

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
 Data File : BF094732.D
 Acq On : 30 Apr 2017 23:14
 Operator : SJ/MA
 Sample : I2902-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 01:25:02 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

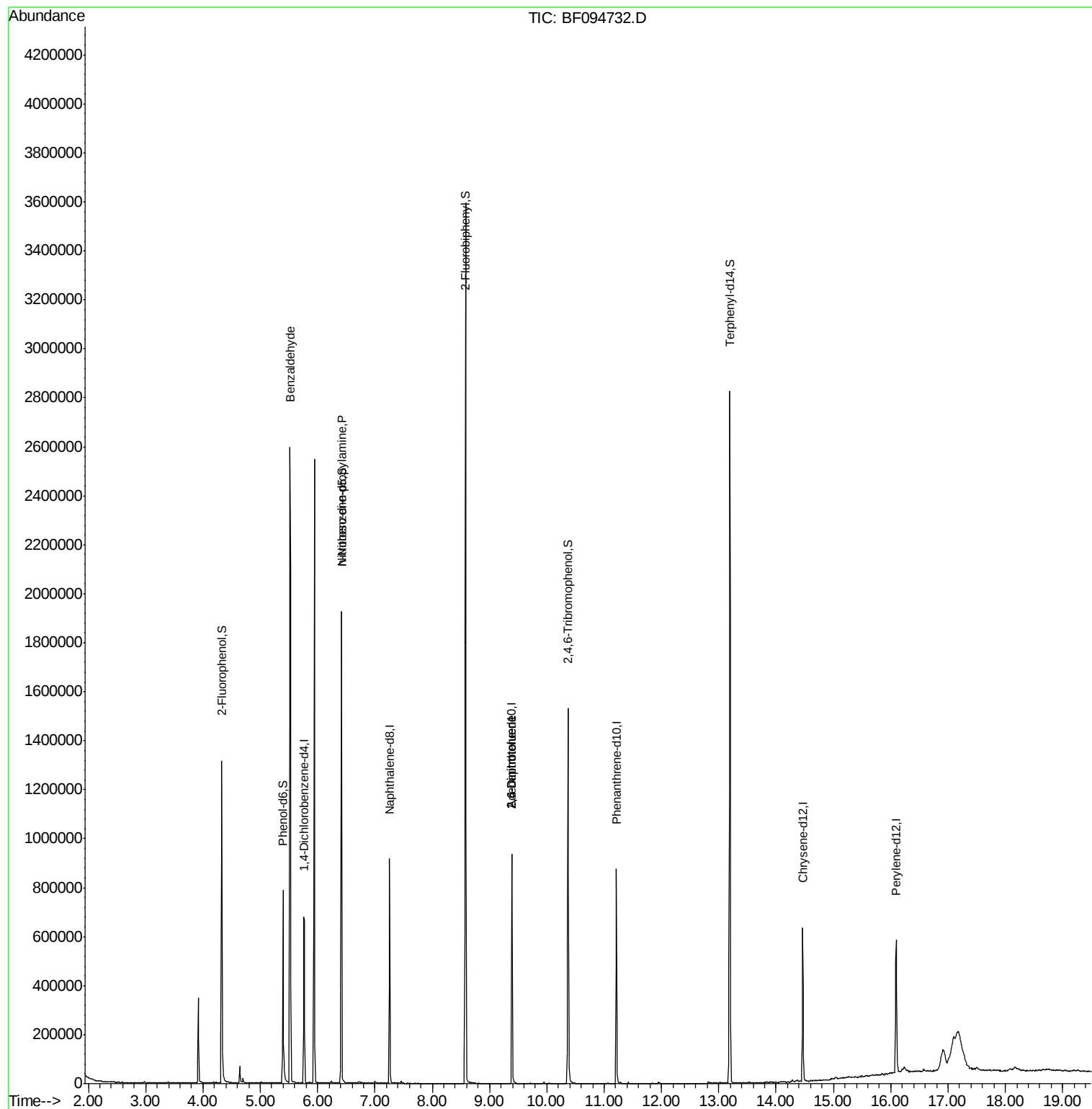
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	113939	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	463065	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	217518	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	367482	20.00	ng	0.00
75) Chrysene-d12	14.47	240	247033	20.00	ng	0.00
86) Perylene-d12	16.09	264	221730	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	407518	59.34	ng	0.02
7) Phenol-d6	5.40	99	311930	38.53	ng	0.00
23) Nitrobenzene-d5	6.42	82	684179	91.23	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	202721	119.15	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1298299	87.82	ng	0.00
78) Terphenyl-d14	13.19	244	1038650	112.38	ng	0.00
Target Compounds						
9) Benzaldehyde	5.52	77	14869	2.41	ng	# 81
19) n-Nitroso-di-n-propylamine	6.42	70	90901	16.94	ng	# 76
50) 2,6-Dinitrotoluene	9.39	165	27120	7.45	ng	# 34
56) 2,4-Dinitrotoluene	9.39	165	27121	6.07	ng	# 33

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

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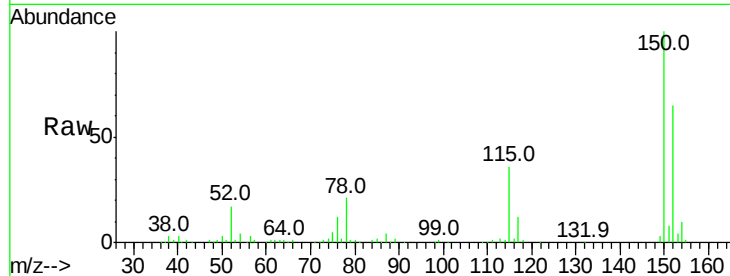


#1

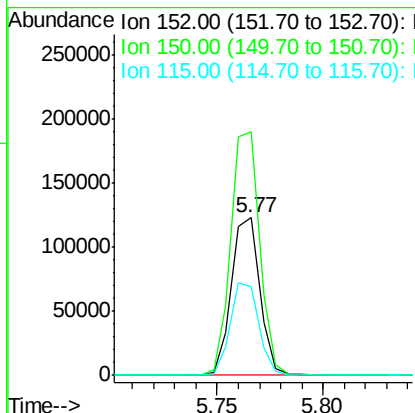
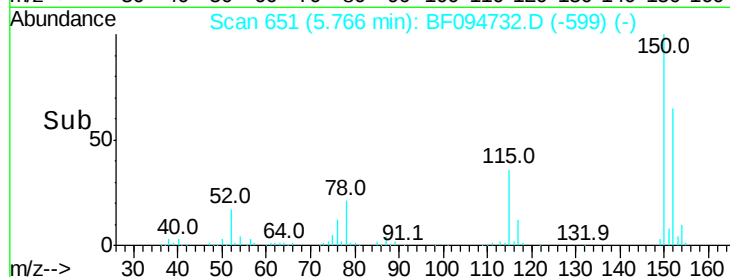
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094732.D
Acq: 30 Apr 2017 23:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 113939
Ion Ratio Lower Upper
152 100
150 154.6 126.2 189.2
115 56.3 52.2 78.2



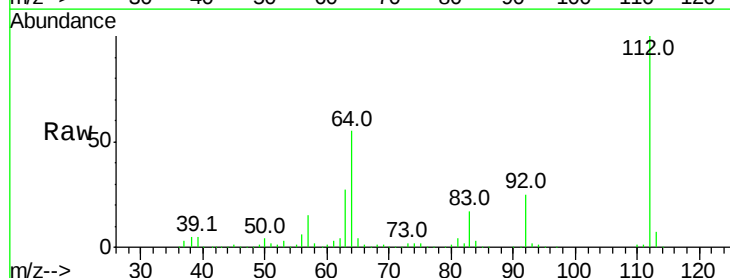
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



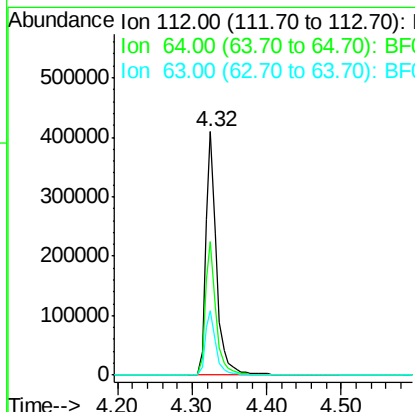
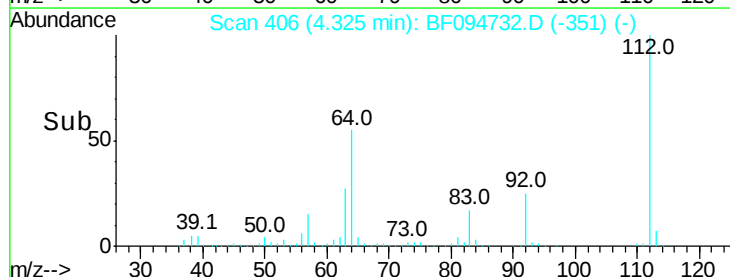
#5

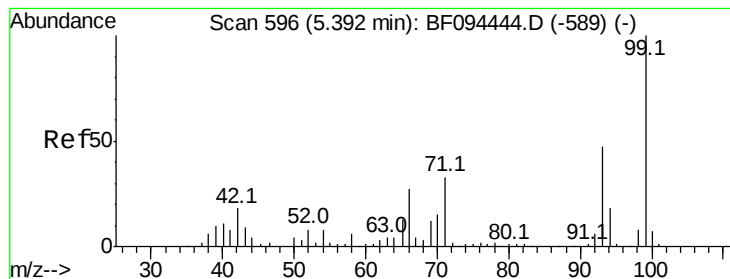
2-Fluorophenol
Concen: 59.34 ng
RT: 4.32 min Scan# 406
Delta R.T. 0.02 min
Lab File: BF094732.D
Acq: 30 Apr 2017 23:14

Tgt Ion:112 Resp: 407518
Ion Ratio Lower Upper
112 100
64 54.6 46.0 69.0
63 26.5 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: 38.53 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094732.D

Acq: 30 Apr 2017 23:14

Instrument :

BNA_F

ClientSampleId :

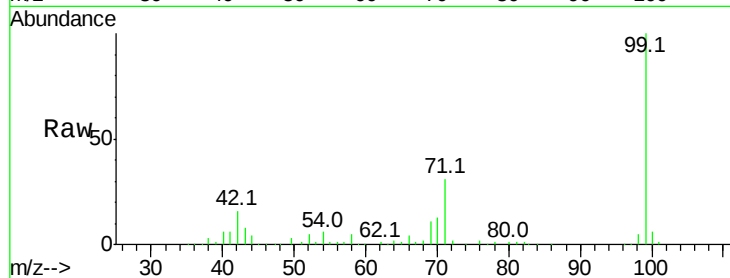
Tot Ion: 99 Resp: 311930

Ion Ratio Lower Upper

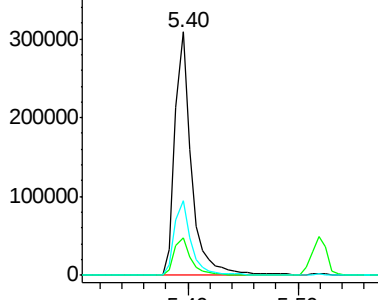
99 100

42 15.6 13.5 20.3

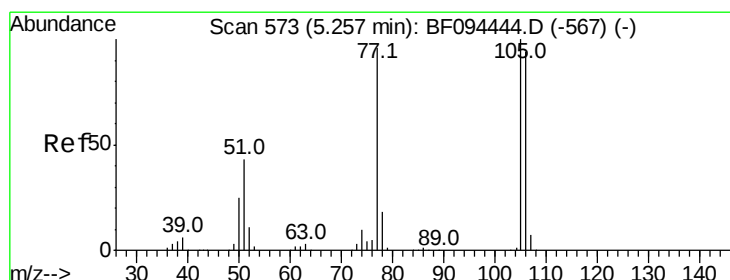
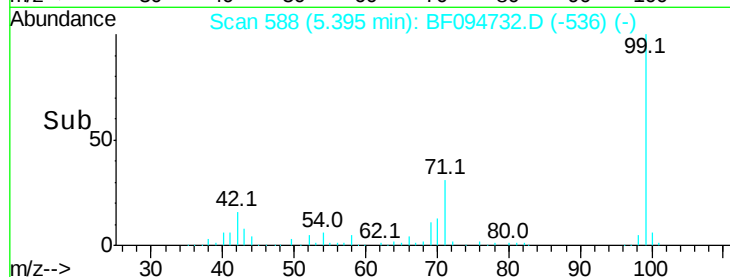
71 30.9 24.5 36.7



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



Time-->



#9

Benzaldehyde

Concen: 2.41 ng

RT: 5.52 min Scan# 609

Delta R.T. 0.26 min

Lab File: BF094732.D

Acq: 30 Apr 2017 23:14

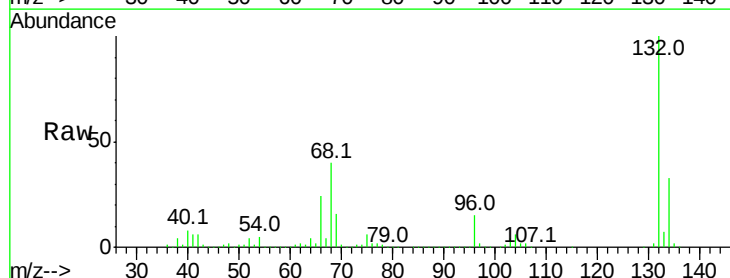
Tgt Ion: 77 Resp: 14869

Ion Ratio Lower Upper

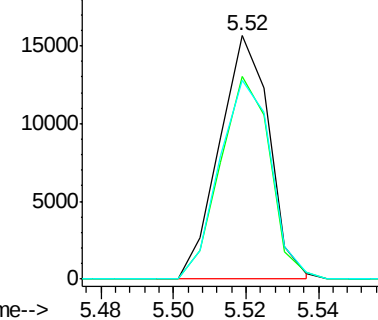
77 100

105 83.1 83.8 123.8#

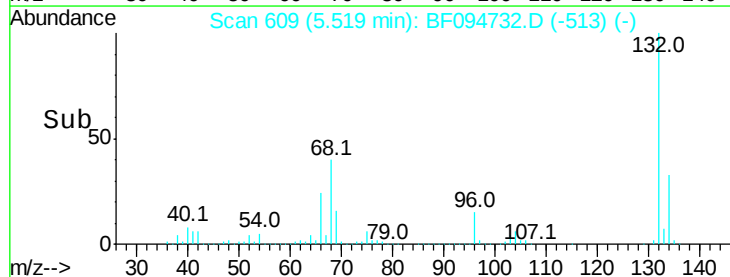
106 81.4 79.1 119.1

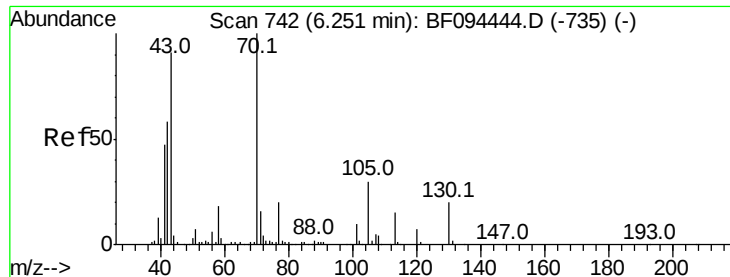


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E



Time-->

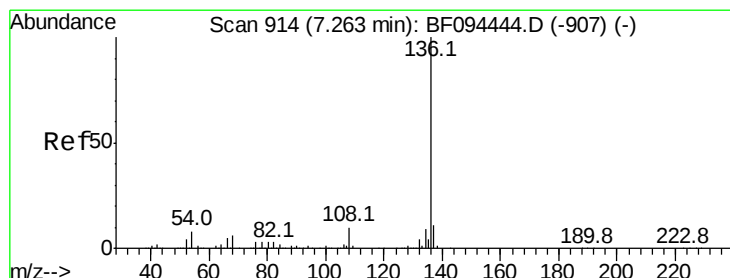
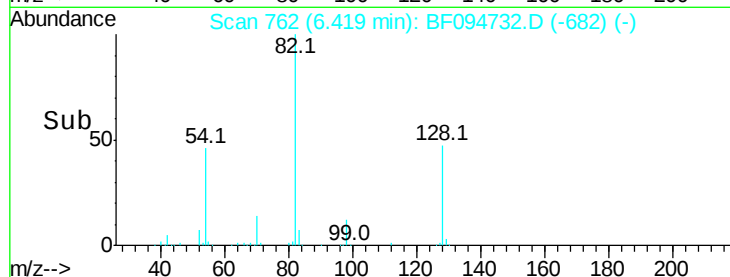
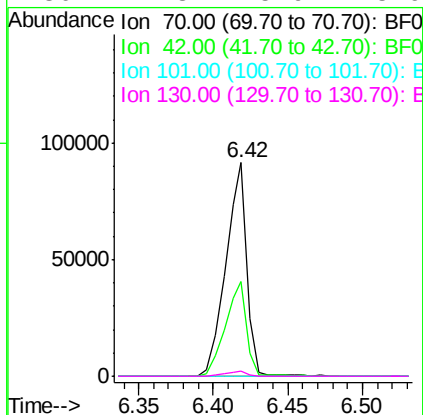
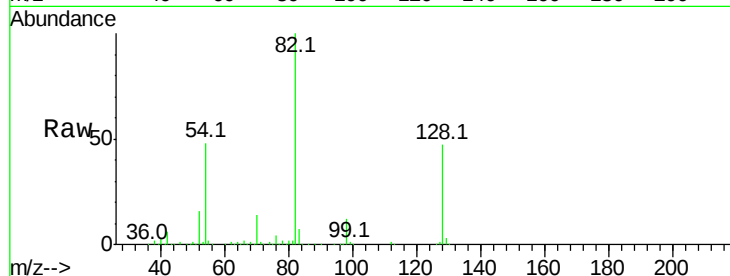




#19
n-Nitroso-di-n-propylamine
Concen: 16.94 ng
RT: 6.42 min Scan# 762
Delta R.T. 0.17 min
Lab File: BF094732.D
Acq: 30 Apr 2017 23:14

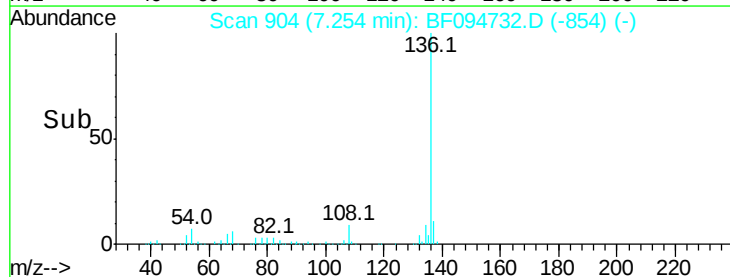
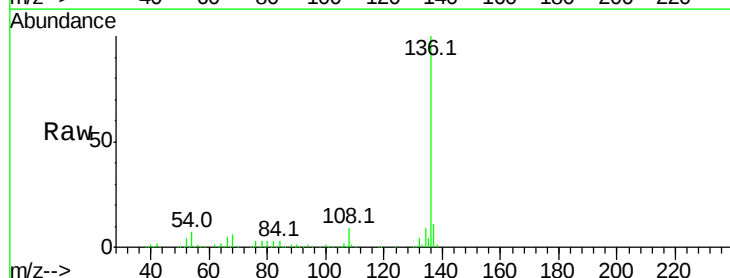
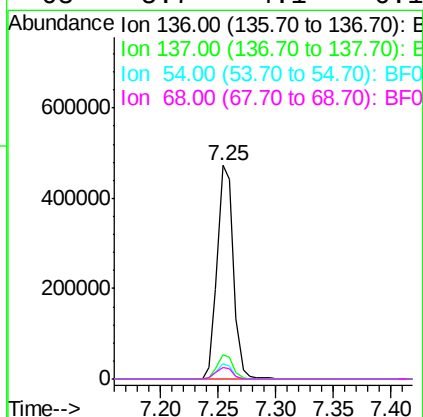
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 90901
Ion Ratio Lower Upper
70 100
42 44.4 47.2 70.8#
101 0.0 7.2 10.8#
130 2.3 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: BF094732.D
Acq: 30 Apr 2017 23:14

Tgt Ion:136 Resp: 463065
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 7.5 4.9 7.3#
68 5.7 4.1 6.1

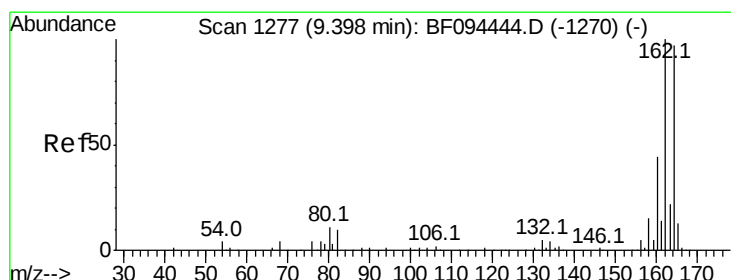
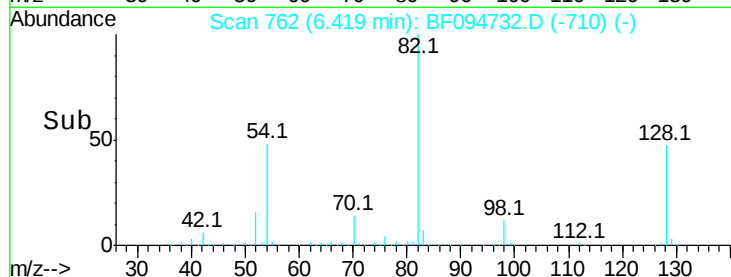
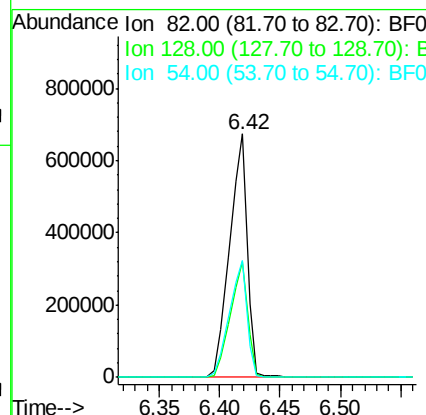
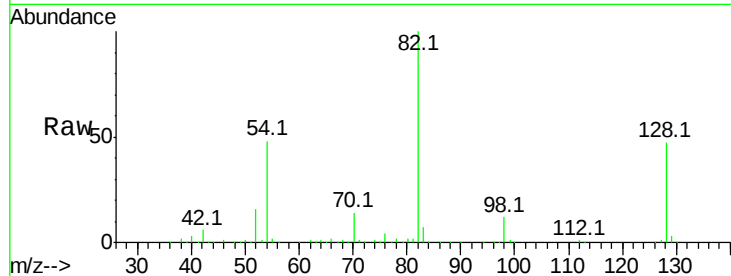




#23
 Nitrobenzene-d5
 Concen: 91.23 ng
 RT: 6.42 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF094732.D
 Acq: 30 Apr 2017 23:14

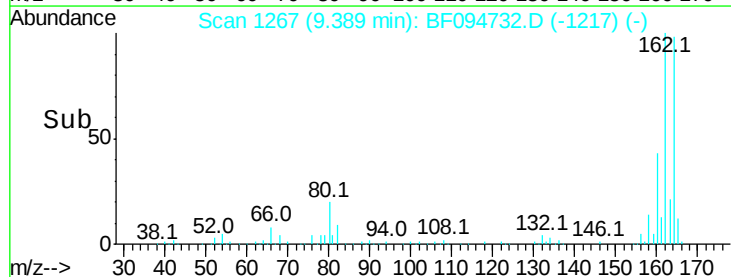
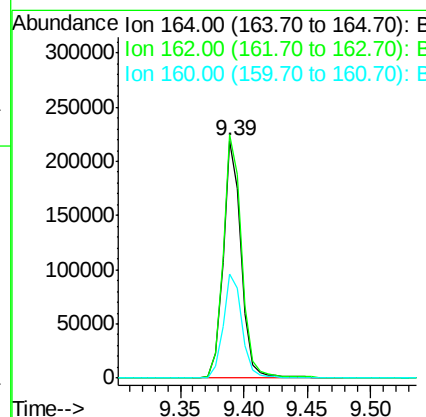
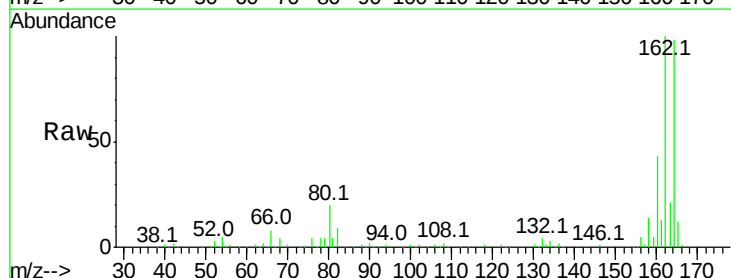
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	684179
Ion Ratio	Lower	Upper	
82	100		
128	47.3	34.0	51.0
54	47.9	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: BF094732.D
 Acq: 30 Apr 2017 23:14

Tgt Ion	164	Resp	217518
Ion Ratio	Lower	Upper	
164	100		
162	102.5	82.6	123.8
160	43.6	36.2	54.2

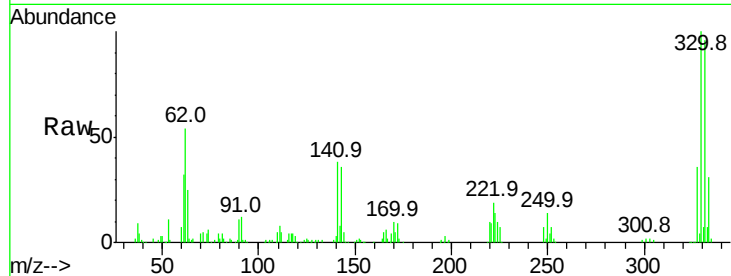




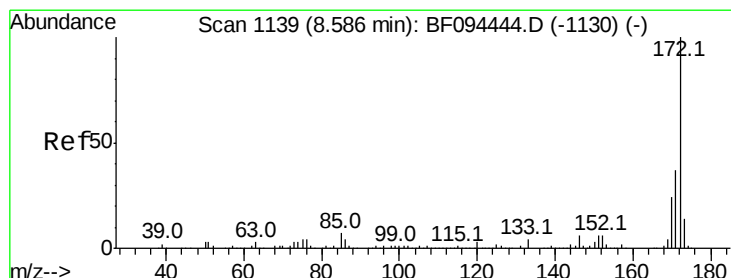
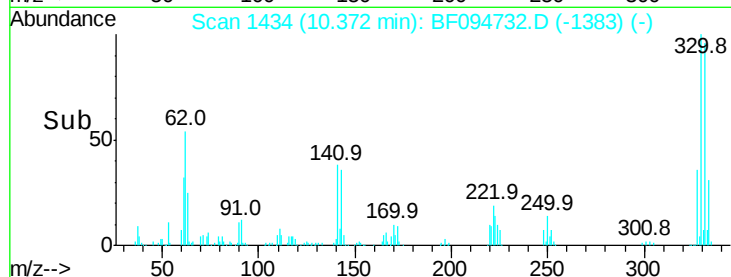
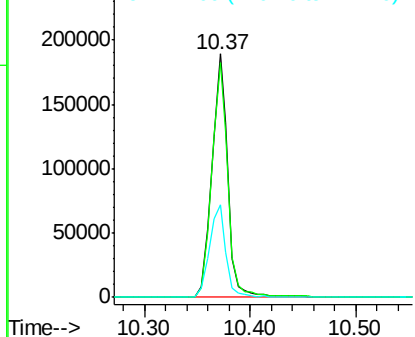
#41
 2,4,6-Tribromophenol
 Concen: 119.15 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094732.D
 Acq: 30 Apr 2017 23:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 202721
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 115.0
 141 39.0 31.4 47.2

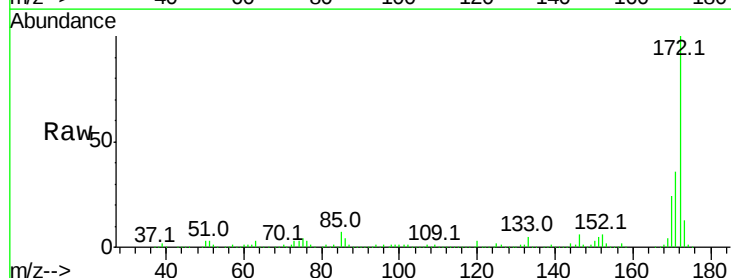


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

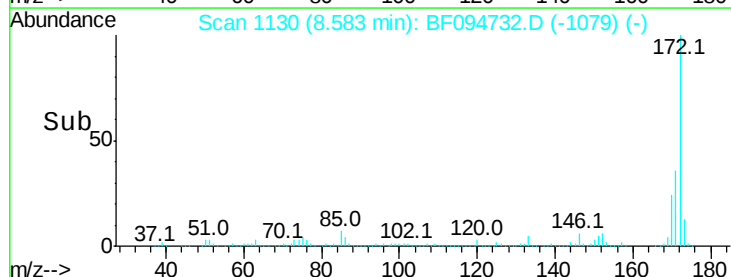
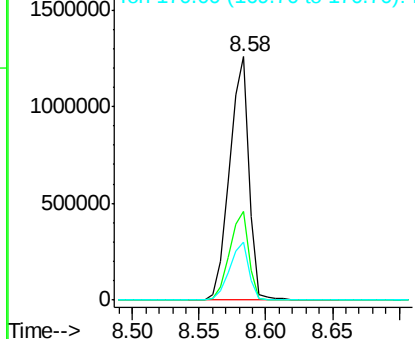


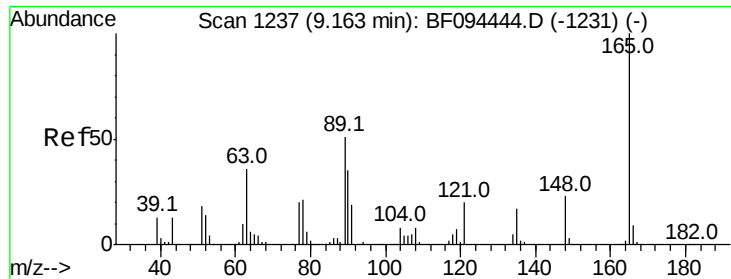
#44
 2-Fluorobiphenyl
 Concen: 87.82 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094732.D
 Acq: 30 Apr 2017 23:14

Tgt Ion:172 Resp: 1298299
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.1 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





#50

2,6-Dinitrotoluene

Concen: 7.45 ng

RT: 9.39 min Scan# 1267

Delta R.T. 0.23 min

Lab File: BF094732.D

Acq: 30 Apr 2017 23:14

Instrument :

BNA_F

ClientSampleId :

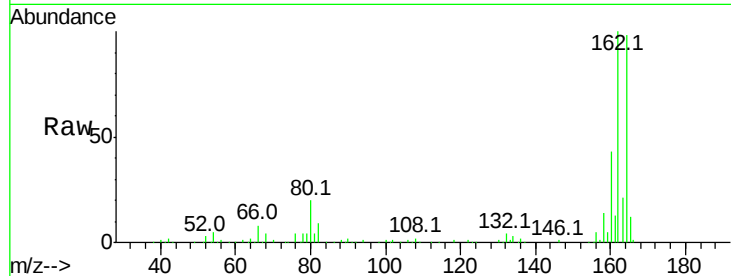
Tot Ion:165 Resp: 27120

Ion Ratio Lower Upper

165 100

63 1.7 34.3 51.5#

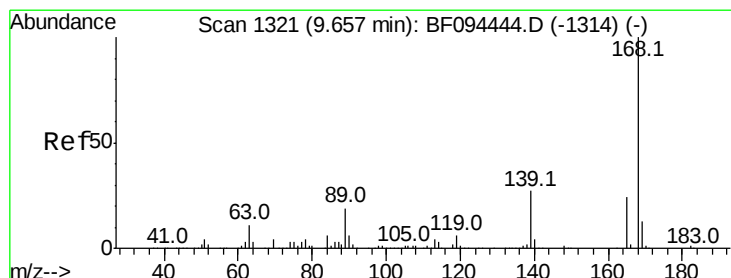
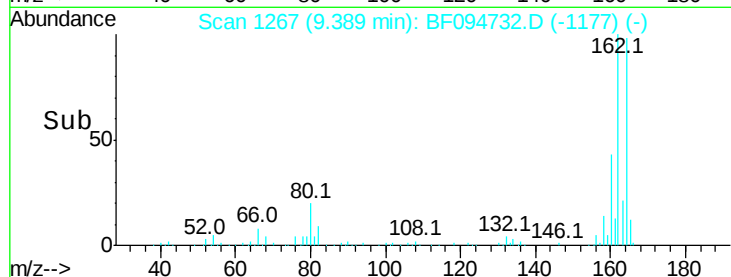
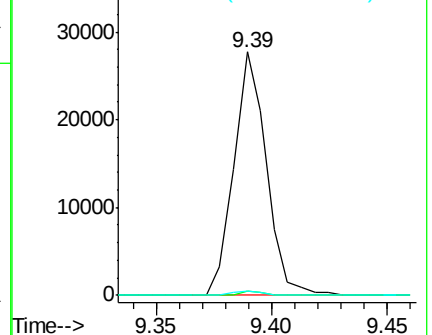
89 1.8 37.1 55.7#



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



#56

2,4-Dinitrotoluene

Concen: 6.07 ng

RT: 9.39 min Scan# 1267

Delta R.T. -0.27 min

Lab File: BF094732.D

Acq: 30 Apr 2017 23:14

Tgt Ion:165 Resp: 27121

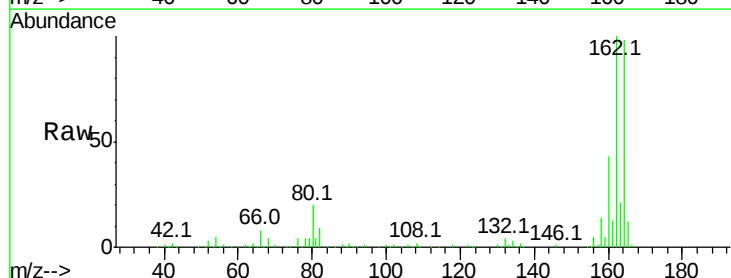
Ion Ratio Lower Upper

165 100

63 1.7 25.4 38.0#

89 1.8 46.4 69.6#

182 0.0 1.8 2.6#

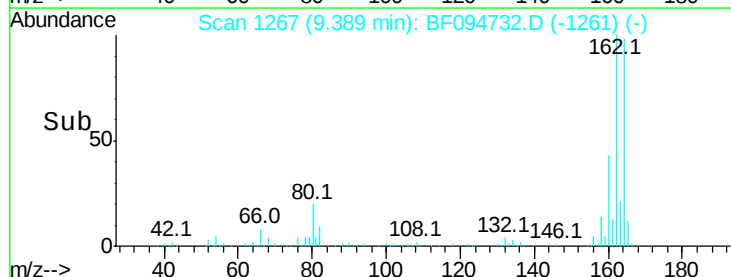
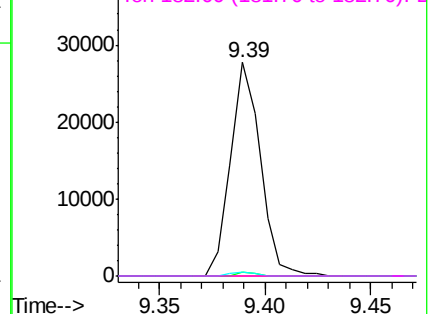


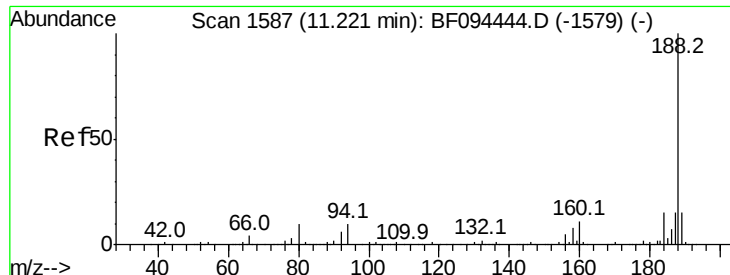
Abundance Ion 165.00 (164.70 to 165.70): E

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

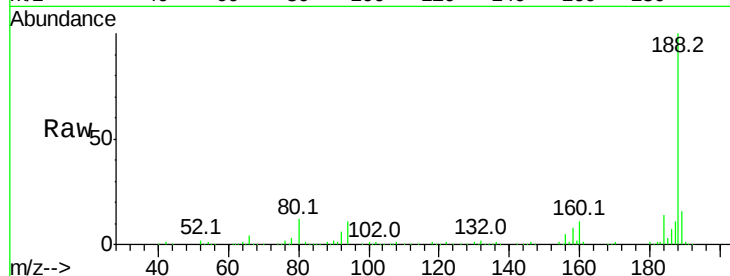




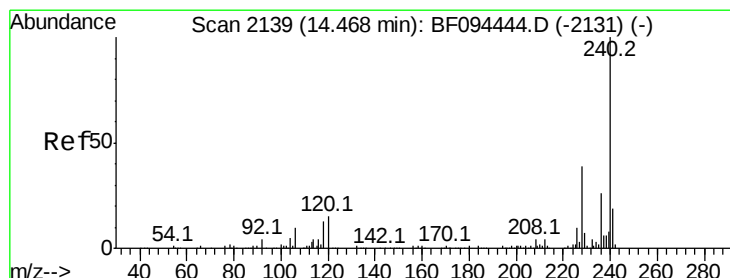
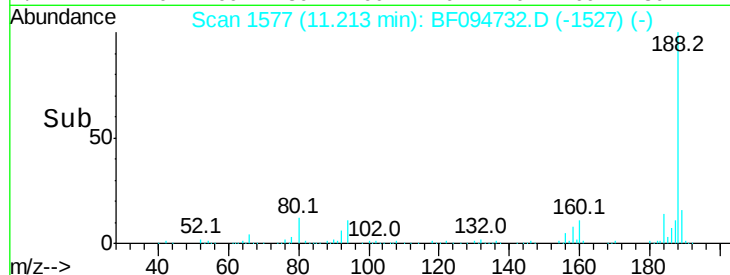
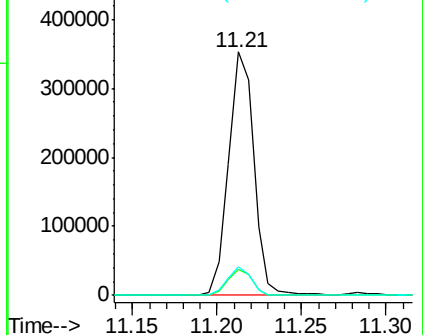
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF094732.D
 Acq: 30 Apr 2017 23:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 367482
 Ion Ratio Lower Upper
 188 100
 94 10.6 9.4 14.2
 80 11.5 10.2 15.2

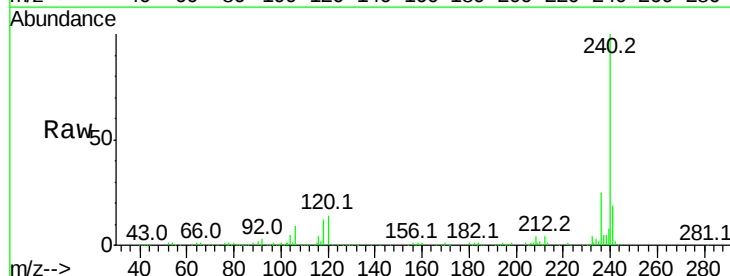


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

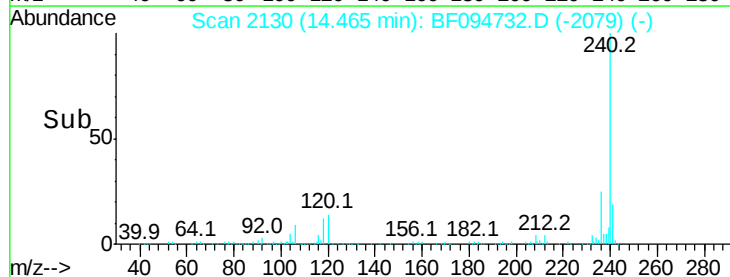
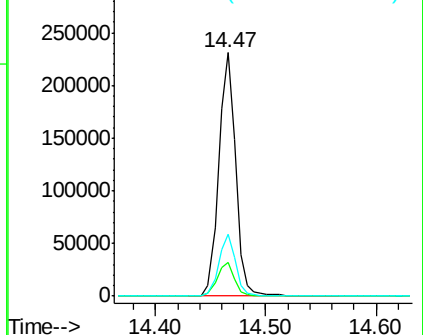


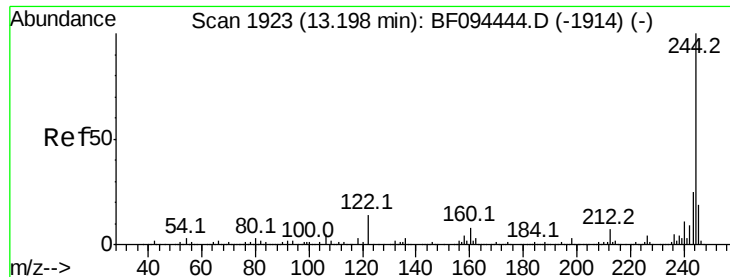
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.47 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BF094732.D
 Acq: 30 Apr 2017 23:14

Tgt Ion:240 Resp: 247033
 Ion Ratio Lower Upper
 240 100
 120 14.0 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

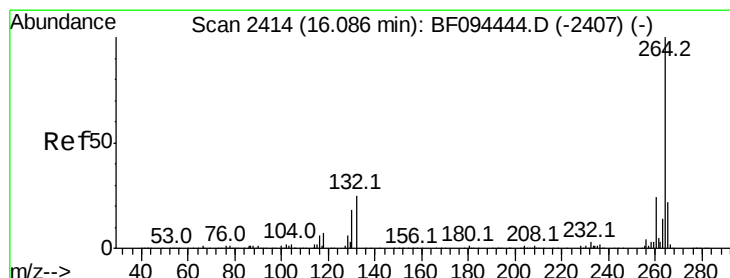
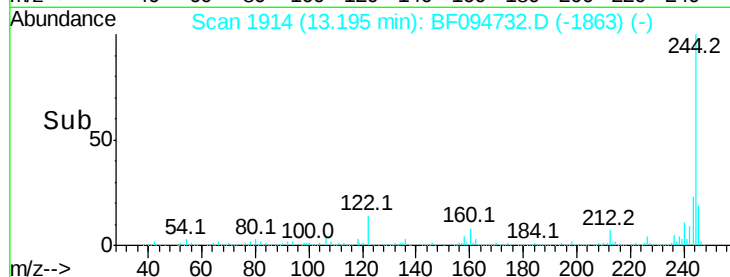
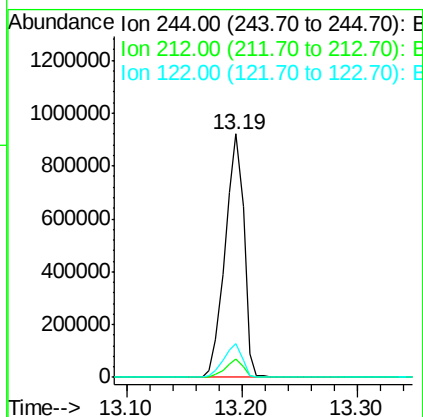
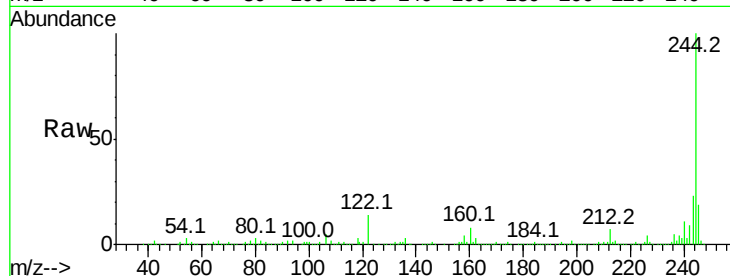




#78
 Terphenyl-d14
 Concen: 112.38 ng
 RT: 13.19 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: BF094732.D
 Acq: 30 Apr 2017 23:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1038650
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 13.7 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2407
 Delta R.T. 0.01 min
 Lab File: BF094732.D
 Acq: 30 Apr 2017 23:14

Tgt Ion:264 Resp: 221730
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 21.2 17.2 25.8

