

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
 Data File : BF099634.D
 Acq On : 18 Oct 2017 23:05
 Operator : SJ/JU
 Sample : I5931-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 19 00:41:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 18 22:24:53 2017
 Response via : Initial Calibration

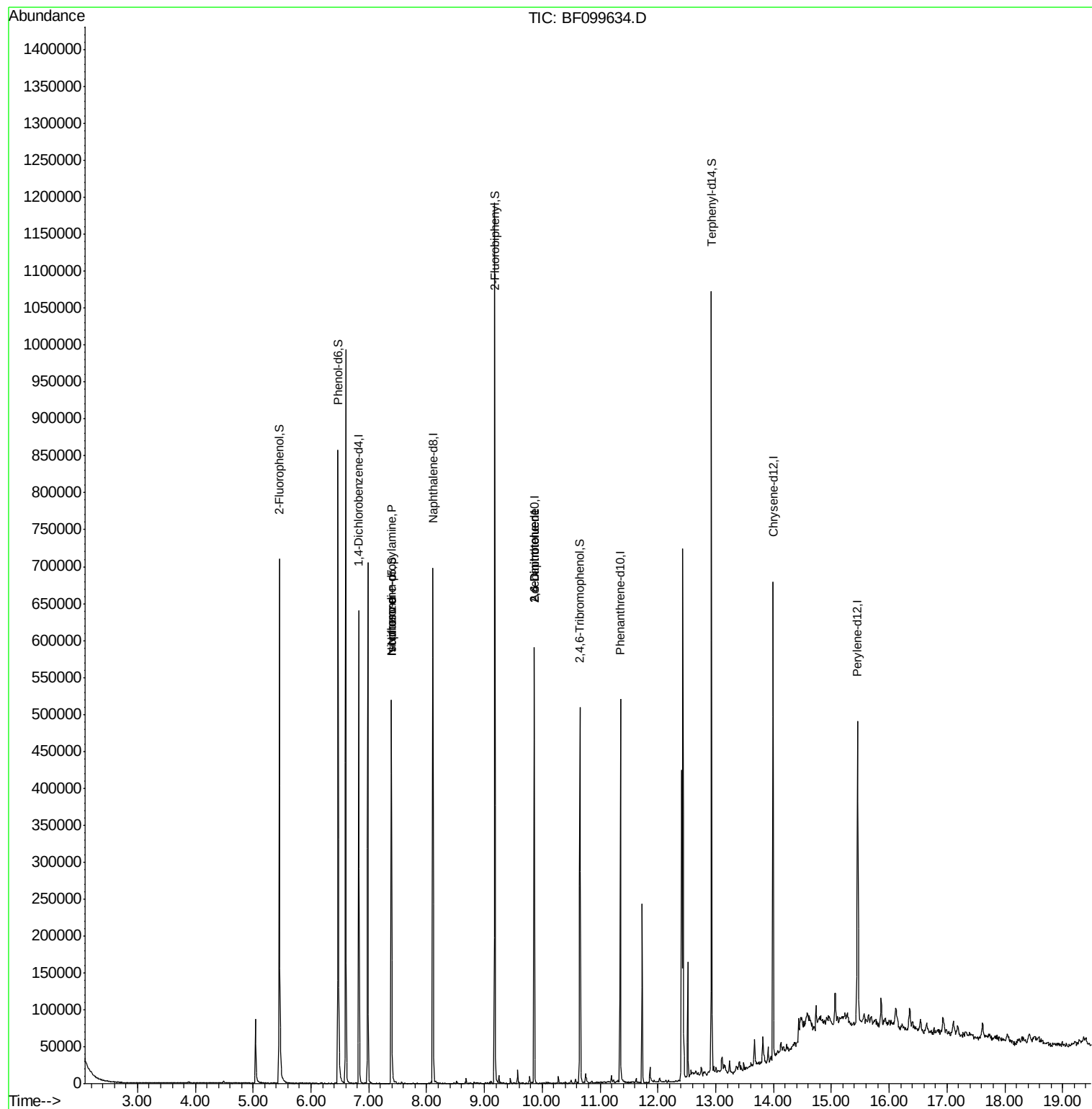
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	93327	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	322448	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	112163	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	183138	20.00	ng	0.00
75) Chrysene-d12	13.99	240	197755	20.00	ng	0.00
86) Perylene-d12	15.46	264	168619	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	236339	40.31	ng	0.00
7) Phenol-d6	6.47	99	317064	43.84	ng	-0.01
23) Nitrobenzene-d5	7.39	82	165478	32.91	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	52465	57.16	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	351870	52.37	ng	0.00
78) Terphenyl-d14	12.93	244	298806	34.36	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	19695	4.265	ng	# 73
25) Isophorone	7.39	82	165476	15.918	ng	# 64
50) 2,6-Dinitrotoluene	9.86	165	14219	7.715	ng	# 24
56) 2,4-Dinitrotoluene	9.86	165	14219	5.945	ng	# 21

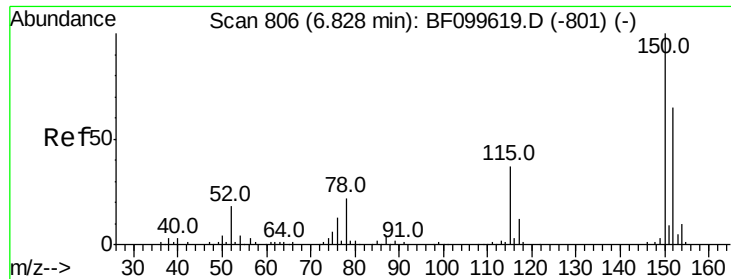
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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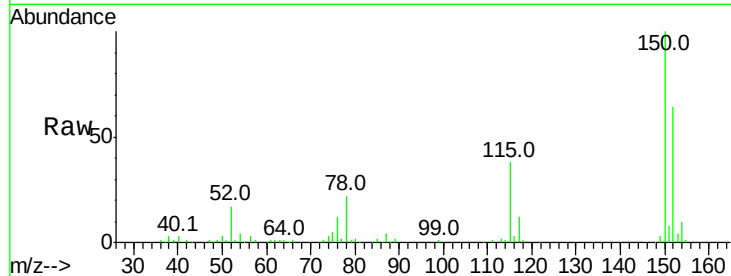


#1

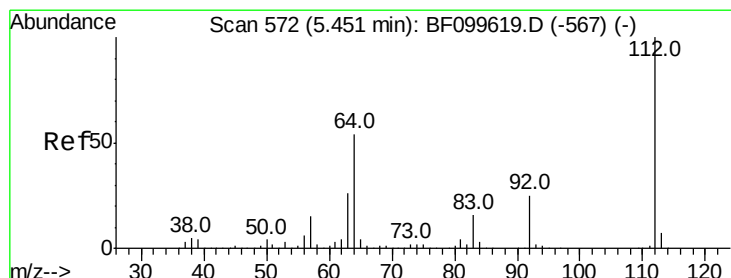
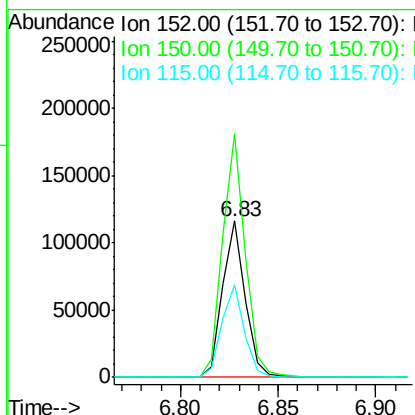
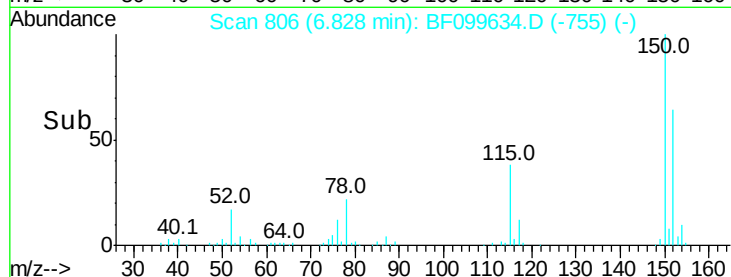
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF099634.D
Acq: 18 Oct 2017 23:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 93327
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 59.2 50.1 75.1



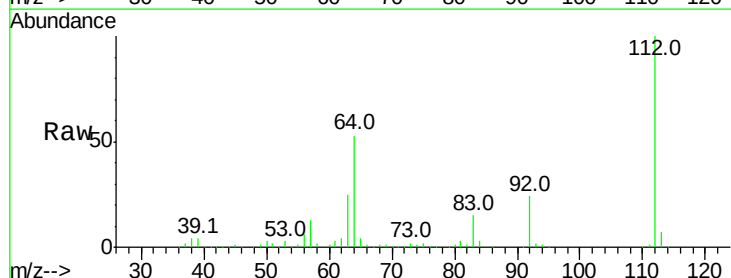
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



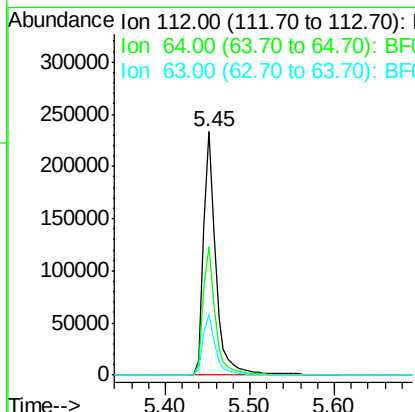
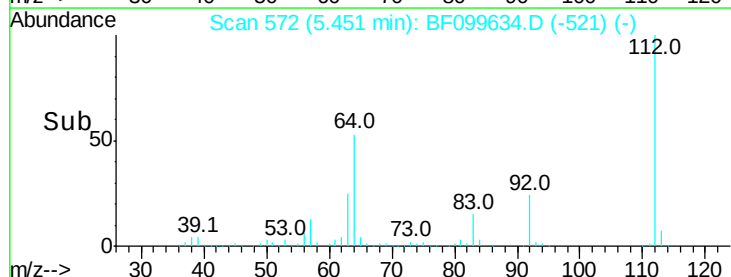
#5

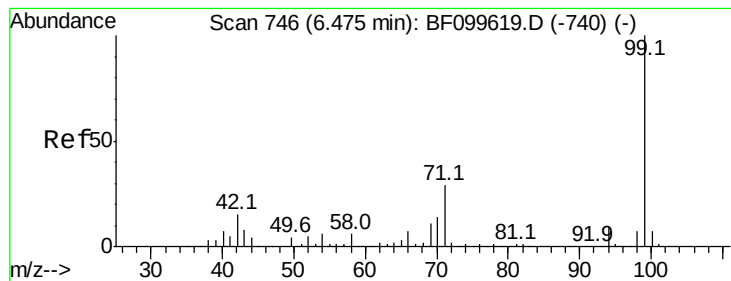
2-Fluorophenol
Concen: 40.313 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF099634.D
Acq: 18 Oct 2017 23:05

Tgt Ion:112 Resp: 236339
Ion Ratio Lower Upper
112 100
64 52.8 47.9 71.9
63 24.7 23.7 35.5



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: 43.841 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF099634.D

Acq: 18 Oct 2017 23:05

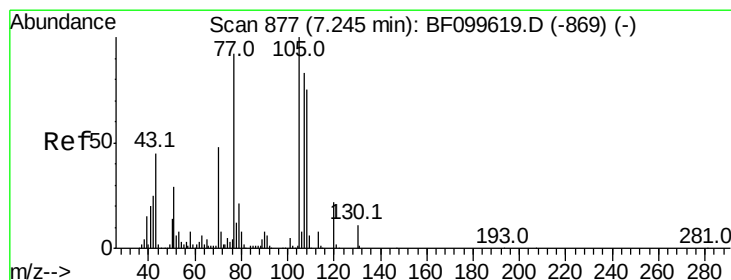
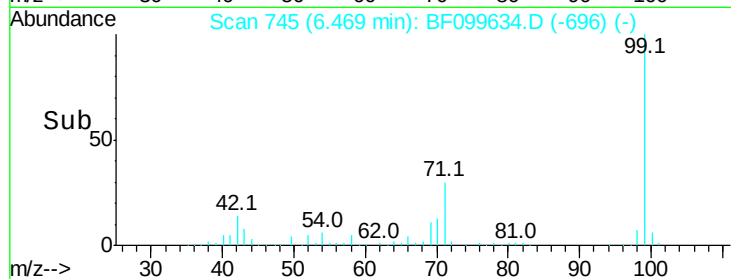
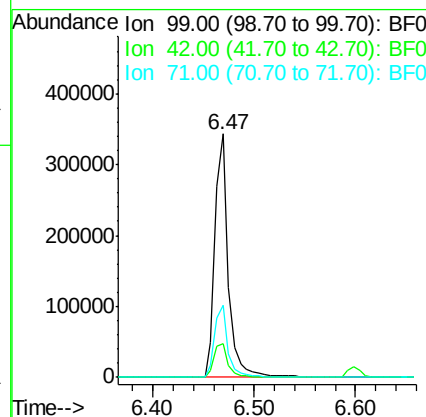
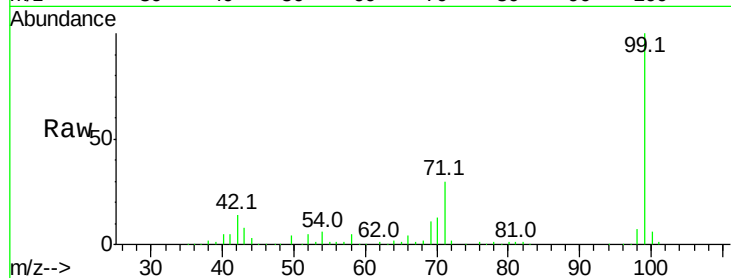
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 317064

Ion	Ratio	Lower	Upper
99	100		
42	13.9	14.5	21.7#
71	29.6	25.4	38.0



#19

n-Nitroso-di-n-propylamine

Concen: 4.265 ng

RT: 7.39 min Scan# 902

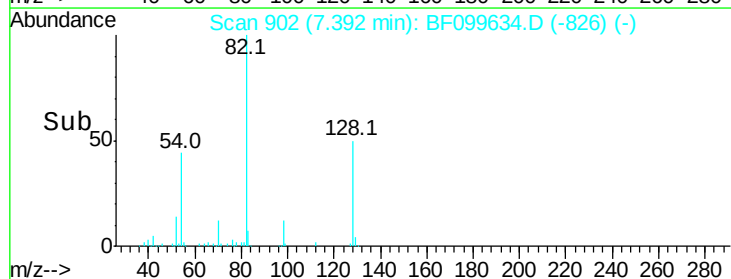
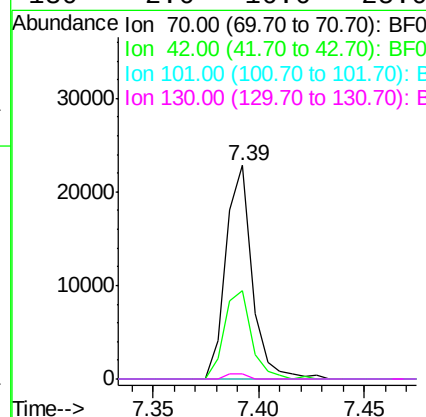
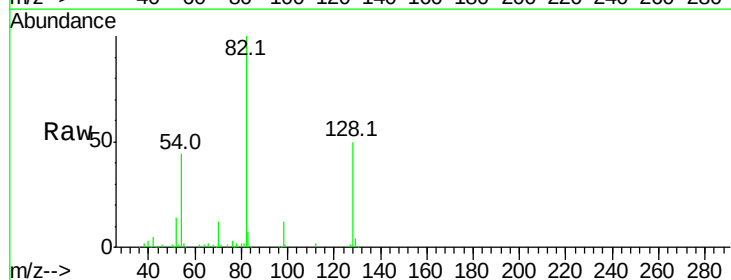
Delta R.T. 0.15 min

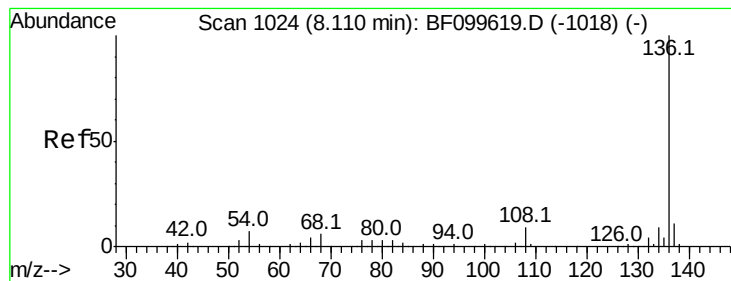
Lab File: BF099634.D

Acq: 18 Oct 2017 23:05

Tgt Ion: 70 Resp: 19695

Ion	Ratio	Lower	Upper
70	100		
42	41.6	47.5	71.3#
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF099634.D

Acq: 18 Oct 2017 23:05

Instrument :

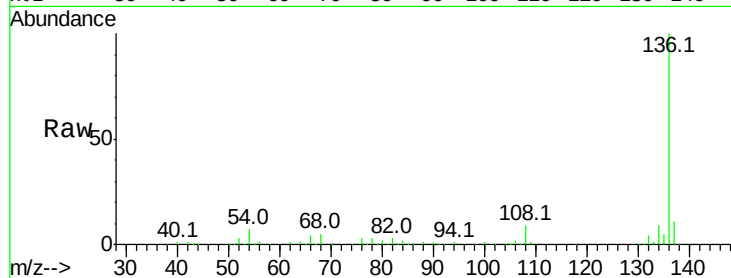
BNA_F

ClientSampleId :

Tot Ion:136 Resp: 322448

Ion Ratio Lower Upper

136	100		
137	11.0	8.9	13.3
54	6.5	6.6	9.8#
68	5.4	5.0	7.4

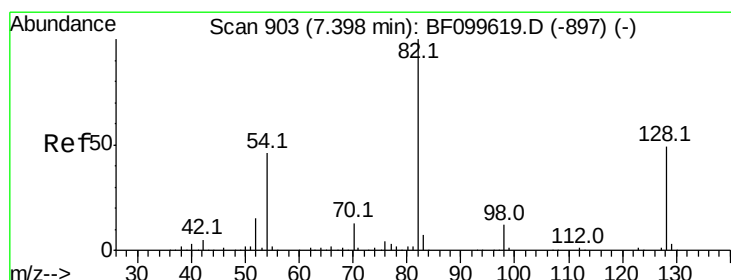
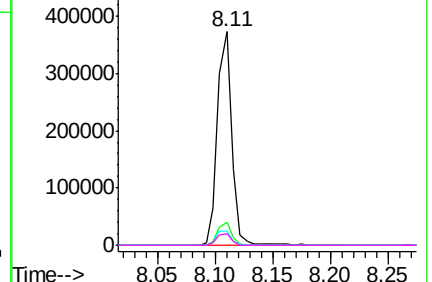
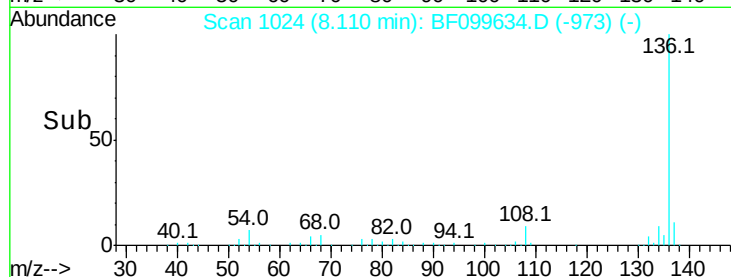


Abundance Ion 136.00 (135.70 to 136.70): E

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: 32.911 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

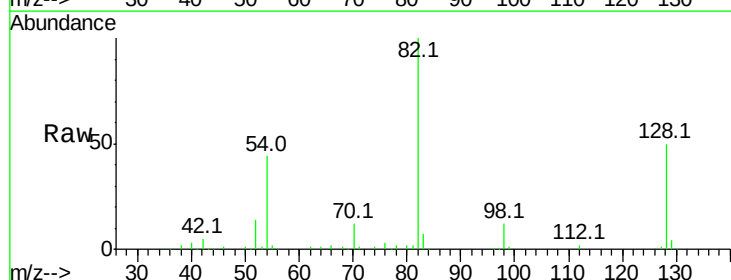
Lab File: BF099634.D

Acq: 18 Oct 2017 23:05

Tgt Ion: 82 Resp: 165478

Ion Ratio Lower Upper

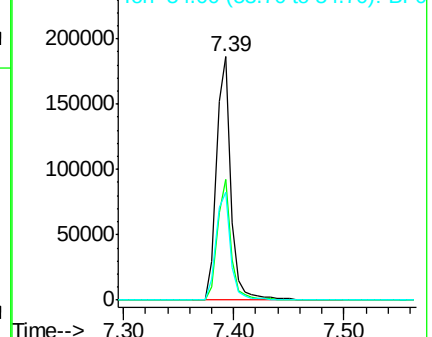
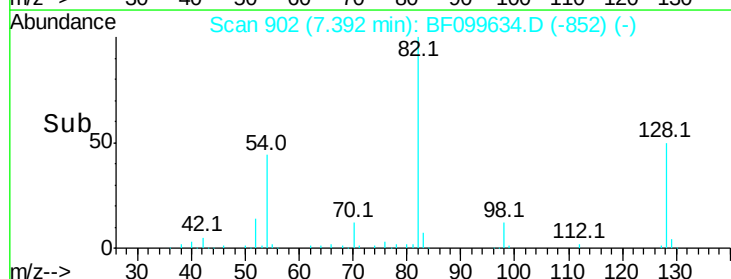
82	100		
128	49.7	36.1	54.1
54	44.4	41.4	62.2

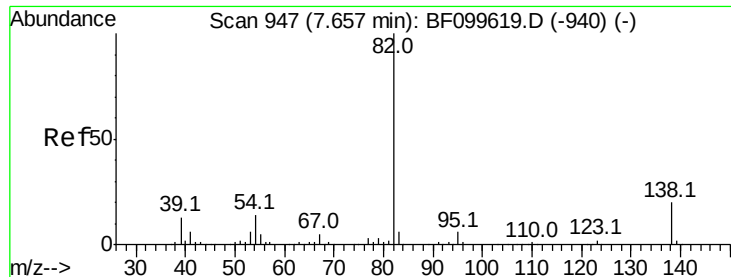


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 15.918 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.26 min

Lab File: BF099634.D

Acq: 18 Oct 2017 23:05

Instrument :

BNA_F

ClientSampled :

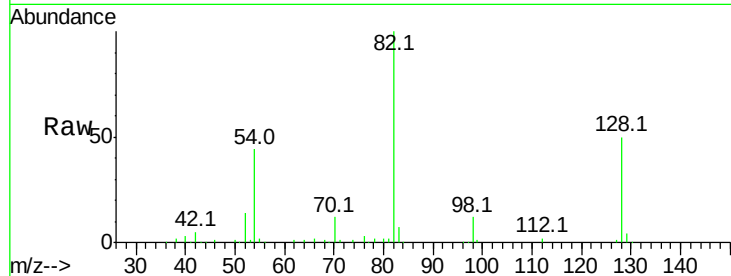
Tot Ion: 82 Resp: 165476

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

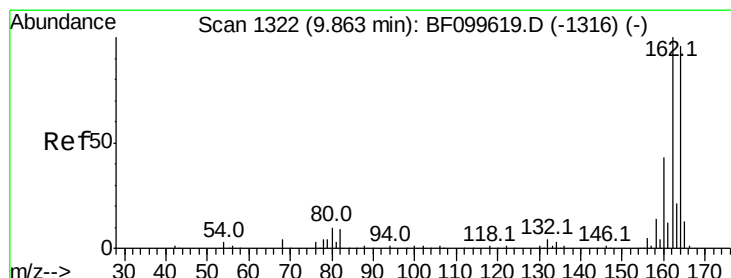
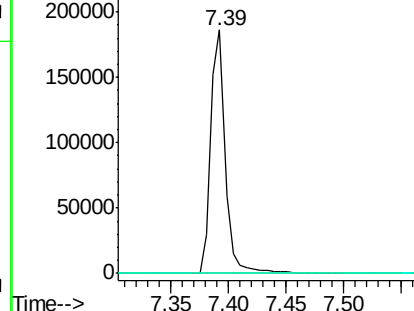
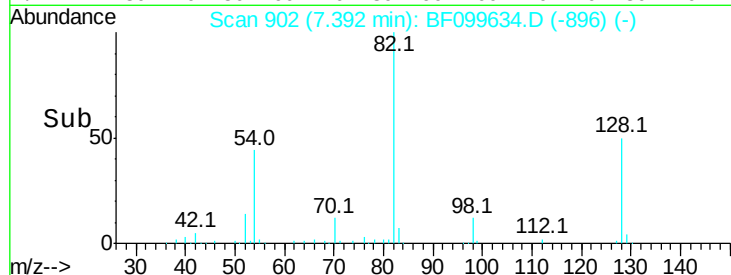
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF099634.D

Acq: 18 Oct 2017 23:05

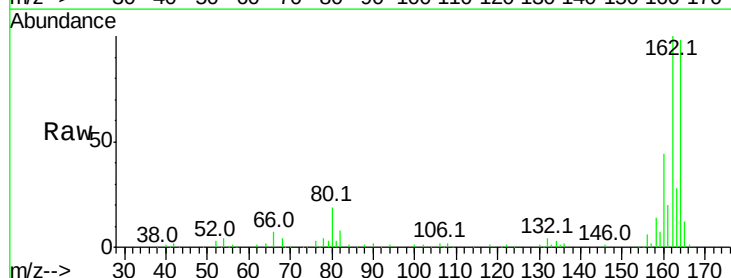
Tgt Ion:164 Resp: 112163

Ion Ratio Lower Upper

164 100

162 102.5 86.1 129.1

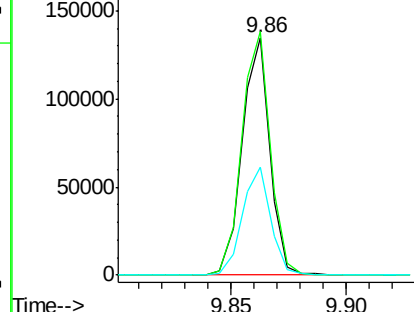
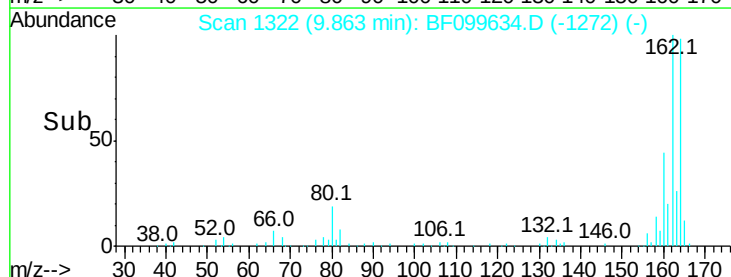
160 45.5 38.3 57.5

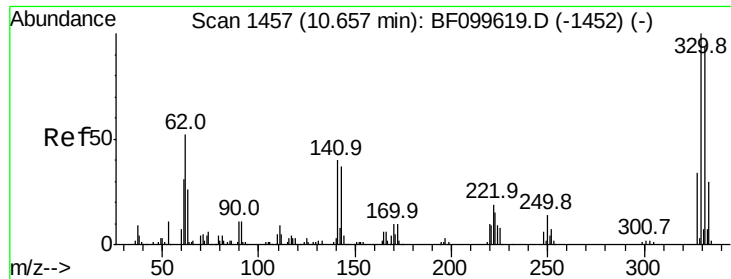


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 57.164 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BF099634.D

Acq: 18 Oct 2017 23:05

Instrument :

BNA_F

ClientSampled :

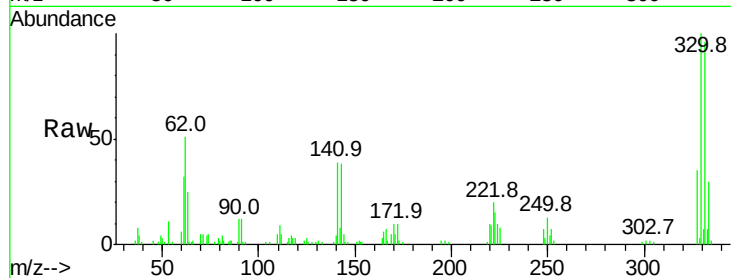
Tot Ion:330 Resp: 52465

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

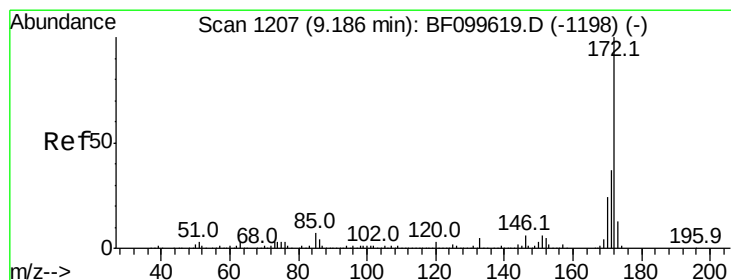
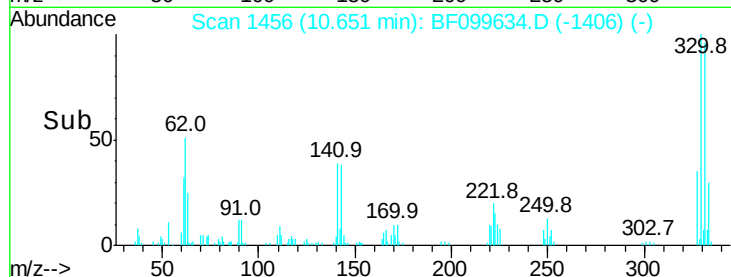
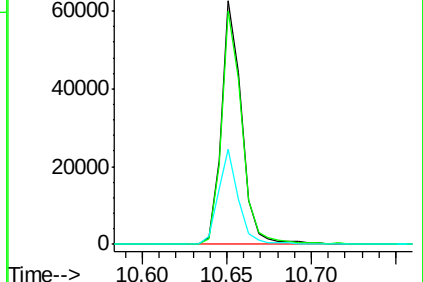
141 38.5 29.9 44.9



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: 52.372 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF099634.D

Acq: 18 Oct 2017 23:05

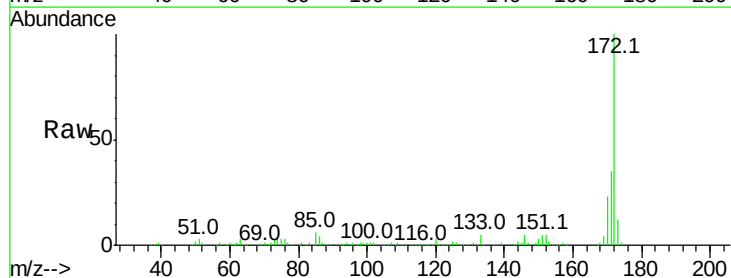
Tgt Ion:172 Resp: 351870

Ion Ratio Lower Upper

172 100

171 35.0 29.7 44.5

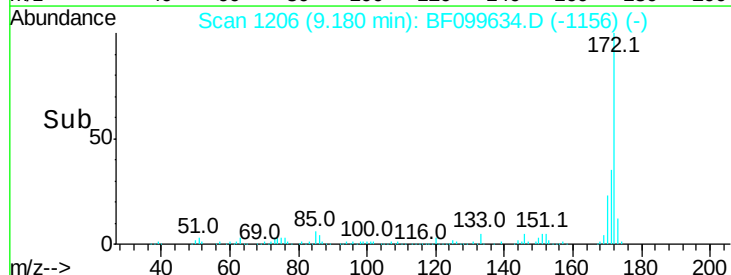
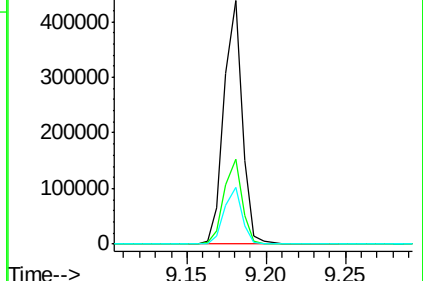
170 23.3 19.6 29.4

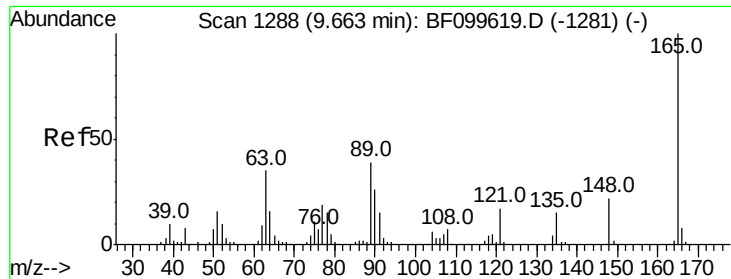


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

2,6-Dinitrotoluene

Concen: 7.715 ng

RT: 9.86 min Scan# 1322

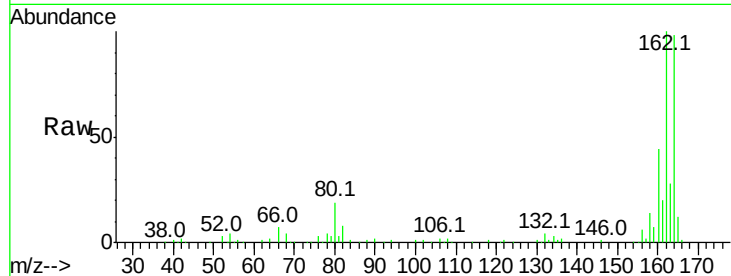
Delta R.T. 0.21 min

Lab File: BF099634.D

Acq: 18 Oct 2017 23:05

Instrument :
BNA_F
ClientSampleId :

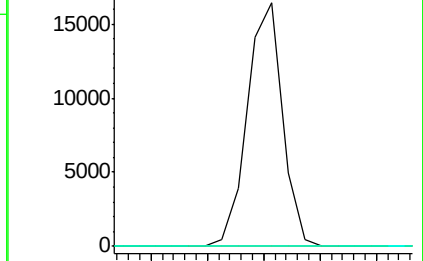
Tot Ion:	165	Resp:	14219
Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



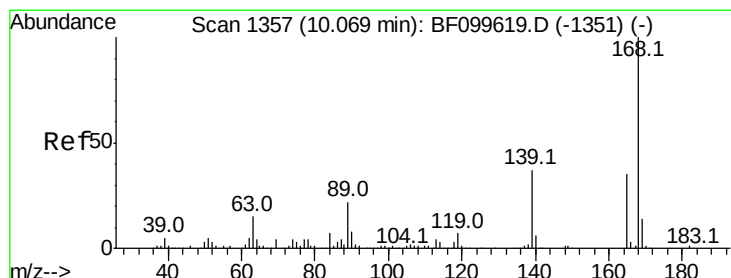
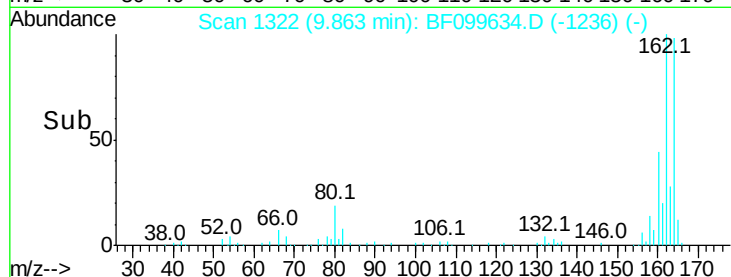
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



Time-->



#56

2,4-Dinitrotoluene

Concen: 5.945 ng

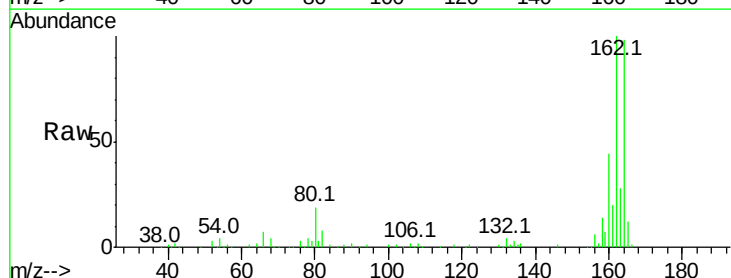
RT: 9.86 min Scan# 1322

Delta R.T. -0.21 min

Lab File: BF099634.D

Acq: 18 Oct 2017 23:05

Tgt Ion:	165	Resp:	14219
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

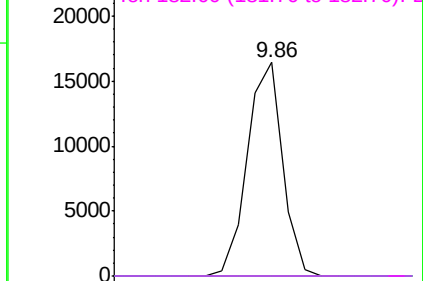


Abundance Ion 165.00 (164.70 to 165.70): E

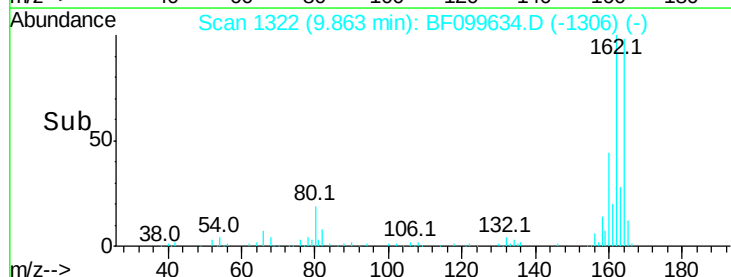
Ion 63.00 (62.70 to 63.70): BF0

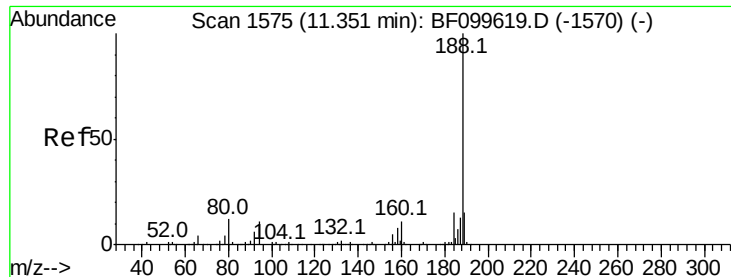
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Time-->

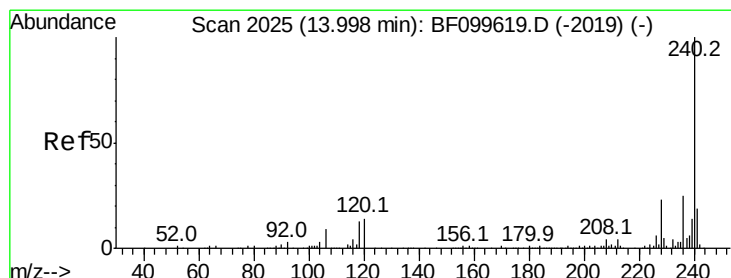
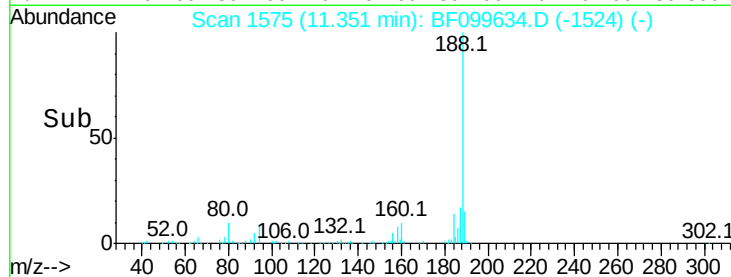
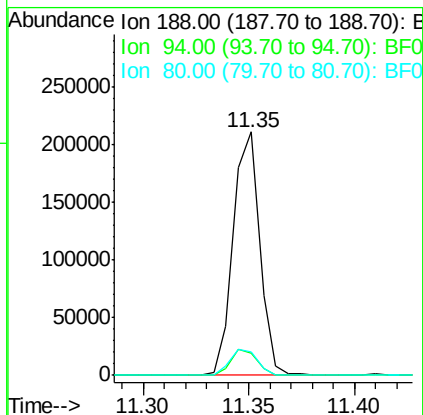
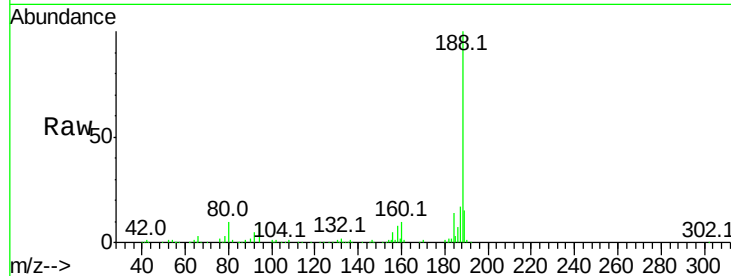




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF099634.D
Acq: 18 Oct 2017 23:05

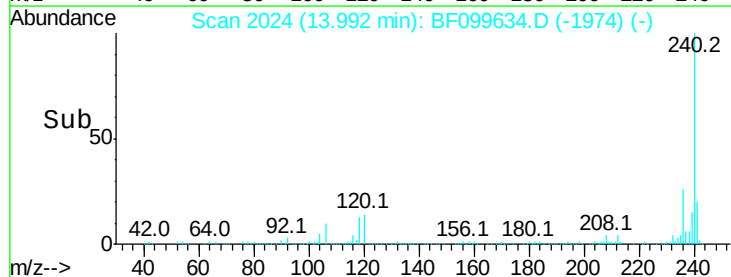
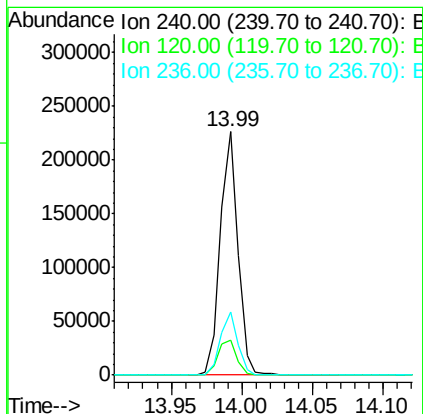
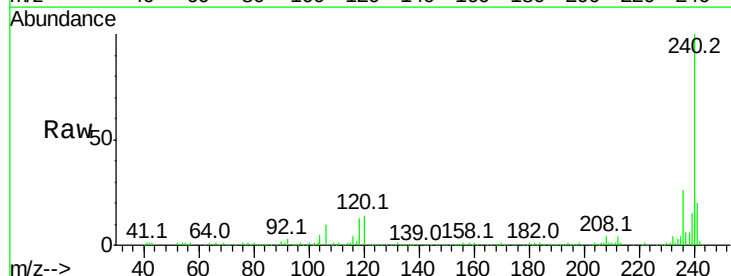
Instrument :
BNA_F
ClientSampled :

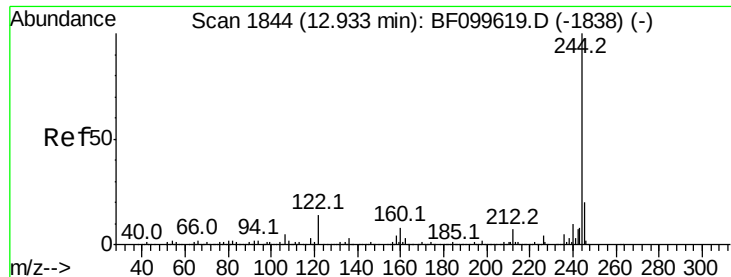
Tot Ion:188 Resp: 183138
Ion Ratio Lower Upper
188 100
94 9.2 8.5 12.7
80 9.8 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF099634.D
Acq: 18 Oct 2017 23:05

Tgt Ion:240 Resp: 197755
Ion Ratio Lower Upper
240 100
120 14.2 9.5 14.3
236 25.7 20.7 31.1





#78

Terphenyl-d14

Concen: 34.363 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF099634.D

Acq: 18 Oct 2017 23:05

Instrument :

BNA_F

ClientSampleId :

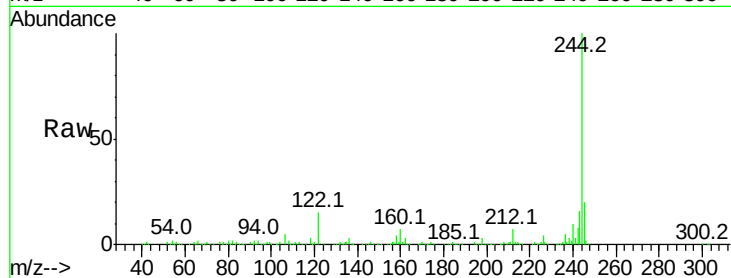
Tot Ion:244 Resp: 298806

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

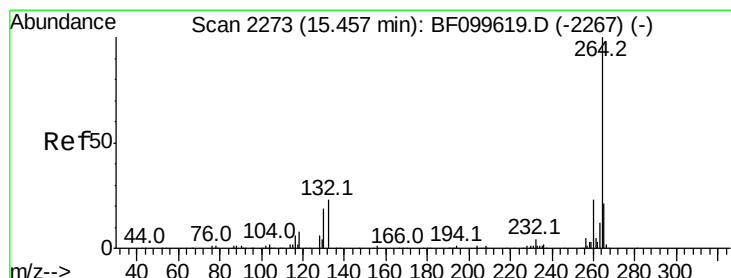
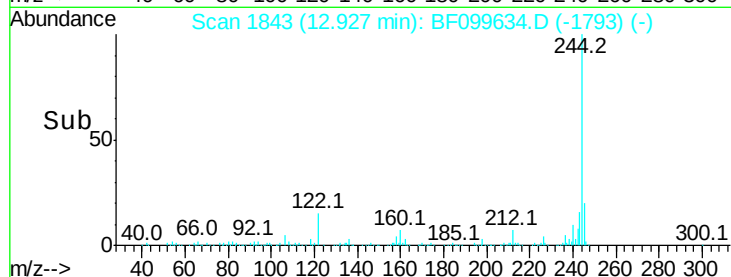
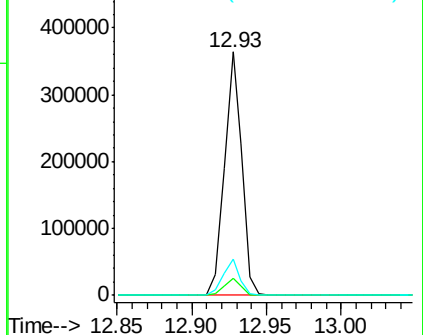
122 14.7 11.0 16.4



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: 20.000 ng

RT: 15.46 min Scan# 2273

Delta R.T. 0.00 min

Lab File: BF099634.D

Acq: 18 Oct 2017 23:05

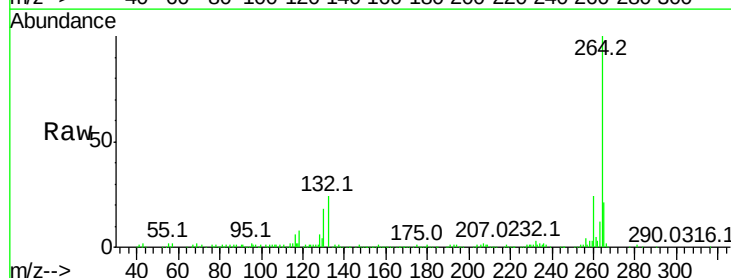
Tgt Ion:264 Resp: 168619

Ion Ratio Lower Upper

264 100

260 23.6 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

