

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030218\
 Data File : BF103394.D
 Acq On : 3 Mar 2018 6:04
 Operator : SJ/JU
 Sample : J1735-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5SDM

Quant Time: Mar 05 00:09:31 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 02 13:28:09 2018
 Response via : Initial Calibration

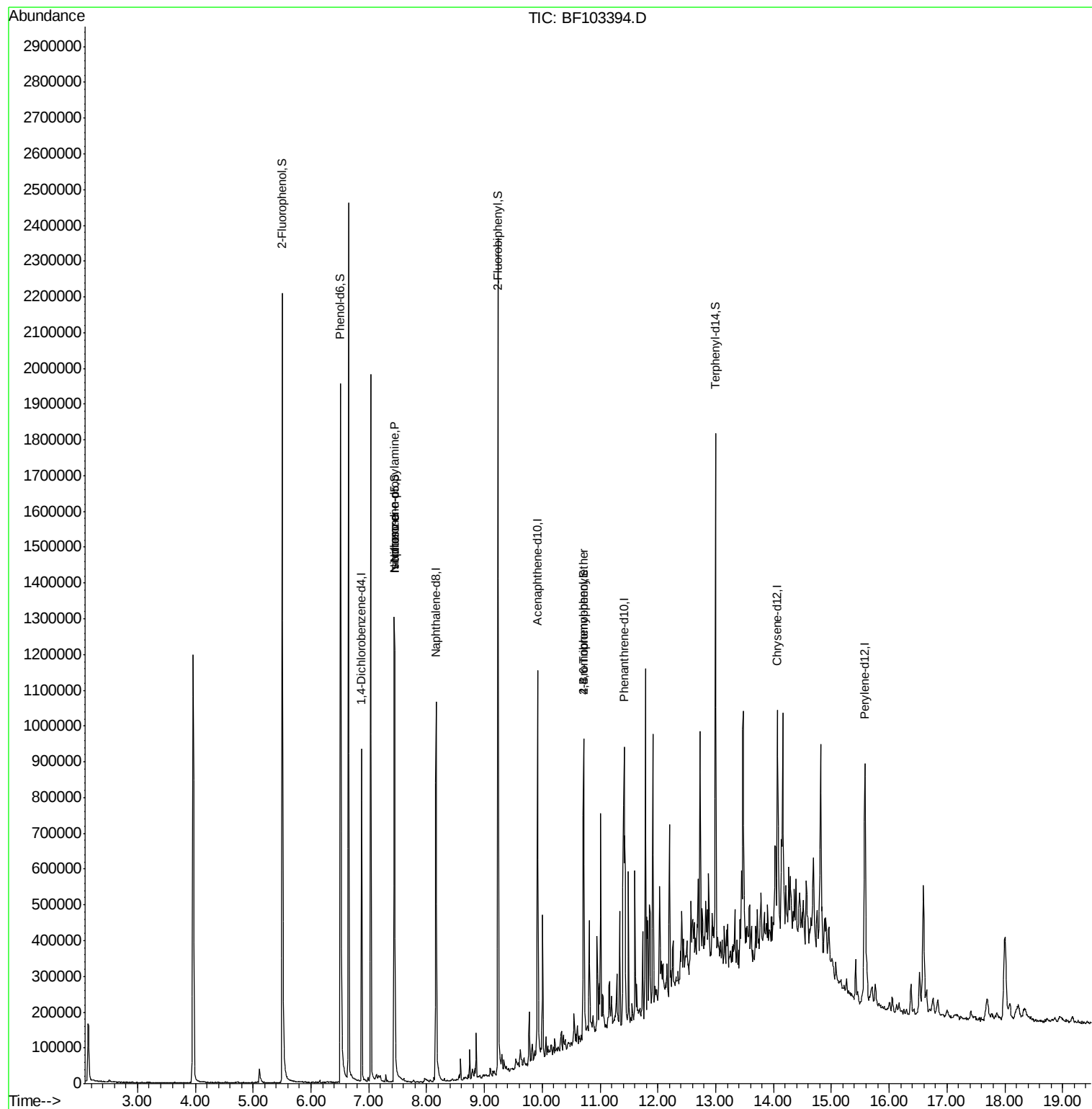
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	130604	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	542041	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	207368	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	294458	20.00	ng	0.00
75) Chrysene-d12	14.07	240	209484	20.00	ng	0.00
86) Perylene-d12	15.59	264	147453	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	645330	74.73	ng	0.00
7) Phenol-d6	6.51	99	774906	73.33	ng	0.00
23) Nitrobenzene-d5	7.44	82	470673	49.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	92399	52.64	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	754761	58.00	ng	0.00
78) Terphenyl-d14	13.00	244	497368	57.07	ng	0.00
Target Compounds						
9) Benzaldehyde	6.51	77	1203	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	65543	9.966 ng	#	1
25) Isophorone	7.44	82	470670	25.178 ng	#	82
66) 4-Bromophenyl-phenylether	10.72	248	6507	2.121 ng	#	64
					#	1

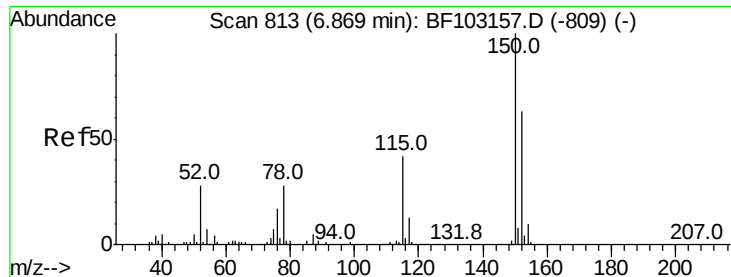
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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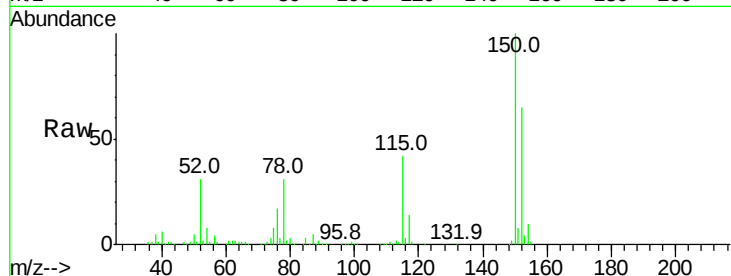


#1

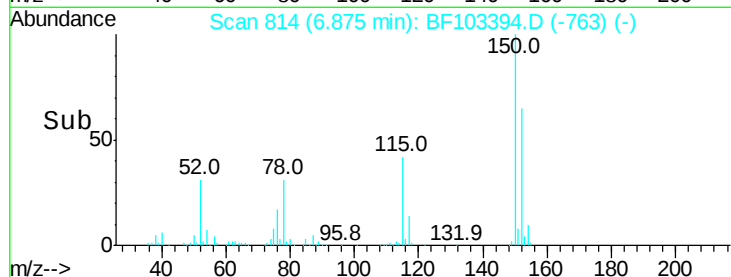
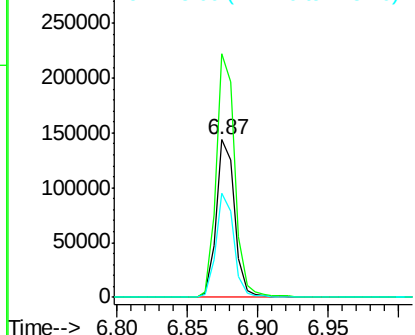
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103394.D
Acq: 3 Mar 2018 6:04

Instrument :
BNA_F
ClientSampleId :
5SDM

Tot Ion:152 Resp: 130604
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 65.8 50.1 75.1



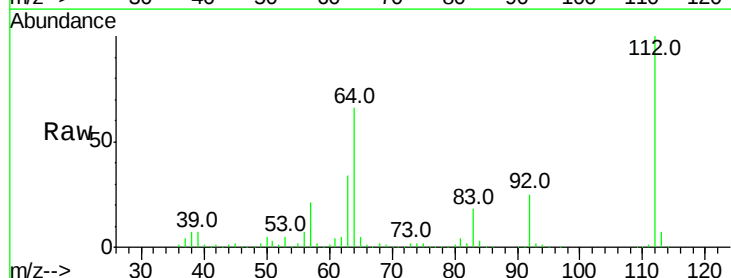
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



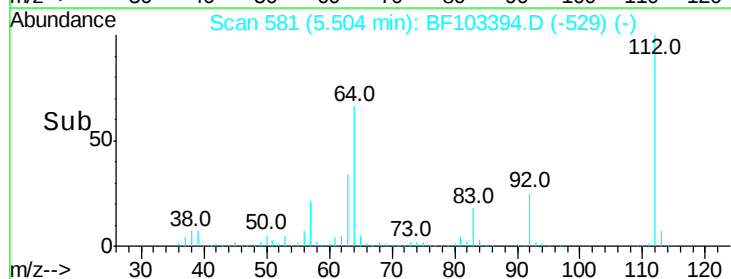
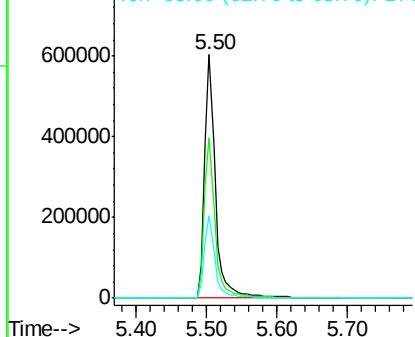
#5

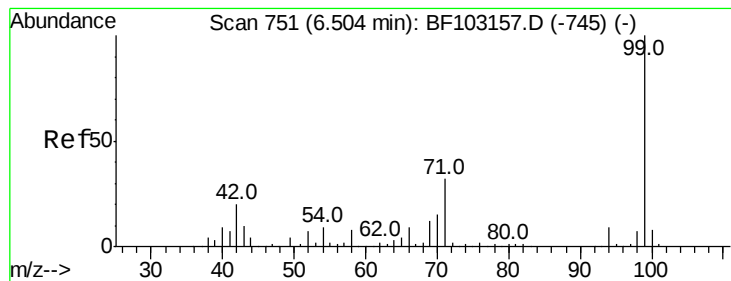
2-Fluorophenol
Concen: 74.731 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103394.D
Acq: 3 Mar 2018 6:04

Tgt Ion:112 Resp: 645330
Ion Ratio Lower Upper
112 100
64 65.7 47.9 71.9
63 33.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 73.335 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF103394.D

Acq: 3 Mar 2018 6:04

Instrument :

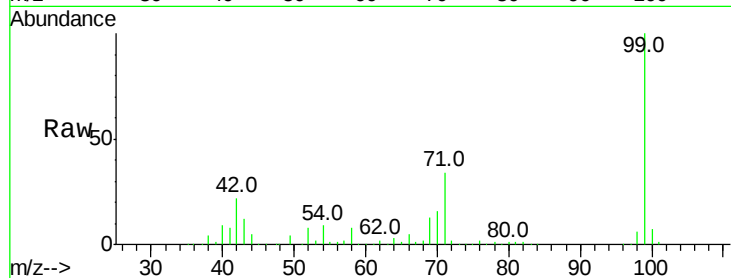
BNA_F

ClientSampleId :

5SDM

Tot Ion: 99 Resp: 774906

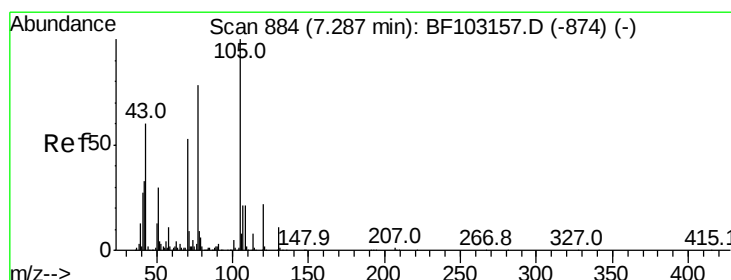
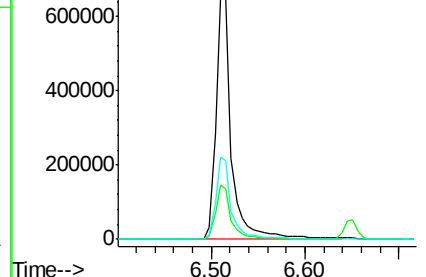
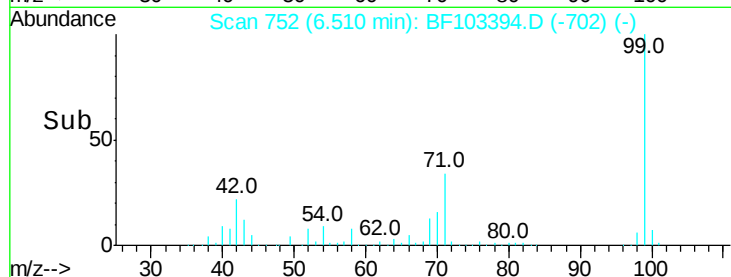
Ion	Ratio	Lower	Upper
99	100		
42	22.4	14.5	21.7#
71	34.1	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 9.966 ng

RT: 7.44 min Scan# 910

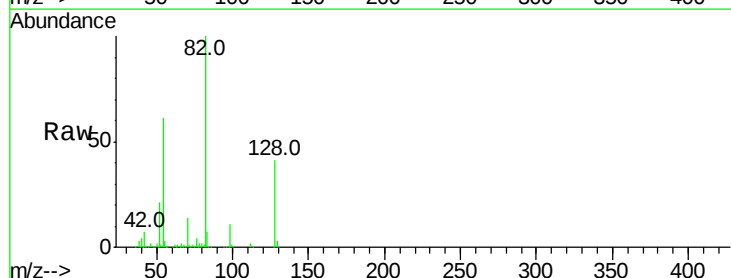
Delta R.T. 0.15 min

Lab File: BF103394.D

Acq: 3 Mar 2018 6:04

Tgt Ion: 70 Resp: 65543

Ion	Ratio	Lower	Upper
70	100		
42	52.7	47.5	71.3
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#

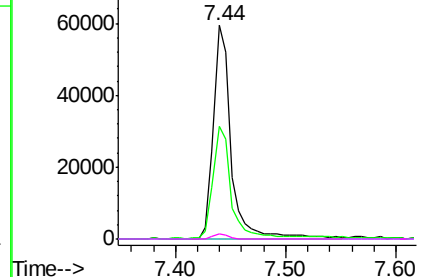
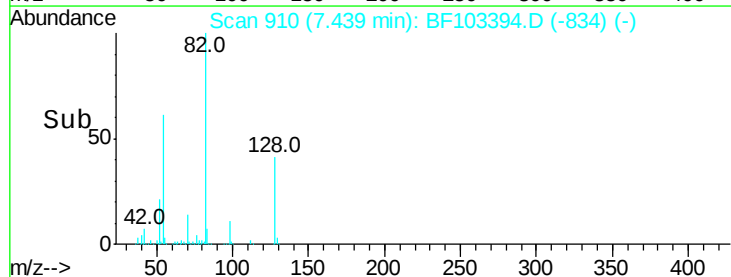


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

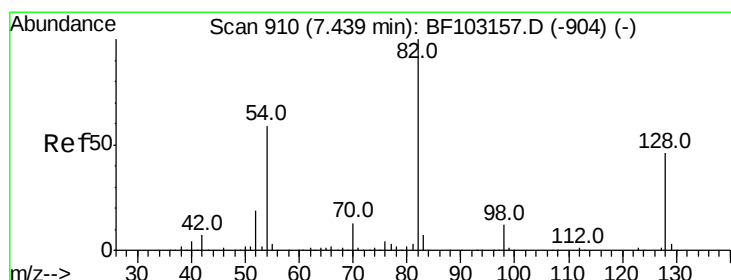
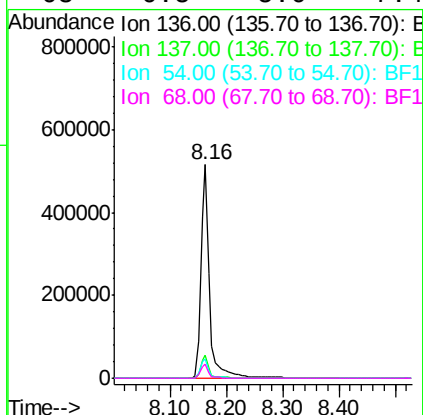
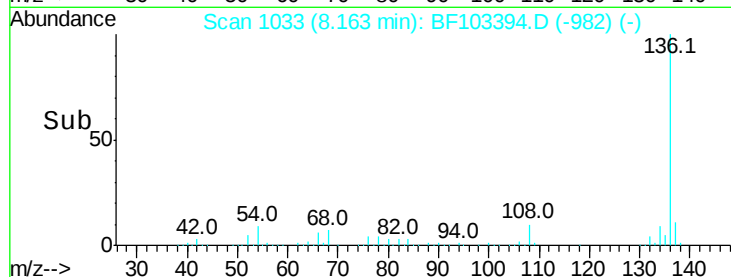
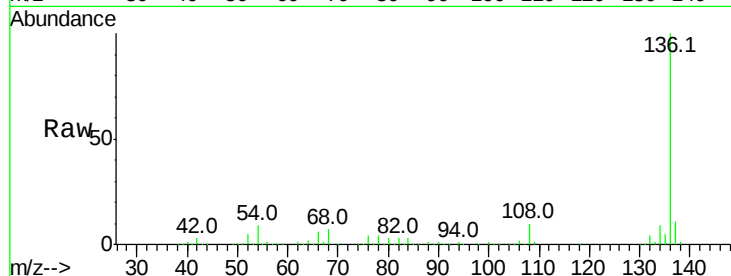




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF103394.D
Acq: 3 Mar 2018 6:04

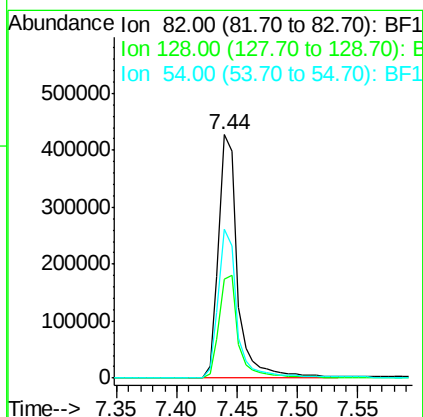
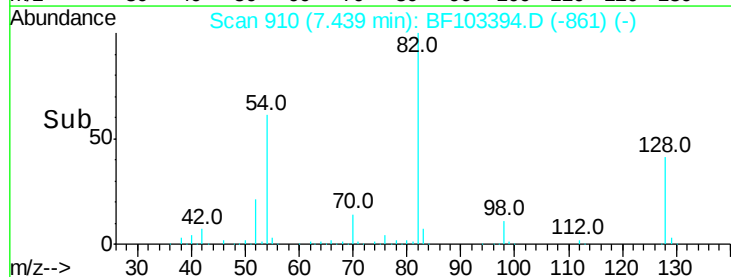
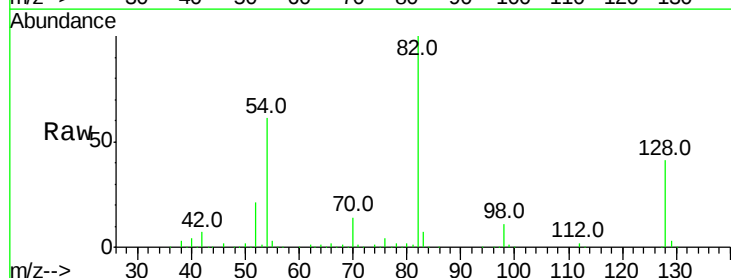
Instrument :
BNA_F
ClientSampleId :
5SDM

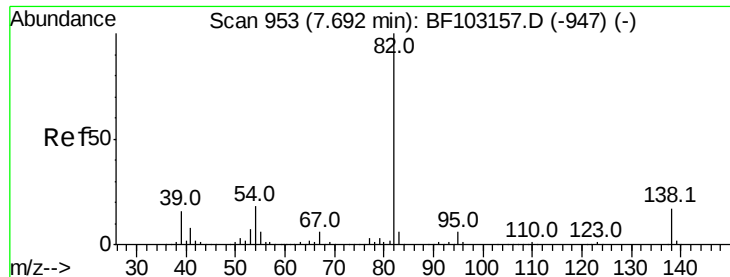
Tot Ion:	136	Resp:	542041
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.3	6.6	9.8
68	6.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 49.589 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103394.D
Acq: 3 Mar 2018 6:04

Tgt Ion:	82	Resp:	470673
Ion	Ratio	Lower	Upper
82	100		
128	40.7	36.1	54.1
54	61.3	41.4	62.2





#25

Isophorone

Concen: 25.178 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.26 min

Lab File: BF103394.D

Acq: 3 Mar 2018 6:04

Instrument :

BNA_F

ClientSampleId :

5SDM

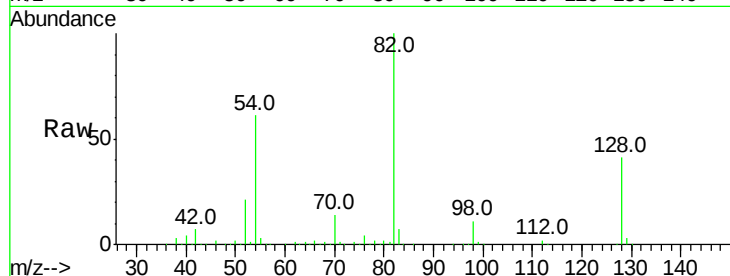
Tot Ion: 82 Resp: 470670

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

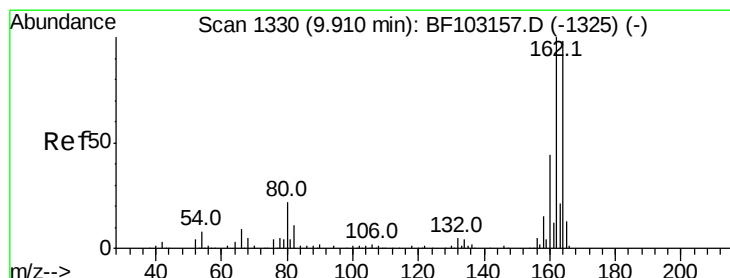
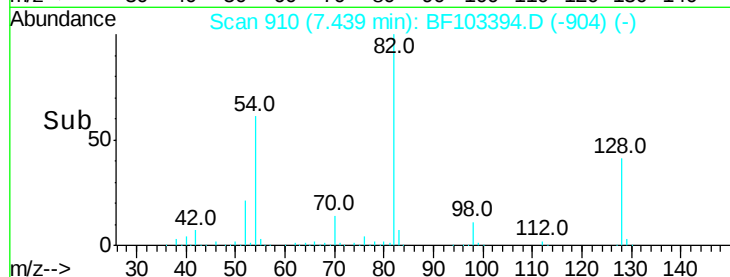
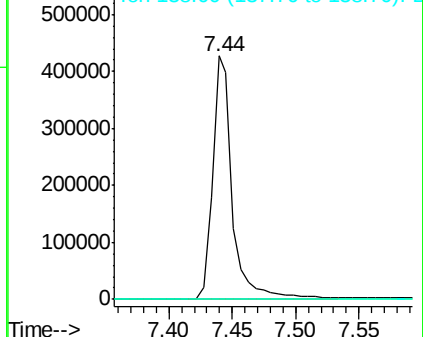
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BF103394.D

Acq: 3 Mar 2018 6:04

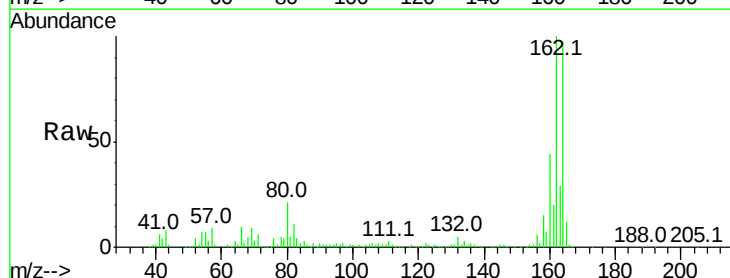
Tgt Ion:164 Resp: 207368

Ion Ratio Lower Upper

164 100

162 103.6 86.1 129.1

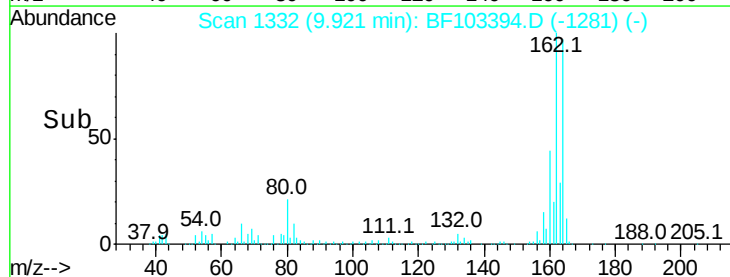
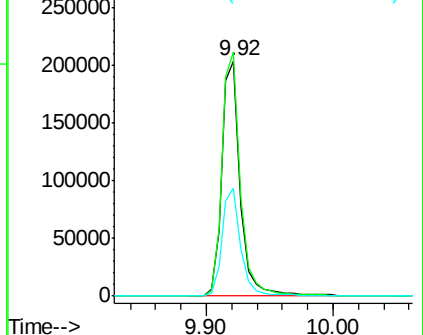
160 45.9 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

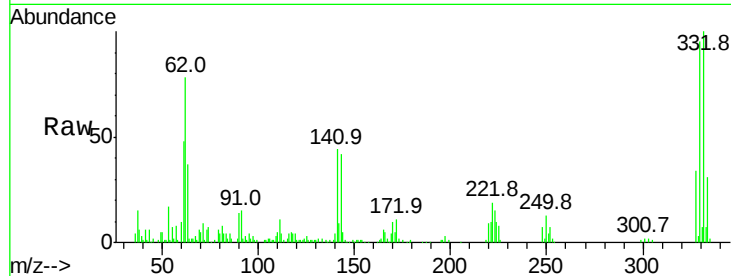




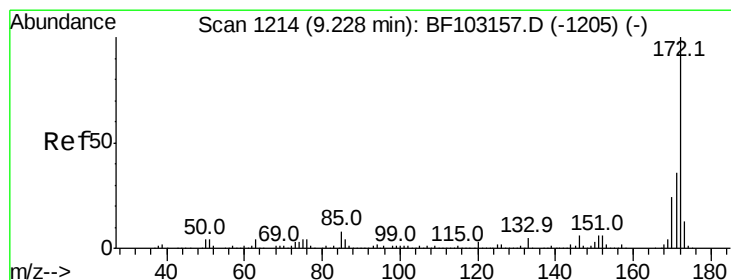
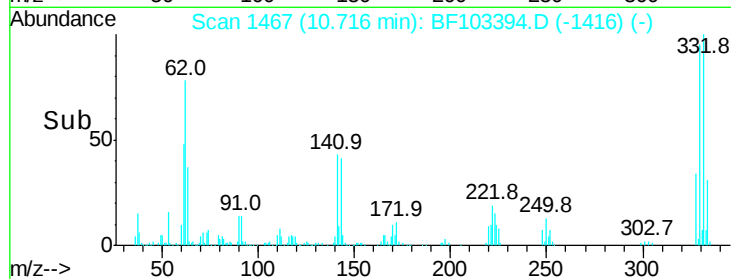
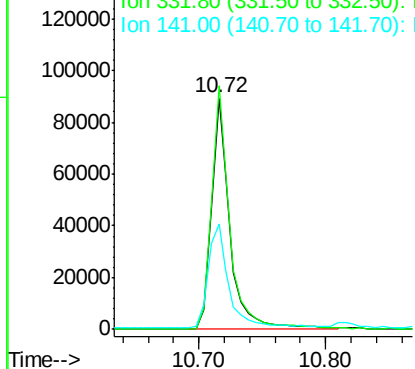
#41
 2,4,6-Tribromophenol
 Concen: 52.641 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.00 min
 Lab File: BF103394.D
 Acq: 3 Mar 2018 6:04

Instrument :
 BNA_F
 ClientSampleId :
 5SDM

Tot Ion:330 Resp: 92399
 Ion Ratio Lower Upper
 330 100
 332 104.4 77.0 115.6
 141 49.9 29.9 44.9#

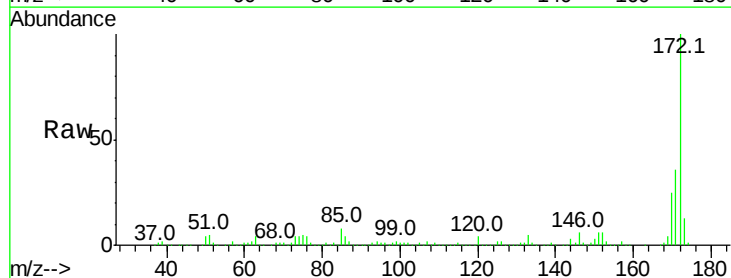


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

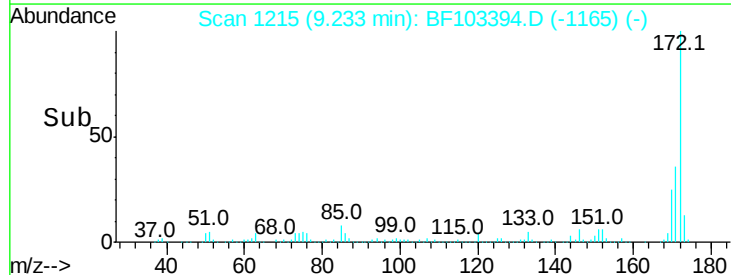
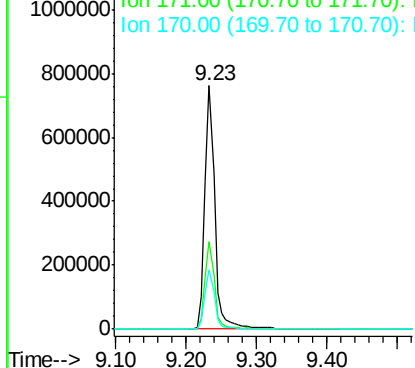


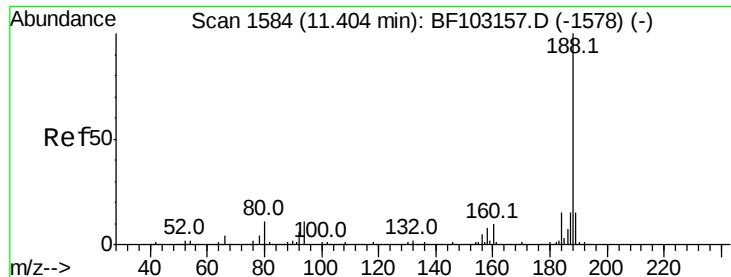
#44
 2-Fluorobiphenyl
 Concen: 58.001 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103394.D
 Acq: 3 Mar 2018 6:04

Tgt Ion:172 Resp: 754761
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.6 19.6 29.4



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF103394.D

Acq: 3 Mar 2018 6:04

Instrument :

BNA_F

ClientSampleId :

5SDM

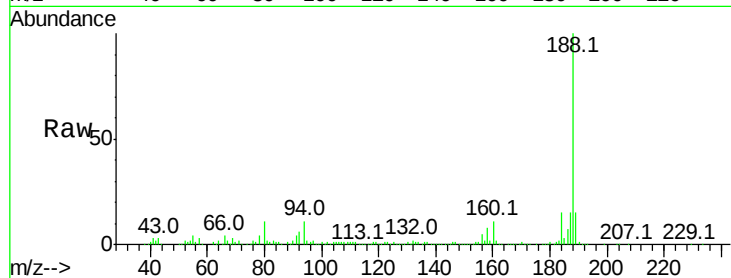
Tot Ion:188 Resp: 294458

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

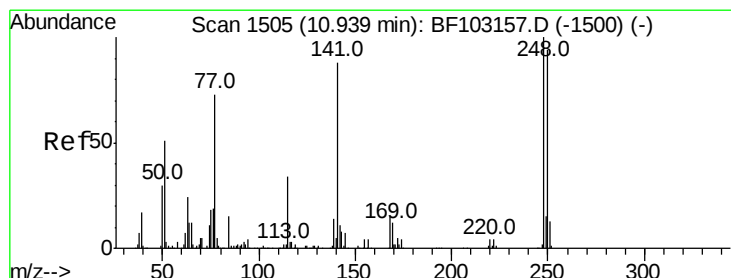
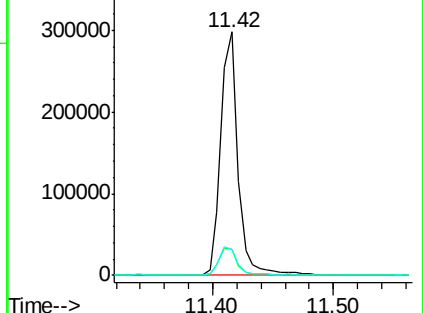
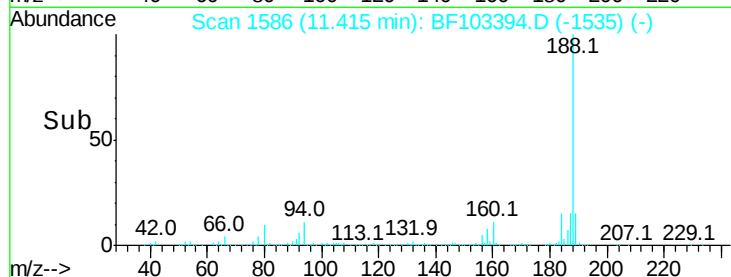
80 10.8 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#66

4-Bromophenyl-phenylether

Concen: 2.121 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.24 min

Lab File: BF103394.D

Acq: 3 Mar 2018 6:04

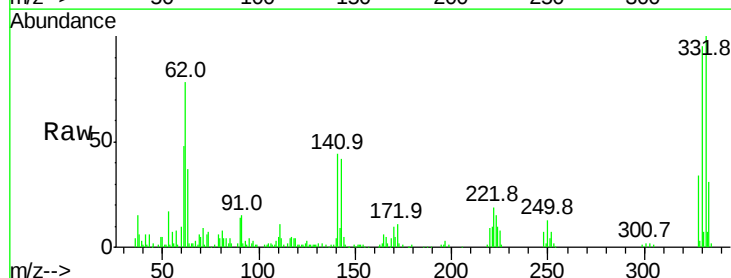
Tgt Ion:248 Resp: 6507

Ion Ratio Lower Upper

248 100

250 185.4 76.9 115.3#

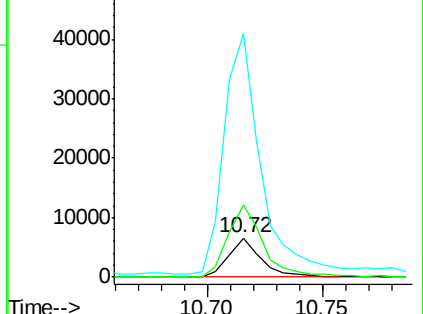
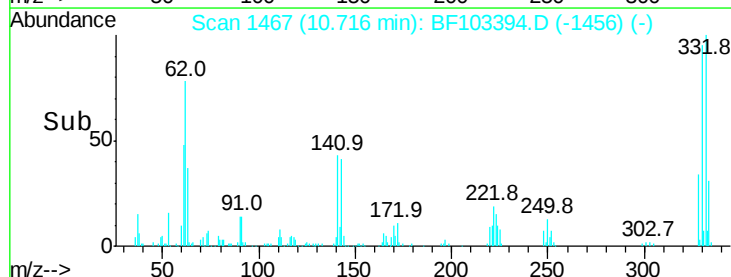
141 625.0 74.4 111.6#

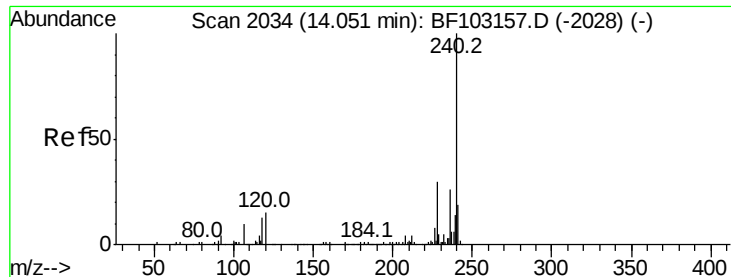


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

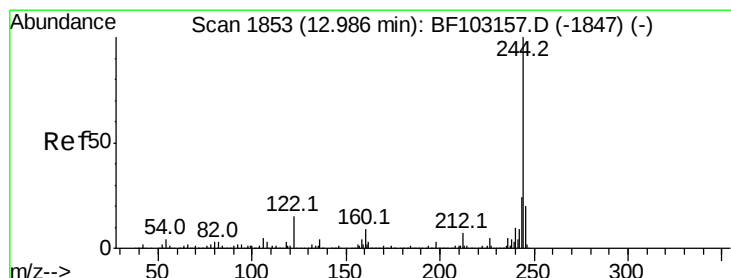
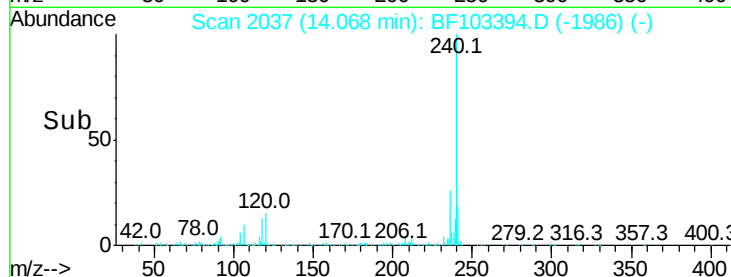
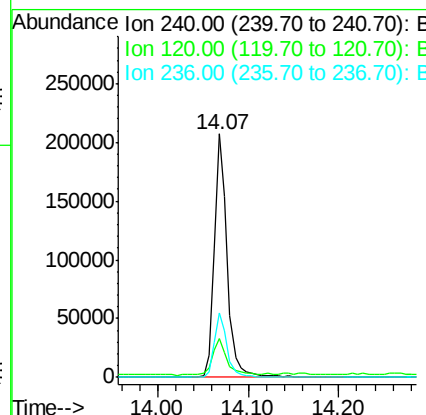
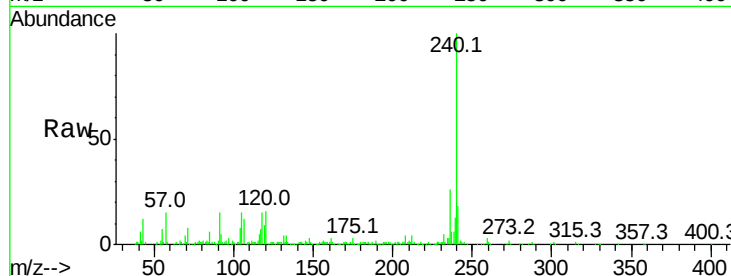




#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: BF103394.D
 Acq: 3 Mar 2018 6:04

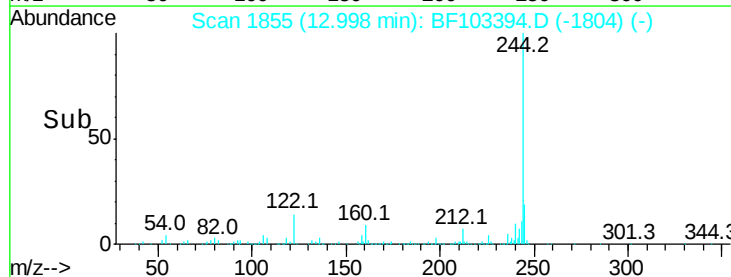
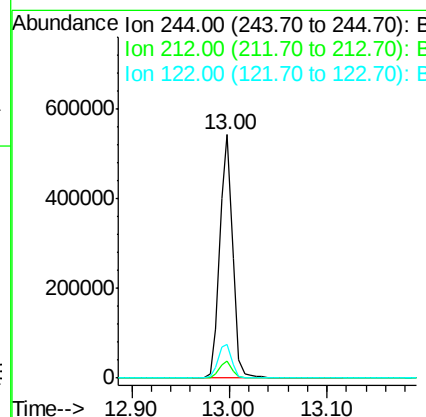
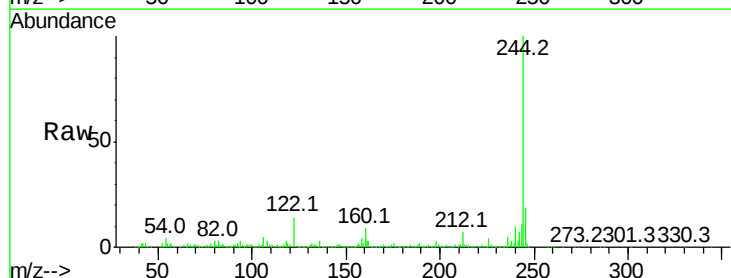
Instrument :
 BNA_F
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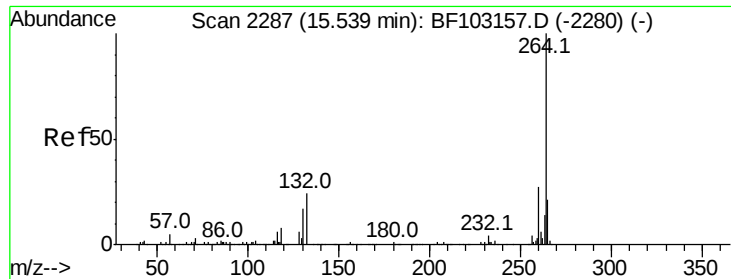
Tot Ion:240 Resp: 209484
 Ion Ratio Lower Upper
 240 100
 120 16.1 9.5 14.3#
 236 26.3 20.7 31.1



#78
 Terphenyl-d14
 Concen: 57.074 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: BF103394.D
 Acq: 3 Mar 2018 6:04

Tgt Ion:244 Resp: 497368
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 14.1 11.0 16.4

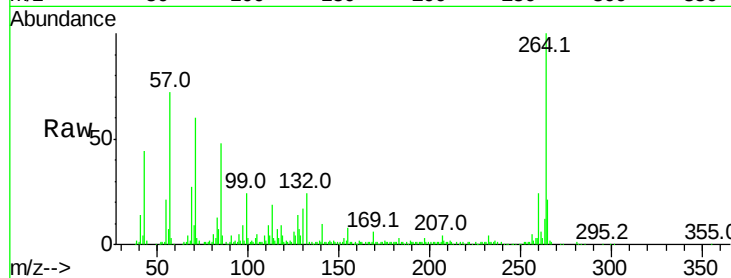




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.59 min Scan# 2295
 Delta R.T. 0.02 min
 Lab File: BF103394.D
 Acq: 3 Mar 2018 6:04

Instrument :
 BNA_F
 ClientSampleId :
 5SDM

Tot Ion: 264 Resp: 147453
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.1 17.5 26.3



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

