

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042017\
 Data File : BF094545.D
 Acq On : 20 Apr 2017 15:27
 Operator : SJ/MA
 Sample : I2744-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 20 17:29:09 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

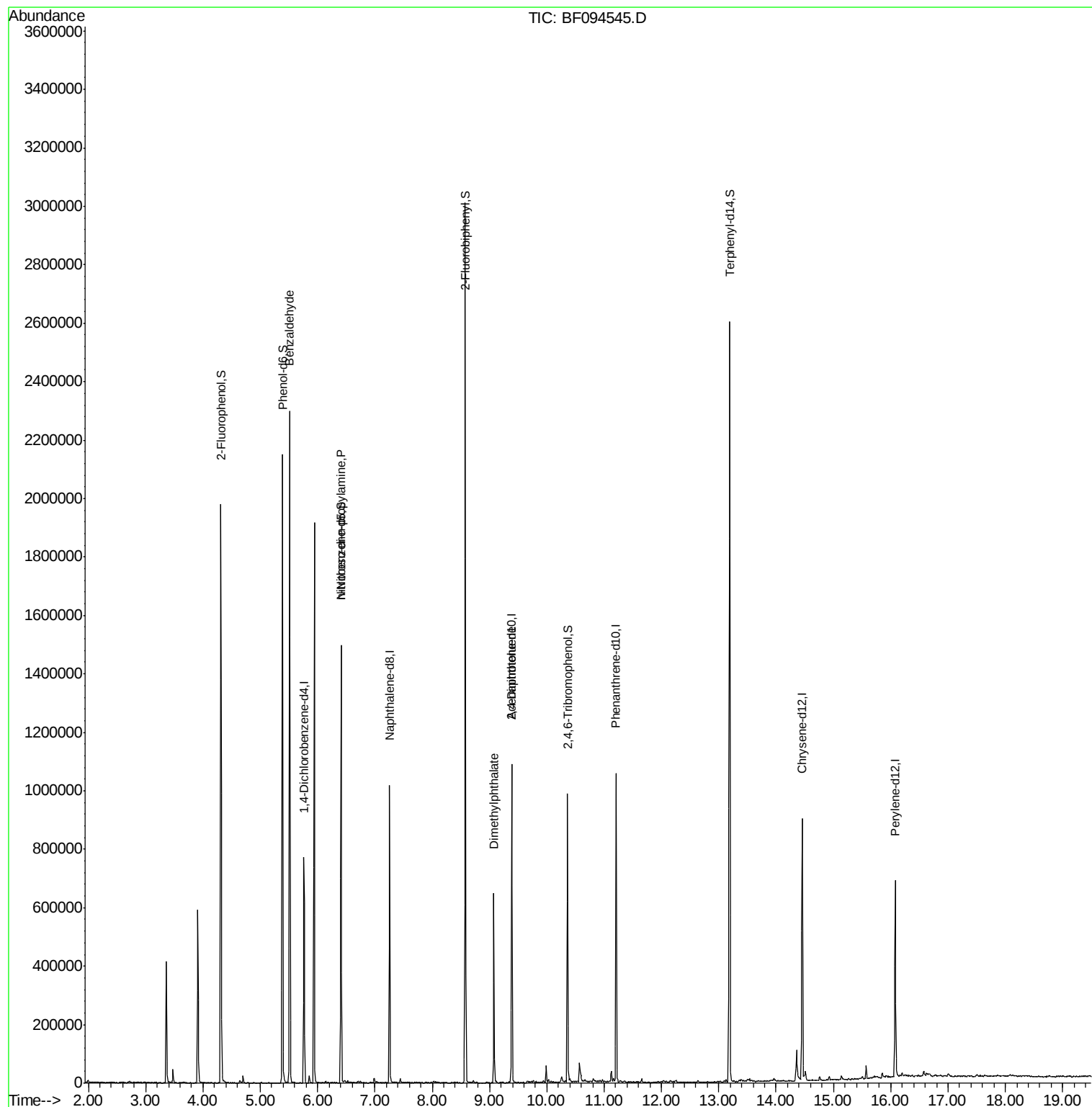
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	116967	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	484934	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	231569	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	431402	20.00	ng	-0.01
75) Chrysene-d12	14.45	240	351753	20.00	ng	-0.01
86) Perylene-d12	16.08	264	268027	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	553832	78.56	ng	0.00
7) Phenol-d6	5.39	99	805703	96.94	ng	0.00
23) Nitrobenzene-d5	6.41	82	516392	65.75	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	113751	62.80	ng	-0.01
44) 2-Fluorobiphenyl	8.58	172	1032250	65.59	ng	0.00
78) Terphenyl-d14	13.19	244	1006025	76.45	ng	0.00
Target Compounds						
9) Benzaldehyde	5.51	77	13424	2.12	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	6.41	70	68614	12.46	ng	# 75
49) Dimethylphthalate	9.08	163	271917	15.76	ng	100
56) 2,4-Dinitrotoluene	9.39	165	29483	6.20	ng	# 33

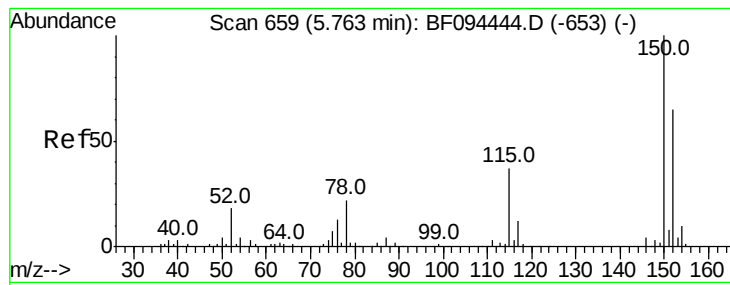
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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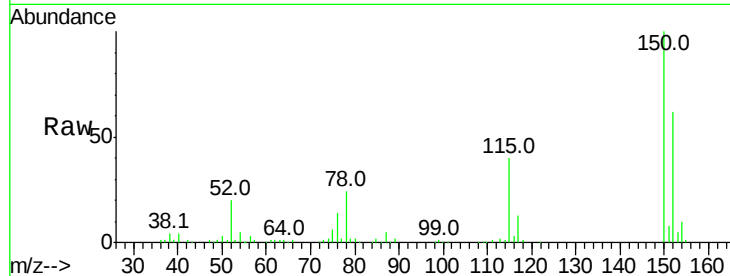


#1

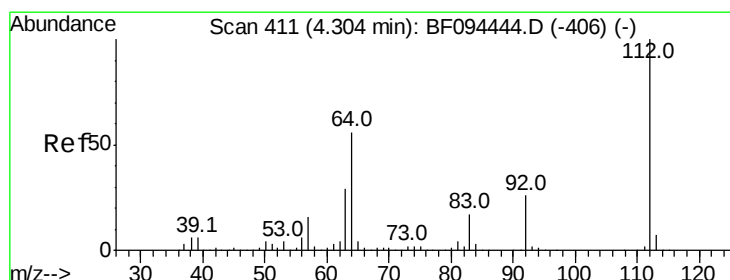
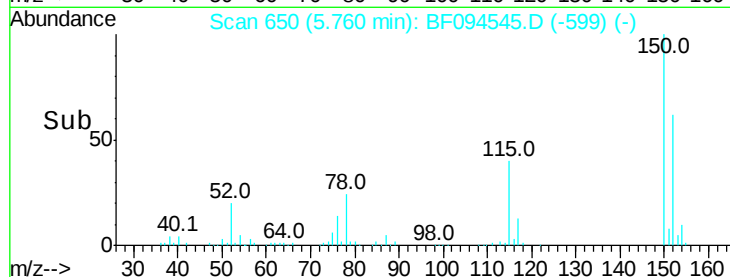
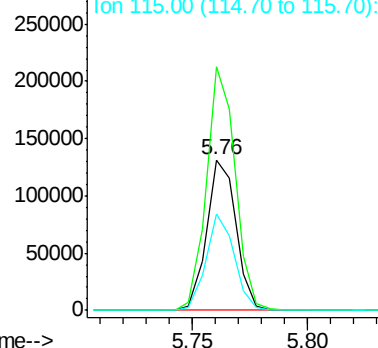
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF094545.D
Acq: 20 Apr 2017 15:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 116967
Ion Ratio Lower Upper
152 100
150 161.5 126.2 189.2
115 63.9 52.2 78.2



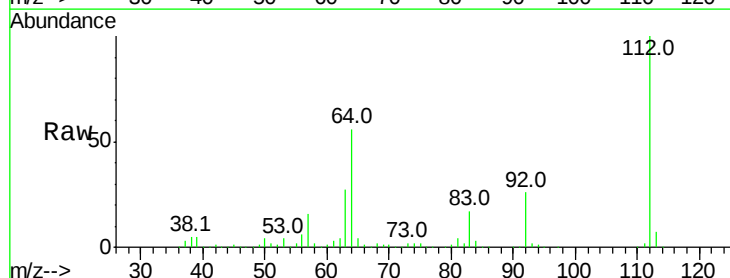
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



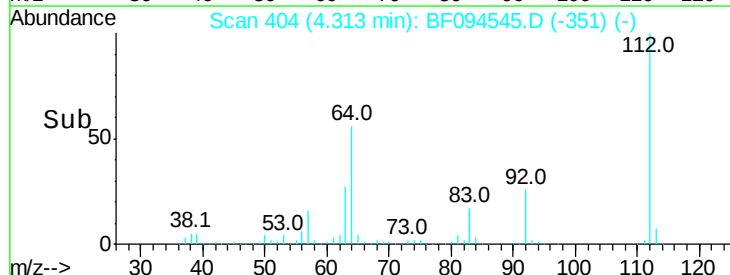
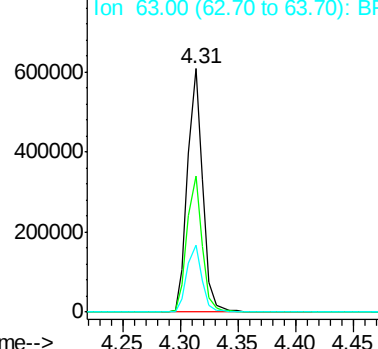
#5

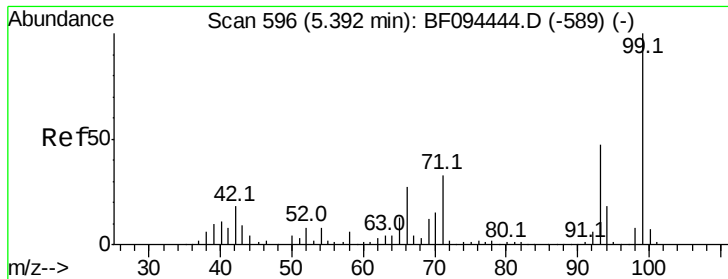
2-Fluorophenol
Concen: 78.56 ng
RT: 4.31 min Scan# 404
Delta R.T. 0.01 min
Lab File: BF094545.D
Acq: 20 Apr 2017 15:27

Tgt Ion:112 Resp: 553832
Ion Ratio Lower Upper
112 100
64 55.7 46.0 69.0
63 27.4 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: 96.94 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094545.D

Acq: 20 Apr 2017 15:27

Instrument :

BNA_F

ClientSampleId :

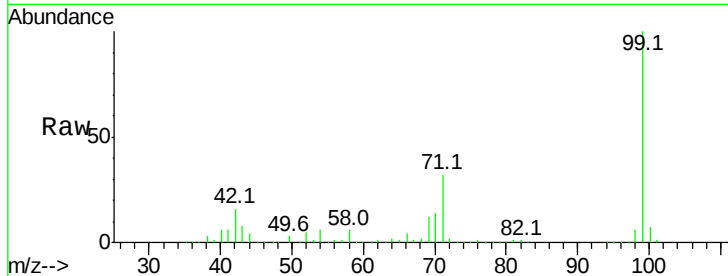
Tot Ion: 99 Resp: 805703

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

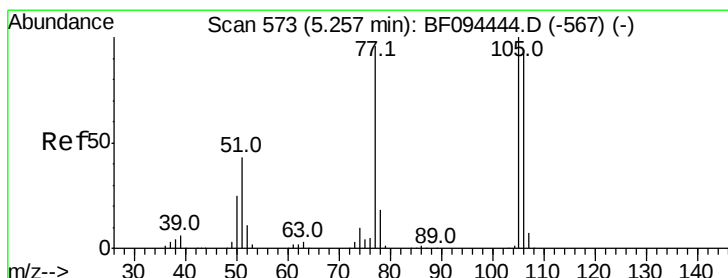
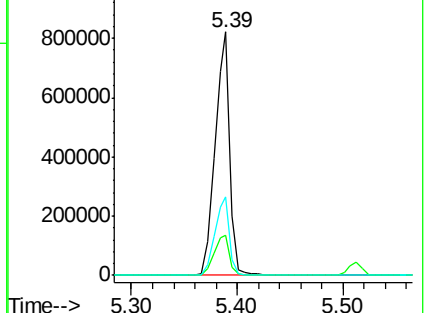
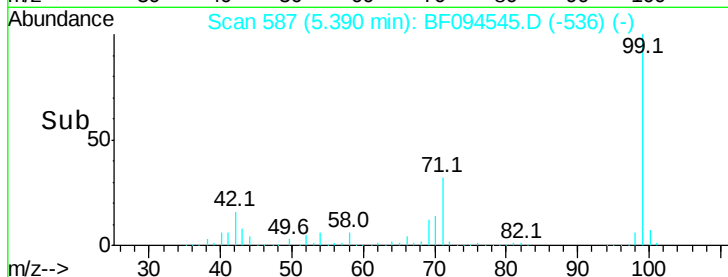
71 32.1 24.5 36.7



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



#9

Benzaldehyde

Concen: 2.12 ng

RT: 5.51 min Scan# 608

Delta R.T. 0.26 min

Lab File: BF094545.D

Acq: 20 Apr 2017 15:27

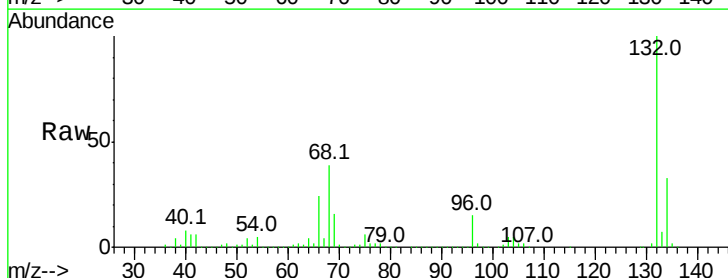
Tgt Ion: 77 Resp: 13424

Ion Ratio Lower Upper

77 100

105 87.6 83.8 123.8

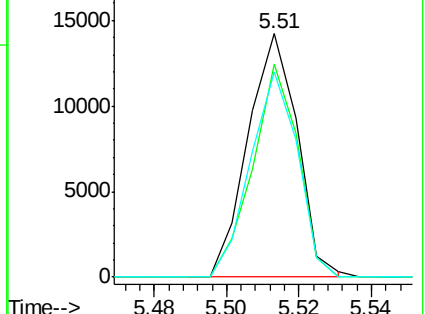
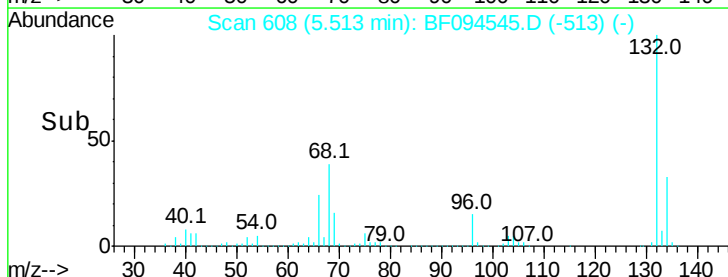
106 84.3 79.1 119.1

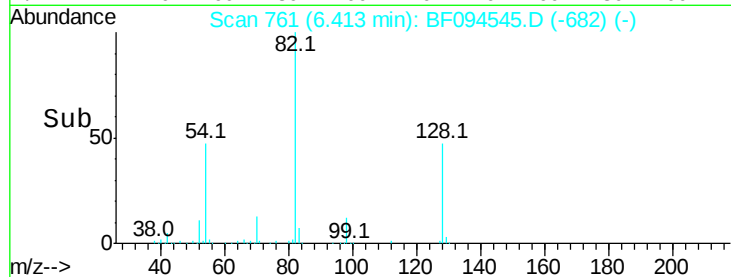
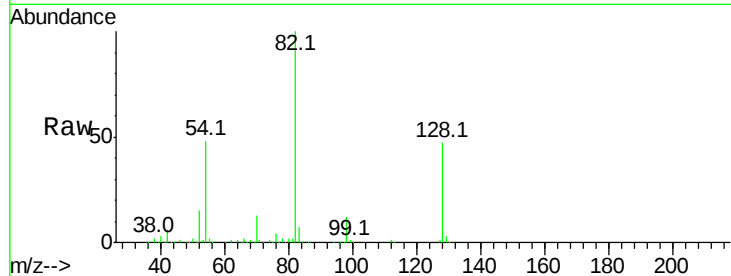
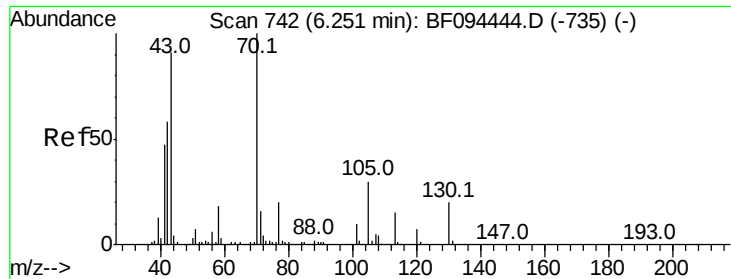


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

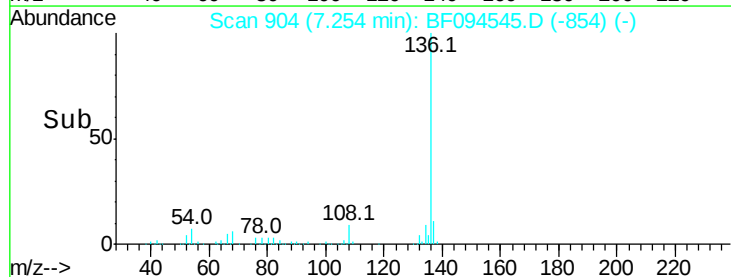
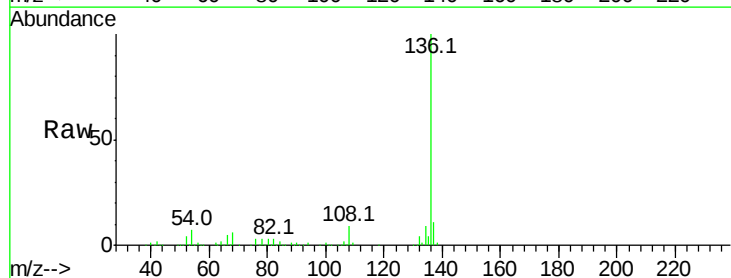
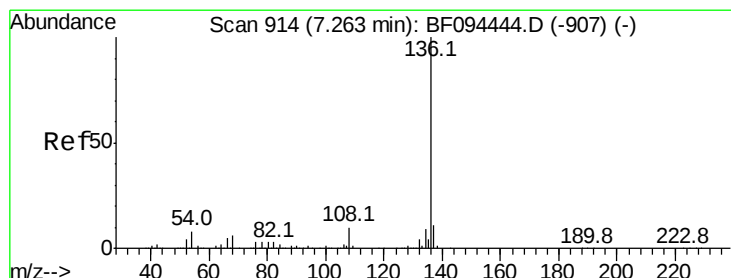
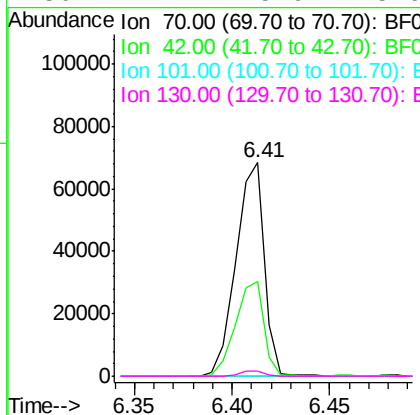




#19
n-Nitroso-di-n-propylamine
Concen: 12.46 ng
RT: 6.41 min Scan# 761
Delta R.T. 0.16 min
Lab File: BF094545.D
Acq: 20 Apr 2017 15:27

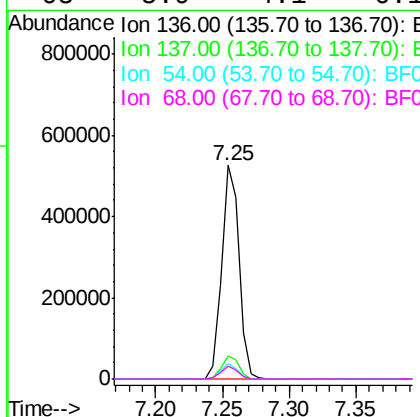
Instrument :
BNA_F
ClientSampleId :

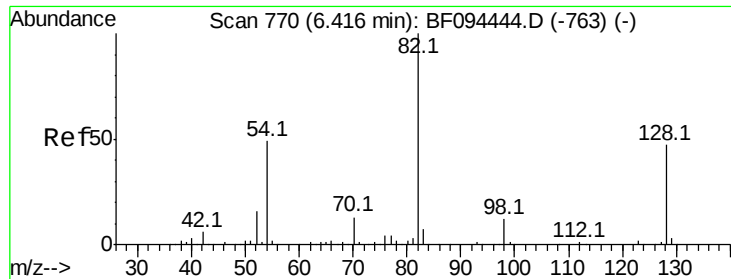
Tot Ion: 70 Resp: 68614
Ion Ratio Lower Upper
70 100
42 44.1 47.2 70.8#
101 0.0 7.2 10.8#
130 2.4 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.25 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF094545.D
Acq: 20 Apr 2017 15:27

Tgt Ion:136 Resp: 484934
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 7.2 4.9 7.3
68 5.9 4.1 6.1

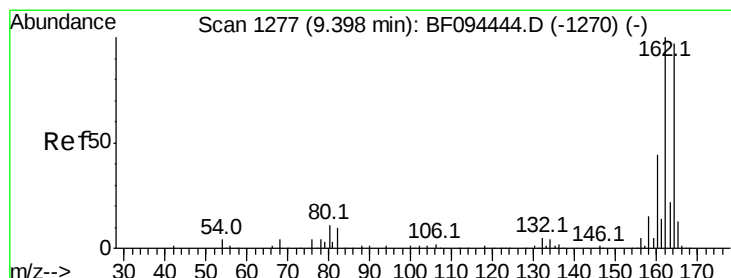
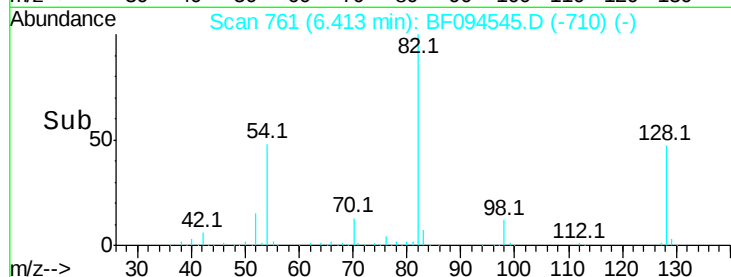
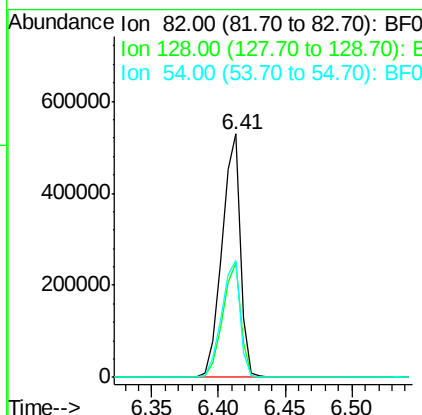
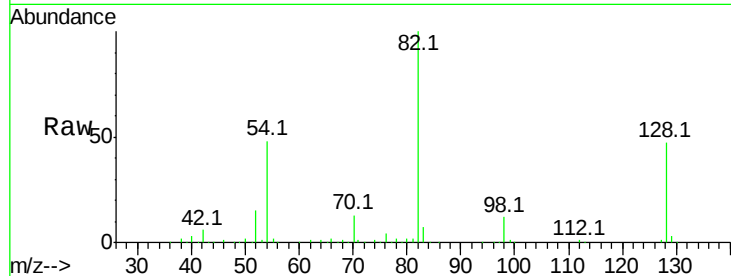




#23
 Nitrobenzene-d5
 Concen: 65.75 ng
 RT: 6.41 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF094545.D
 Acq: 20 Apr 2017 15:27

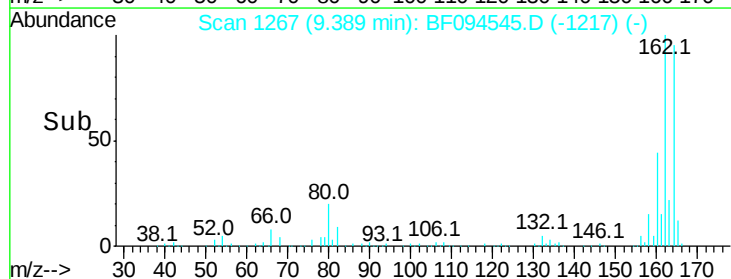
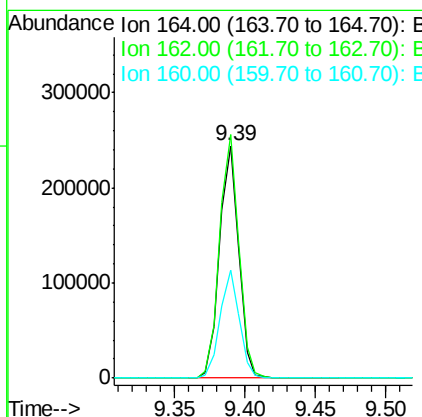
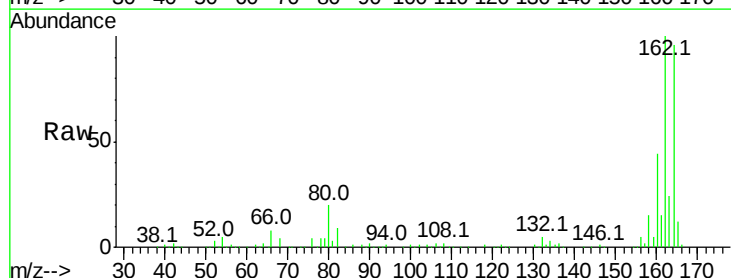
Instrument :
 BNA_F
 ClientSampleId :

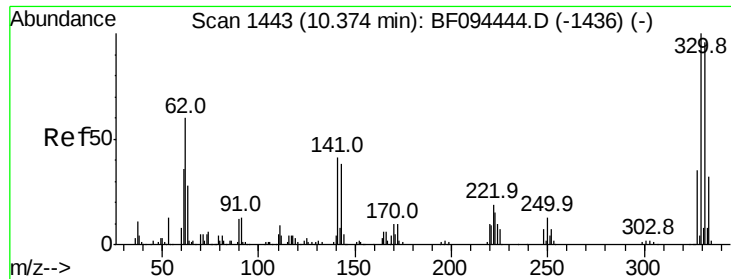
Tot Ion	82	Resp	516392
Ion Ratio	Lower	Upper	
82	100		
128	47.0	34.0	51.0
54	48.1	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF094545.D
 Acq: 20 Apr 2017 15:27

Tgt Ion	164	Resp	231569
Ion Ratio	Lower	Upper	
164	100		
162	104.7	82.6	123.8
160	46.5	36.2	54.2

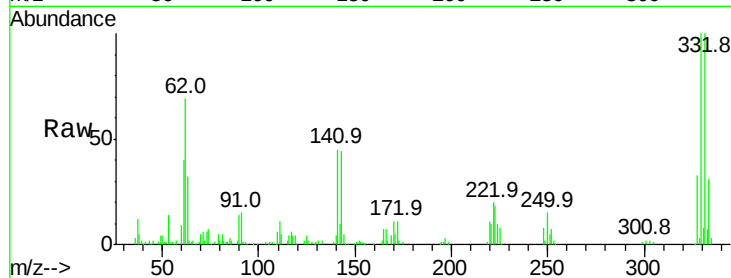




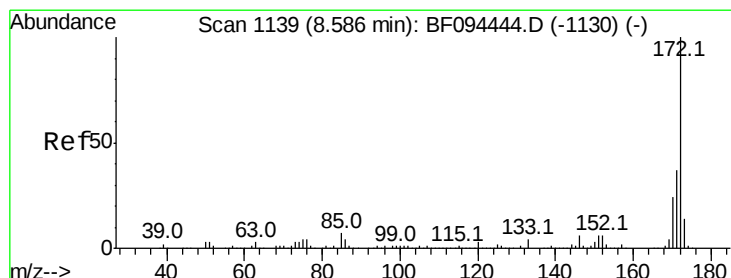
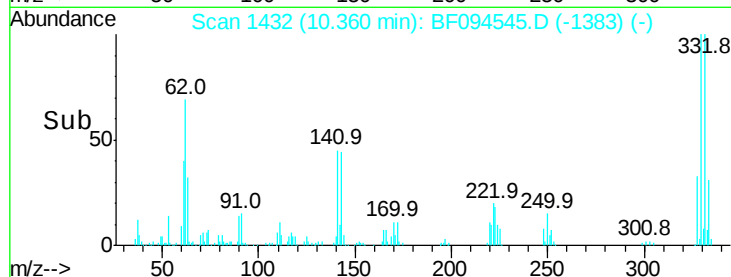
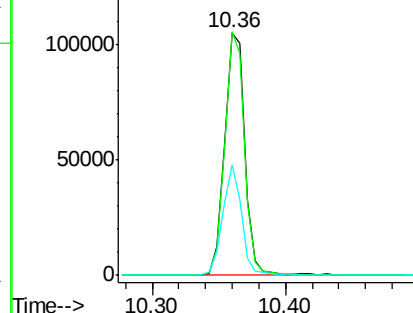
#41
 2,4,6-Tribromophenol
 Concen: 62.80 ng
 RT: 10.36 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF094545.D
 Acq: 20 Apr 2017 15:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 113751
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 115.0
 141 41.5 31.4 47.2

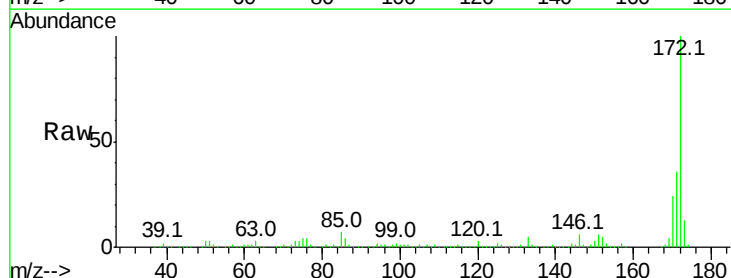


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

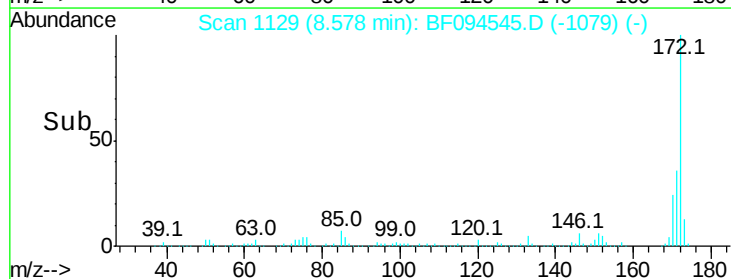
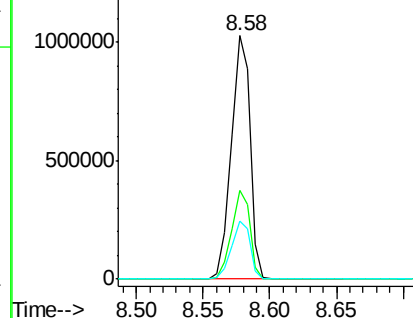


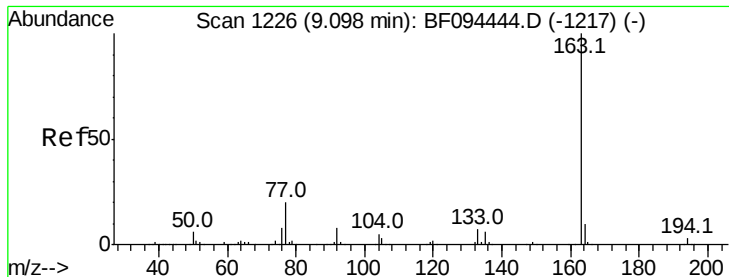
#44
 2-Fluorobiphenyl
 Concen: 65.59 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094545.D
 Acq: 20 Apr 2017 15:27

Tgt Ion:172 Resp: 1032250
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 23.8 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

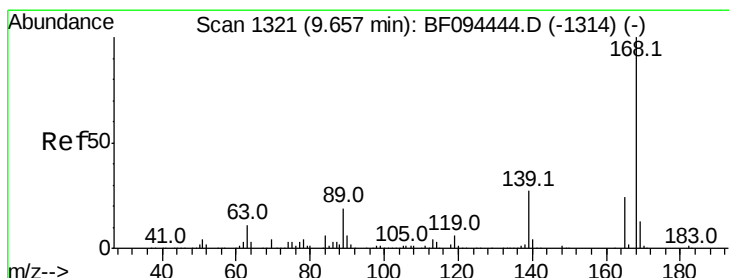
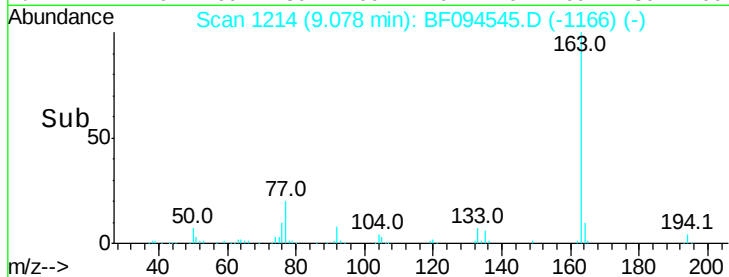
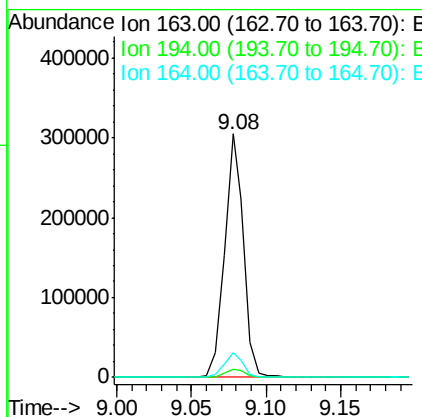
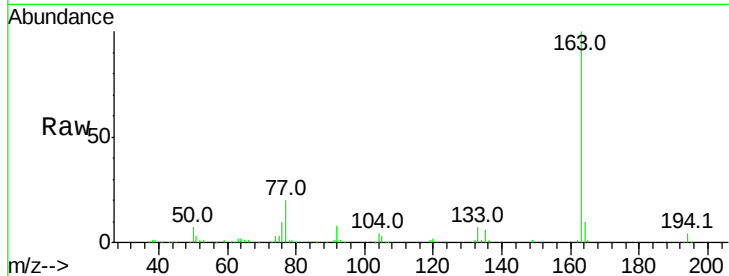




#49
 Dimethylphthalate
 Concen: 15.76 ng
 RT: 9.08 min Scan# 1214
 Delta R.T. -0.02 min
 Lab File: BF094545.D
 Acq: 20 Apr 2017 15:27

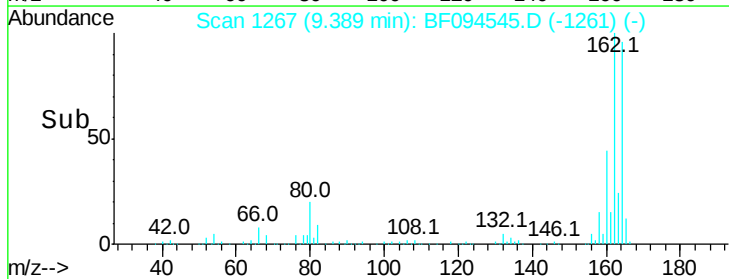
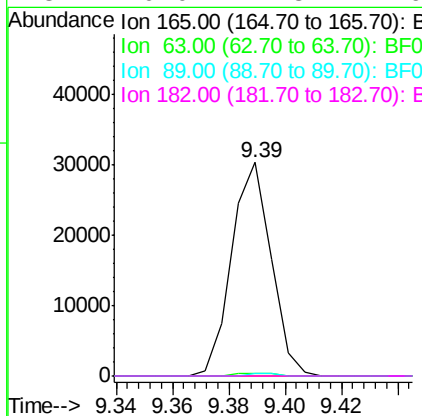
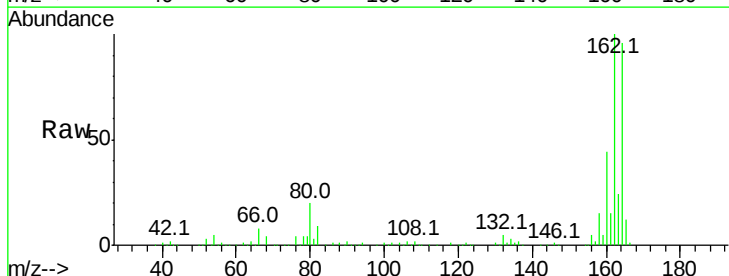
Instrument :
 BNA_F
 ClientSampleId :

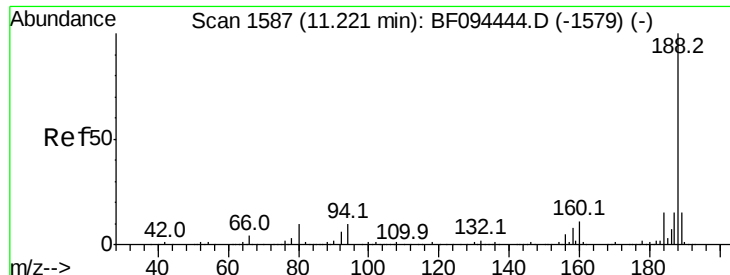
Tot Ion:	163	Resp:	271917
Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.4	8.4	12.6



#56
 2,4-Dinitrotoluene
 Concen: 6.20 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.27 min
 Lab File: BF094545.D
 Acq: 20 Apr 2017 15:27

Tgt Ion:	165	Resp:	29483
Ion	Ratio	Lower	Upper
165	100		
63	1.1	25.4	38.0#
89	1.5	46.4	69.6#
182	0.0	1.8	2.6#

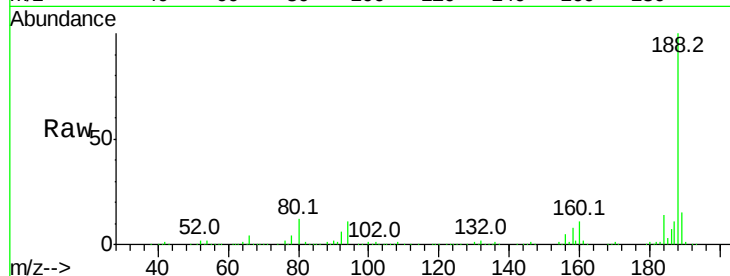




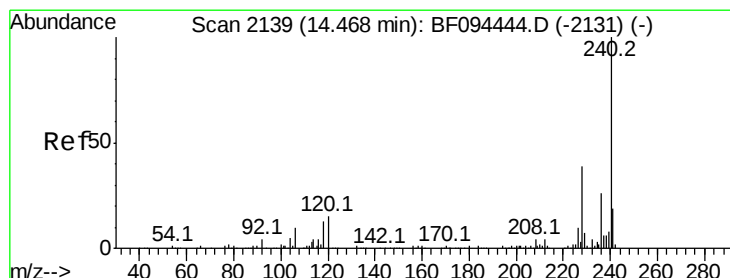
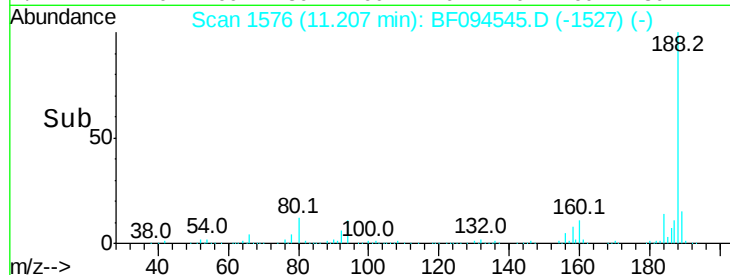
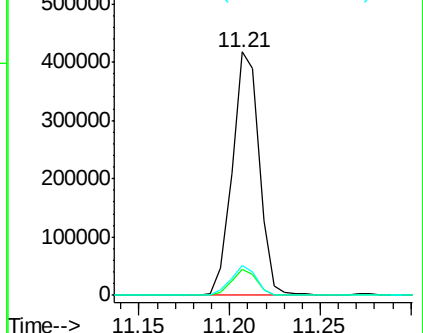
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF094545.D
 Acq: 20 Apr 2017 15:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 431402
 Ion Ratio Lower Upper
 188 100
 94 10.8 9.4 14.2
 80 12.4 10.2 15.2

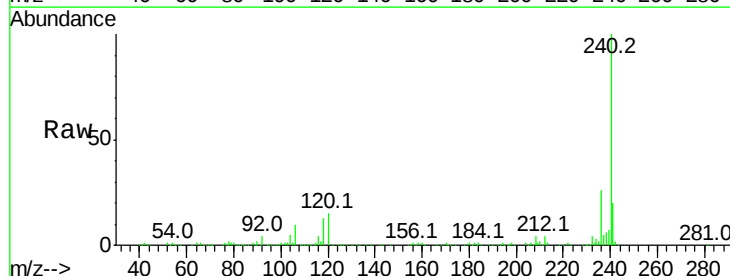


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

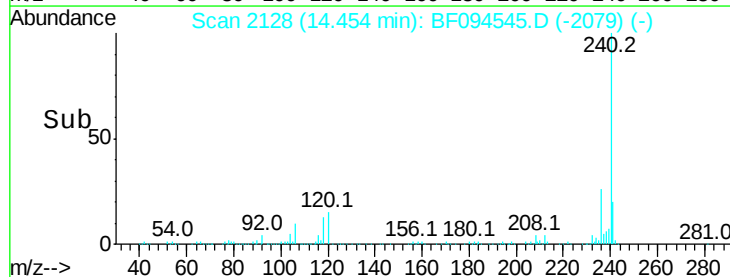
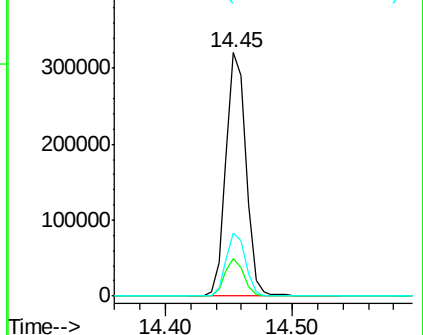


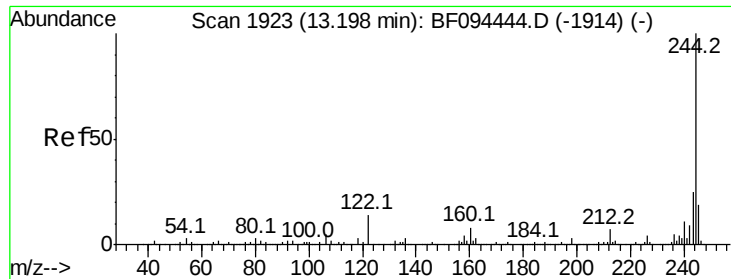
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.45 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BF094545.D
 Acq: 20 Apr 2017 15:27

Tgt Ion:240 Resp: 351753
 Ion Ratio Lower Upper
 240 100
 120 15.4 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: 76.45 ng

RT: 13.19 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF094545.D

Acq: 20 Apr 2017 15:27

Instrument :

BNA_F

ClientSampled :

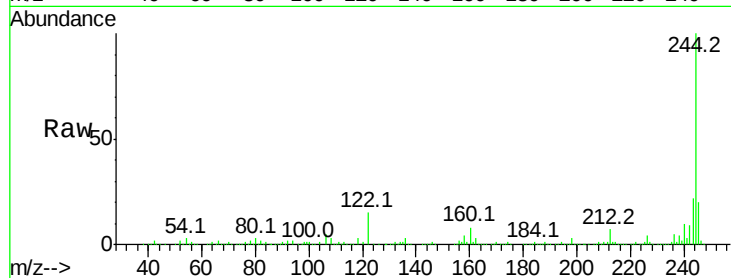
Tot Ion:244 Resp: 1006025

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

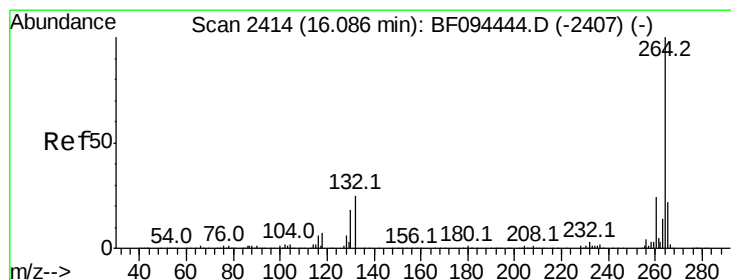
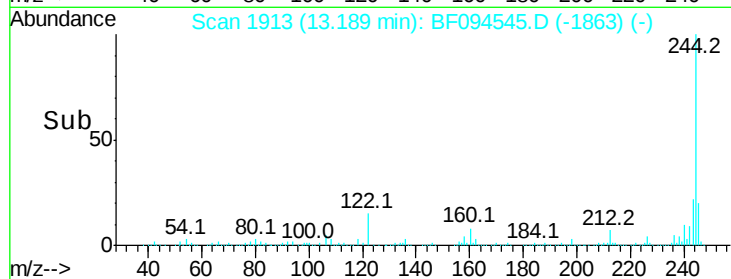
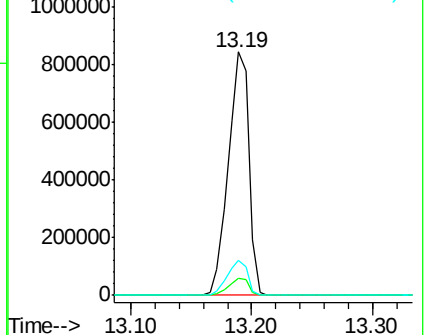
122 14.6 10.3 15.5



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# 2404

Delta R.T. -0.01 min

Lab File: BF094545.D

Acq: 20 Apr 2017 15:27

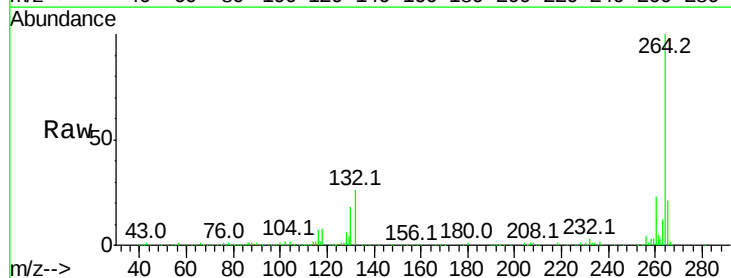
Tgt Ion:264 Resp: 268027

Ion Ratio Lower Upper

264 100

260 23.2 19.5 29.3

265 21.4 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

