

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
 Data File : BF094687.D
 Acq On : 28 Apr 2017 16:55
 Operator : SJ/MA
 Sample : I2895-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 28 23:04:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

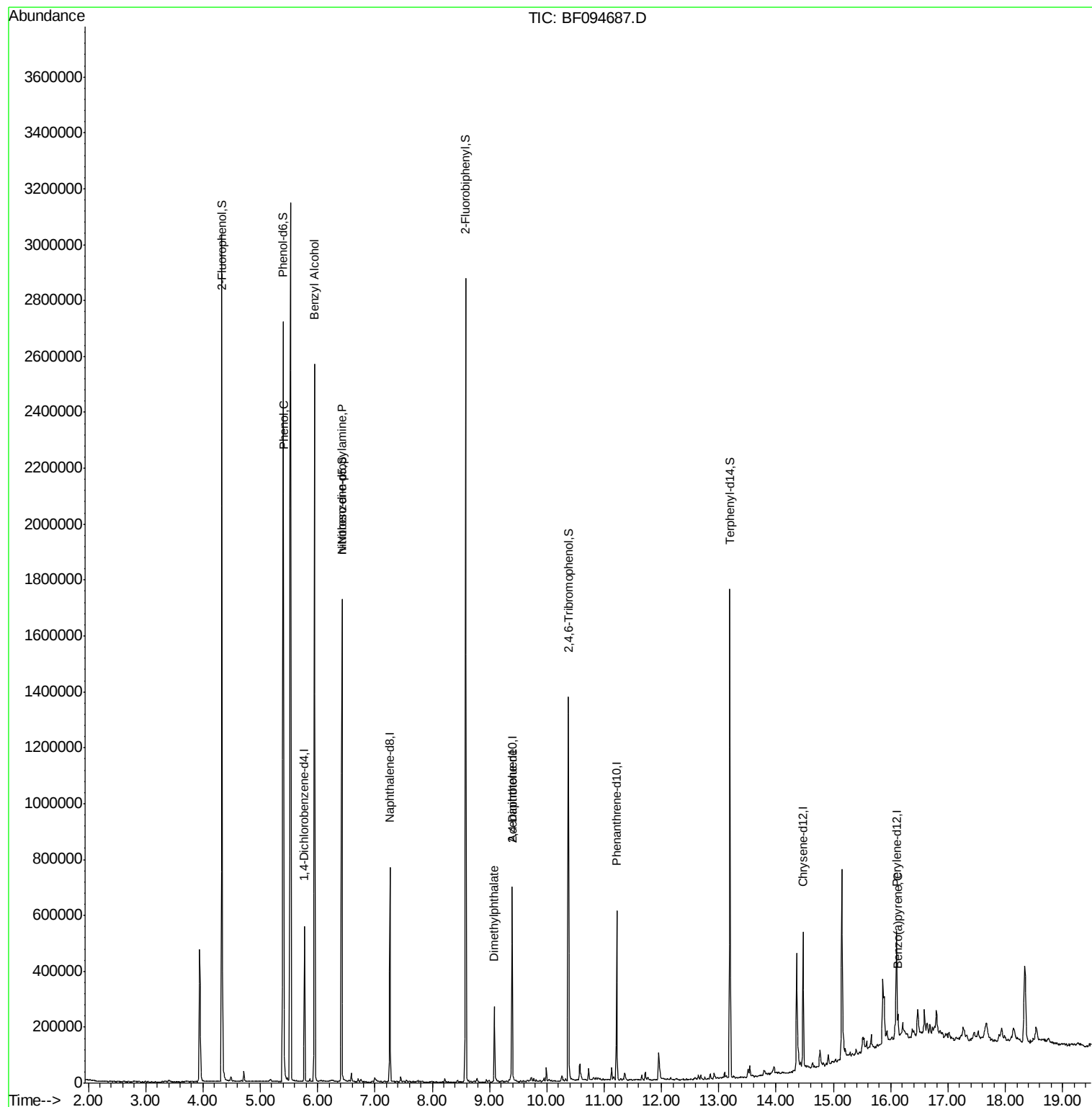
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	86854	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	345239	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	147092	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	229489	20.00	ng	0.00
75) Chrysene-d12	14.47	240	188725	20.00	ng	0.00
86) Perylene-d12	16.10	264	144414	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	945412	180.59	ng	0.03
7) Phenol-d6	5.40	99	1157821	187.60	ng	0.00
23) Nitrobenzene-d5	6.42	82	686291	122.75	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	180644	157.01	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	965564	96.58	ng	0.00
78) Terphenyl-d14	13.19	244	610571	86.48	ng	0.00
Target Compounds						
10) Phenol	5.41	94	15520	2.05	ng	99
15) Benzyl Alcohol	5.95	79	10681	2.33	ng	# 52
19) n-Nitroso-di-n-propylamine	6.42	70	90007	22.01	ng	# 78
49) Dimethylphthalate	9.08	163	115370	10.52	ng	99
56) 2,4-Dinitrotoluene	9.40	165	18255	6.05	ng	# 32
89) Benzo(a)pyrene	16.13	252	34312	4.17	ng	# 91

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

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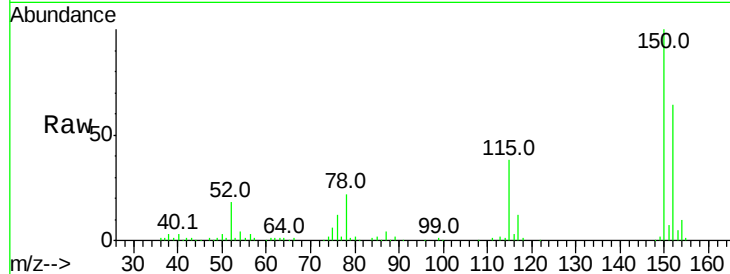


#1

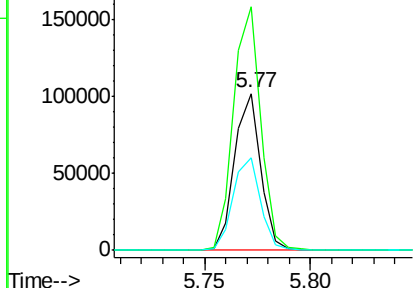
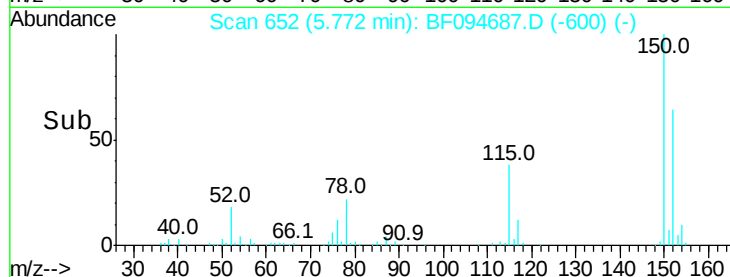
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094687.D
Acq: 28 Apr 2017 16:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 86854
Ion Ratio Lower Upper
152 100
150 155.4 126.2 189.2
115 59.0 52.2 78.2



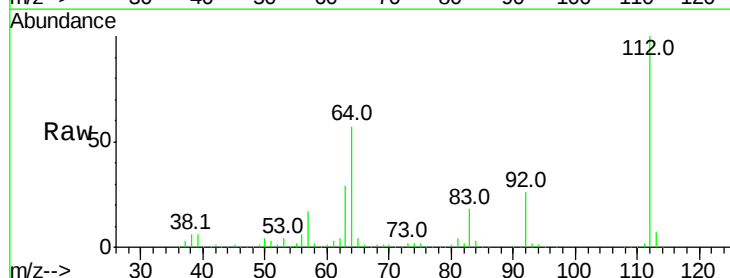
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



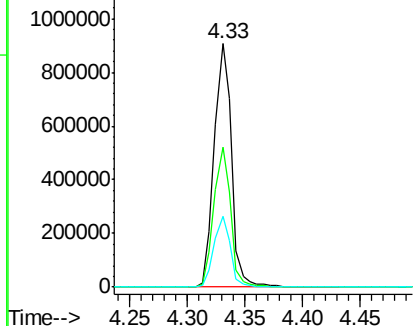
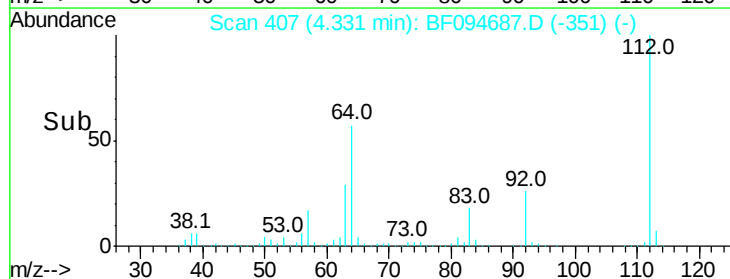
#5

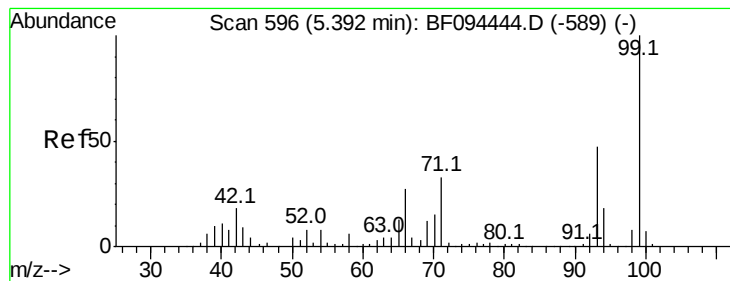
2-Fluorophenol
Concen: 180.59 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094687.D
Acq: 28 Apr 2017 16:55

Tgt Ion:112 Resp: 945412
Ion Ratio Lower Upper
112 100
64 57.5 46.0 69.0
63 29.0 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 187.60 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094687.D

Acq: 28 Apr 2017 16:55

Instrument :

BNA_F

ClientSampled :

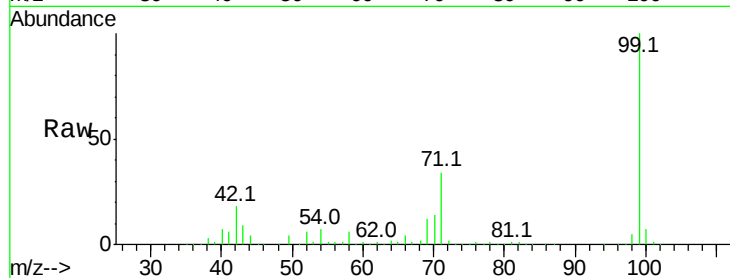
Tot Ion: 99 Resp: 1157821

Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.5	20.3
71	33.6	24.5	36.7

99 100

42 17.7 13.5 20.3

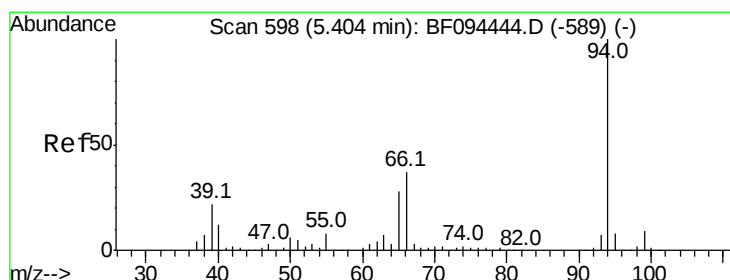
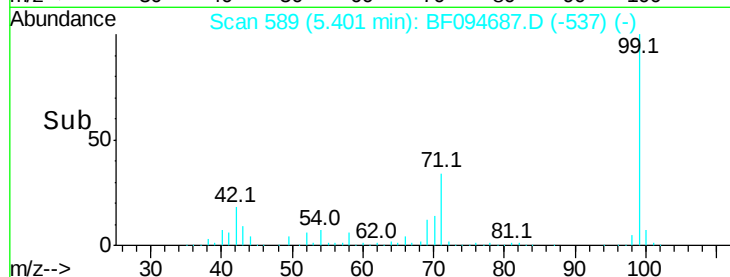
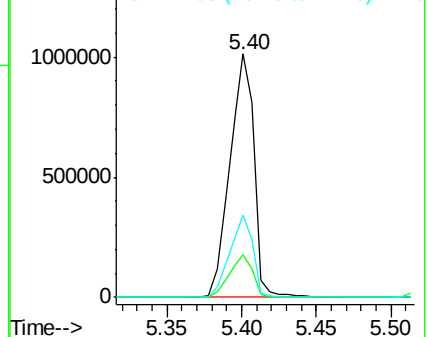
71 33.6 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.05 ng

RT: 5.41 min Scan# 591

Delta R.T. 0.01 min

Lab File: BF094687.D

Acq: 28 Apr 2017 16:55

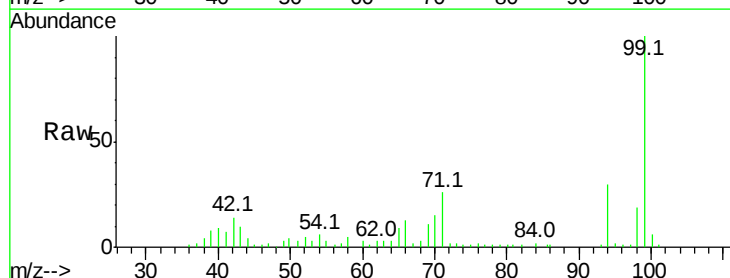
Tgt Ion: 94 Resp: 15520

Ion	Ratio	Lower	Upper
94	100		
65	30.2	9.9	49.9
66	42.1	23.1	63.1

94 100

65 30.2 9.9 49.9

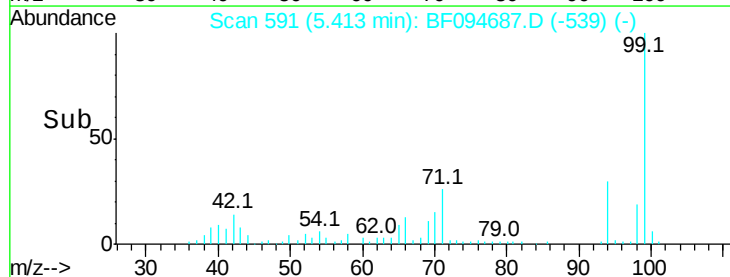
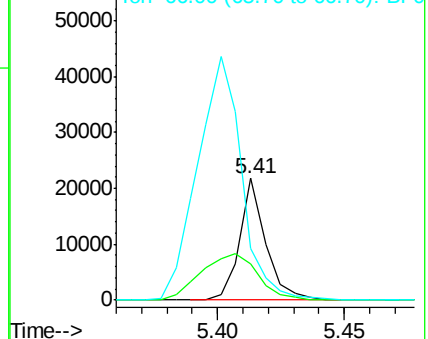
66 42.1 23.1 63.1

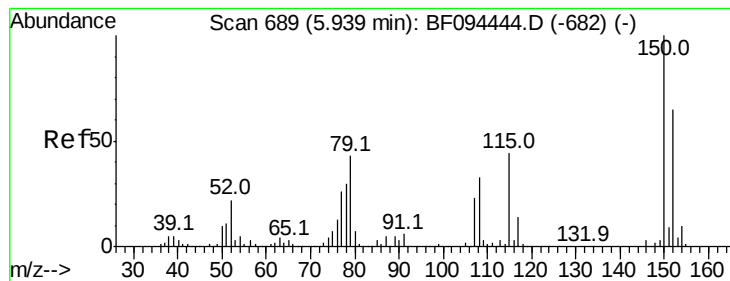


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.33 ng

RT: 5.95 min Scan# 682

Delta R.T. 0.01 min

Lab File: BF094687.D

Acq: 28 Apr 2017 16:55

Instrument :

BNA_F

ClientSampleId :

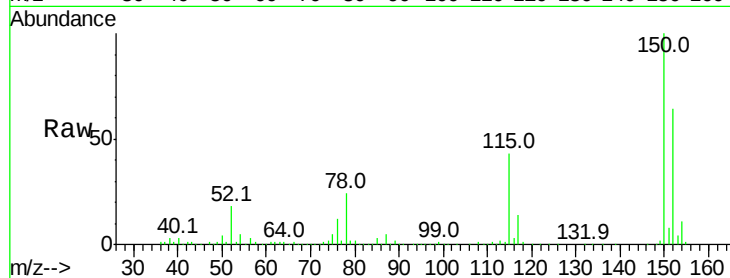
Tot Ion: 79 Resp: 10681

Ion Ratio Lower Upper

79 100

108 40.0 63.4 95.0#

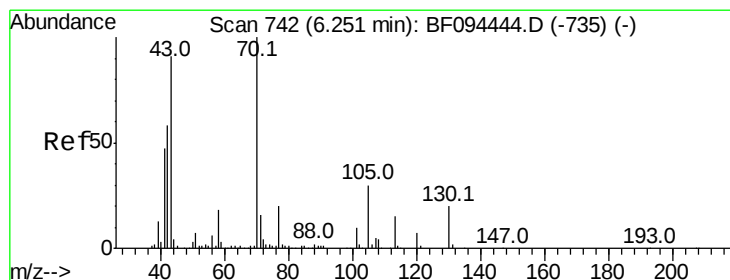
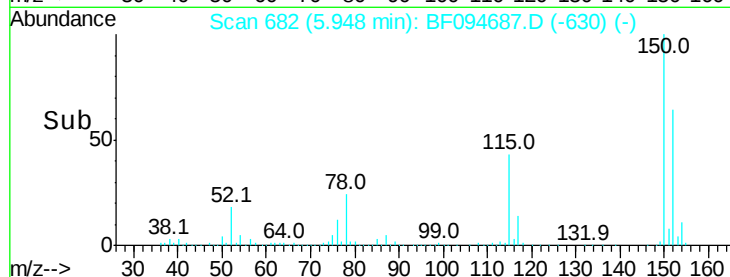
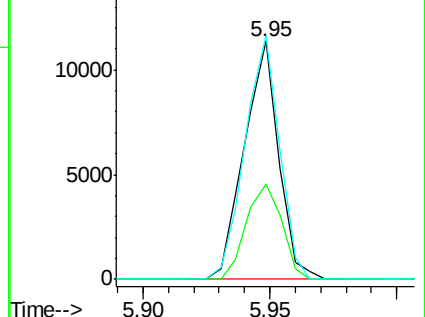
77 102.3 49.2 73.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 22.01 ng

RT: 6.42 min Scan# 762

Delta R.T. 0.17 min

Lab File: BF094687.D

Acq: 28 Apr 2017 16:55

Tgt Ion: 70 Resp: 90007

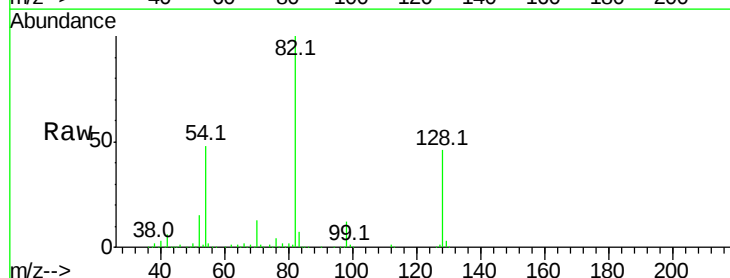
Ion Ratio Lower Upper

70 100

42 46.9 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

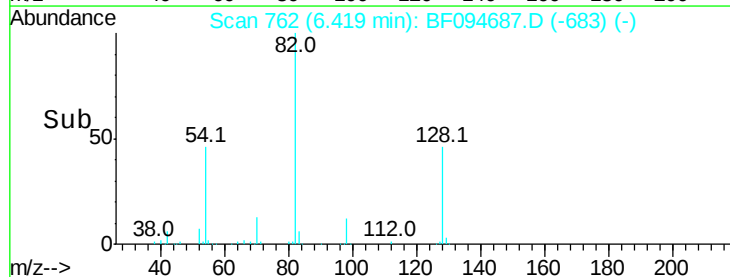
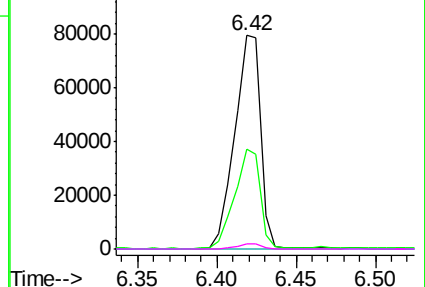


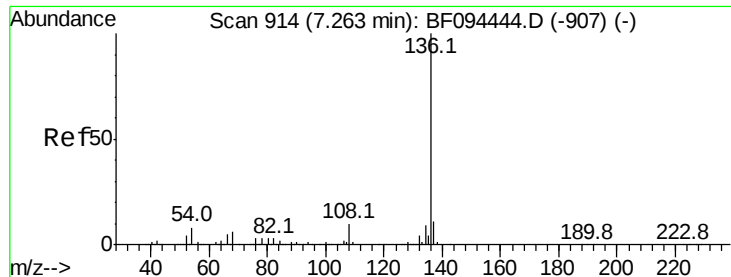
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

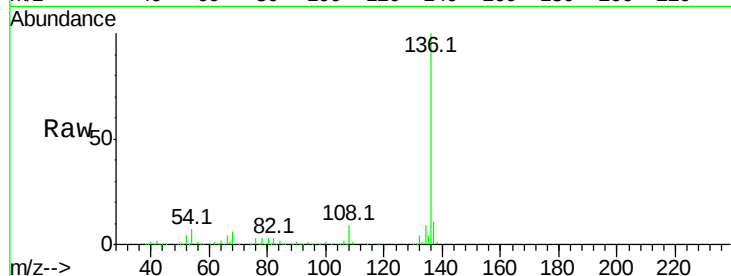




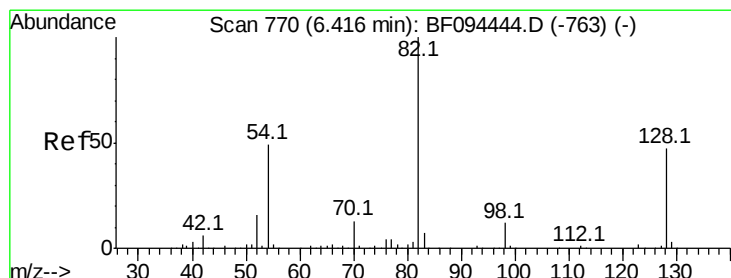
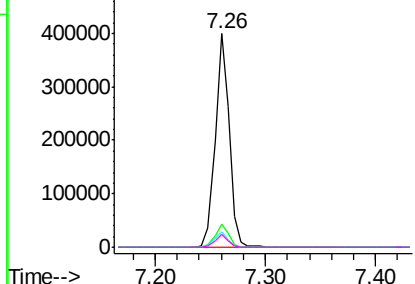
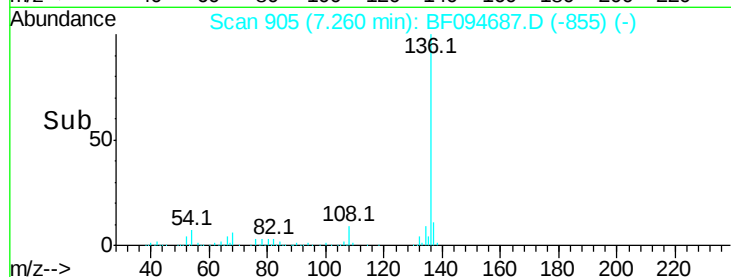
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BF094687.D
Acq: 28 Apr 2017 16:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	345239
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.5 12.7
54	7.2	4.9 7.3
68	5.7	4.1 6.1

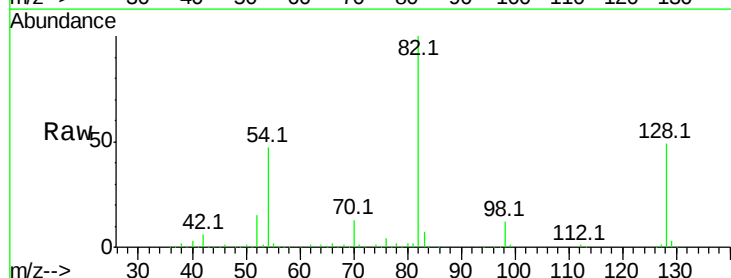


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

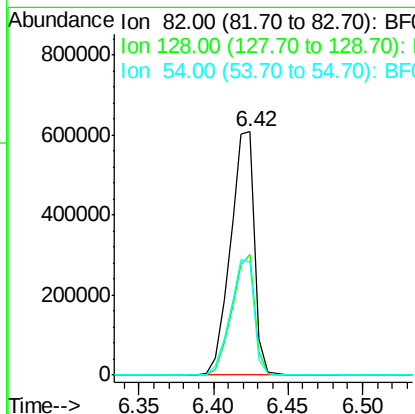
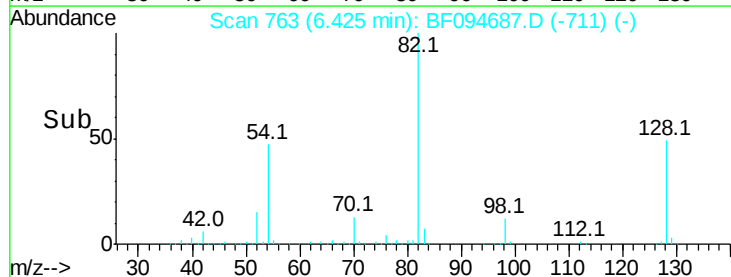


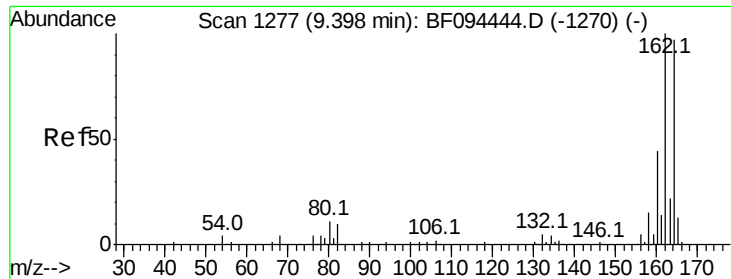
#23
Nitrobenzene-d5
Concen: 122.75 ng
RT: 6.42 min Scan# 763
Delta R.T. 0.01 min
Lab File: BF094687.D
Acq: 28 Apr 2017 16:55

Tgt Ion: 82	Resp:	686291
Ion Ratio	Lower	Upper
82	100	
128	49.4	34.0 51.0
54	46.5	42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.40 min Scan# 1268

Delta R.T. -0.00 min

Lab File: BF094687.D

Acq: 28 Apr 2017 16:55

Instrument :

BNA_F

ClientSampleId :

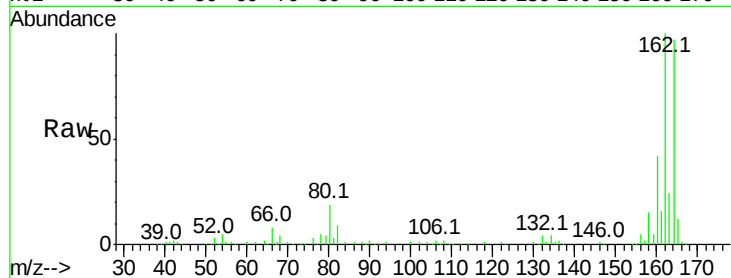
Tot Ion:164 Resp: 147092

Ion Ratio Lower Upper

164 100

162 103.1 82.6 123.8

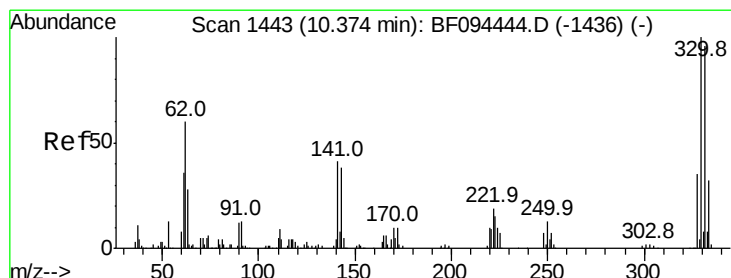
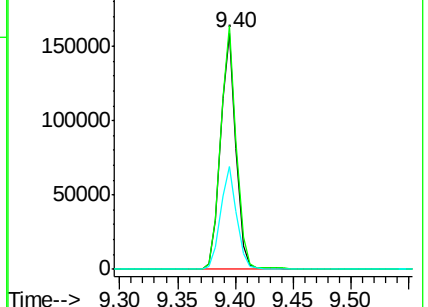
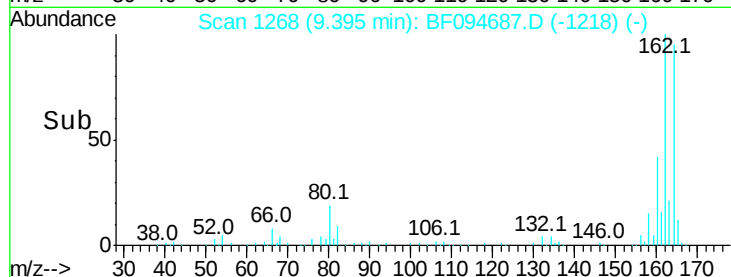
160 43.3 36.2 54.2



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



#41

2,4,6-Tribromophenol

Concen: 157.01 ng

RT: 10.38 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF094687.D

Acq: 28 Apr 2017 16:55

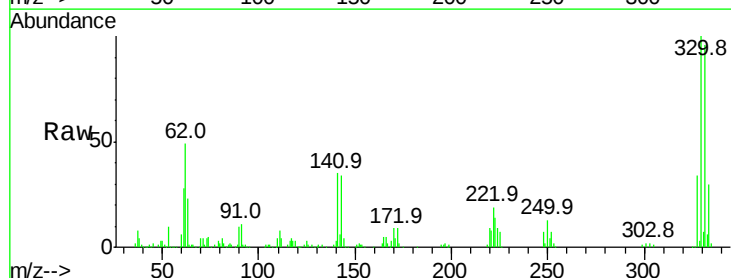
Tgt Ion:330 Resp: 180644

Ion Ratio Lower Upper

330 100

332 95.1 76.6 115.0

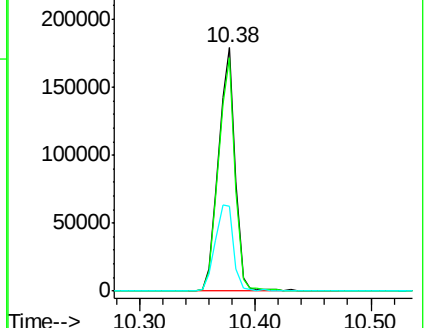
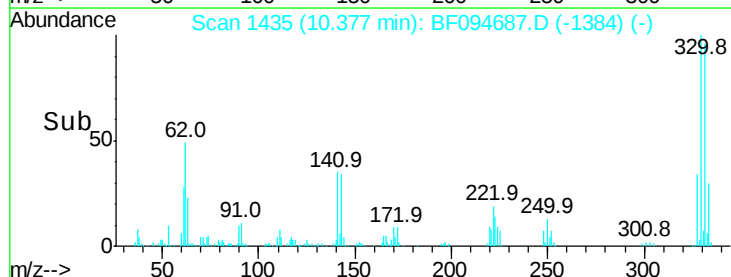
141 39.1 31.4 47.2

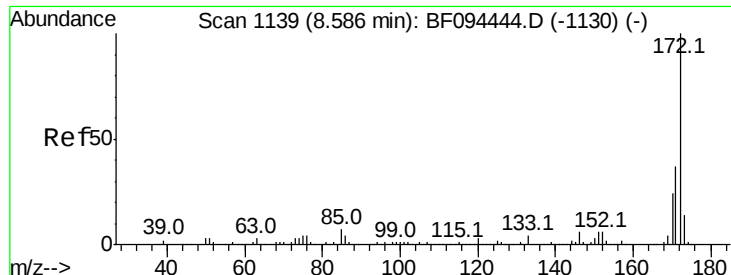


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

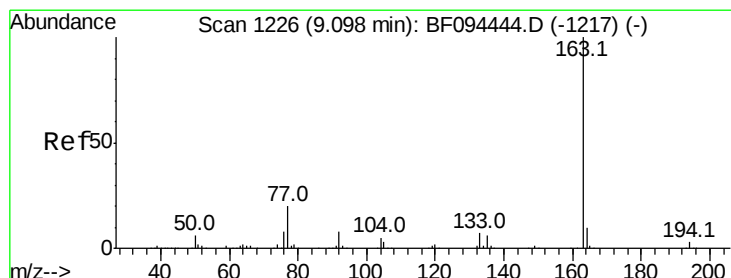
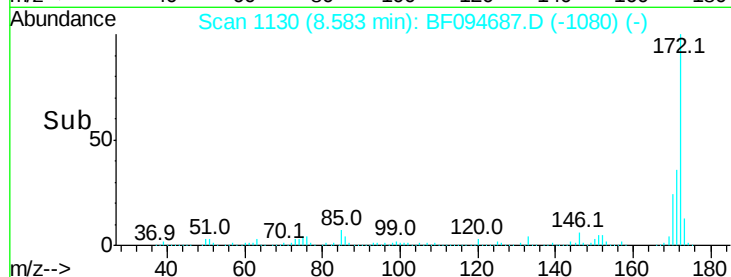
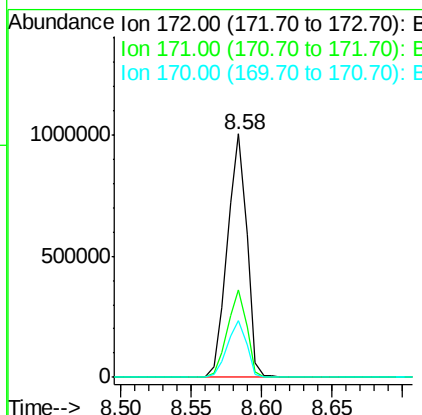
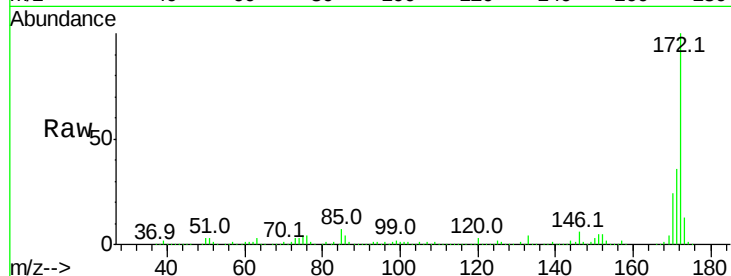




#44
2-Fluorobiphenyl
Concen: 96.58 ng
RT: 8.58 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF094687.D
Acq: 28 Apr 2017 16:55

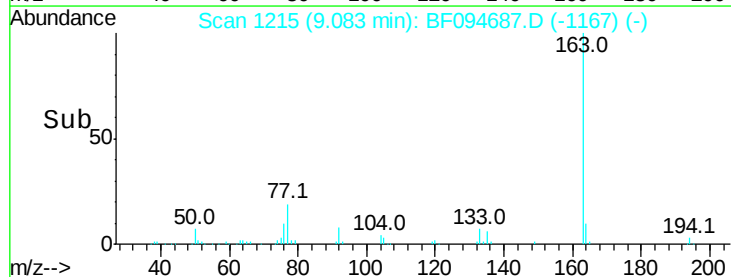
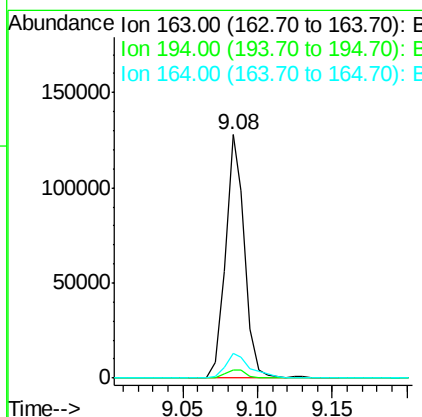
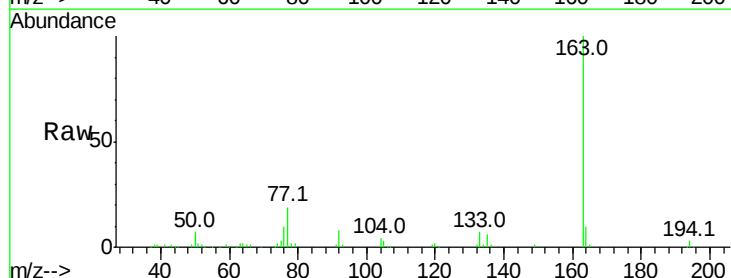
Instrument :
BNA_F
ClientSampleId :

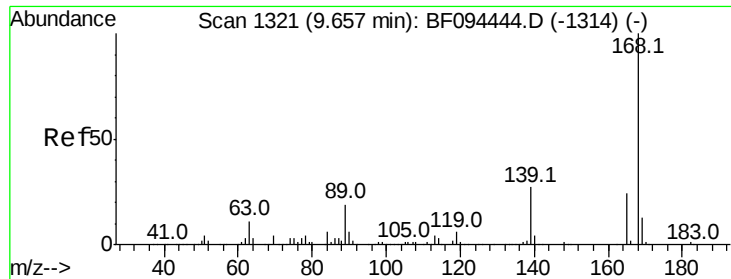
Tot Ion:172 Resp: 965564
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 23.5 19.8 29.8



#49
Dimethylphthalate
Concen: 10.52 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF094687.D
Acq: 28 Apr 2017 16:55

Tgt Ion:163 Resp: 115370
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.2 8.4 12.6

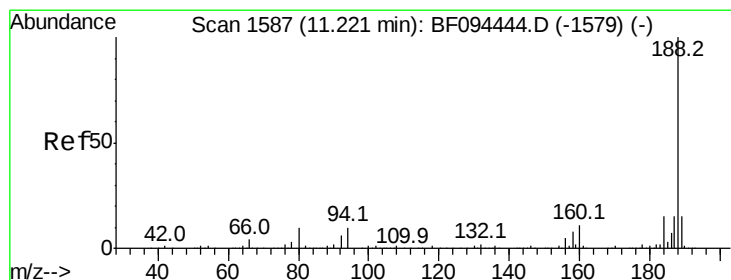
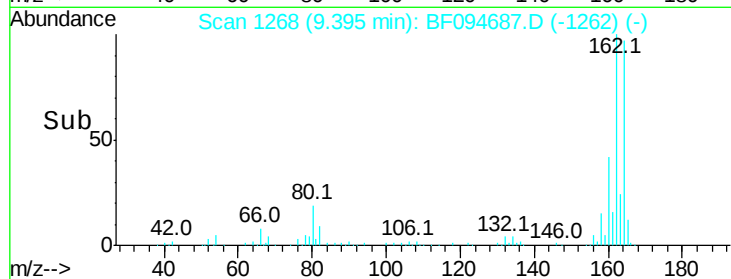
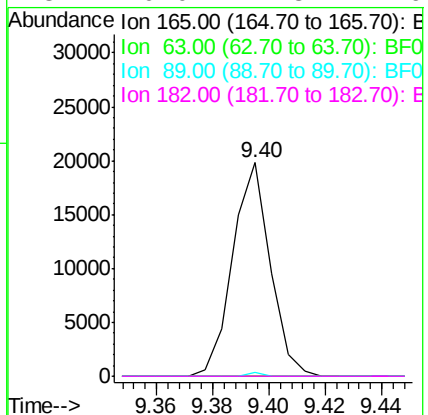
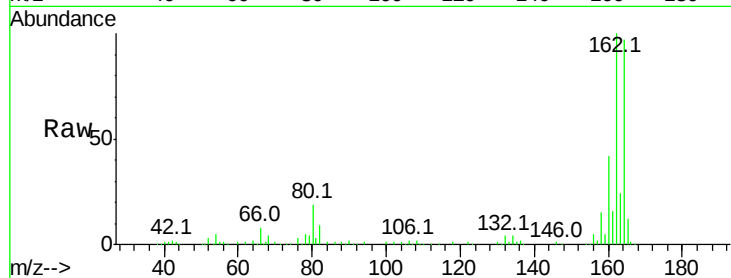




#56
 2,4-Dinitrotoluene
 Concen: 6.05 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.26 min
 Lab File: BF094687.D
 Acq: 28 Apr 2017 16:55

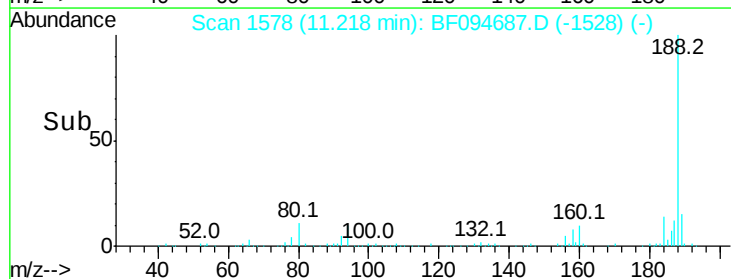
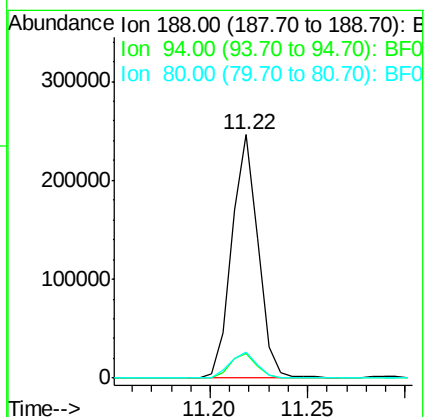
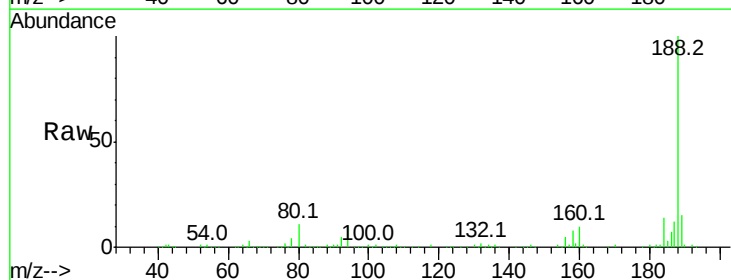
Instrument :
 BNA_F
 ClientSampleId :

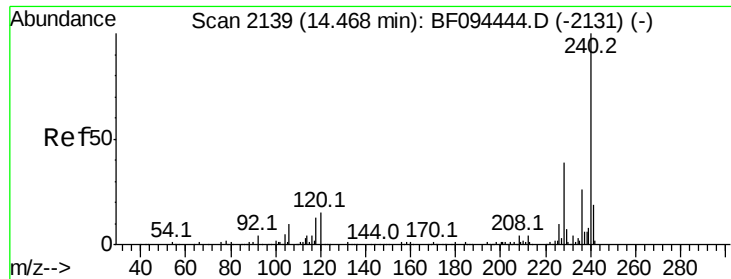
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	1.7	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF094687.D
 Acq: 28 Apr 2017 16:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.4	14.2
80	10.9	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.47 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BF094687.D

Acq: 28 Apr 2017 16:55

Instrument :

BNA_F

ClientSampleId :

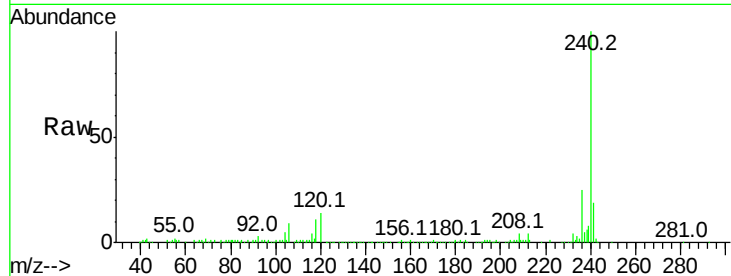
Tot Ion:240 Resp: 188725

Ion Ratio Lower Upper

240 100

120 13.9 5.8 8.8#

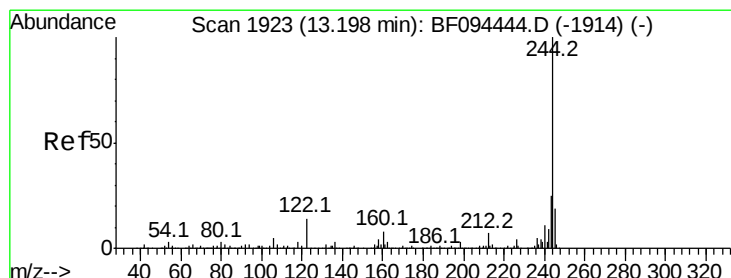
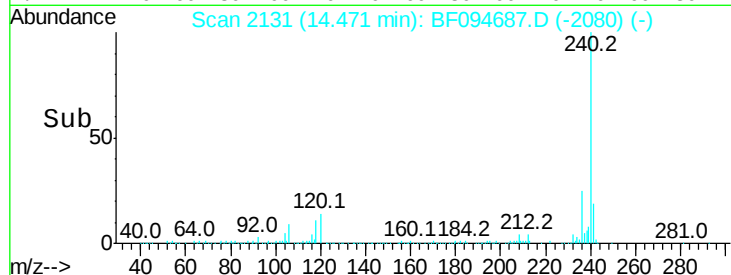
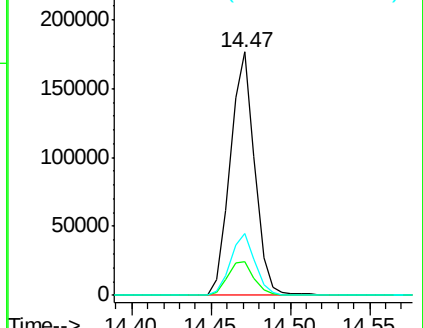
236 25.2 20.5 30.7



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



#78

Terphenyl-d14

Concen: 86.48 ng

RT: 13.19 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BF094687.D

Acq: 28 Apr 2017 16:55

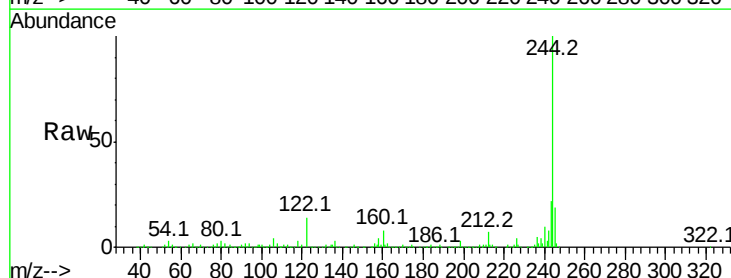
Tgt Ion:244 Resp: 610571

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

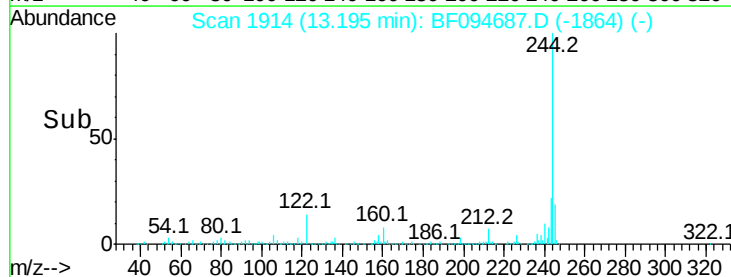
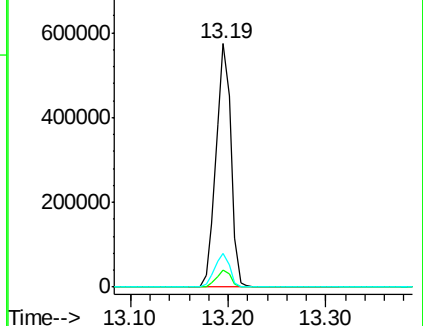
122 13.7 10.3 15.5

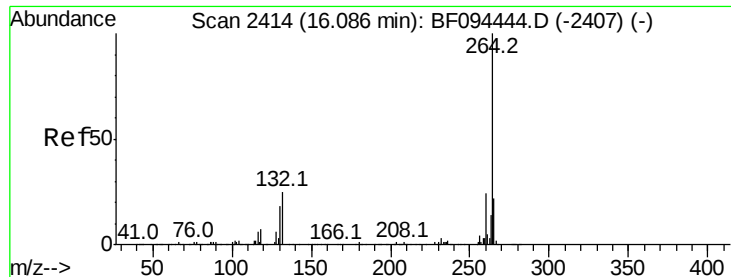


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

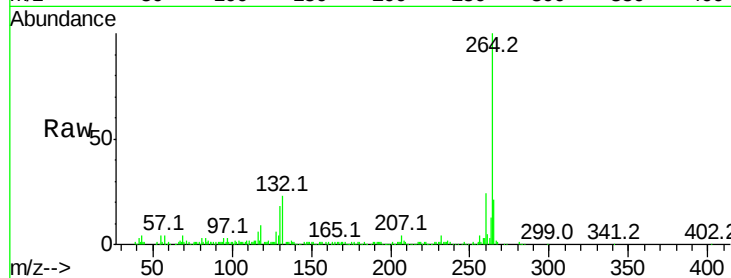




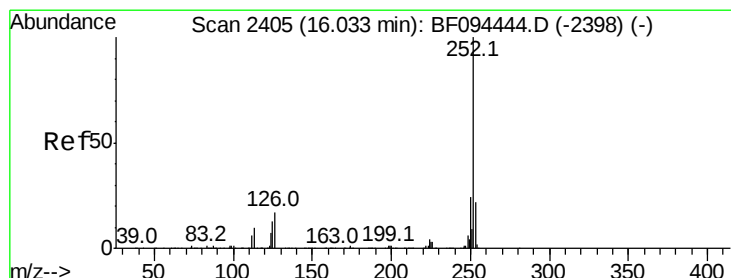
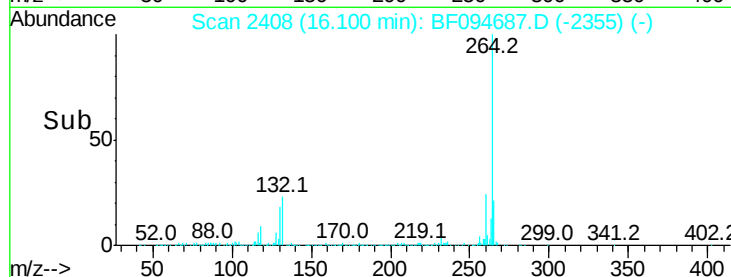
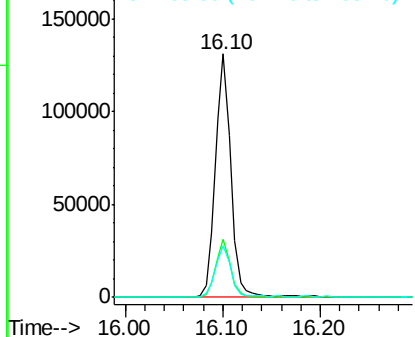
#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.10 min Scan# 2408
Delta R.T. 0.01 min
Lab File: BF094687.D
Acq: 28 Apr 2017 16:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 144414
Ion Ratio Lower Upper
264 100
260 23.9 19.5 29.3
265 21.0 17.2 25.8

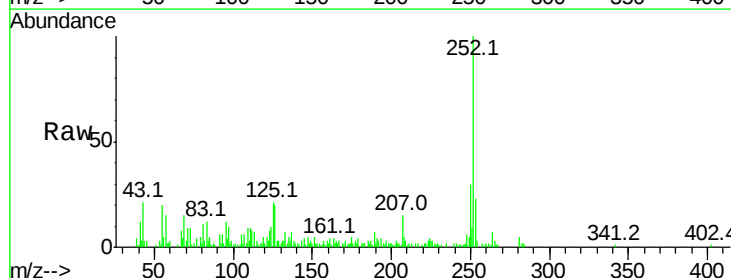


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#89
Benzo(a)pyrene
Concen: 4.17 ng
RT: 16.13 min Scan# 2413
Delta R.T. 0.10 min
Lab File: BF094687.D
Acq: 28 Apr 2017 16:55

Tgt Ion:252 Resp: 34312
Ion Ratio Lower Upper
252 100
253 23.4 17.5 26.3
125 21.0 11.0 16.4#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

