

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094619.D
 Acq On : 25 Apr 2017 21:33
 Operator : SJ/MA
 Sample : I2783-05RX
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-11RX

Quant Time: Apr 26 08:54:19 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

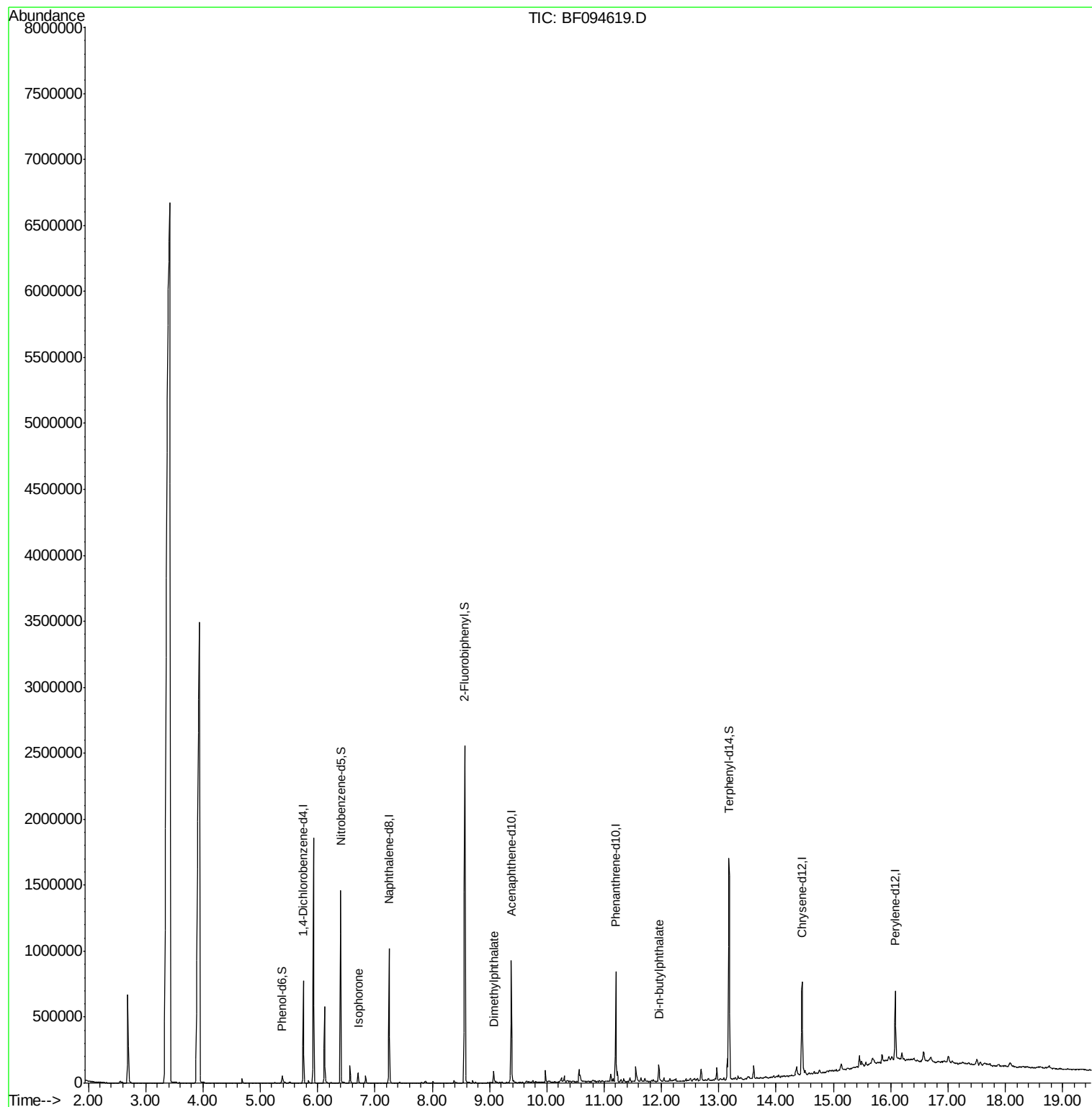
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	130714	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	517816	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	213919	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	330128	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	273196	20.00	ng	-0.01
86) Perylene-d12	16.08	264	219448	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0d	0.00	ng	
7) Phenol-d6	5.38	99	30751	3.31	ng	0.00
23) Nitrobenzene-d5	6.40	82	480383	57.28	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	8.57	172	926152	63.70	ng	-0.02
78) Terphenyl-d14	13.18	244	604562	59.15	ng	-0.02
Target Compounds						
25) Isophorone	6.71	82	37782	2.43	ng	95
49) Dimethylphthalate	9.07	163	42957	2.69	ng	# 97
73) Di-n-butylphthalate	11.95	149	64234	3.23	ng	99

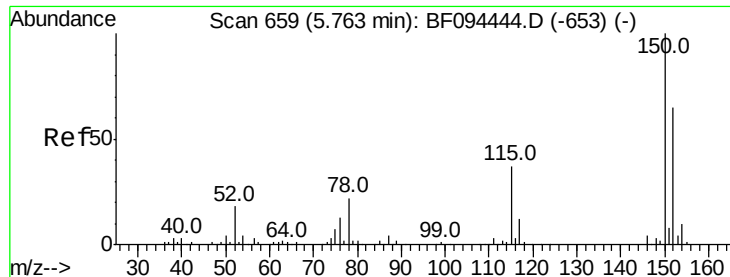
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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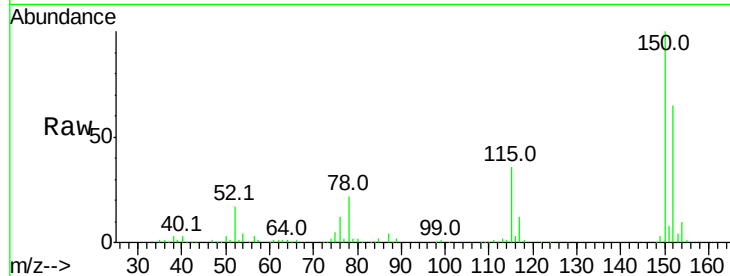


#1

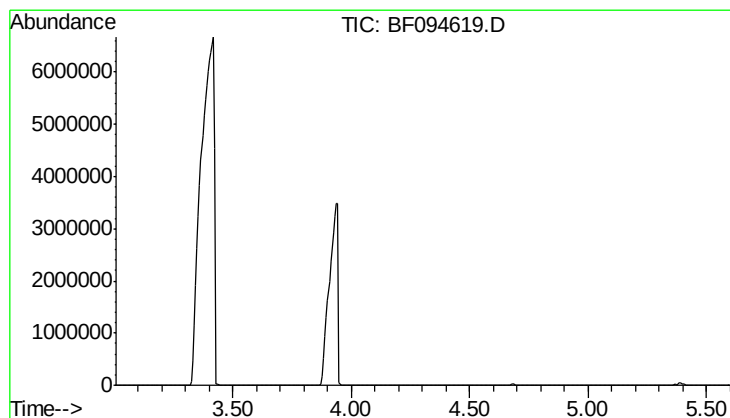
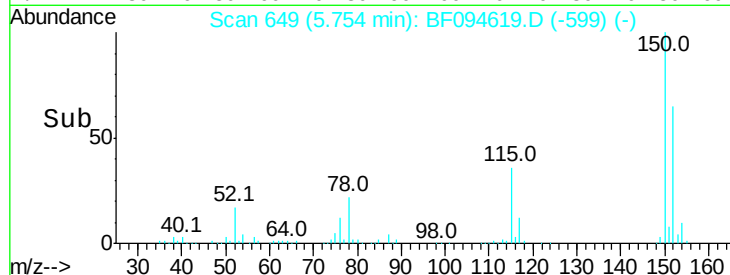
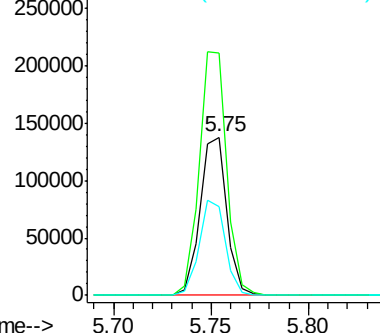
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF094619.D
Acq: 25 Apr 2017 21:33

Instrument :
BNA_F
ClientSampleId :
C-11RX

Tot Ion:152 Resp: 130714
Ion Ratio Lower Upper
152 100
150 153.2 126.2 189.2
115 55.9 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

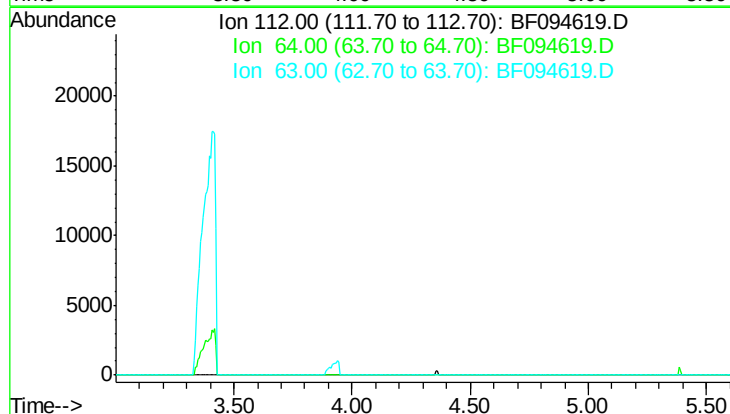


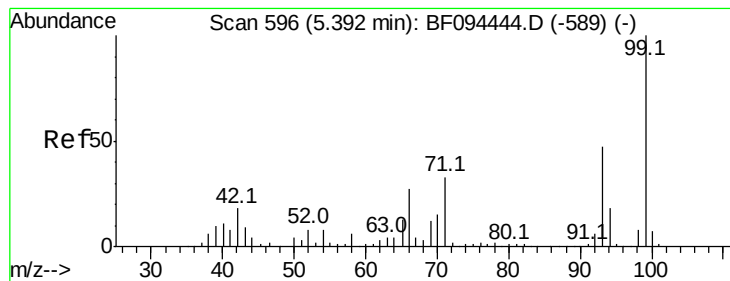
#5

2-Fluorophenol
Concen: 0.00 ng
Expected RT: 4.30 min

Lab File: BF094619.D
Acq: 25 Apr 2017 21:33

Tgt Ion: 112
Sig Exp Ratio
112 100
64 57.5
63 29.2





#7

Phenol-d6

Concen: 3.31 ng

RT: 5.38 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF094619.D

Acq: 25 Apr 2017 21:33

Instrument :

BNA_F

ClientSampled :

C-11RX

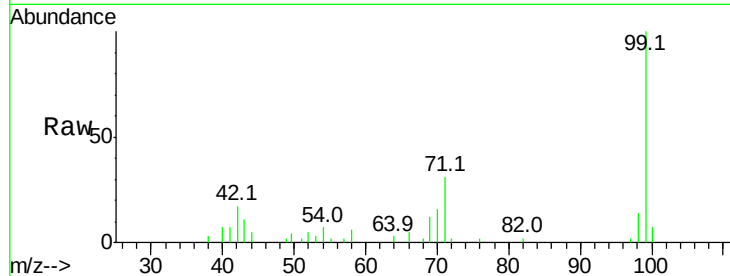
Tot Ion: 99 Resp: 30751

Ion Ratio Lower Upper

99 100

42 16.6 13.5 20.3

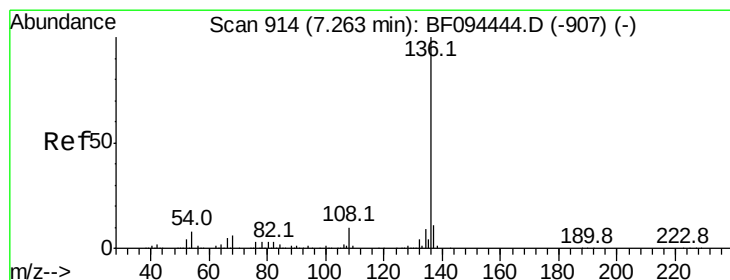
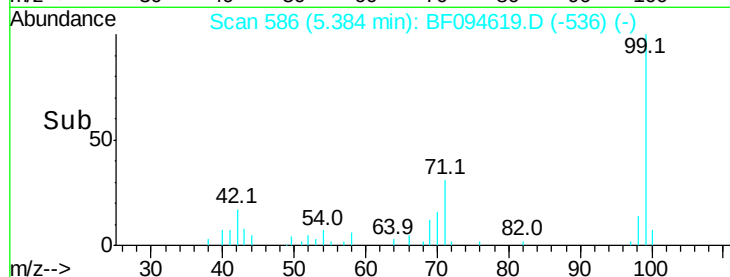
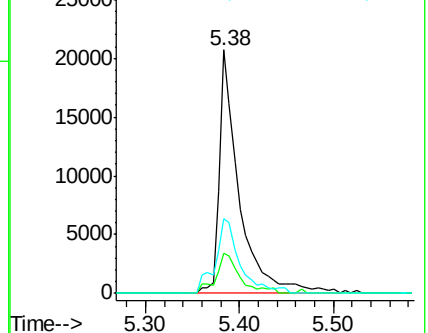
71 30.9 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF094619.D

Acq: 25 Apr 2017 21:33

Tgt Ion: 136 Resp: 517816

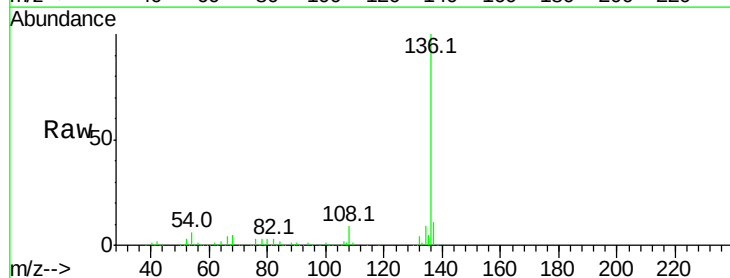
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 6.5 4.9 7.3

68 5.4 4.1 6.1

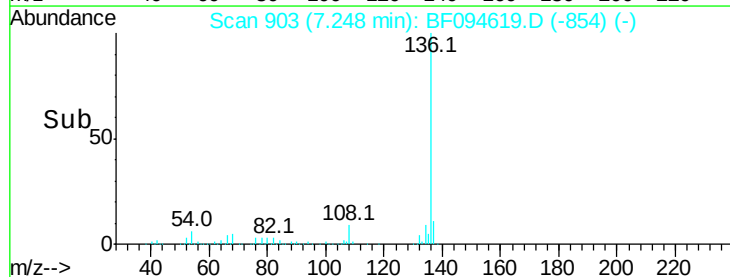
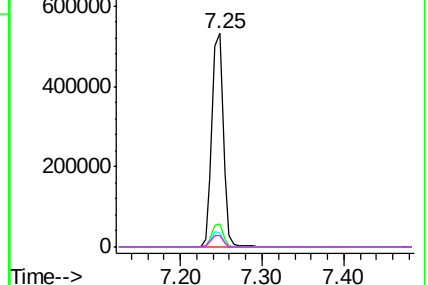


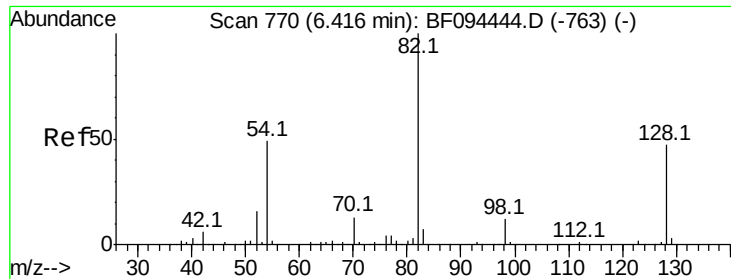
Abundance Ion 136.00 (135.70 to 136.70): E

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

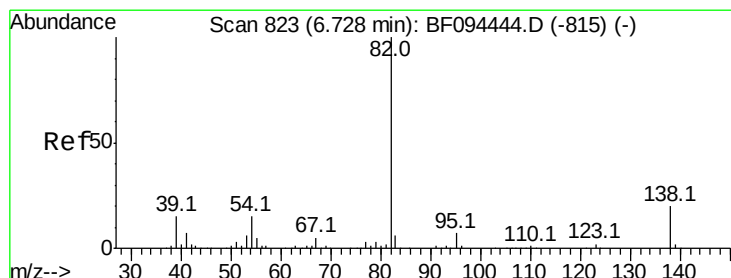
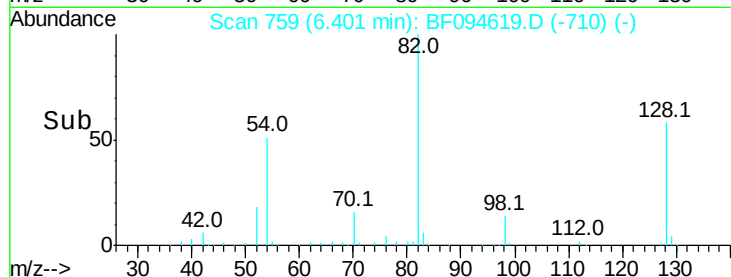
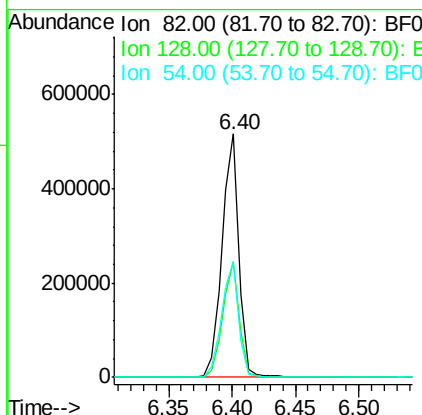
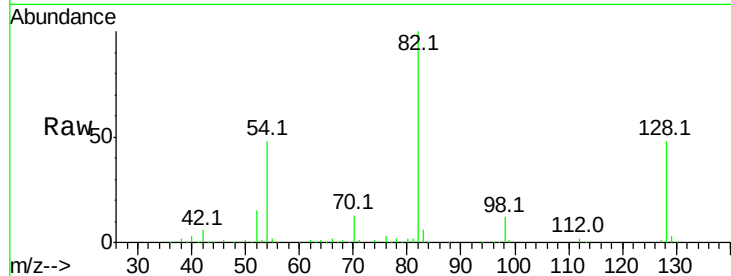




#23
 Nitrobenzene-d5
 Concen: 57.28 ng
 RT: 6.40 min Scan# 759
 Delta R.T. -0.01 min
 Lab File: BF094619.D
 Acq: 25 Apr 2017 21:33

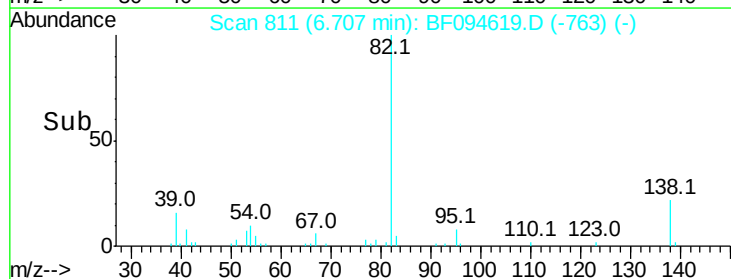
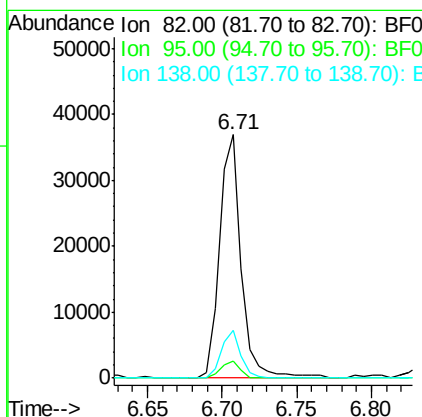
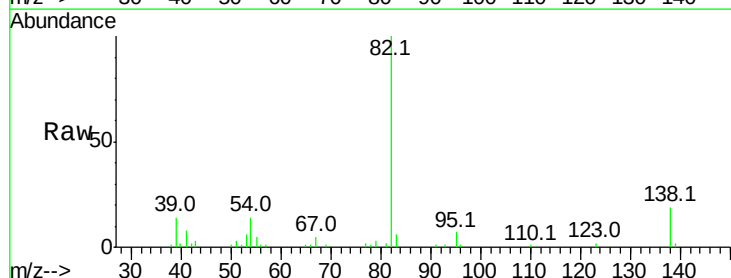
Instrument :
 BNA_F
 ClientSampleId :
 C-11RX

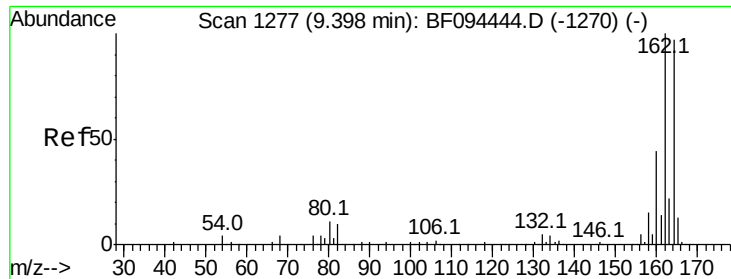
Tot Ion: 82 Resp: 480383
 Ion Ratio Lower Upper
 82 100
 128 47.6 34.0 51.0
 54 47.7 42.2 63.2



#25
 Isophorone
 Concen: 2.43 ng
 RT: 6.71 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BF094619.D
 Acq: 25 Apr 2017 21:33

Tgt Ion: 82 Resp: 37782
 Ion Ratio Lower Upper
 82 100
 95 6.9 5.3 7.9
 138 19.4 13.1 19.7

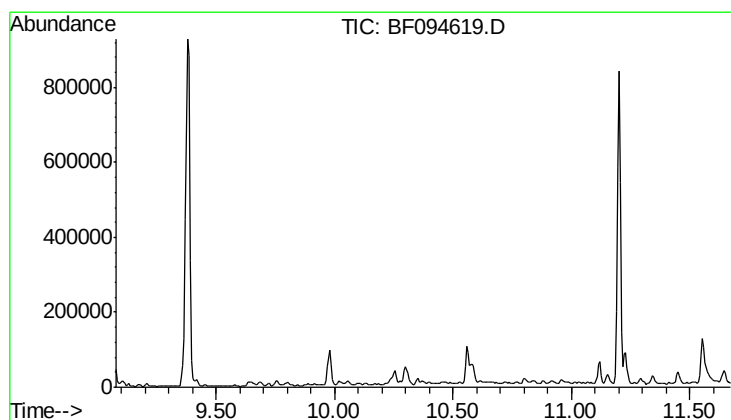
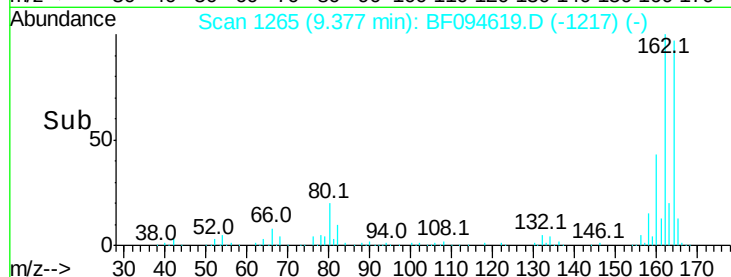
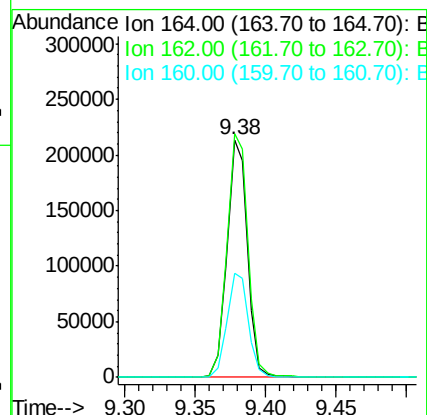
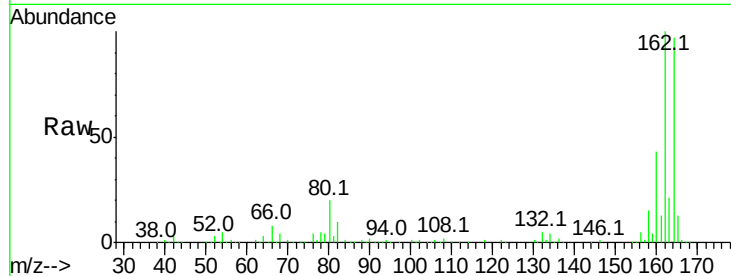




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BF094619.D
 Acq: 25 Apr 2017 21:33

Instrument :
 BNA_F
 ClientSampleId :
 C-11RX

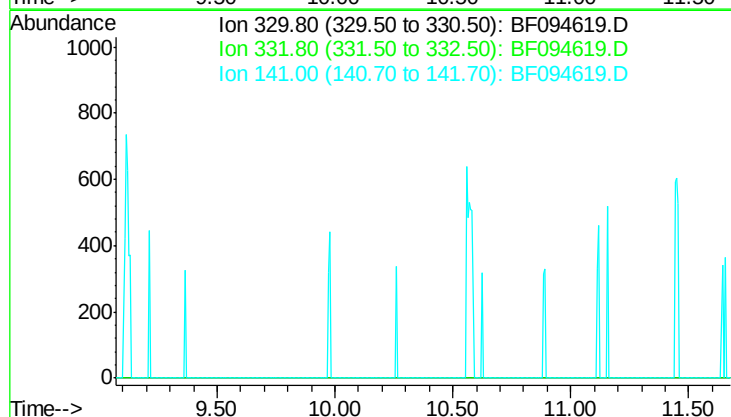
Tot Ion	Ion	Ratio	Lower	Upper
164	100			
162	102.6	82.6	123.8	
160	43.9	36.2	54.2	

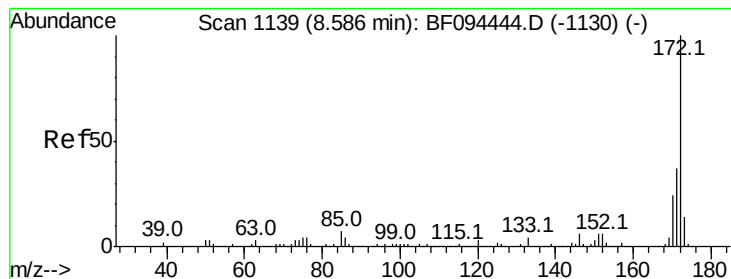


#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.37 min

Lab File: BF094619.D
 Acq: 25 Apr 2017 21:33

Tgt Ion	Sig	Exp Ratio
330	100	
332	95.8	
141	39.3	





#44

2-Fluorobiphenyl

Concen: 63.70 ng

RT: 8.57 min Scan# 1127

Delta R.T. -0.02 min

Lab File: BF094619.D

Acq: 25 Apr 2017 21:33

Instrument :

BNA_F

ClientSampleId :

C-11RX

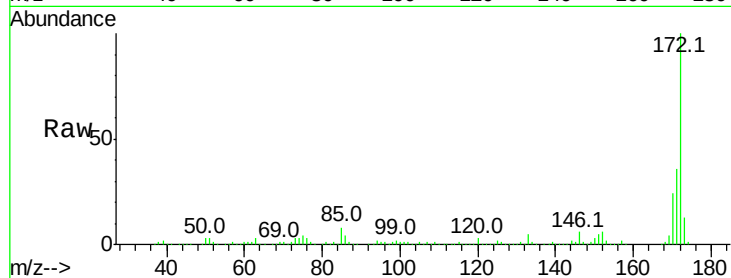
Tot Ion:172 Resp: 926152

Ion Ratio Lower Upper

172 100

171 35.8 29.6 44.4

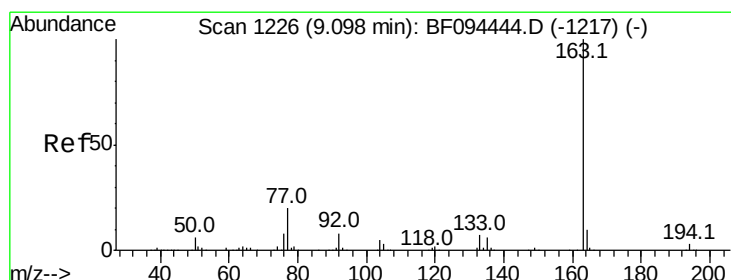
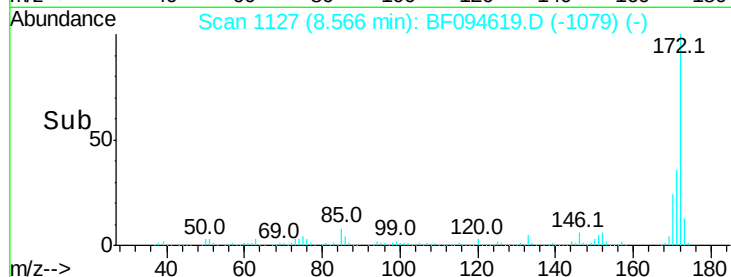
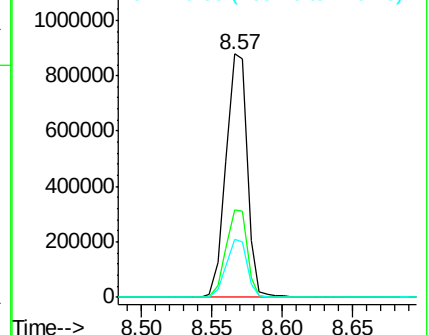
170 23.9 19.8 29.8



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: 2.69 ng

RT: 9.07 min Scan# 1213

Delta R.T. -0.03 min

Lab File: BF094619.D

Acq: 25 Apr 2017 21:33

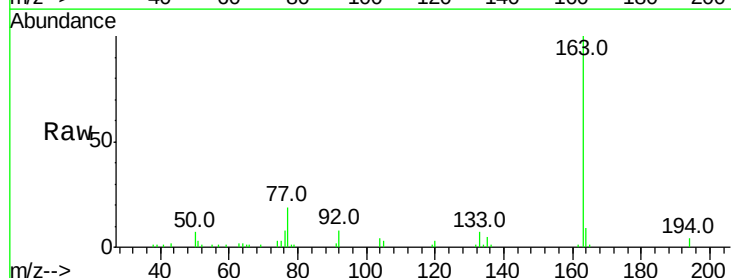
Tgt Ion:163 Resp: 42957

Ion Ratio Lower Upper

163 100

194 4.3 2.6 4.0#

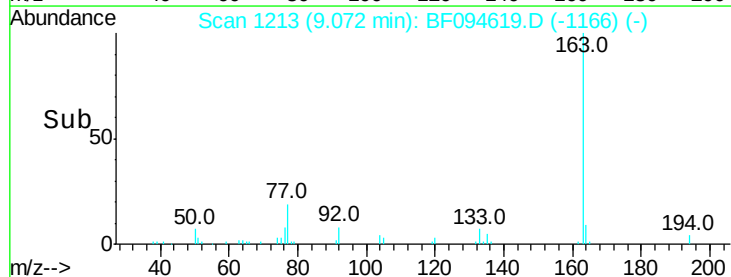
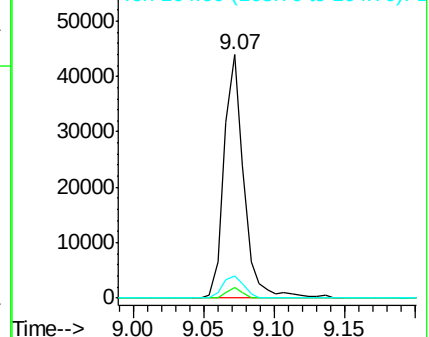
164 9.4 8.4 12.6

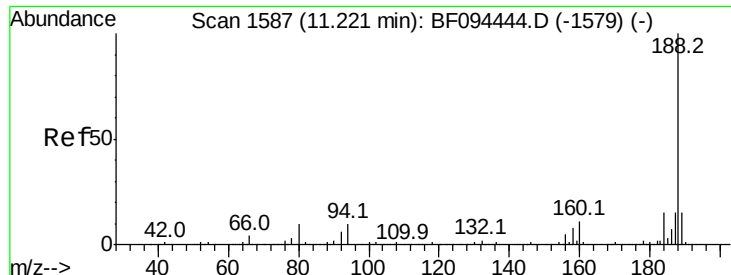


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

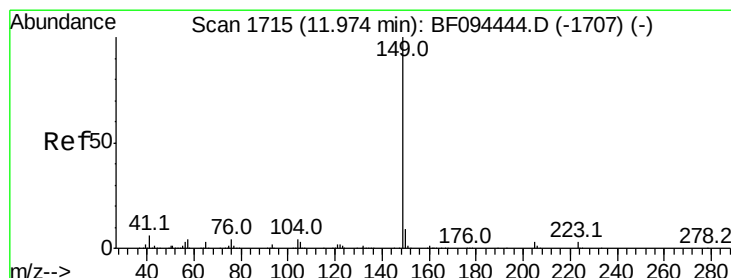
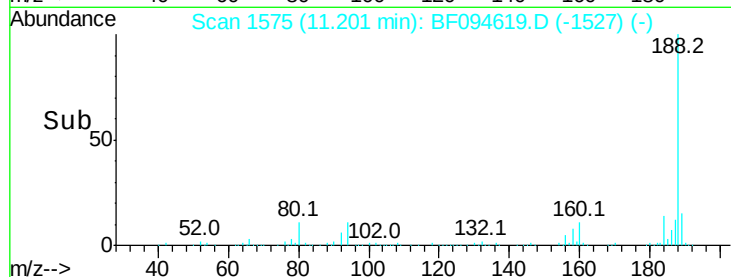
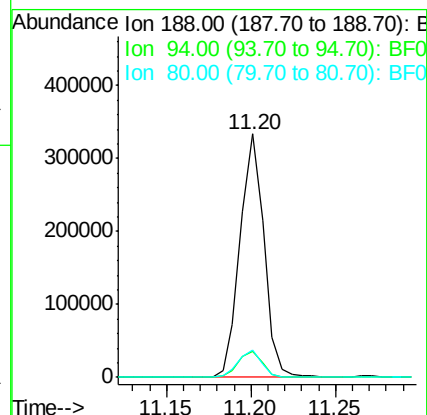
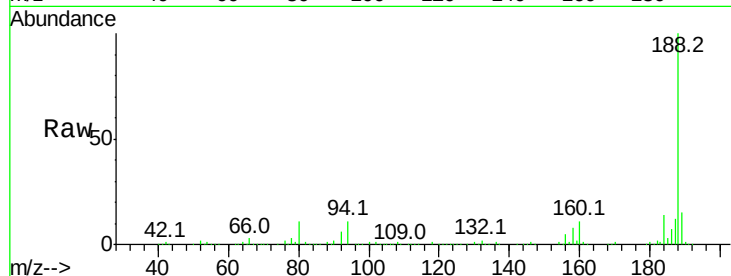




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BF094619.D
 Acq: 25 Apr 2017 21:33

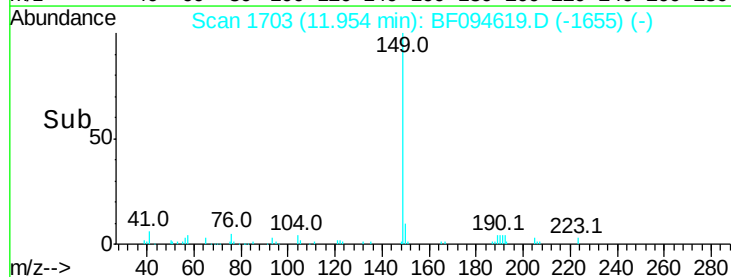
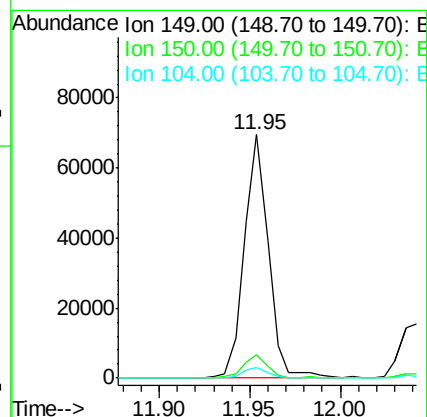
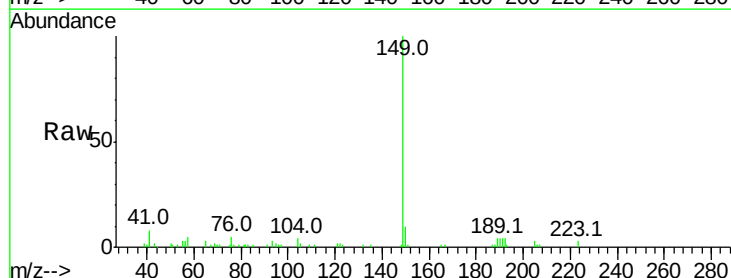
Instrument :
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 C-11RX

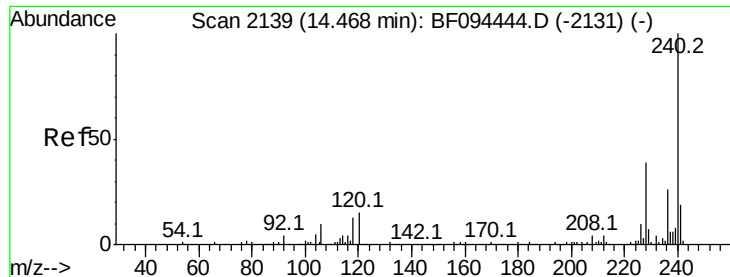
Tot Ion:188 Resp: 330128
 Ion Ratio Lower Upper
 188 100
 94 10.5 9.4 14.2
 80 11.4 10.2 15.2



#73
 Di-n-butylphthalate
 Concen: 3.23 ng
 RT: 11.95 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BF094619.D
 Acq: 25 Apr 2017 21:33

Tgt Ion:149 Resp: 64234
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 4.2 4.0 6.0

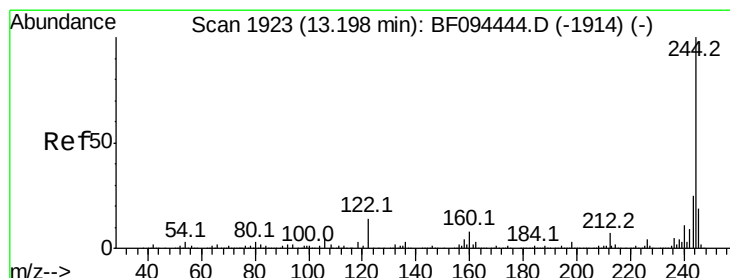
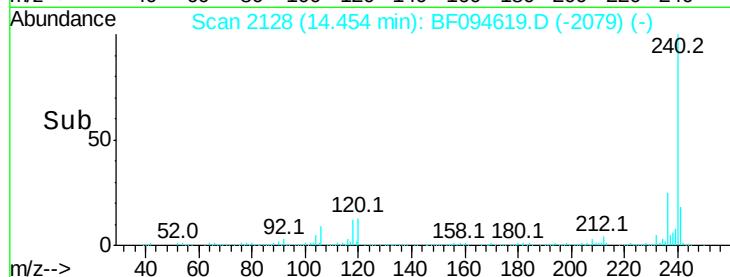
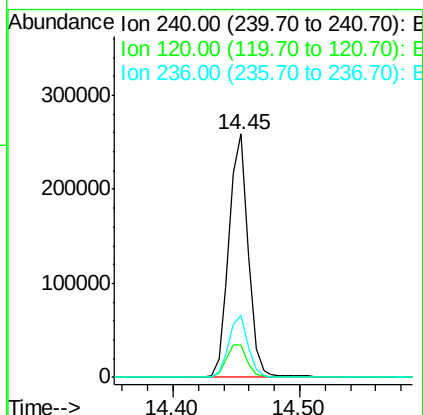
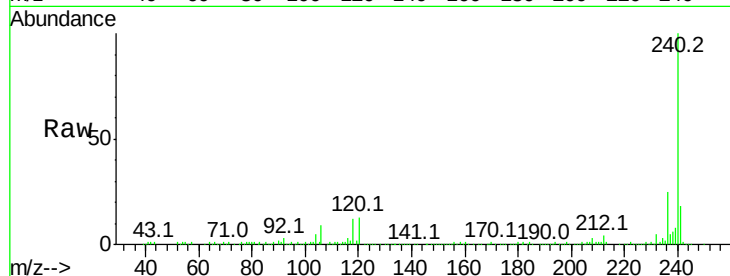




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.45 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BF094619.D
 Acq: 25 Apr 2017 21:33

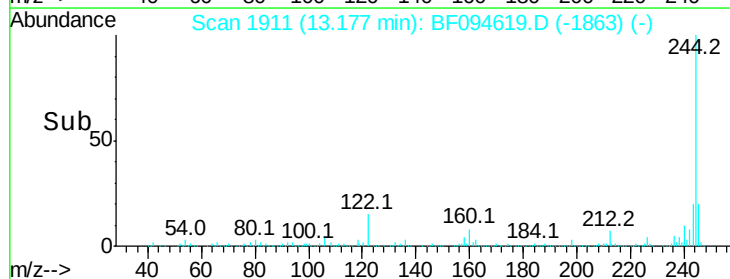
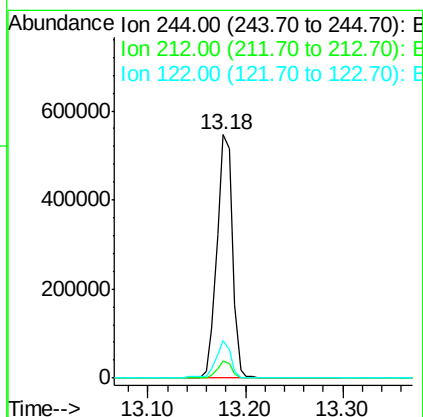
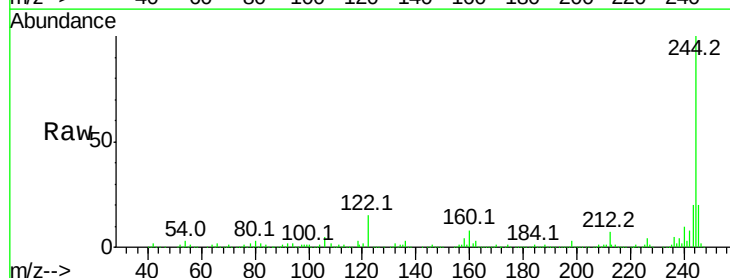
Instrument :
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 C-11RX

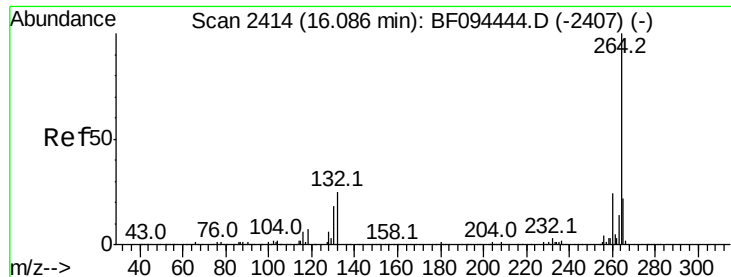
Tot Ion:240 Resp: 273196
 Ion Ratio Lower Upper
 240 100
 120 13.3 5.8 8.8#
 236 25.3 20.5 30.7



#78
 Terphenyl-d14
 Concen: 59.15 ng
 RT: 13.18 min Scan# 1911
 Delta R.T. -0.02 min
 Lab File: BF094619.D
 Acq: 25 Apr 2017 21:33

Tgt Ion:244 Resp: 604562
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 15.4 10.3 15.5





#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BF094619.D
Acq: 25 Apr 2017 21:33

Instrument :
BNA_F
ClientSampleId :
C-11RX

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.2	17.2	25.8

