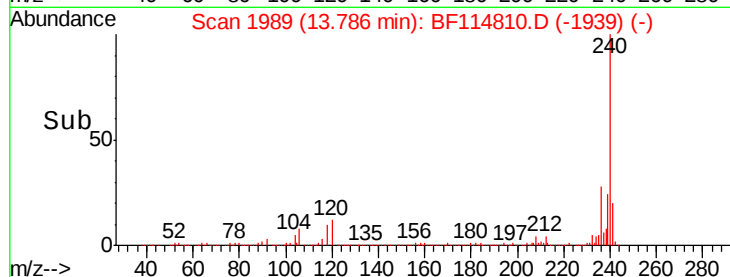
236 28.0 21.4 32.0



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: 62.429 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.01 min

Lab File: BF114810.D

Acq: 5 Jun 2019 10:26

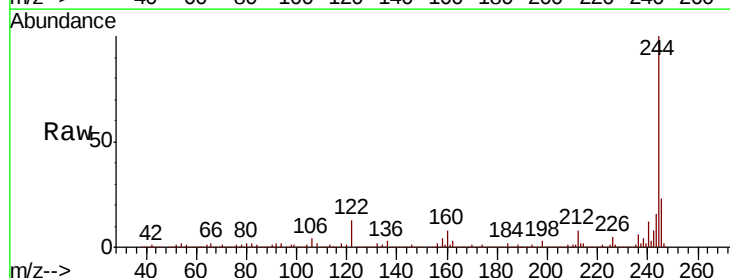
Tgt Ion:244 Resp: 4671121

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

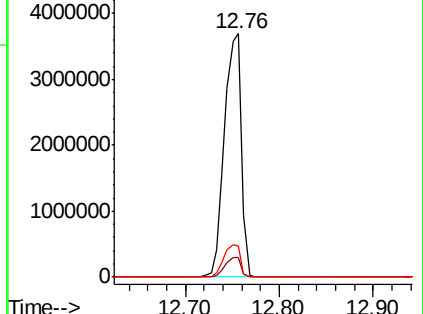
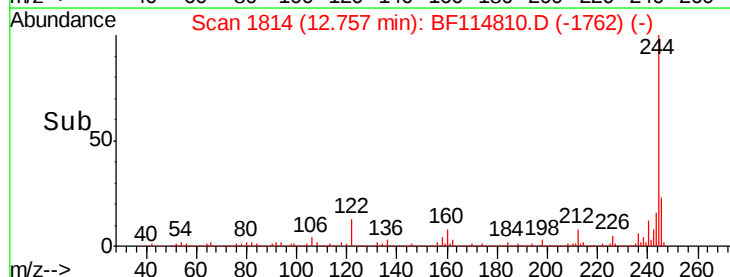
122 12.8 10.5 15.7

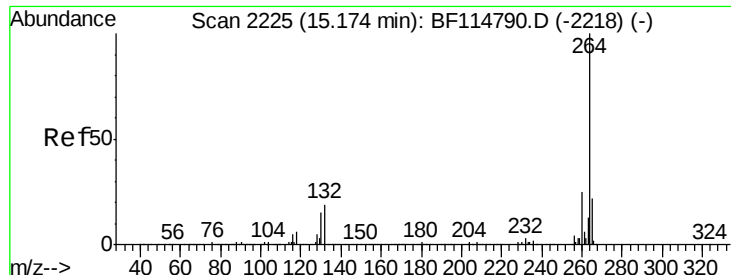


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.17 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF114810.D
 Acq: 5 Jun 2019 10:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 1415307

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.1	30.1
265	21.8	17.7	26.5

