

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
 Data File : BF094367.D
 Acq On : 11 Apr 2017 23:04
 Operator : SJ/MA
 Sample : I2625-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 12 00:53:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

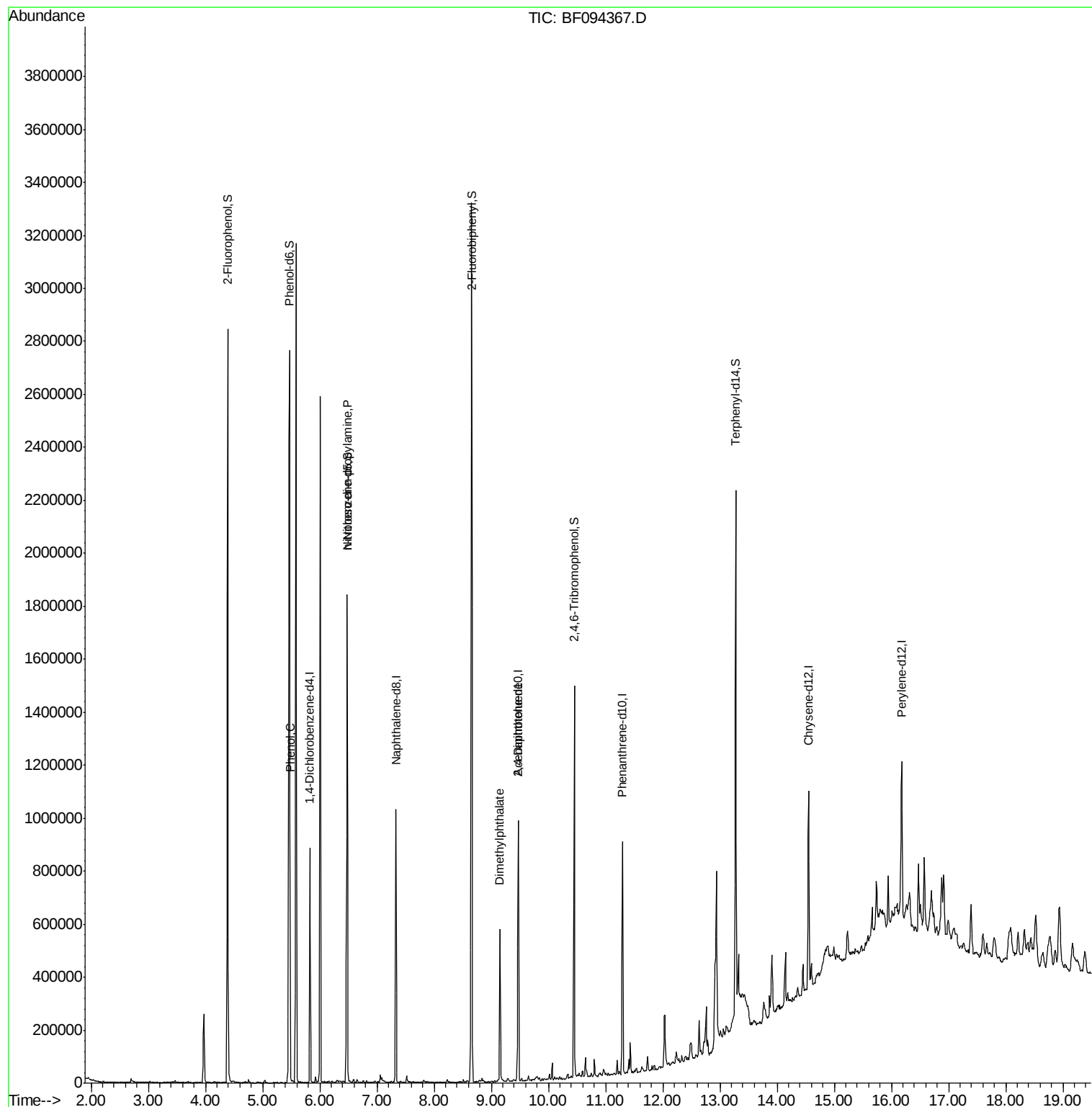
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.83	152	138675	20.00	ng	-0.03
21) Naphthalene-d8	7.33	136	538333	20.00	ng	-0.03
38) Acenaphthene-d10	9.47	164	224066	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	357994	20.00	ng	-0.03
75) Chrysene-d12	14.55	240	288059	20.00	ng	-0.02
86) Perylene-d12	16.18	264	223196	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.39	112	880329	107.22	ng	0.00
7) Phenol-d6	5.47	99	1154247	113.64	ng	0.00
23) Nitrobenzene-d5	6.48	82	710817	75.35	ng	-0.03
41) 2,4,6-Tribromophenol	10.45	330	181550	102.54	ng	-0.02
44) 2-Fluorobiphenyl	8.66	172	1187900	80.86	ng	-0.03
78) Terphenyl-d14	13.28	244	733510	57.08	ng	-0.02
Target Compounds						
10) Phenol	5.48	94	74758	6.47	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	6.48	70	94913	14.54	ng	# 76
49) Dimethylphthalate	9.15	163	264658	16.62	ng	99
56) 2,4-Dinitrotoluene	9.47	165	28609	6.24	ng	# 33

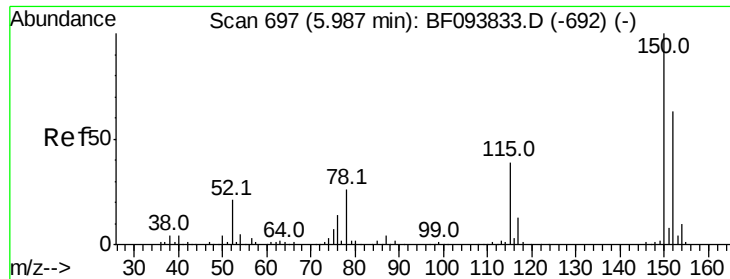
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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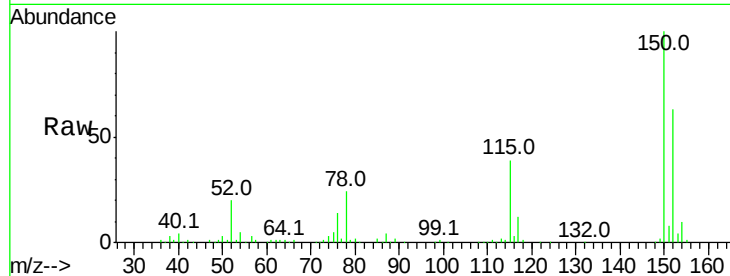


#1

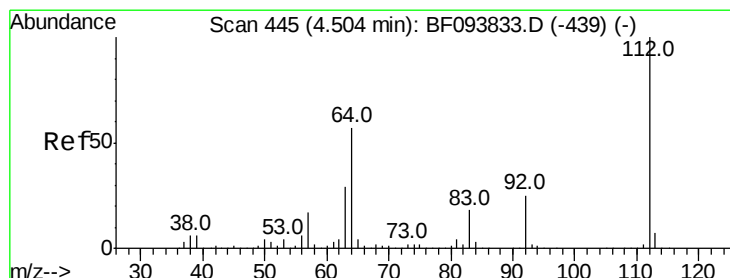
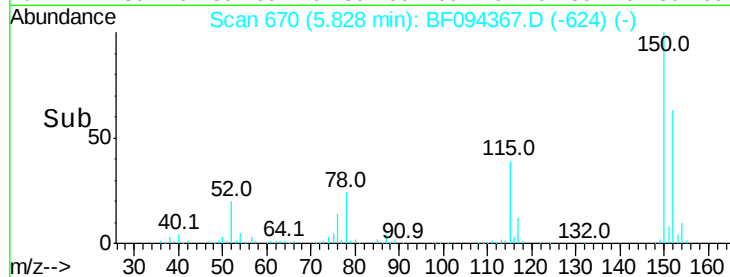
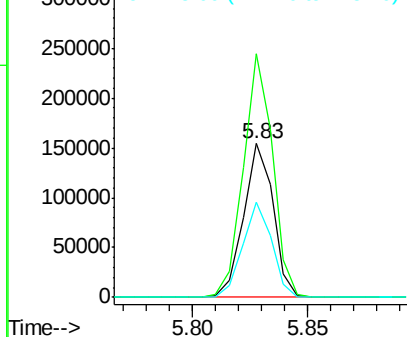
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.83 min Scan# 670
Delta R.T. -0.03 min
Lab File: BF094367.D
Acq: 11 Apr 2017 23:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 138675
Ion Ratio Lower Upper
152 100
150 158.5 126.2 189.2
115 62.3 52.2 78.2



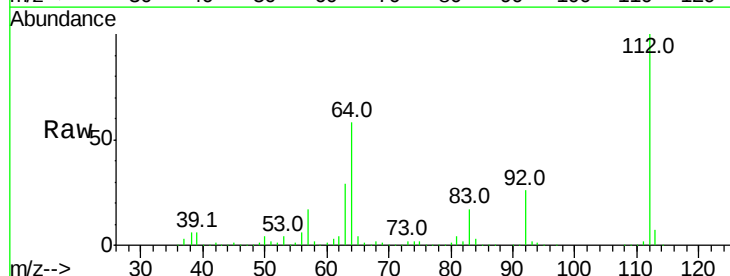
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



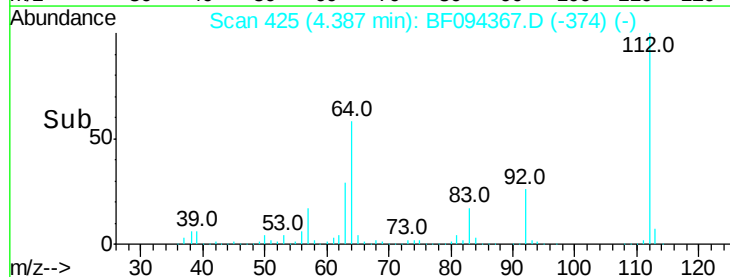
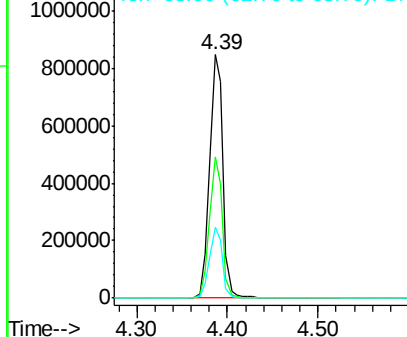
#5

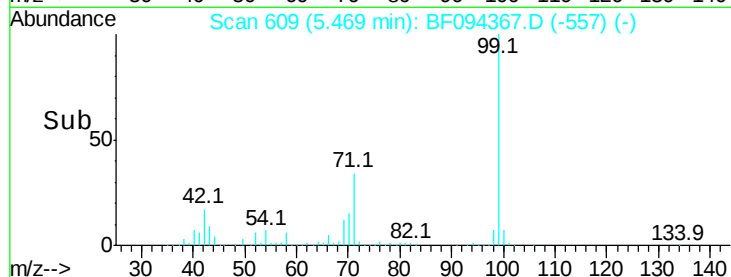
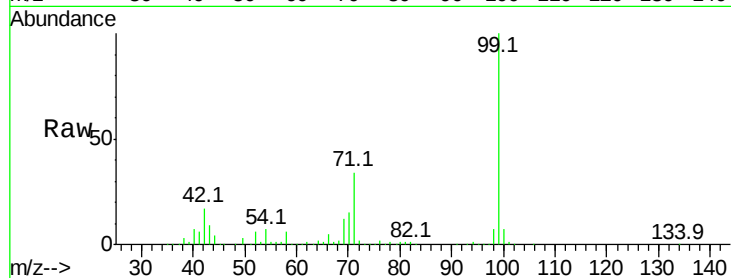
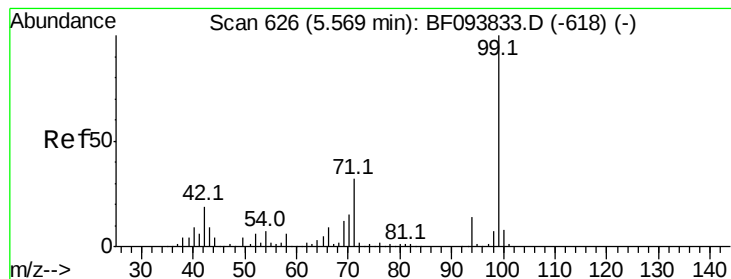
2-Fluorophenol
Concen: 107.22 ng
RT: 4.39 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF094367.D
Acq: 11 Apr 2017 23:04

Tgt Ion:112 Resp: 880329
Ion Ratio Lower Upper
112 100
64 58.0 46.0 69.0
63 28.9 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: 113.64 ng

RT: 5.47 min Scan# 609

Delta R.T. 0.01 min

Lab File: BF094367.D

Acq: 11 Apr 2017 23:04

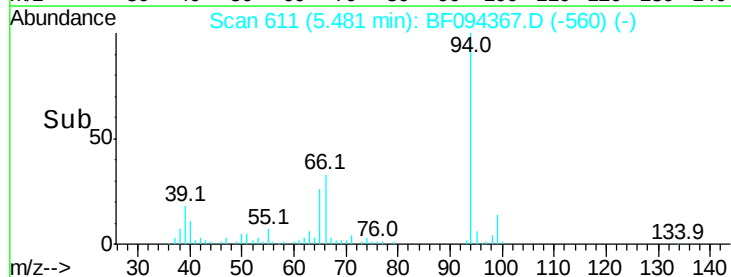
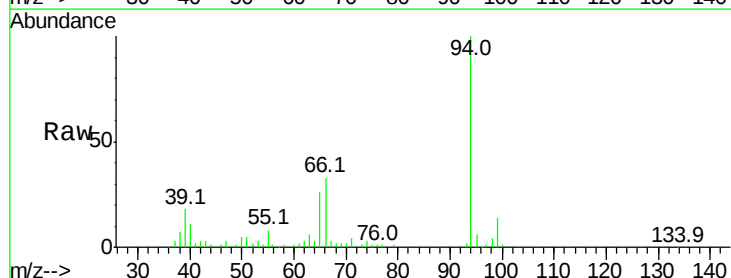
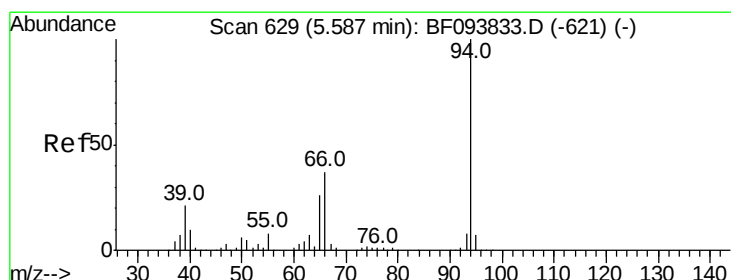
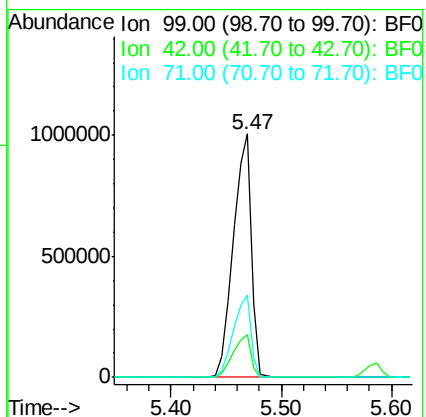
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1154247

Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.5	20.3
71	33.6	24.5	36.7



#10

Phenol

Concen: 6.47 ng

RT: 5.48 min Scan# 611

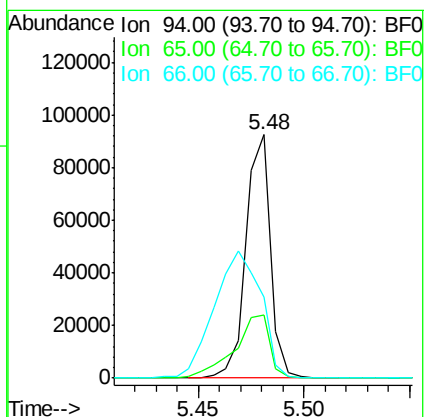
Delta R.T. -0.00 min

Lab File: BF094367.D

Acq: 11 Apr 2017 23:04

Tgt Ion: 94 Resp: 74758

Ion	Ratio	Lower	Upper
94	100		
65	26.2	9.9	49.9
66	33.2	23.1	63.1





#19

n-Nitroso-di-n-propylamine

Concen: 14.54 ng

RT: 6.48 min Scan# 781

Delta R.T. 0.14 min

Lab File: BF094367.D

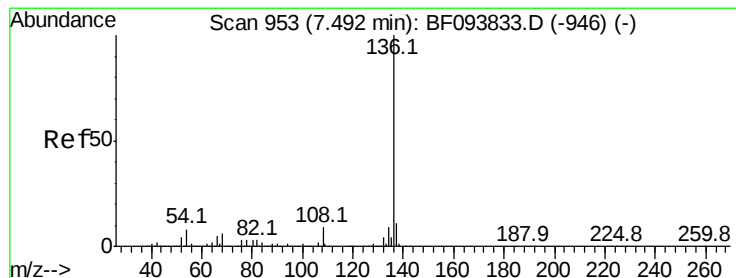
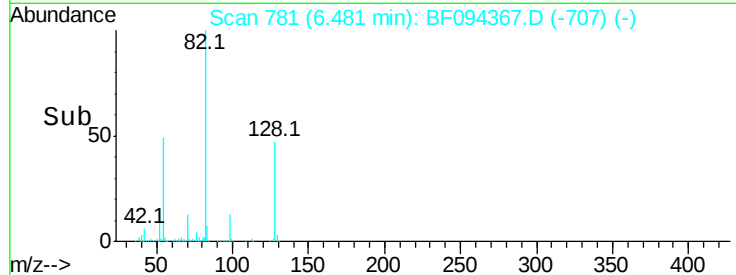
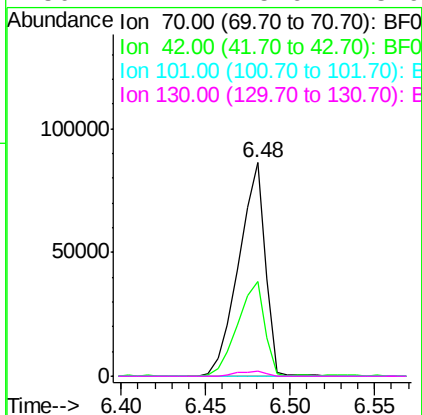
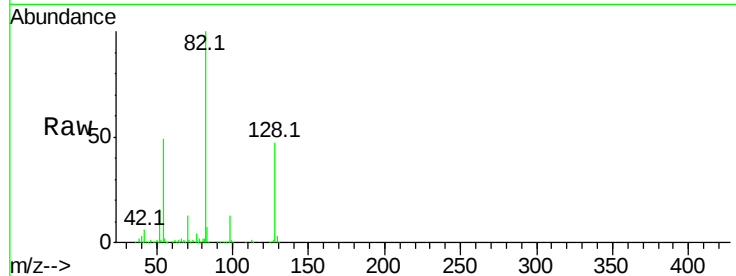
Acq: 11 Apr 2017 23:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	94913
Ion	Ratio	Lower	Upper
70	100		
42	44.5	47.2	70.8#
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

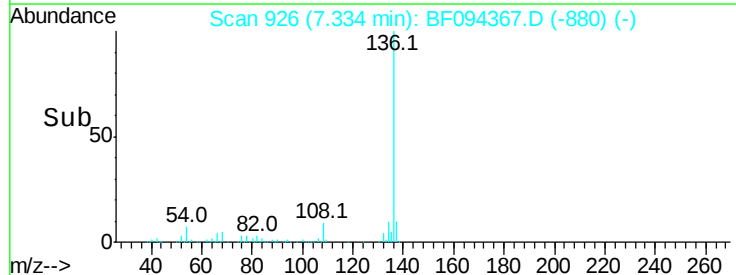
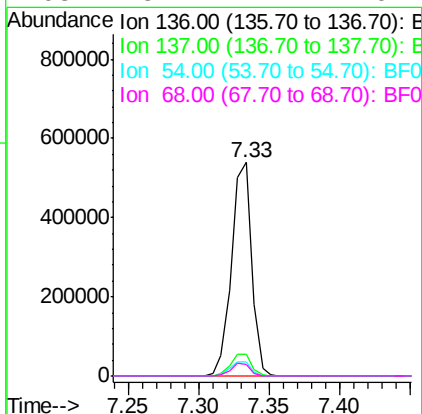
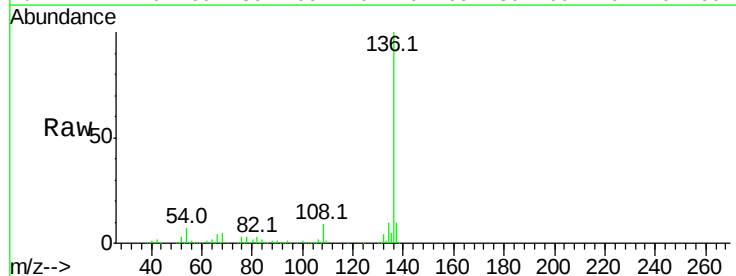
RT: 7.33 min Scan# 926

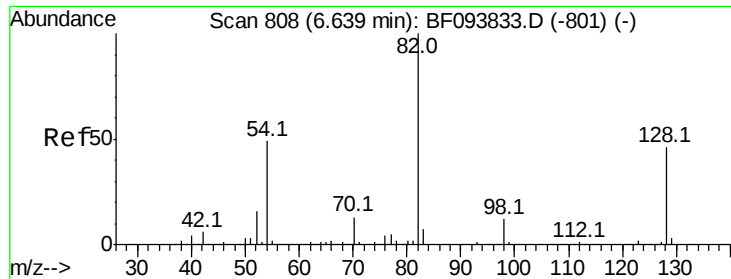
Delta R.T. -0.03 min

Lab File: BF094367.D

Acq: 11 Apr 2017 23:04

Tgt Ion:	136	Resp:	538333
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	6.8	4.9	7.3
68	5.2	4.1	6.1

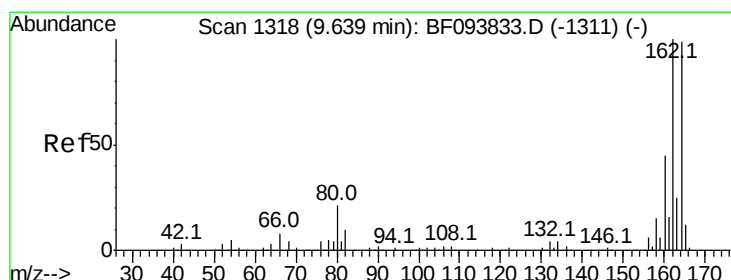
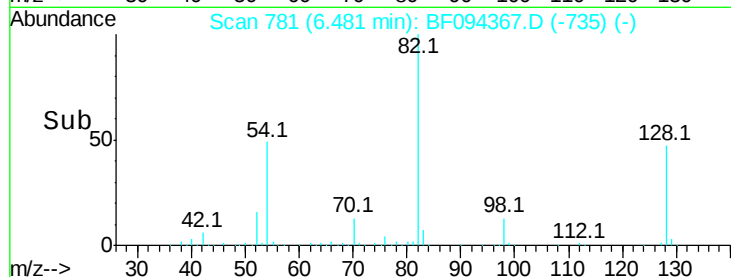
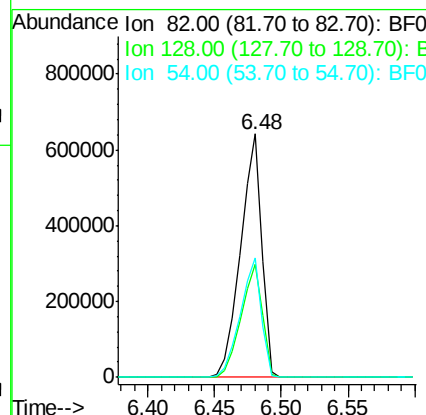
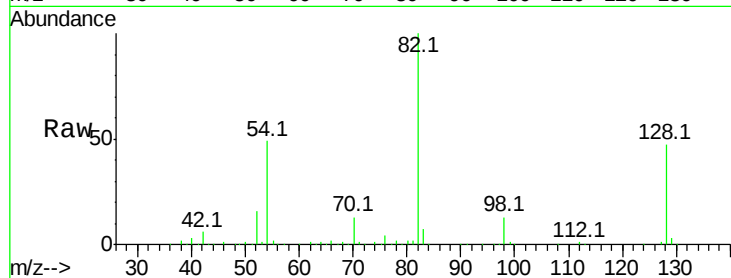




#23
Nitrobenzene-d5
Concen: 75.35 ng
RT: 6.48 min Scan# 781
Delta R.T. -0.03 min
Lab File: BF094367.D
Acq: 11 Apr 2017 23:04

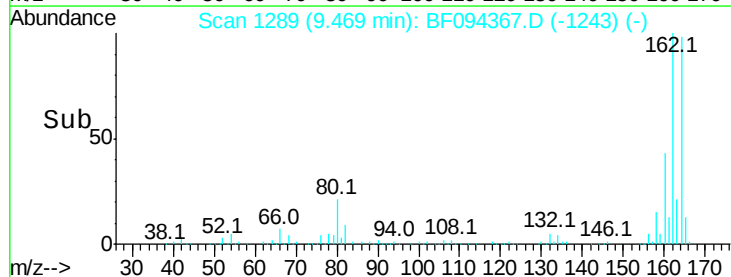
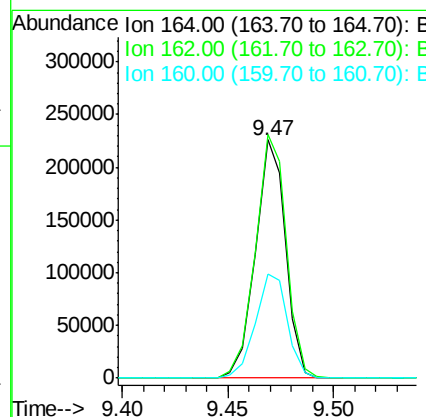
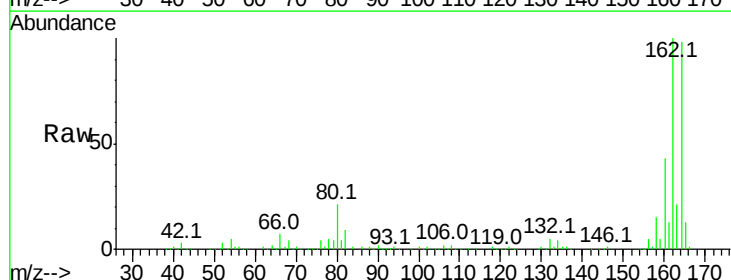
Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	710817
Ion Ratio	100	Lower	Upper
128	46.6	34.0	51.0
54	48.9	42.2	63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.47 min Scan# 1289
Delta R.T. -0.03 min
Lab File: BF094367.D
Acq: 11 Apr 2017 23:04

Tgt Ion	164	Resp	224066
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	102.1	82.6	123.8
160	43.9	36.2	54.2

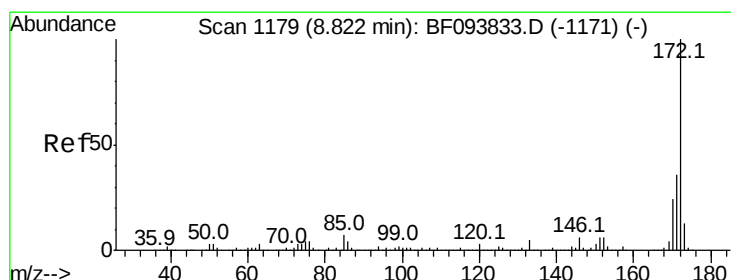
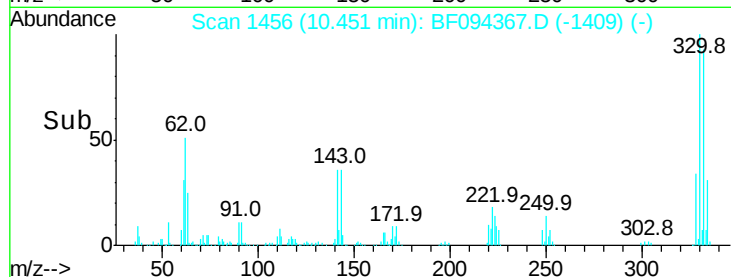
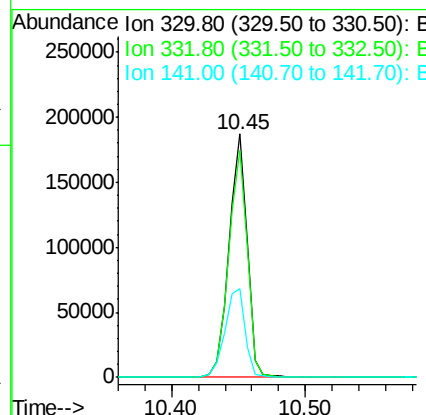
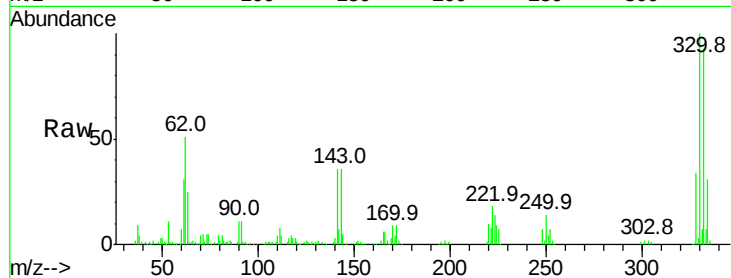




#41
 2,4,6-Tribromophenol
 Concen: 102.54 ng
 RT: 10.45 min Scan# 1456
 Delta R.T. -0.02 min
 Lab File: BF094367.D
 Acq: 11 Apr 2017 23:04

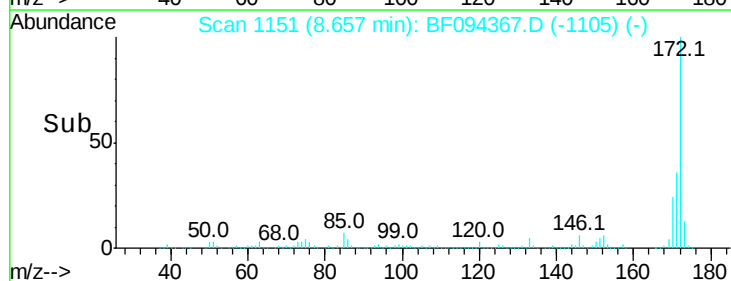
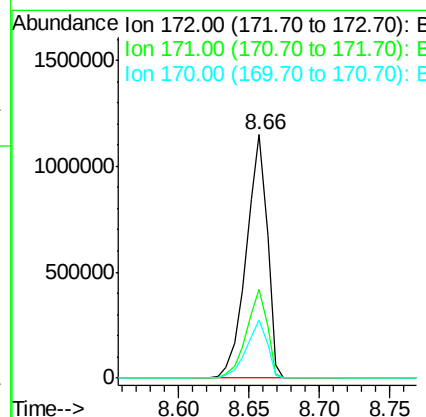
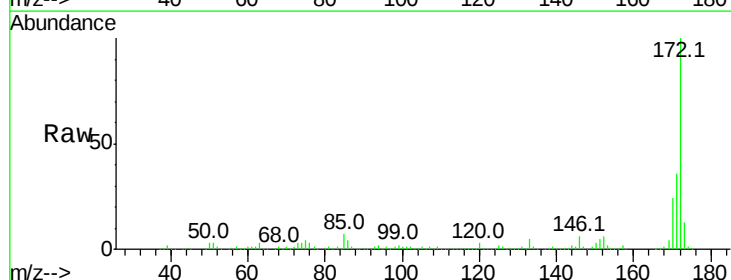
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.6	115.0
141	40.2	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 80.86 ng
 RT: 8.66 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF094367.D
 Acq: 11 Apr 2017 23:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.8	19.8	29.8

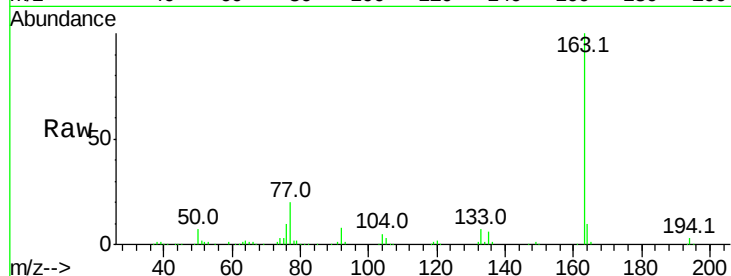




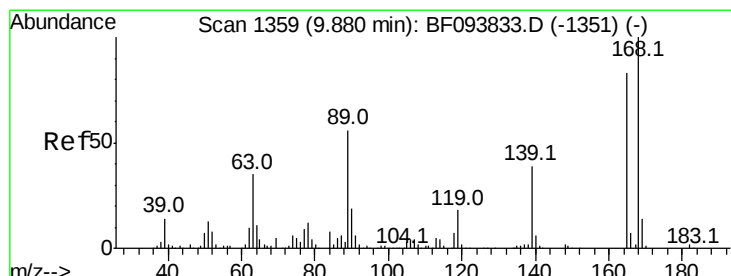
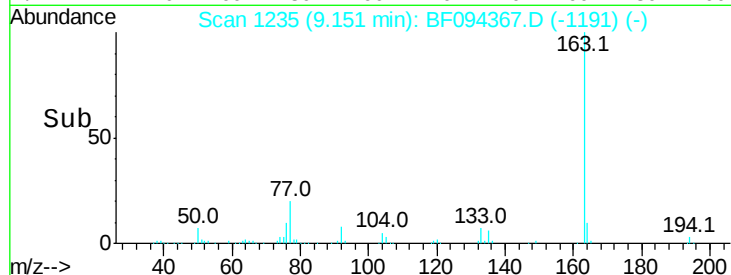
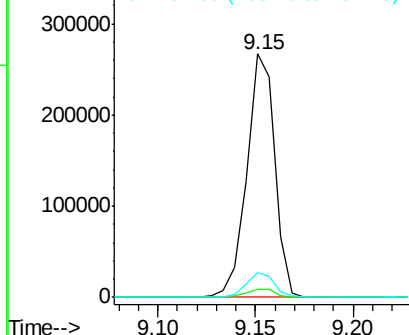
#49
Dimethylphthalate
Concen: 16.62 ng
RT: 9.15 min Scan# 1235
Delta R.T. -0.04 min
Lab File: BF094367.D
Acq: 11 Apr 2017 23:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 264658
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.1 8.4 12.6

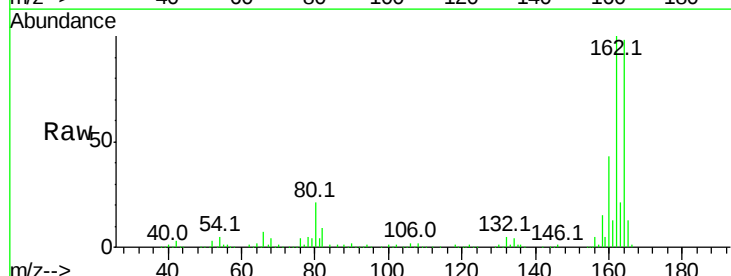


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

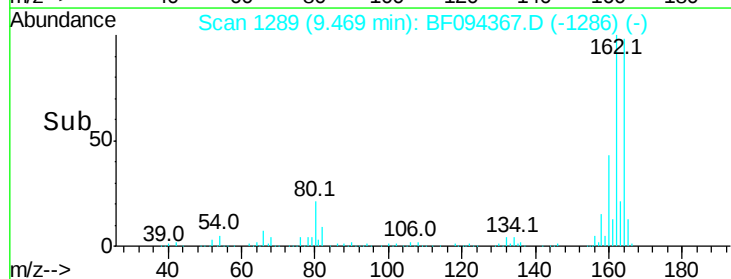
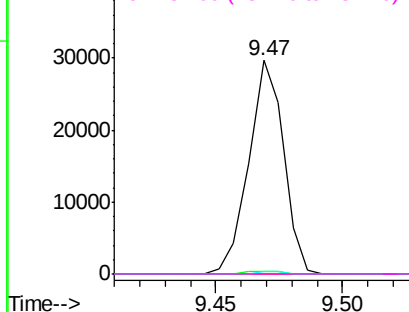


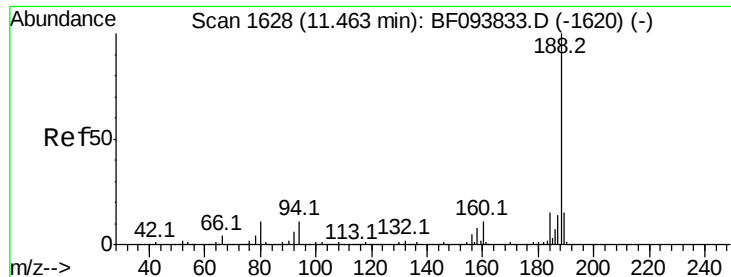
#56
2,4-Dinitrotoluene
Concen: 6.24 ng
RT: 9.47 min Scan# 1289
Delta R.T. -0.28 min
Lab File: BF094367.D
Acq: 11 Apr 2017 23:04

Tgt Ion:165 Resp: 28609
Ion Ratio Lower Upper
165 100
63 1.2 25.4 38.0#
89 1.3 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

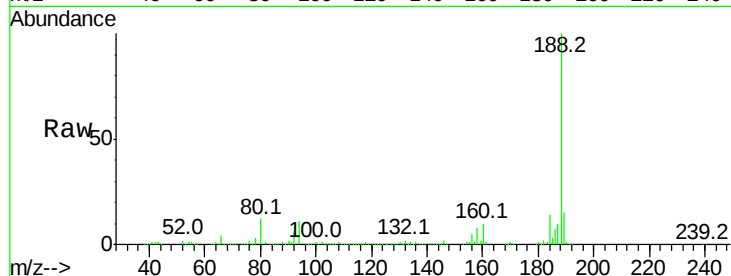




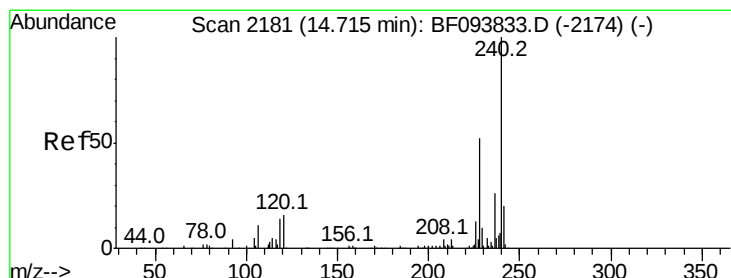
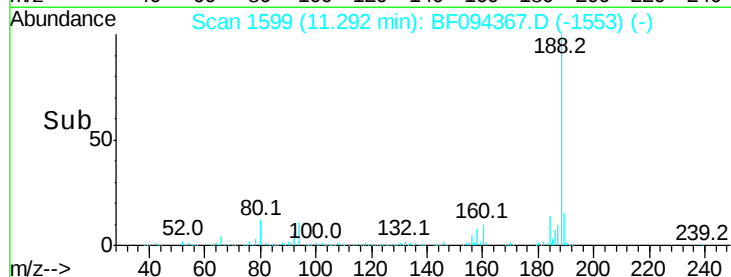
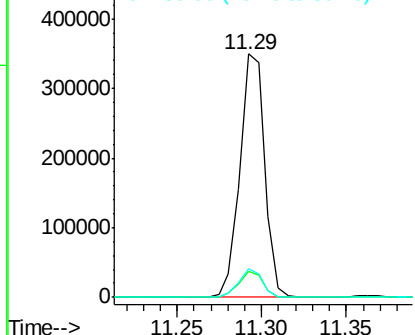
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1599
Delta R.T. -0.03 min
Lab File: BF094367.D
Acq: 11 Apr 2017 23:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 357994
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.2
80 11.8 10.2 15.2

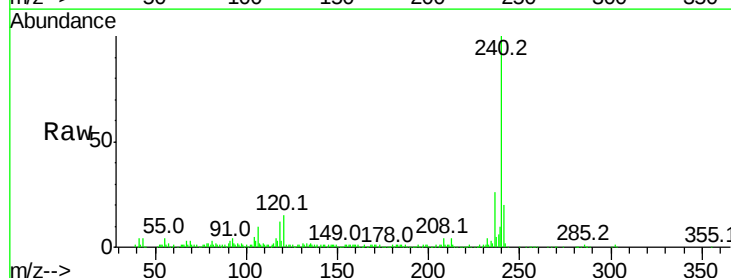


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

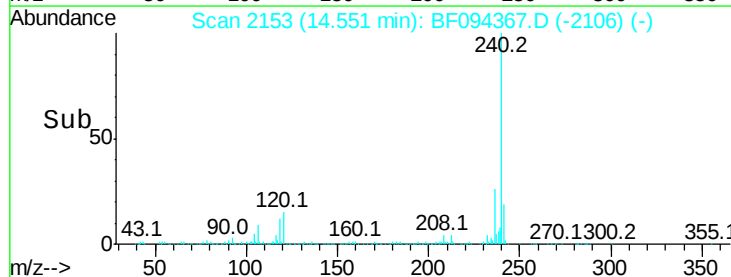
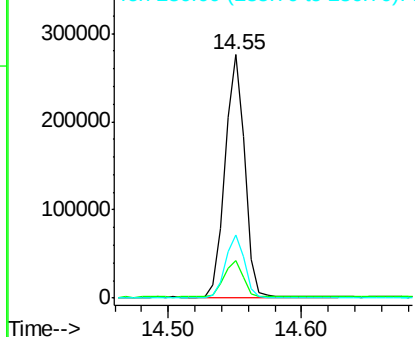


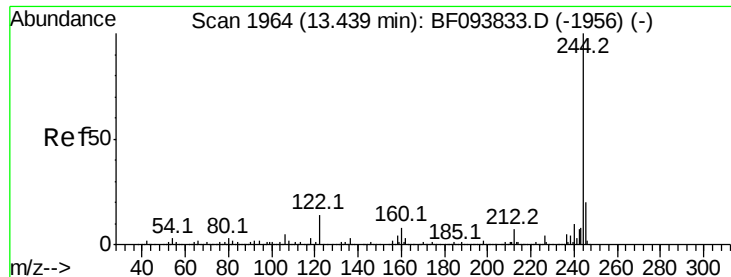
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.55 min Scan# 2153
Delta R.T. -0.02 min
Lab File: BF094367.D
Acq: 11 Apr 2017 23:04

Tgt Ion:240 Resp: 288059
Ion Ratio Lower Upper
240 100
120 15.2 5.8 8.8#
236 26.0 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: 57.08 ng

RT: 13.28 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BF094367.D

Acq: 11 Apr 2017 23:04

Instrument :

BNA_F

ClientSampleId :

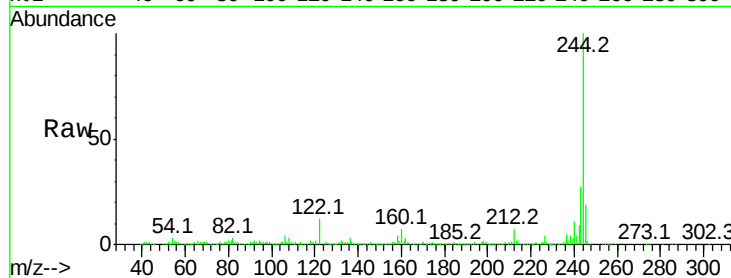
Tot Ion:244 Resp: 733510

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

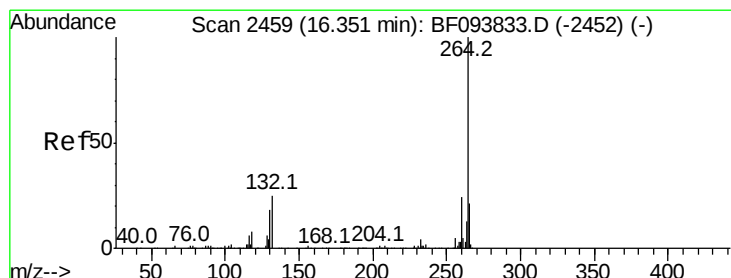
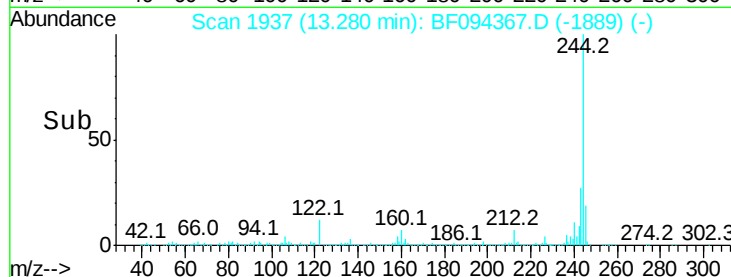
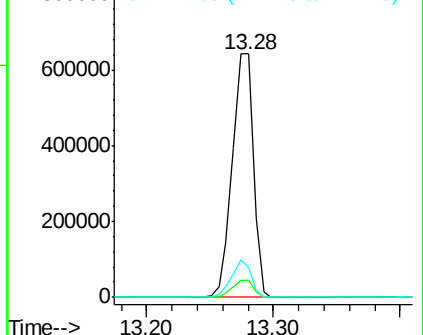
122 12.5 10.3 15.5



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: 16.18 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BF094367.D

Acq: 11 Apr 2017 23:04

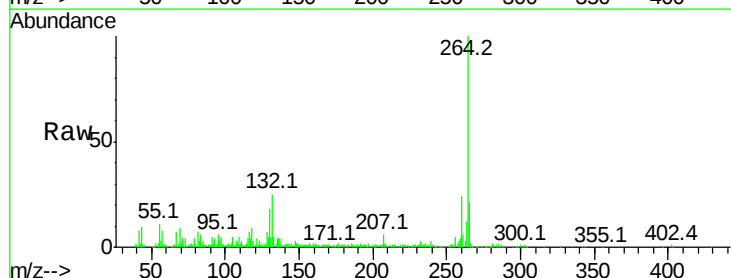
Tgt Ion:264 Resp: 223196

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 20.9 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

