

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041817\
 Data File : BF094493.D
 Acq On : 18 Apr 2017 18:25
 Operator : SJ/MA
 Sample : I2741-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 19 01:14:12 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

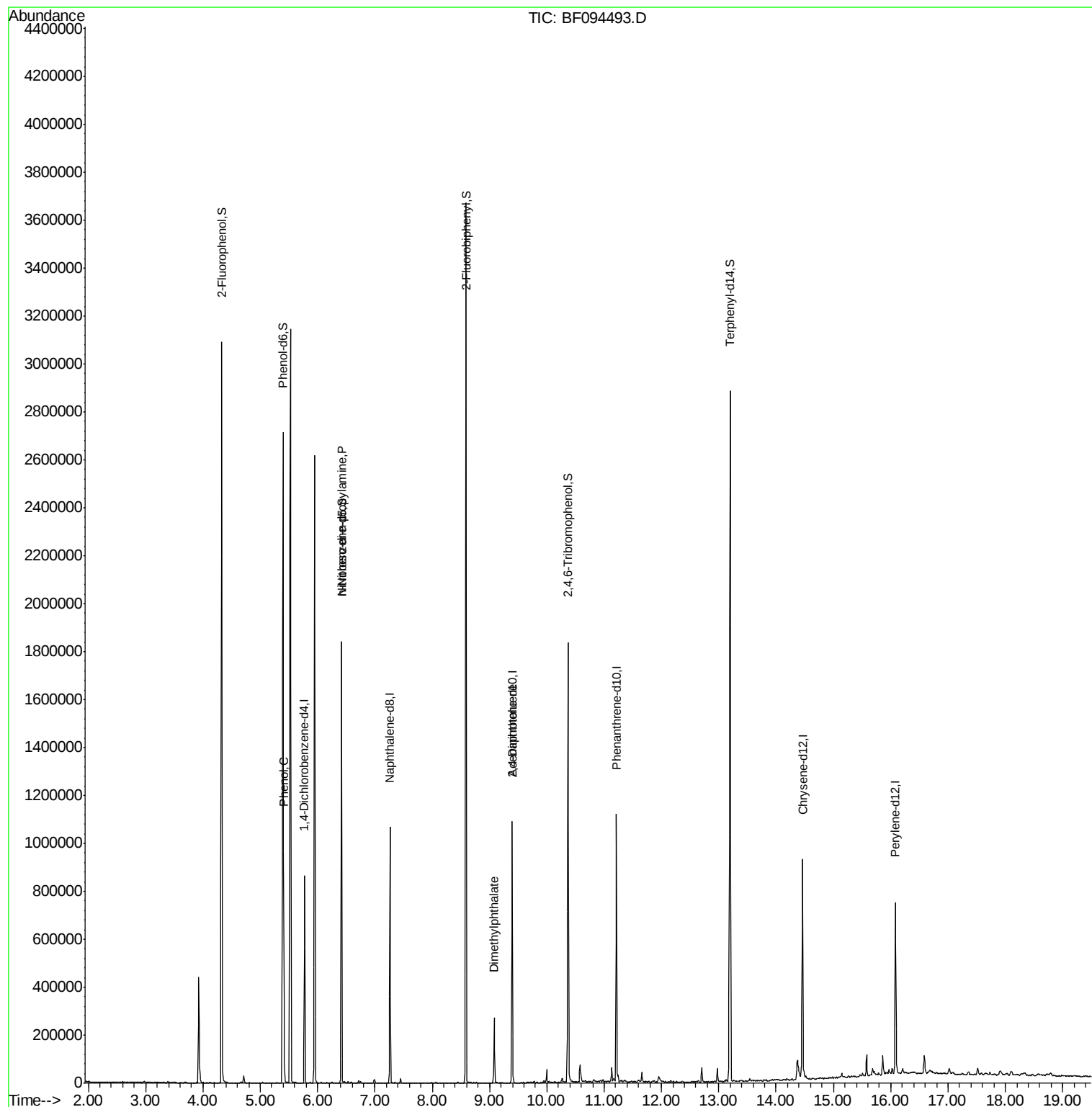
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	125613	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	527284	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	222195	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	435908	20.00	ng	0.00
75) Chrysene-d12	14.46	240	339388	20.00	ng	0.00
86) Perylene-d12	16.08	264	274052	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	881372	116.41	ng	0.02
7) Phenol-d6	5.40	99	1135910	127.26	ng	0.00
23) Nitrobenzene-d5	6.42	82	677117	79.29	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	226849	130.52	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1281839	84.88	ng	0.00
78) Terphenyl-d14	13.20	244	1156239	91.06	ng	0.00
Target Compounds						
10) Phenol	5.41	94	97765	8.92	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	6.42	70	88930	15.04	ng	# 80
49) Dimethylphthalate	9.08	163	112708	6.81	ng	# 98
56) 2,4-Dinitrotoluene	9.40	165	28076	6.16	ng	# 33

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

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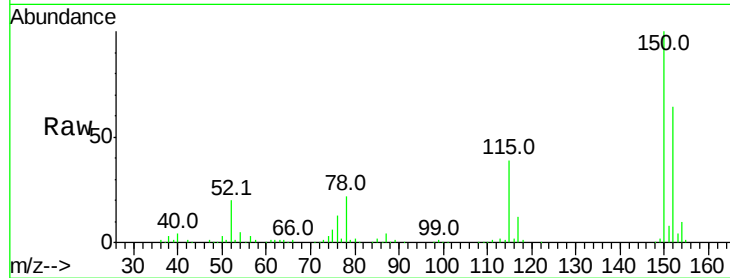


#1

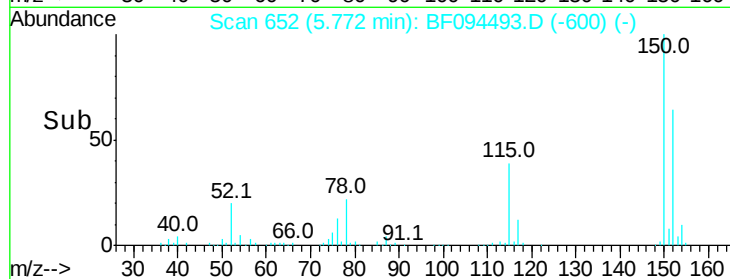
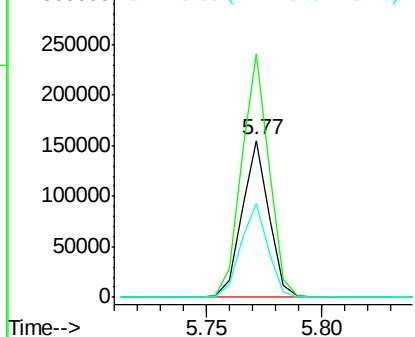
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094493.D
Acq: 18 Apr 2017 18:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 125613
Ion Ratio Lower Upper
152 100
150 155.5 126.2 189.2
115 60.1 52.2 78.2



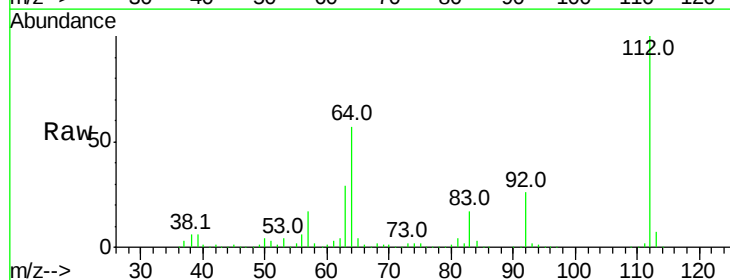
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



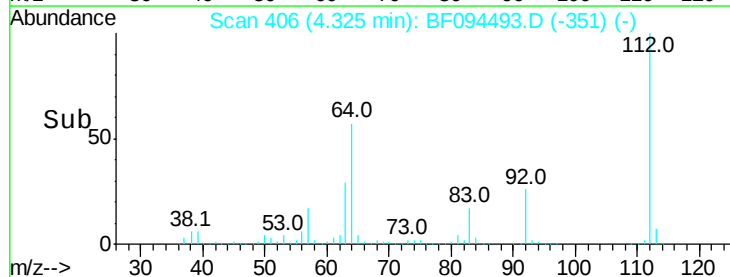
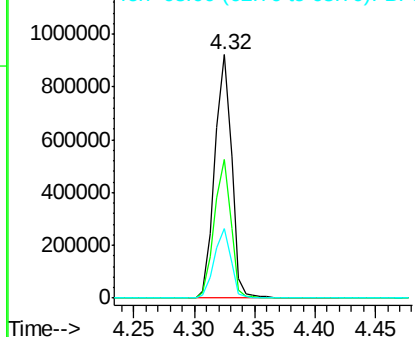
#5

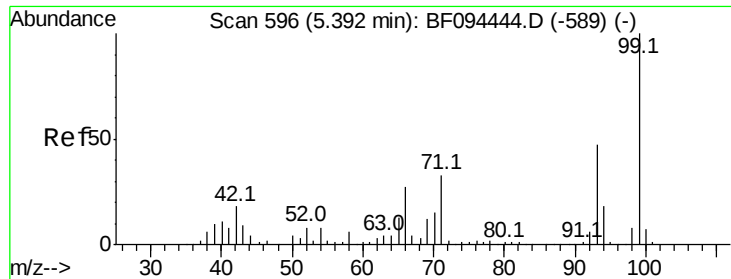
2-Fluorophenol
Concen: 116.41 ng
RT: 4.32 min Scan# 406
Delta R.T. 0.02 min
Lab File: BF094493.D
Acq: 18 Apr 2017 18:25

Tgt Ion:112 Resp: 881372
Ion Ratio Lower Upper
112 100
64 57.2 46.0 69.0
63 28.8 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: 127.26 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094493.D

Acq: 18 Apr 2017 18:25

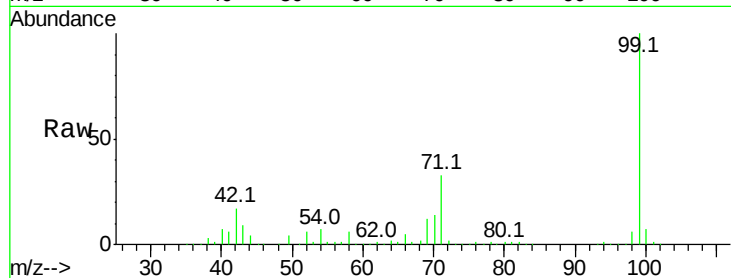
Instrument :

BNA_F

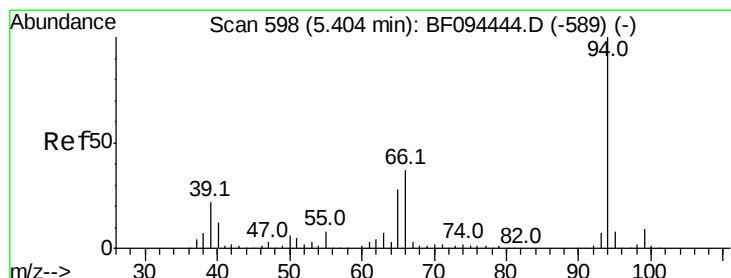
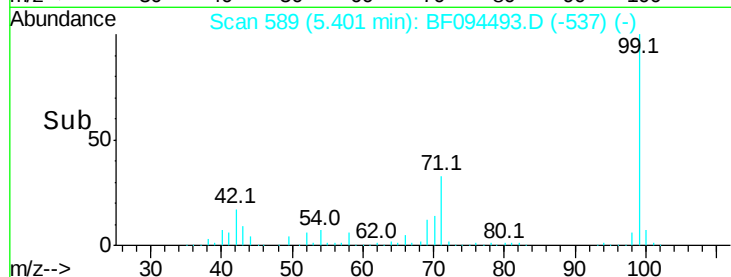
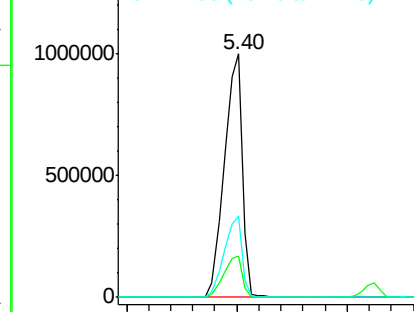
ClientSampled :

Tot Ion: 99 Resp: 1135910

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.5	20.3
71	33.3	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: 8.92 ng

RT: 5.41 min Scan# 591

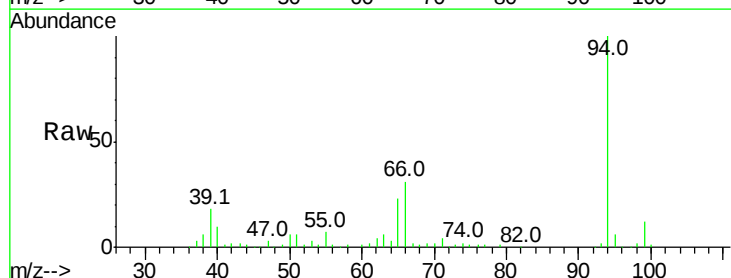
Delta R.T. 0.01 min

Lab File: BF094493.D

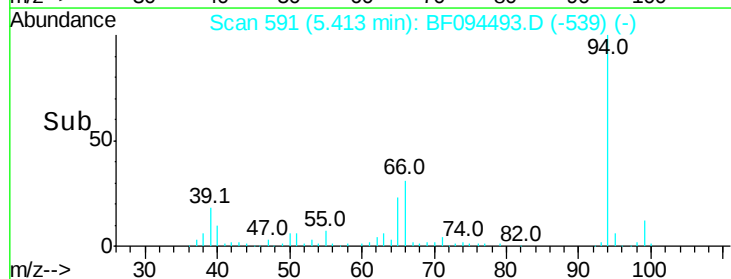
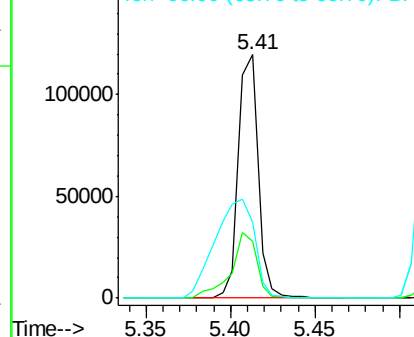
Acq: 18 Apr 2017 18:25

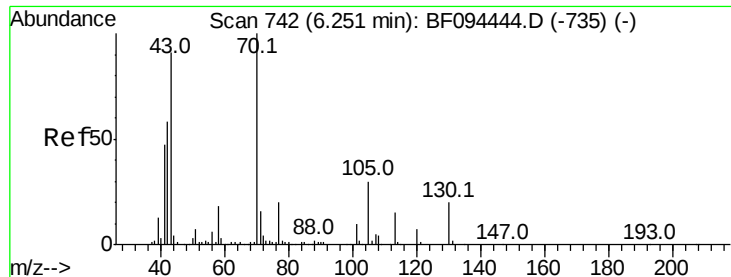
Tgt Ion: 94 Resp: 97765

Ion	Ratio	Lower	Upper
94	100		
65	23.3	9.9	49.9
66	31.3	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

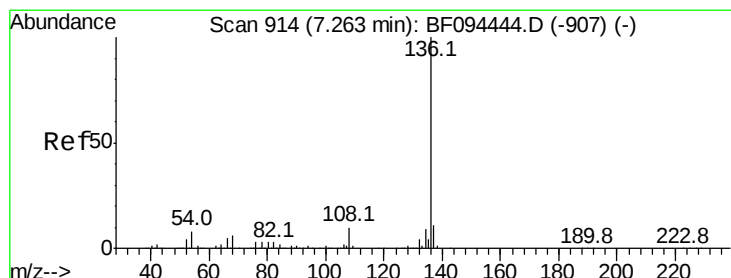
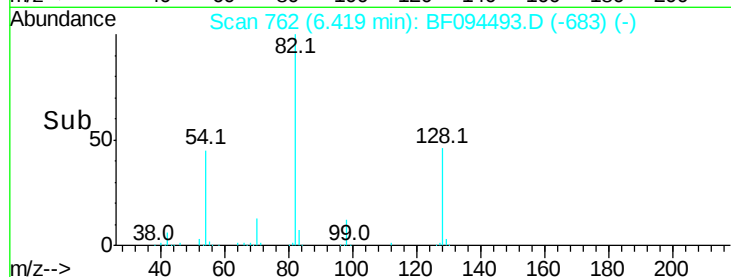
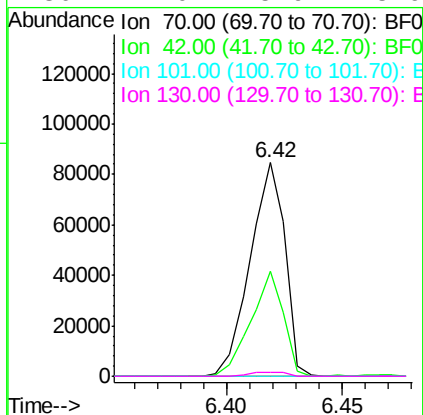
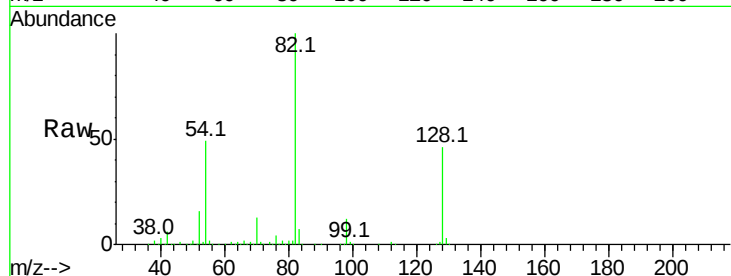




#19
n-Nitroso-di-n-propylamine
Concen: 15.04 ng
RT: 6.42 min Scan# 762
Delta R.T. 0.17 min
Lab File: BF094493.D
Acq: 18 Apr 2017 18:25

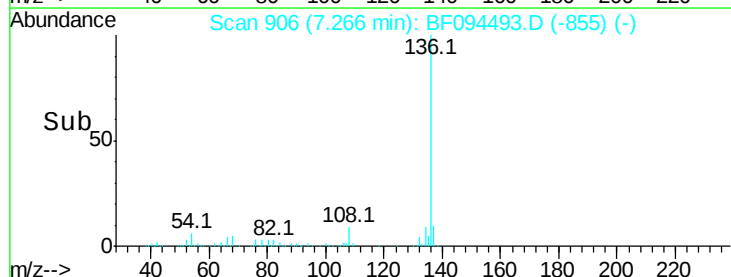
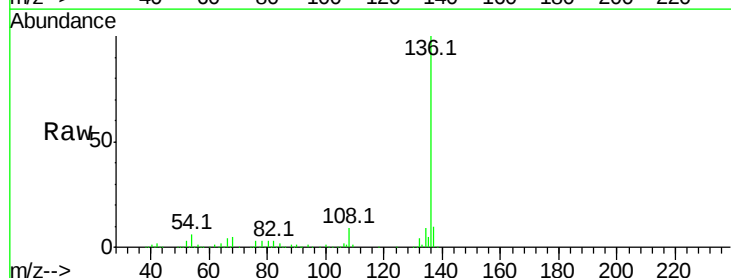
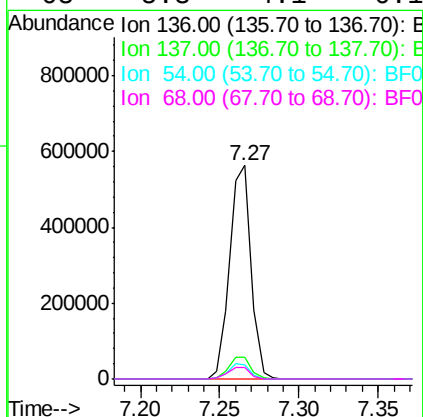
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 88930
Ion Ratio Lower Upper
70 100
42 49.0 47.2 70.8
101 0.0 7.2 10.8#
130 2.0 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.27 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF094493.D
Acq: 18 Apr 2017 18:25

Tgt Ion:136 Resp: 527284
Ion Ratio Lower Upper
136 100
137 10.4 8.5 12.7
54 6.3 4.9 7.3
68 5.3 4.1 6.1

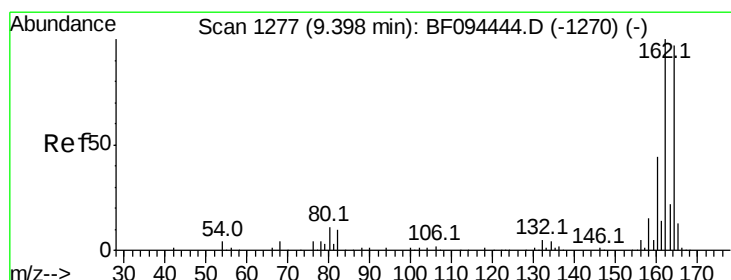
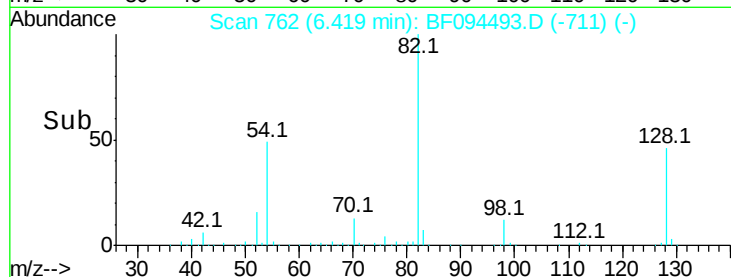
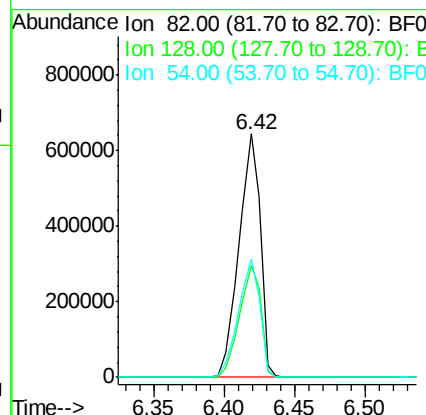
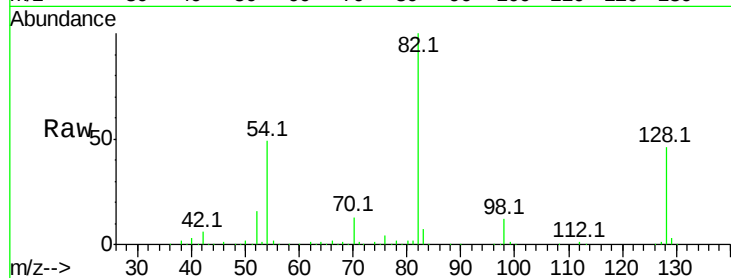




#23
 Nitrobenzene-d5
 Concen: 79.29 ng
 RT: 6.42 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF094493.D
 Acq: 18 Apr 2017 18:25

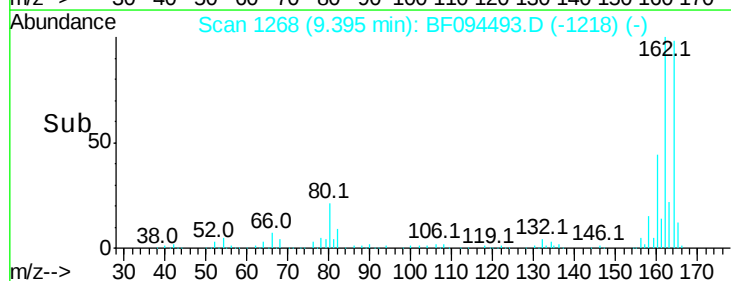
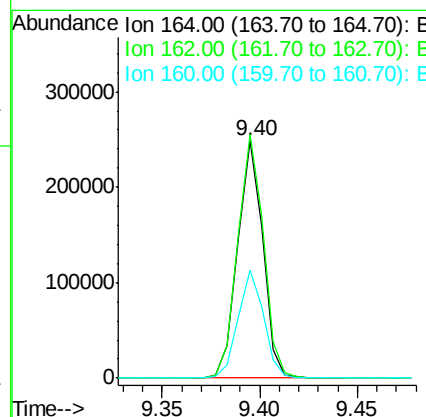
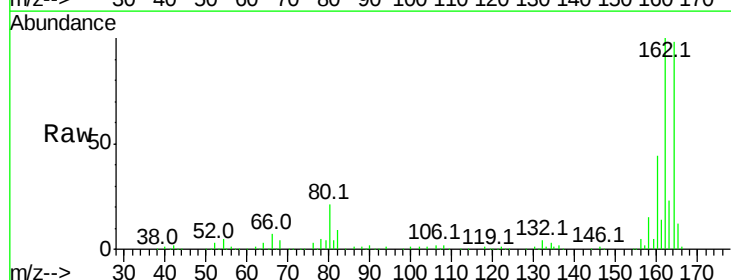
Instrument :
 BNA_F
 ClientSampleId :

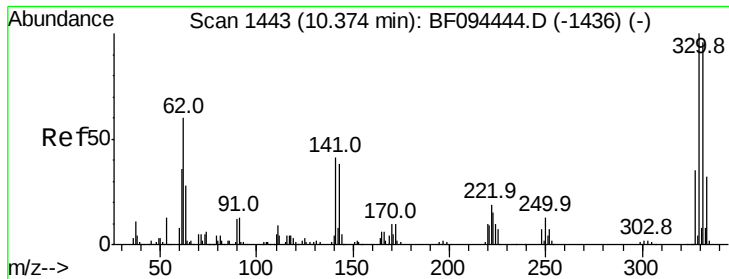
Tot Ion	82	Resp	677117
Ion Ratio	Lower	Upper	
82	100		
128	46.1	34.0	51.0
54	48.5	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF094493.D
 Acq: 18 Apr 2017 18:25

Tgt Ion	164	Resp	222195
Ion Ratio	Lower	Upper	
164	100		
162	102.4	82.6	123.8
160	45.4	36.2	54.2

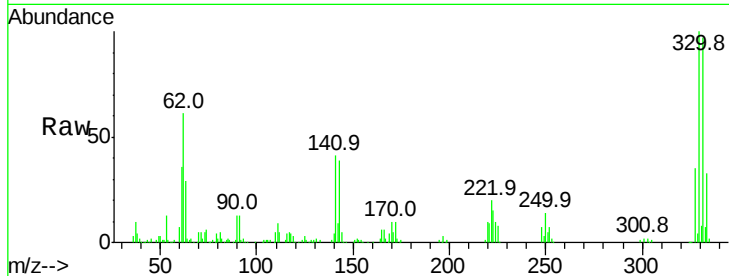




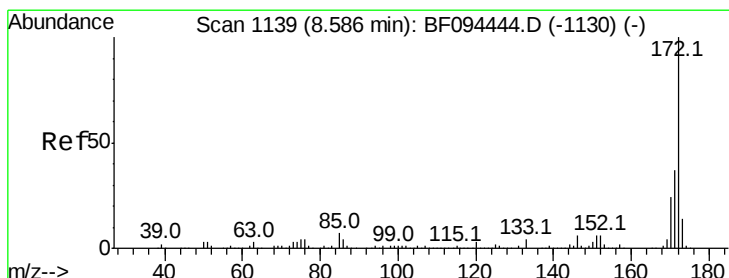
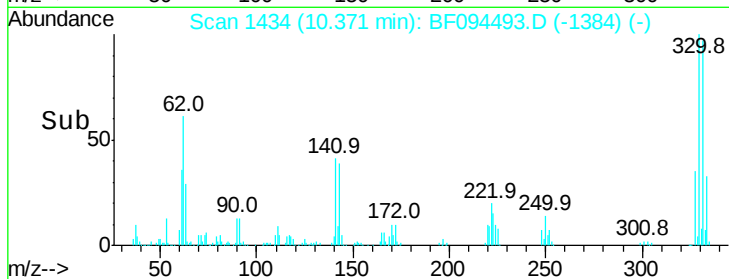
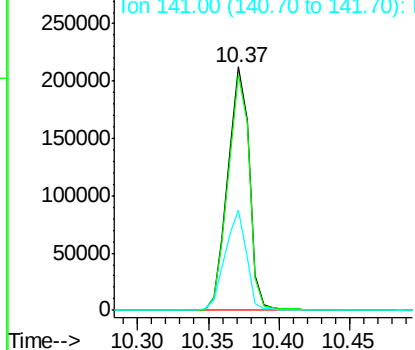
#41
 2,4,6-Tribromophenol
 Concen: 130.52 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094493.D
 Acq: 18 Apr 2017 18:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 226849
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 115.0
 141 40.6 31.4 47.2

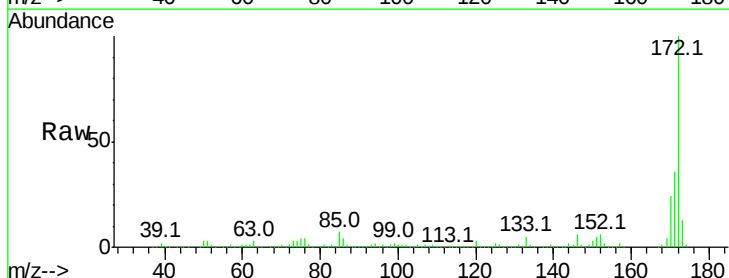


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

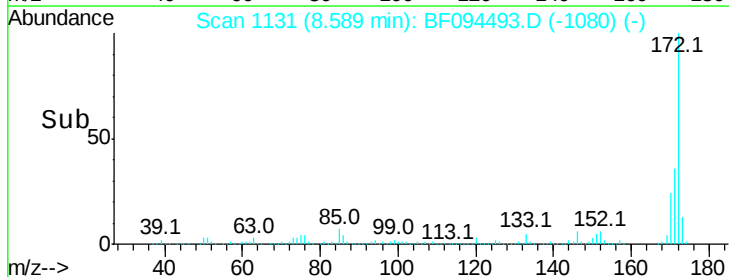
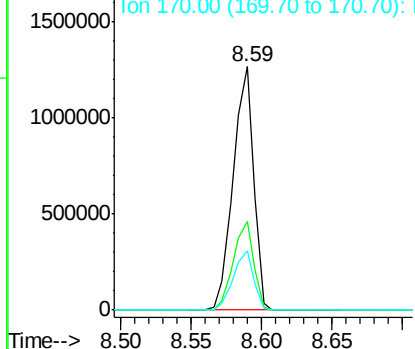


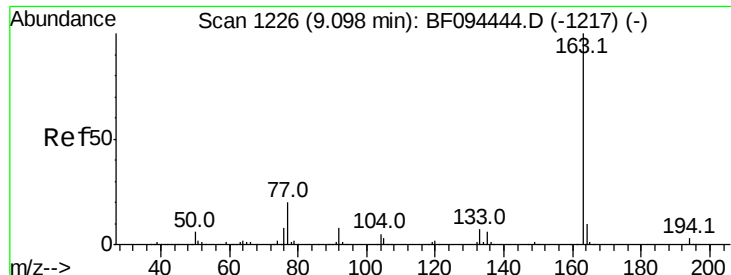
#44
 2-Fluorobiphenyl
 Concen: 84.88 ng
 RT: 8.59 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BF094493.D
 Acq: 18 Apr 2017 18:25

Tgt Ion:172 Resp: 1281839
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.2 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

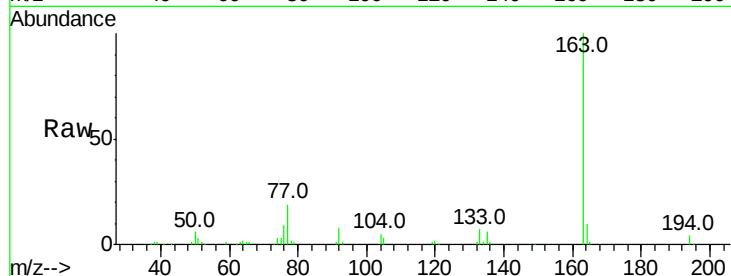




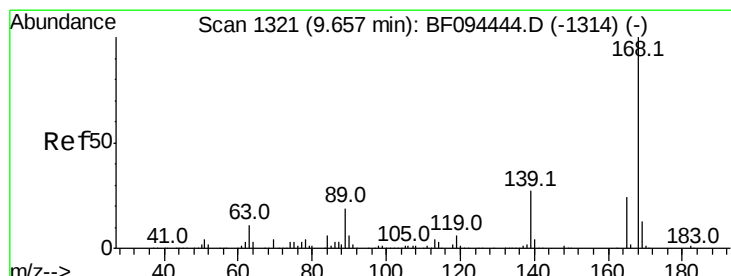
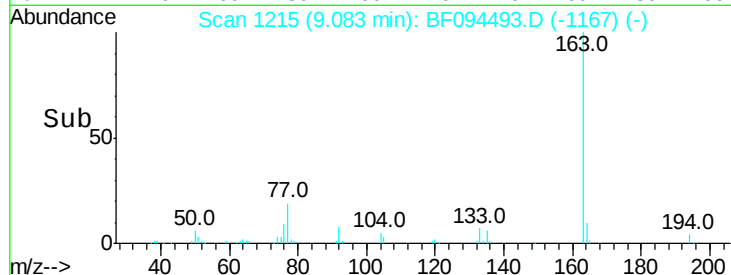
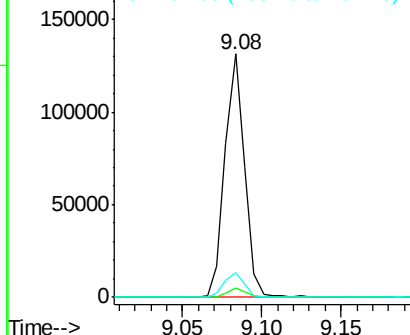
#49
 Dimethylphthalate
 Concen: 6.81 ng
 RT: 9.08 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF094493.D
 Acq: 18 Apr 2017 18:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.6	4.0#
164	10.0	8.4	12.6

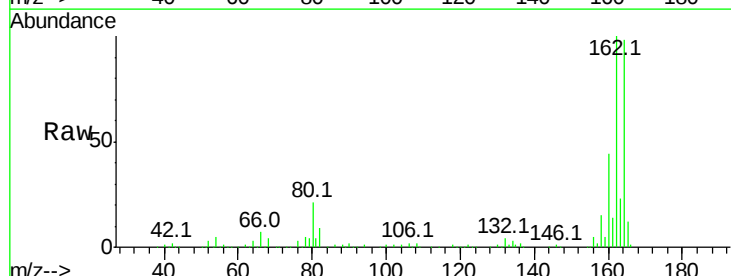


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

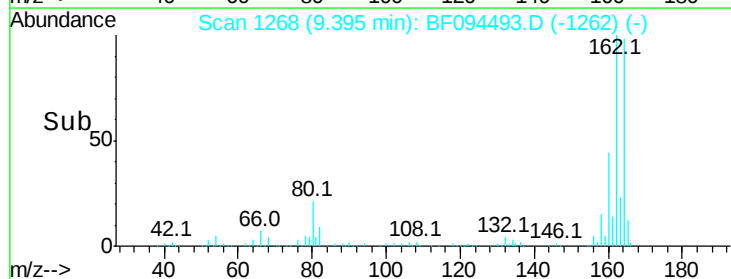
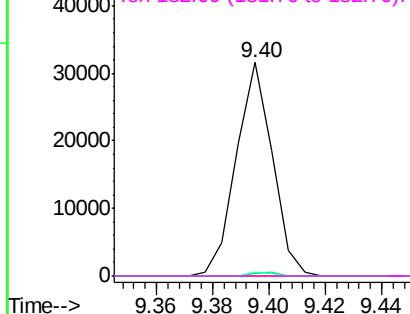


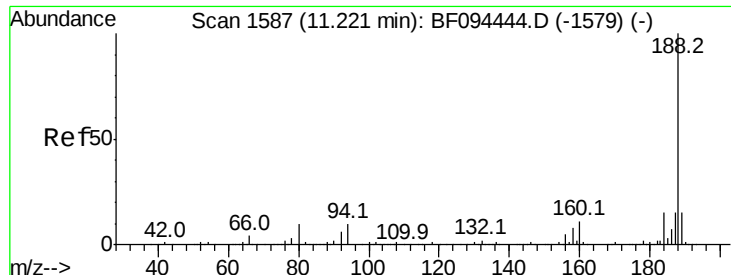
#56
 2,4-Dinitrotoluene
 Concen: 6.16 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.26 min
 Lab File: BF094493.D
 Acq: 18 Apr 2017 18:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	25.4	38.0#
89	1.6	46.4	69.6#
182	0.0	1.8	2.6#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

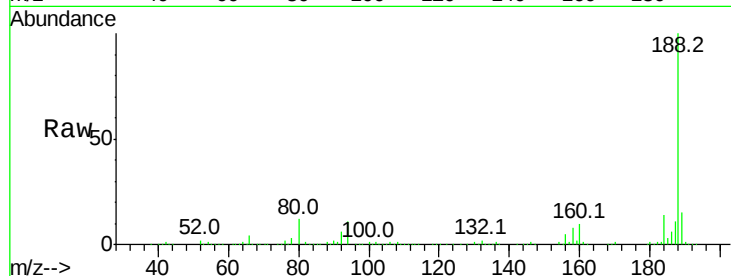




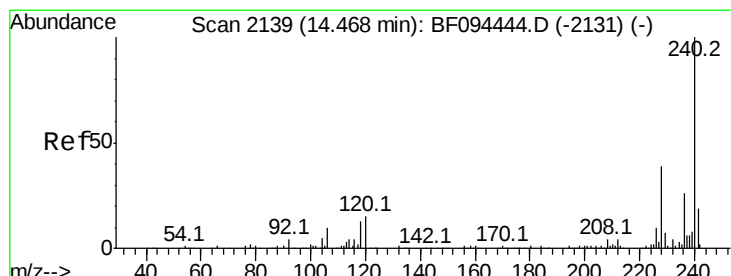
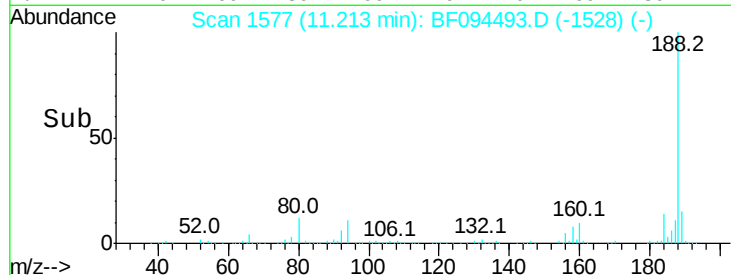
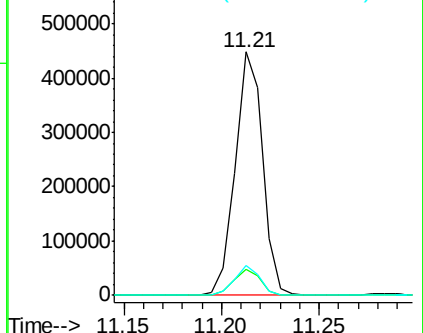
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF094493.D
 Acq: 18 Apr 2017 18:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 435908
 Ion Ratio Lower Upper
 188 100
 94 10.9 9.4 14.2
 80 12.1 10.2 15.2

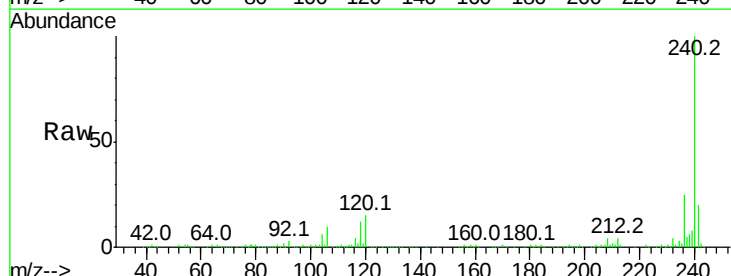


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

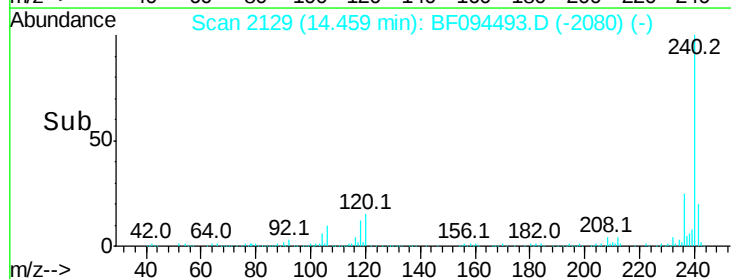
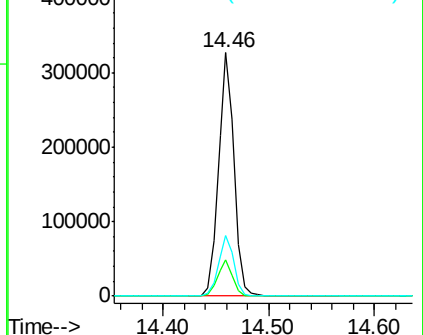


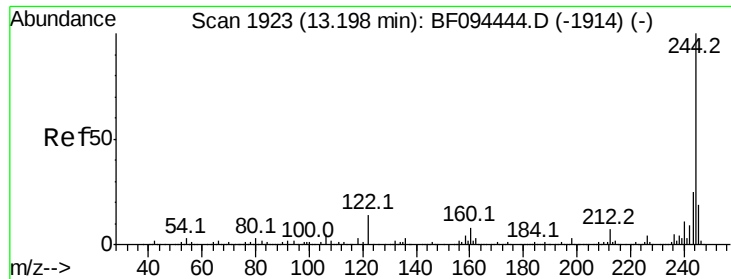
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.46 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BF094493.D
 Acq: 18 Apr 2017 18:25

Tgt Ion:240 Resp: 339388
 Ion Ratio Lower Upper
 240 100
 120 14.8 5.8 8.8#
 236 25.1 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

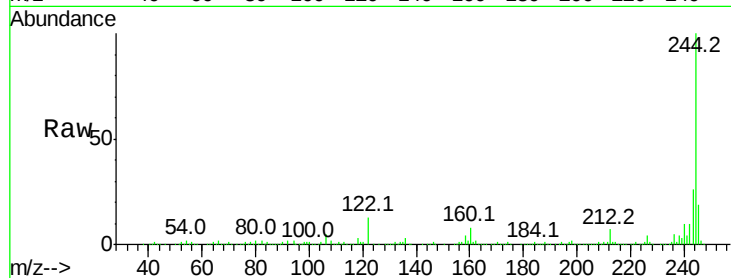




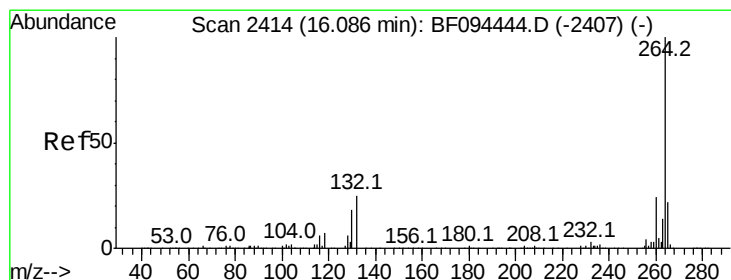
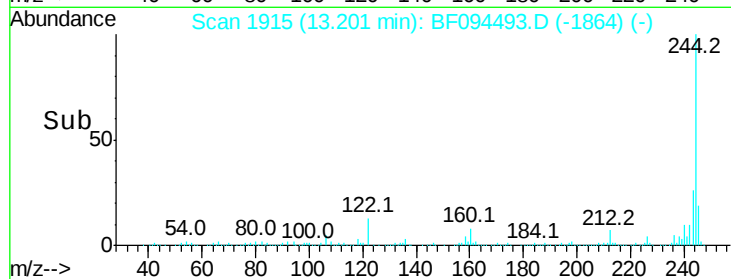
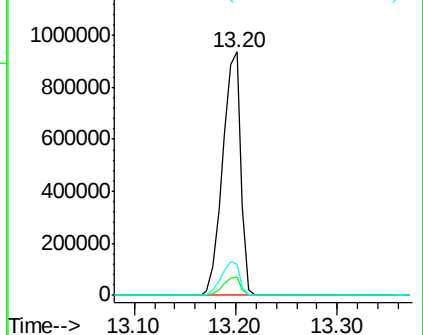
#78
 Terphenyl-d14
 Concen: 91.06 ng
 RT: 13.20 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: BF094493.D
 Acq: 18 Apr 2017 18:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1156239
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 12.6 10.3 15.5

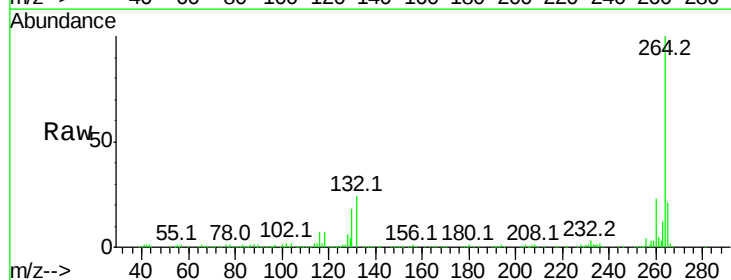


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2405
 Delta R.T. -0.00 min
 Lab File: BF094493.D
 Acq: 18 Apr 2017 18:25

Tgt Ion:264 Resp: 274052
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.5 29.3
 265 21.3 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

