

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
 Data File : BF114525.D
 Acq On : 23 May 2019 14:49
 Operator : JU/SJ
 Sample : K2906-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 24 07:17:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 23 03:49:15 2019
 Response via : Initial Calibration

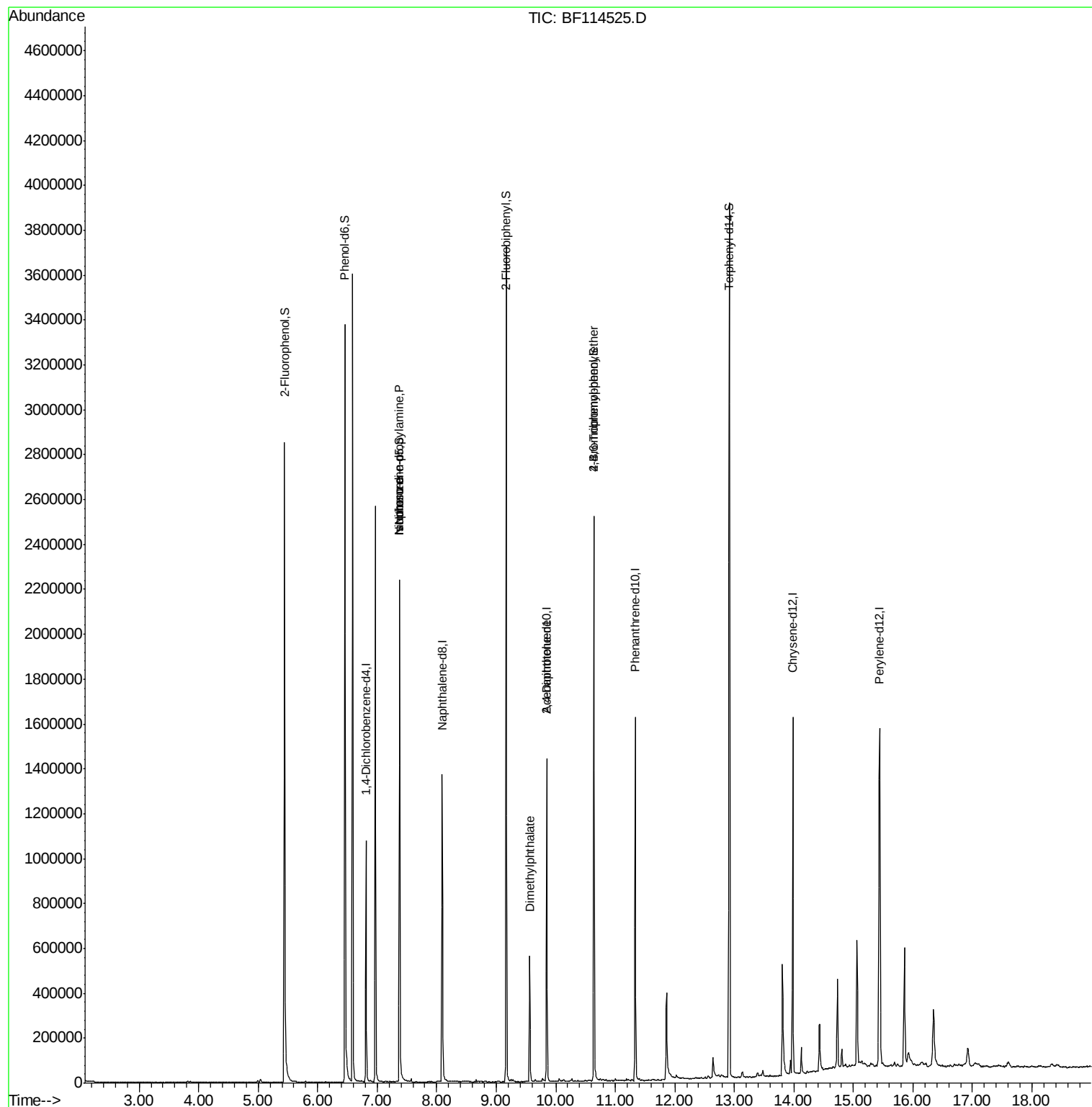
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	158819	20.00	ng	-0.03
21) Naphthalene-d8	8.09	136	615886	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	295497	20.00	ng	-0.03
64) Phenanthrene-d10	11.33	188	616786	20.00	ng	-0.02
76) Chrysene-d12	13.98	240	521177	20.00	ng	-0.02
87) Perylene-d12	15.44	264	543852	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	874976	88.66	ng	-0.03
7) Phenol-d6	6.46	99	1135574	97.29	ng	-0.03
23) Nitrobenzene-d5	7.37	82	670560	61.10	ng	-0.03
42) 2,4,6-Tribromophenol	10.64	330	281618	92.18	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	1080713	55.32	ng	-0.02
79) Terphenyl-d14	12.92	244	1368999	54.15	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	87076	11.769	ng	# 75
25) Isophorone	7.37	82	670555	32.946	ng	# 64
50) Dimethylphthalate	9.56	163	211351	9.743	ng	98
57) 2,4-Dinitrotoluene	9.85	165	37464	5.737	ng	# 25
67) 4-Bromophenyl-phenylether	10.64	248	17481	2.574	ng	# 1

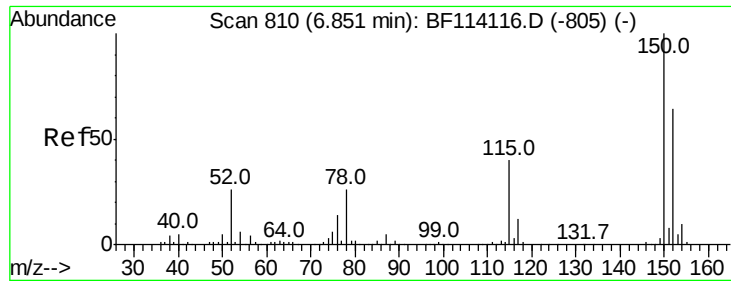
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 23 03:49:15 2019
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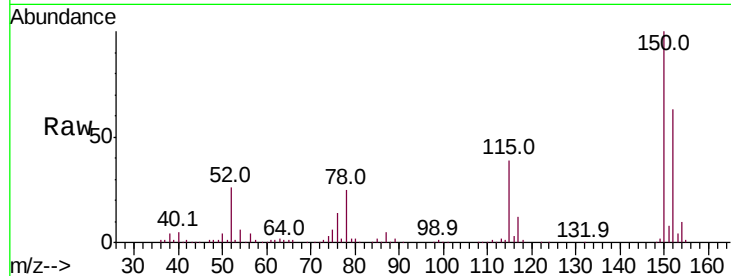


#1

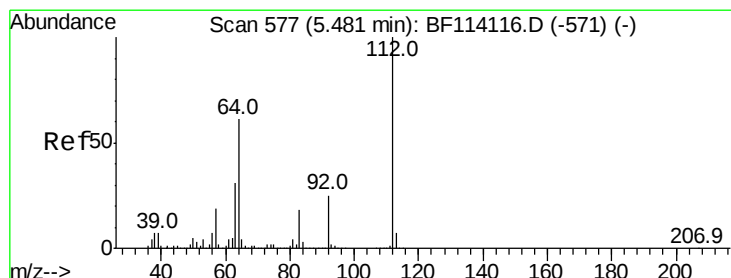
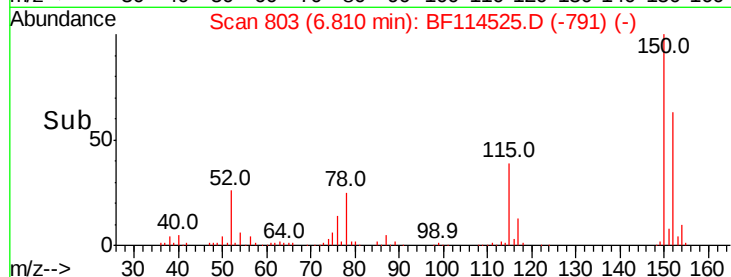
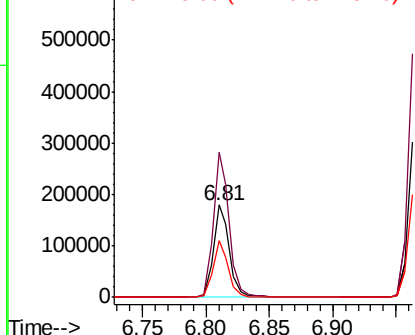
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF114525.D
Acq: 23 May 2019 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 158819
Ion Ratio Lower Upper
152 100
150 158.0 124.3 186.5
115 61.3 49.1 73.7



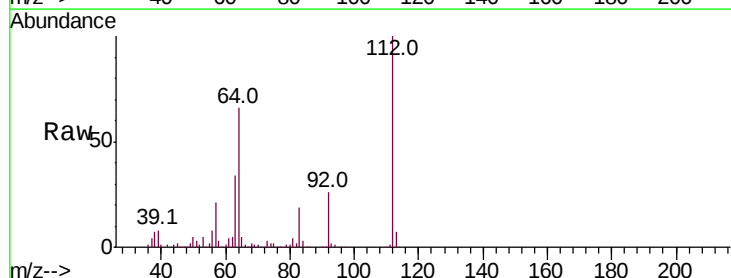
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



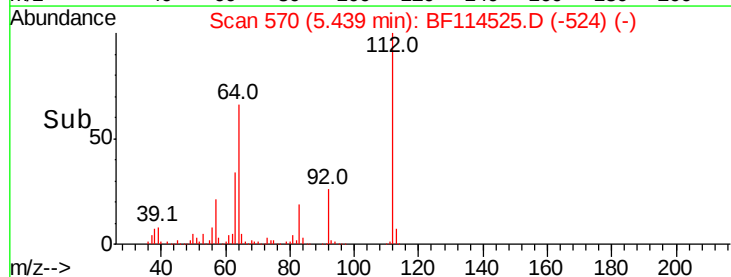
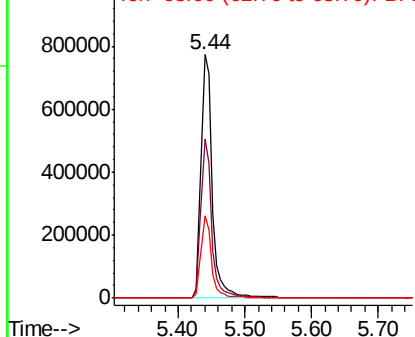
#5

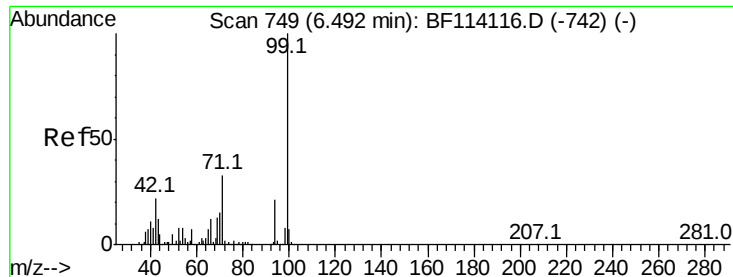
2-Fluorophenol
Concen: 88.658 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.03 min
Lab File: BF114525.D
Acq: 23 May 2019 14:49

Tgt Ion:112 Resp: 874976
Ion Ratio Lower Upper
112 100
64 65.6 49.0 73.6
63 33.8 24.6 37.0



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: 97.287 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF114525.D

Acq: 23 May 2019 14:49

Instrument :

BNA_F

ClientSampleId :

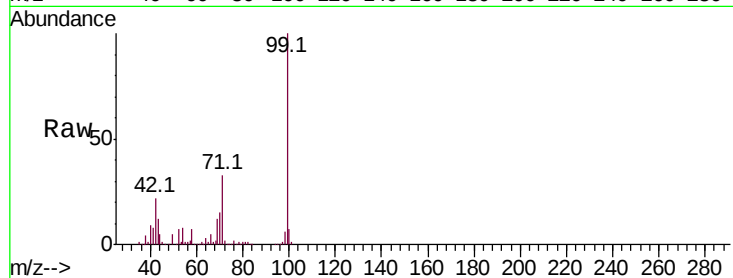
Tot Ion: 99 Resp: 1135574

Ion Ratio Lower Upper

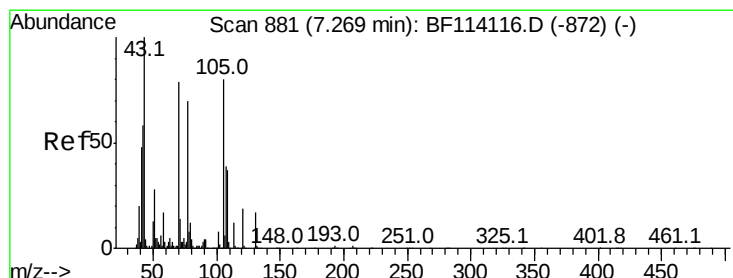
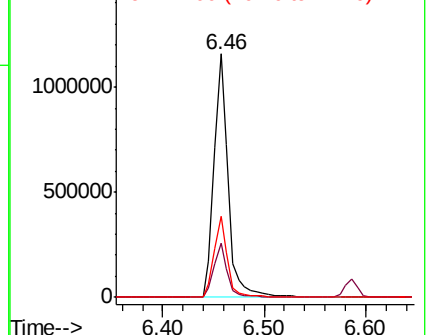
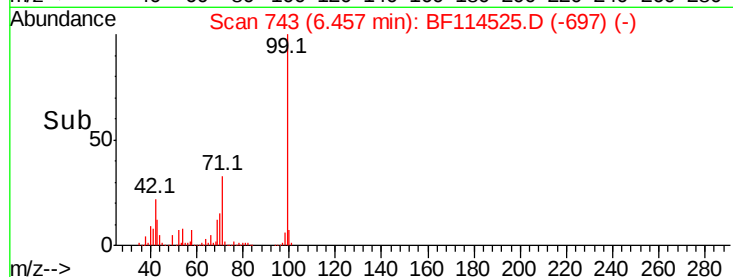
99 100

42 22.2 17.9 26.9

71 33.3 26.2 39.2



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: 11.769 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.12 min

Lab File: BF114525.D

Acq: 23 May 2019 14:49

Tgt Ion: 70 Resp: 87076

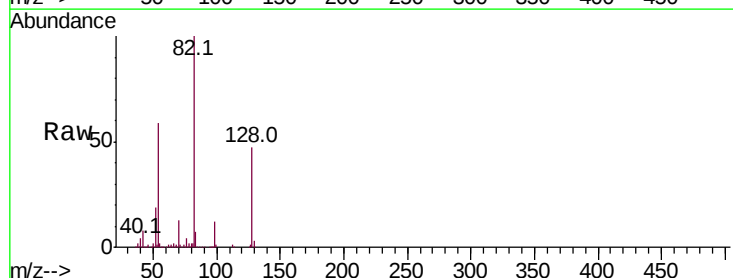
Ion Ratio Lower Upper

70 100

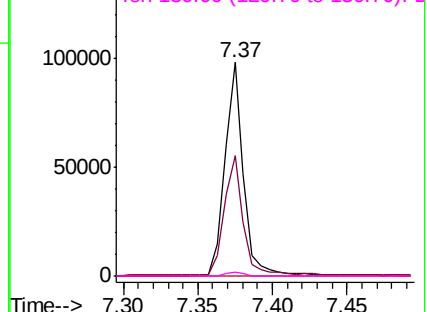
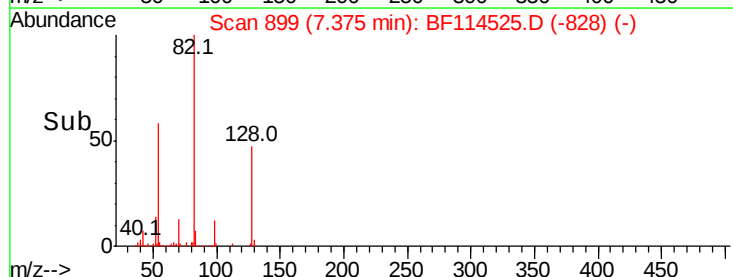
42 56.4 58.6 87.8#

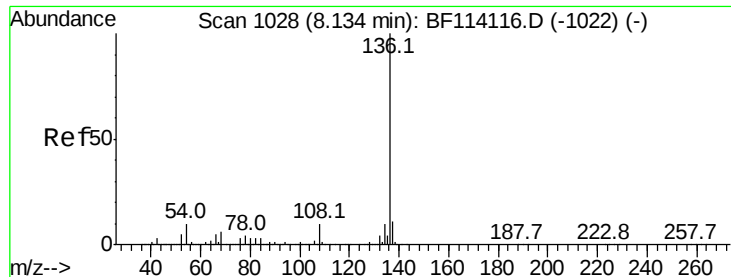
101 0.0 7.8 11.8#

130 2.0 17.1 25.7#



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: 8.09 min Scan# 1021

Delta R.T. -0.03 min

Lab File: BF114525.D

Acq: 23 May 2019 14:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 615886

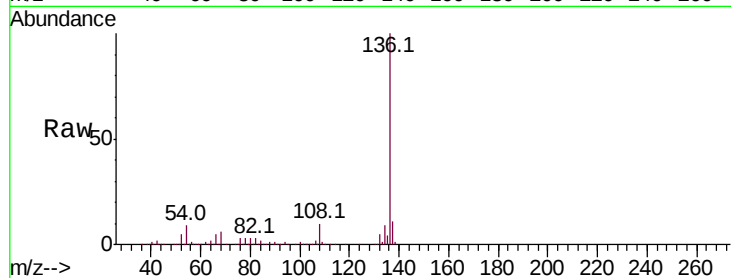
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 9.2 7.8 11.8

68 6.1 5.1 7.7

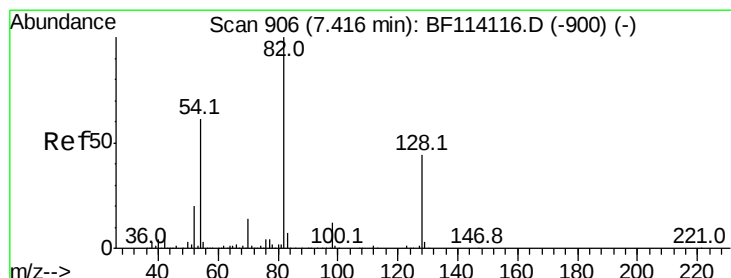
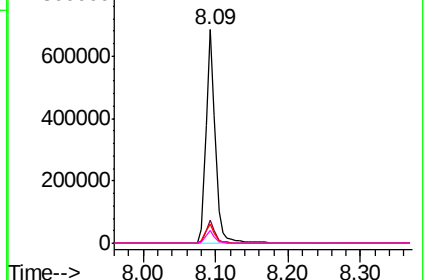
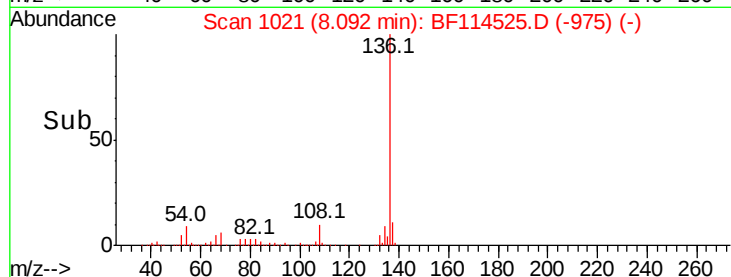


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 61.102 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.03 min

Lab File: BF114525.D

Acq: 23 May 2019 14:49

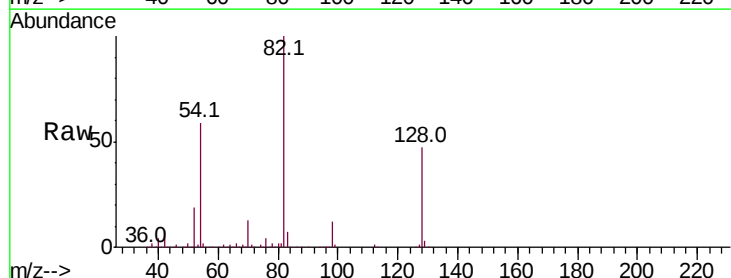
Tgt Ion: 82 Resp: 670560

Ion Ratio Lower Upper

82 100

128 46.7 35.5 53.3

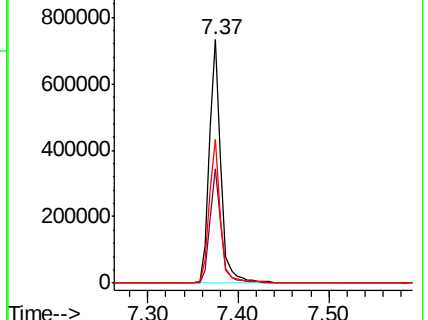
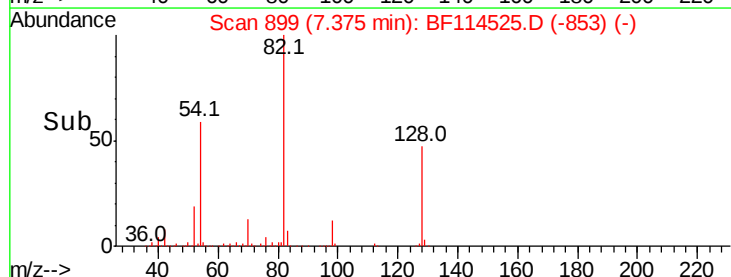
54 59.1 48.5 72.7

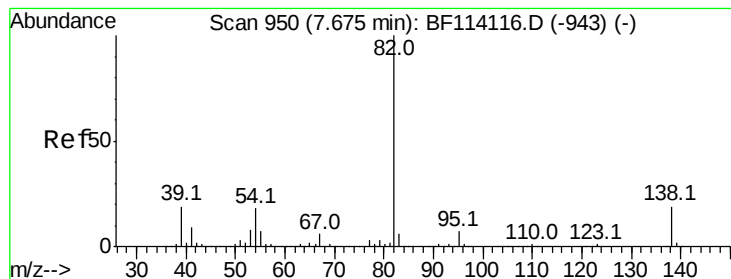


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 32.946 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.29 min

Lab File: BF114525.D

Acq: 23 May 2019 14:49

Instrument :

BNA_F

ClientSampled :

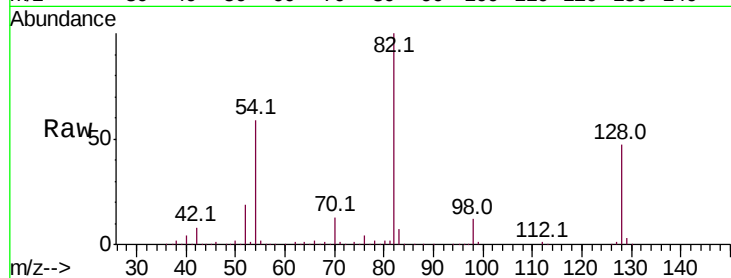
Tot Ion: 82 Resp: 670555

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

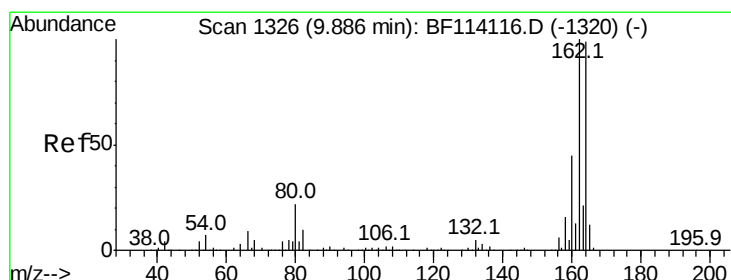
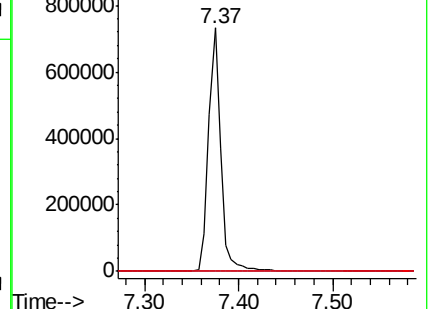
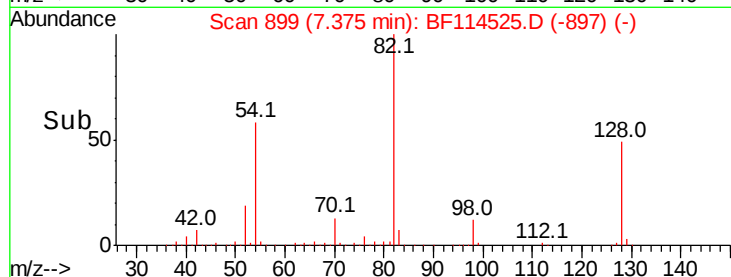
138 0.0 14.8 22.2#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.03 min

Lab File: BF114525.D

Acq: 23 May 2019 14:49

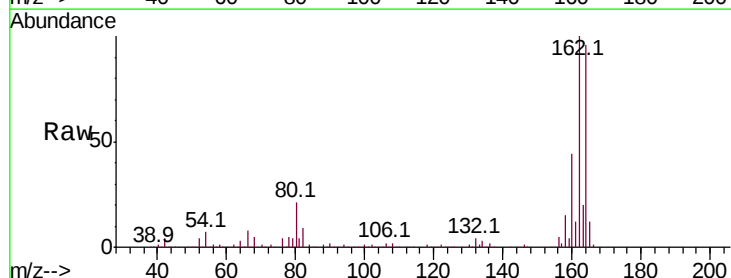
Tgt Ion:164 Resp: 295497

Ion Ratio Lower Upper

164 100

162 104.6 80.6 120.8

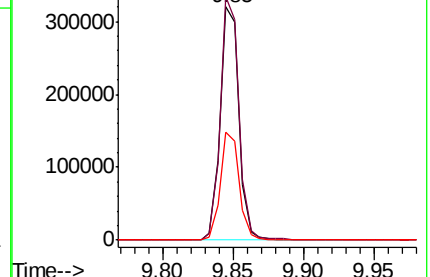
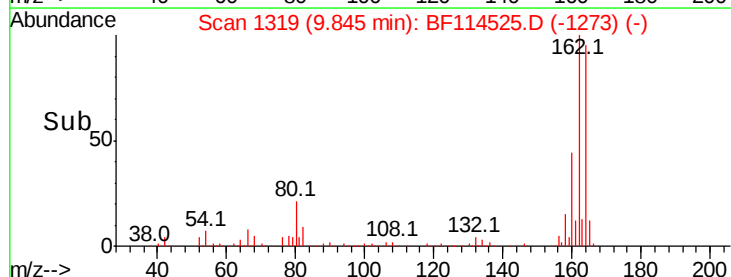
160 46.3 36.5 54.7

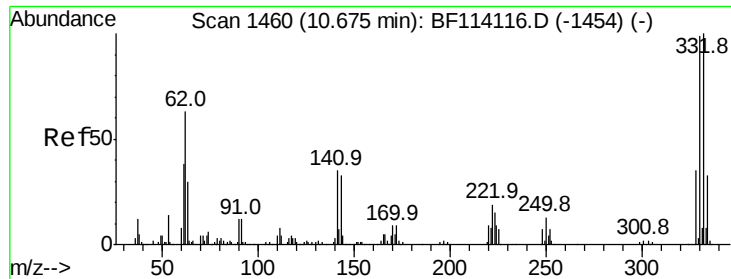


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

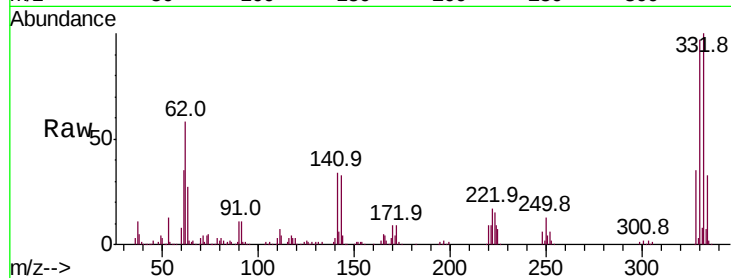




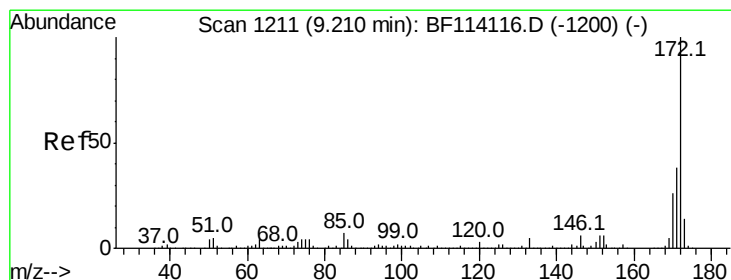
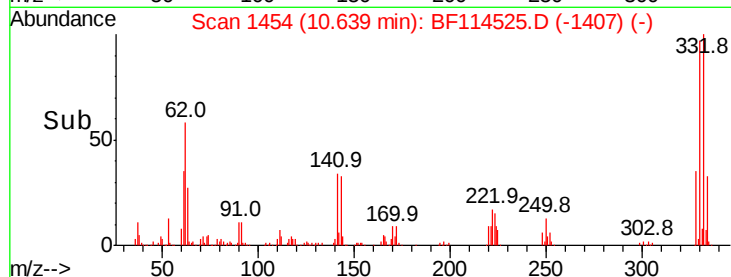
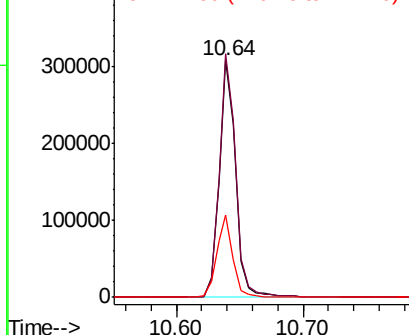
#42
 2,4,6-Tribromophenol
 Concen: 92.184 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.02 min
 Lab File: BF114525.D
 Acq: 23 May 2019 14:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 281618
 Ion Ratio Lower Upper
 330 100
 332 102.9 81.4 122.2
 141 33.9 26.6 40.0

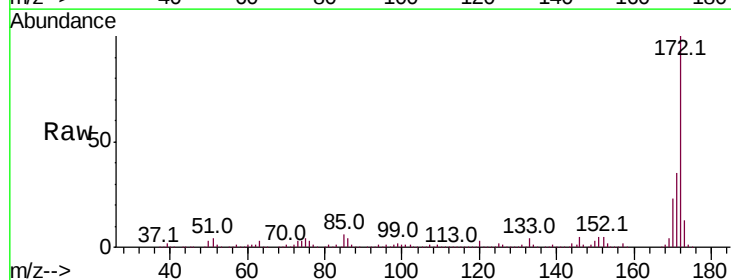


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

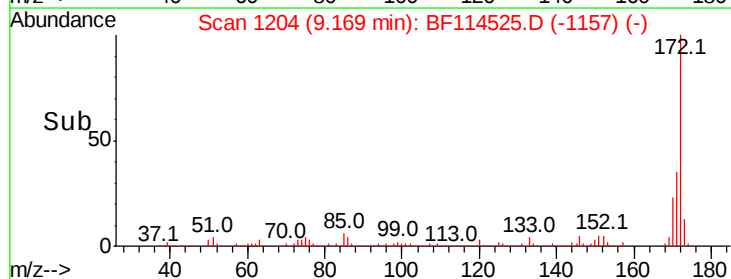
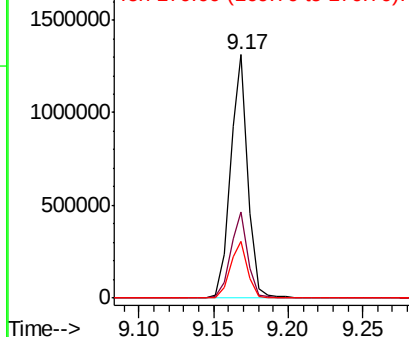


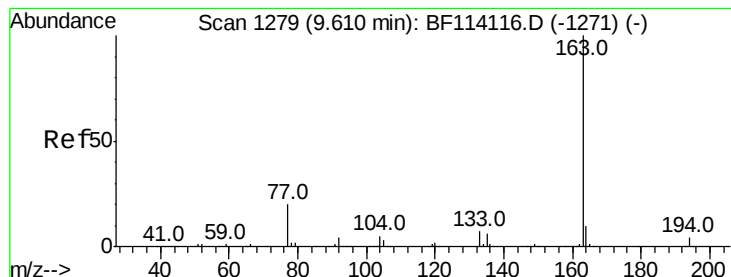
#45
 2-Fluorobiphenyl
 Concen: 55.322 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.02 min
 Lab File: BF114525.D
 Acq: 23 May 2019 14:49

Tgt Ion:172 Resp: 1080713
 Ion Ratio Lower Upper
 172 100
 171 35.2 30.7 46.1
 170 23.2 20.5 30.7



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

Dimethylphthalate

Concen: 9.743 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.03 min

Lab File: BF114525.D

Acq: 23 May 2019 14:49

Instrument :

BNA_F

ClientSampleId :

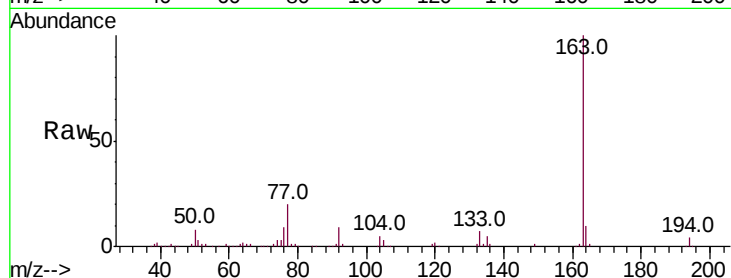
Tot Ion:163 Resp: 211351

Ion Ratio Lower Upper

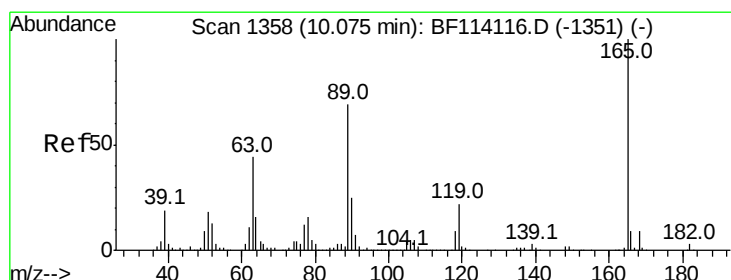
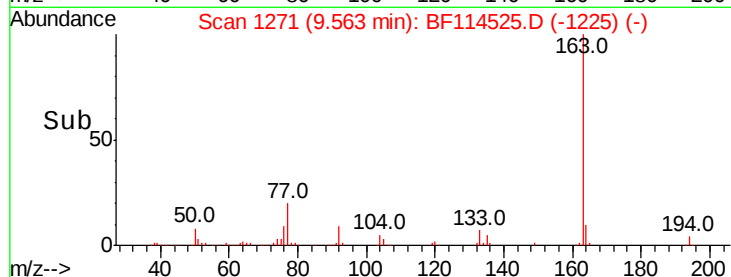
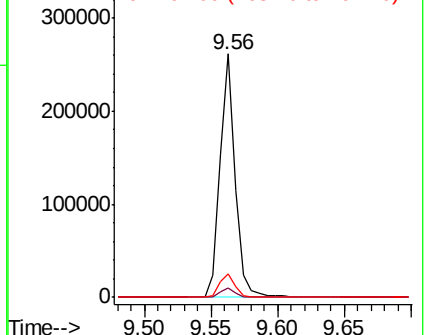
163 100

194 3.7 3.4 5.0

164 9.6 8.2 12.2



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



#57

2,4-Dinitrotoluene

Concen: 5.737 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.22 min

Lab File: BF114525.D

Acq: 23 May 2019 14:49

Tgt Ion:165 Resp: 37464

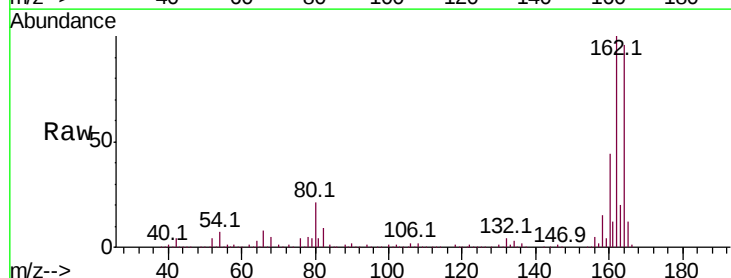
Ion Ratio Lower Upper

165 100

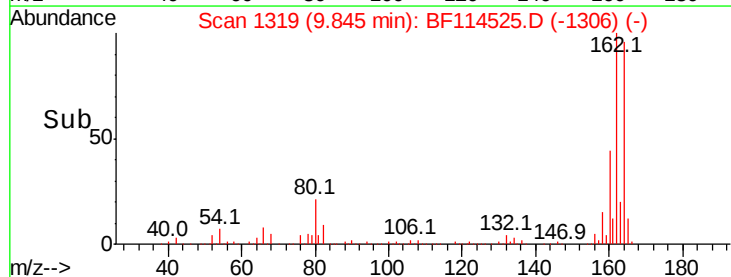
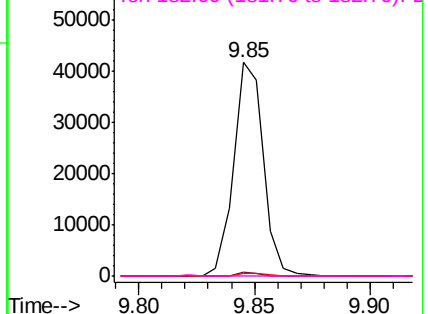
63 1.8 35.5 53.3#

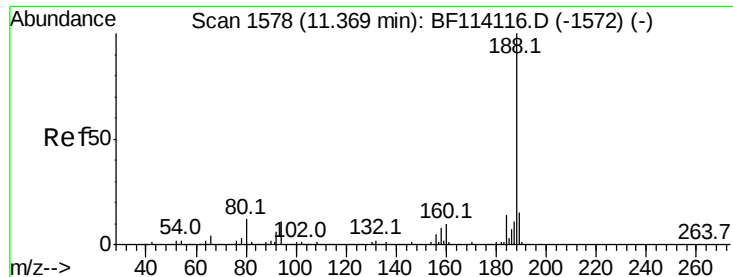
89 1.4 55.2 82.8#

182 0.0 2.2 3.2#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

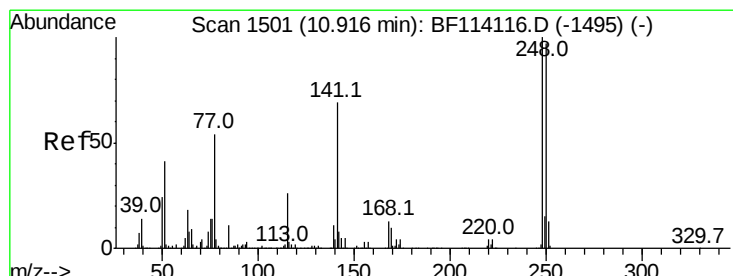
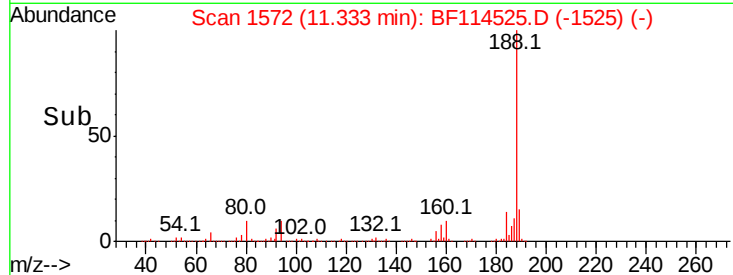
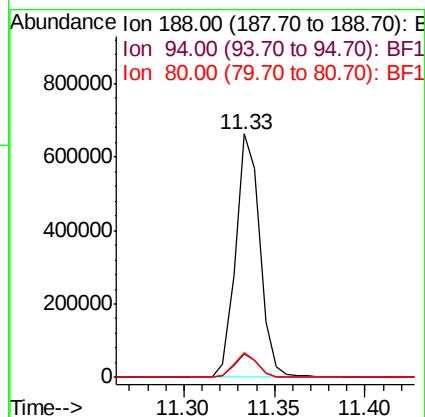
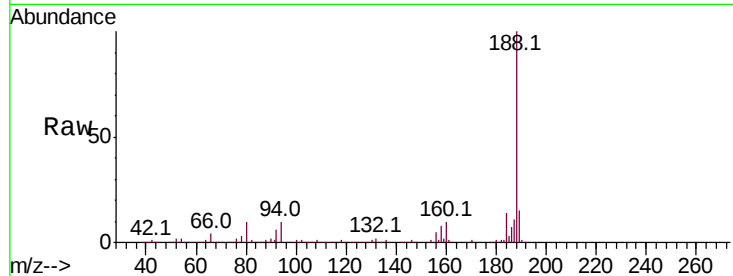




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.02 min
Lab File: BF114525.D
Acq: 23 May 2019 14:49

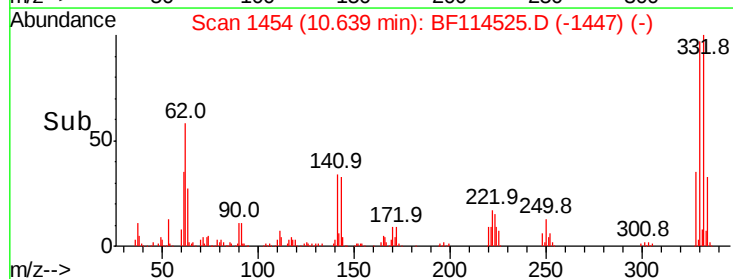
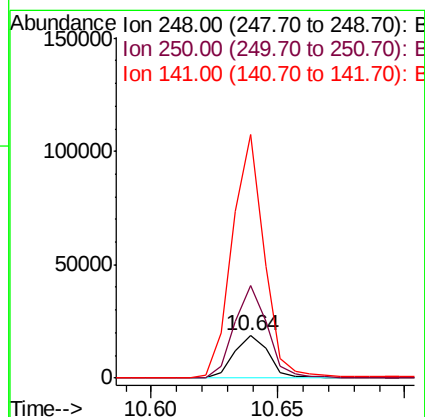
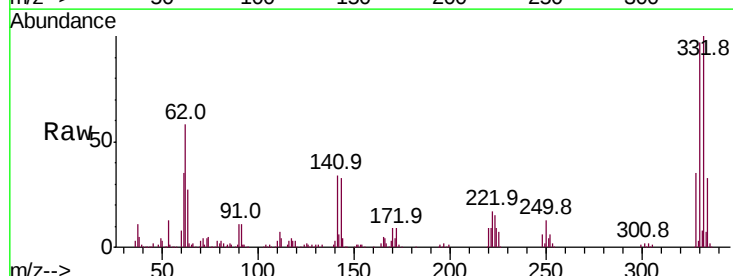
Instrument :
BNA_F
ClientSampleId :

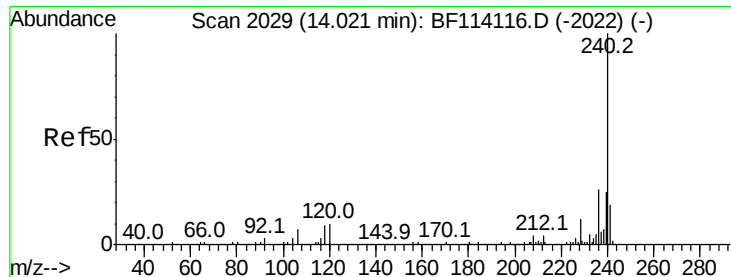
Tot Ion:188 Resp: 616786
Ion Ratio Lower Upper
188 100
94 9.8 8.4 12.6
80 10.2 9.2 13.8



#67
4-Bromophenyl-phenylether
Concen: 2.574 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.26 min
Lab File: BF114525.D
Acq: 23 May 2019 14:49

Tgt Ion:248 Resp: 17481
Ion Ratio Lower Upper
248 100
250 217.3 77.4 116.2#
141 573.5 55.6 83.4#

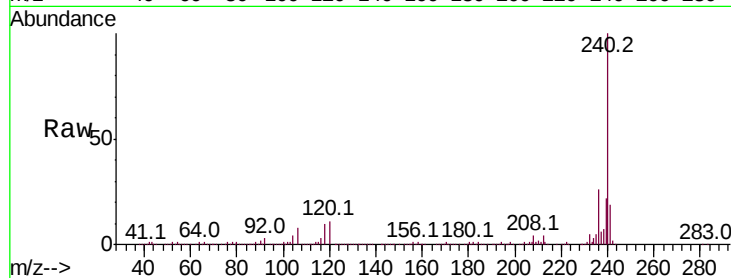




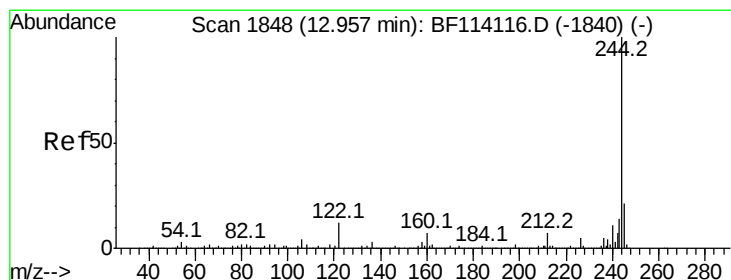
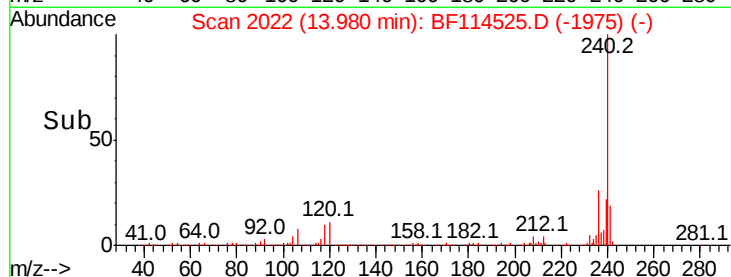
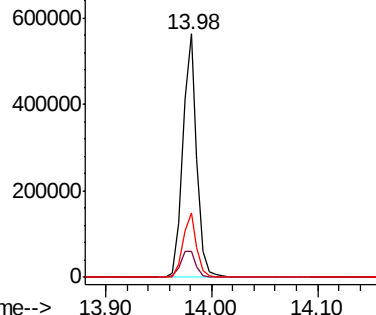
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.02 min
 Lab File: BF114525.D
 Acq: 23 May 2019 14:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 521177
 Ion Ratio Lower Upper
 240 100
 120 10.8 8.3 12.5
 236 26.4 20.8 31.2

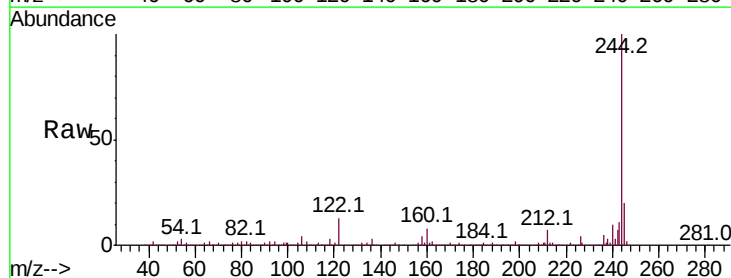


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

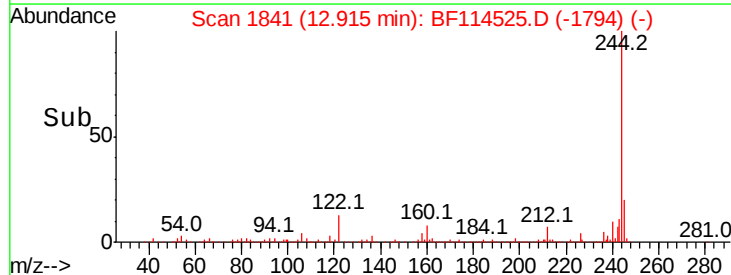
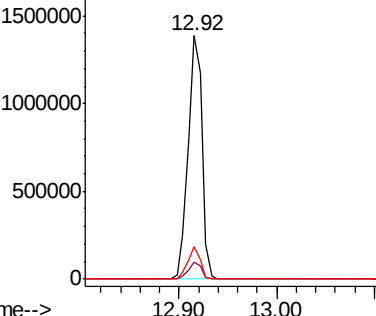


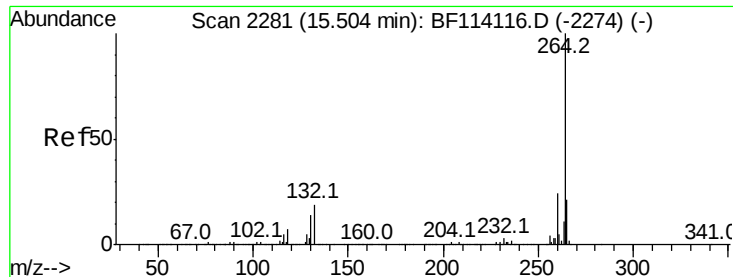
#79
 Terphenyl-d14
 Concen: 54.149 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.02 min
 Lab File: BF114525.D
 Acq: 23 May 2019 14:49

Tgt Ion:244 Resp: 1368999
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.6
 122 13.1 9.4 14.2



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





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.02 min
 Lab File: BF114525.D
 Acq: 23 May 2019 14:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	21.8	16.9	25.3

