

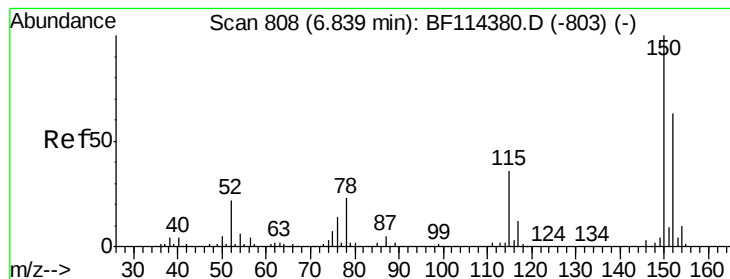
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052019\
 Data File : BF114443.D
 Acq On : 20 May 2019 17:22
 Operator : JU/SJ
 Sample : K2943-17
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 21 11:13:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	184670	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	705749	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	328936	20.00	ng	-0.01
64) Phenanthrene-d10	11.35	188	656779	20.00	ng	0.00
76) Chrysene-d12	13.99	240	453146	20.00	ng	-0.01
87) Perylene-d12	15.46	264	414410	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1078139	93.95	ng	0.00
7) Phenol-d6	6.47	99	1411030	103.96	ng	-0.01
23) Nitrobenzene-d5	7.39	82	846717	67.33	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	320486	94.24	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1453278	66.83	ng	0.00
79) Terphenyl-d14	12.93	244	1454738	66.18	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	110423	12.836	ng	# 78
25) Isophorone	7.39	82	846712	36.304	ng	# 64
36) 4-Chloro-3-methylphenol	8.48	107	23558	2.408	ng	# 19
50) Dimethylphthalate	9.58	163	232565	9.631	ng	# 99
57) 2,4-Dinitrotoluene	9.86	165	41265	5.677	ng	# 25
67) 4-Bromophenyl-phenylether	10.66	248	20840	2.882	ng	# 1

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

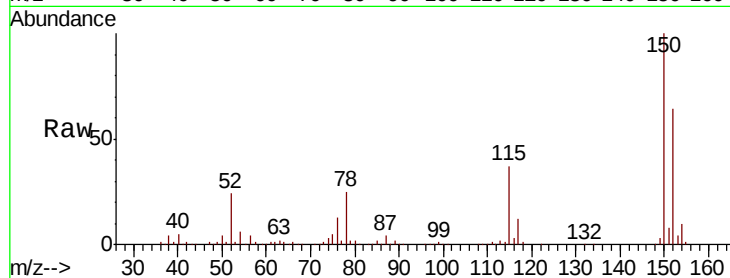


#1

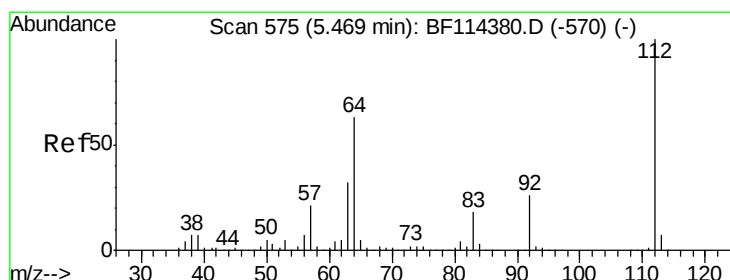
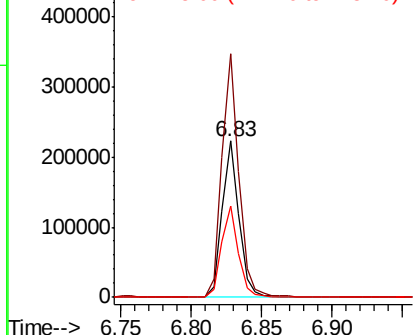
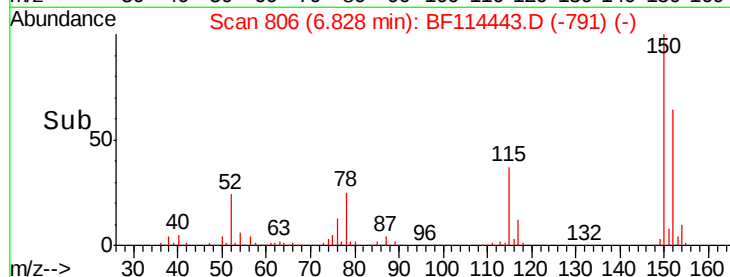
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF114443.D
Acq: 20 May 2019 17:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 184670
Ion Ratio Lower Upper
152 100
150 155.9 124.3 186.5
115 58.4 49.1 73.7



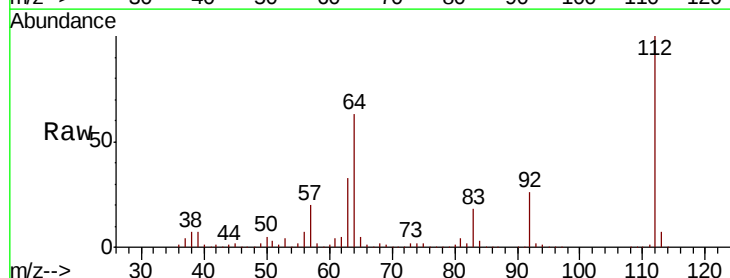
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



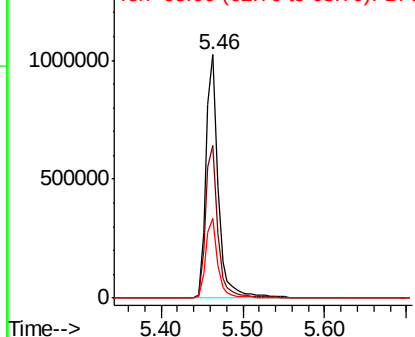
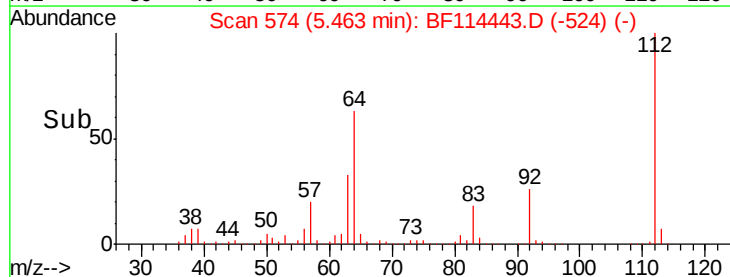
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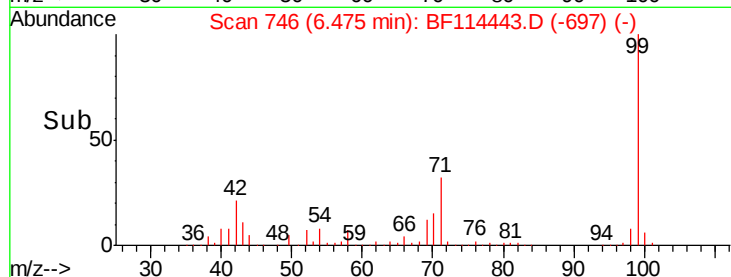
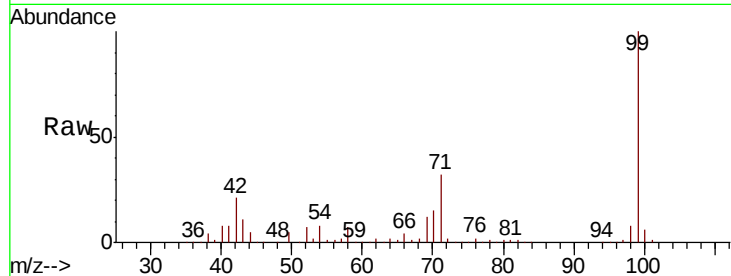
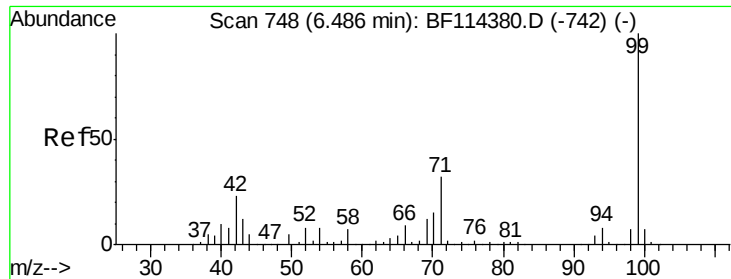
2-Fluorophenol
Concen: 93.952 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF114443.D
Acq: 20 May 2019 17:22

Tgt Ion:112 Resp: 1078139
Ion Ratio Lower Upper
112 100
64 62.7 49.0 73.6
63 32.5 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

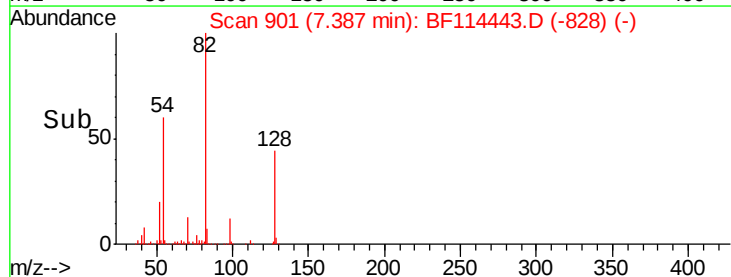
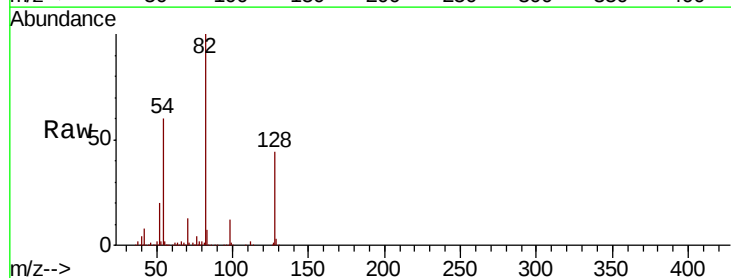
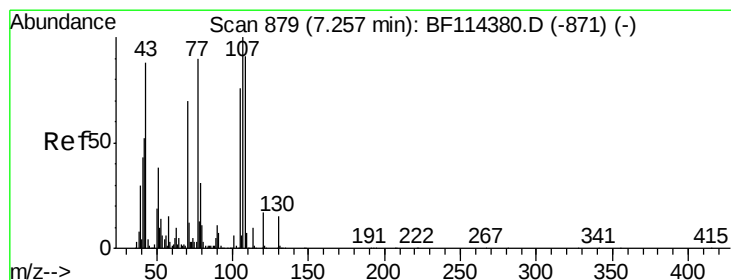
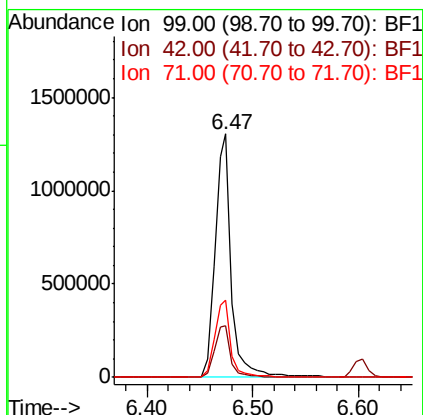




#7
Phenol-d6
Concen: 103.963 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF114443.D
Acq: 20 May 2019 17:22

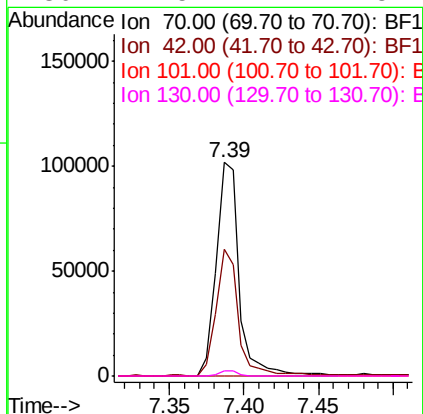
Instrument :
BNA_F
ClientSampleId :

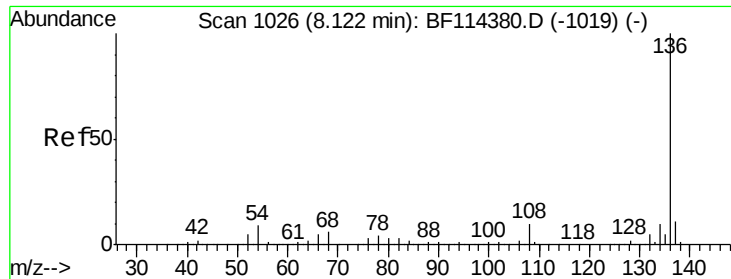
Tot Ion: 99 Resp: 1411030
Ion Ratio Lower Upper
99 100
42 21.0 17.9 26.9
71 31.9 26.2 39.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.836 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.13 min
Lab File: BF114443.D
Acq: 20 May 2019 17:22

Tgt Ion: 70 Resp: 110423
Ion Ratio Lower Upper
70 100
42 59.5 58.6 87.8
101 0.0 7.8 11.8#
130 2.5 17.1 25.7#

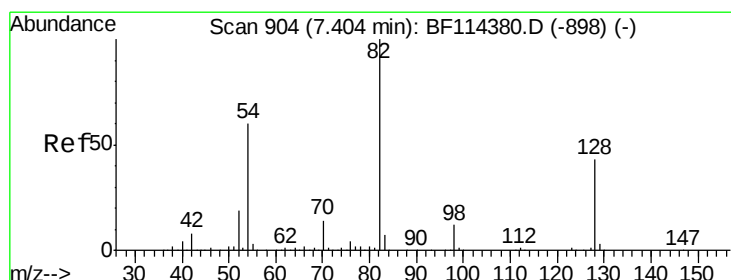
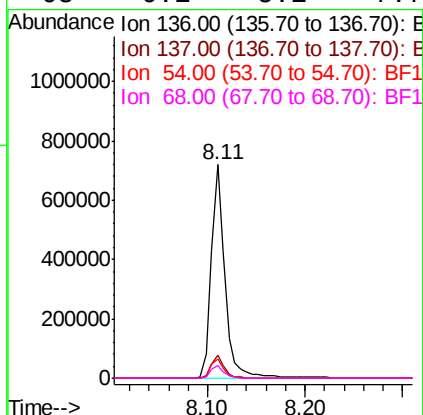
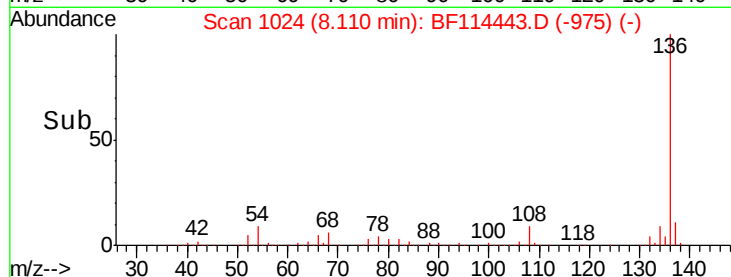
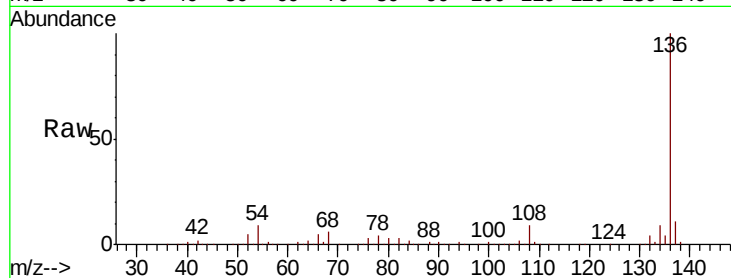




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF114443.D
Acq: 20 May 2019 17:22

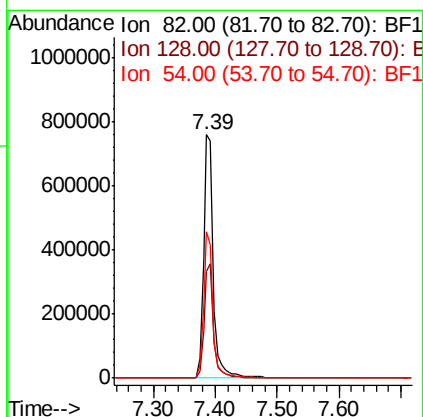
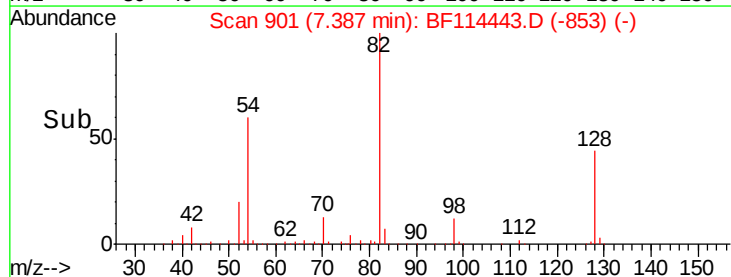
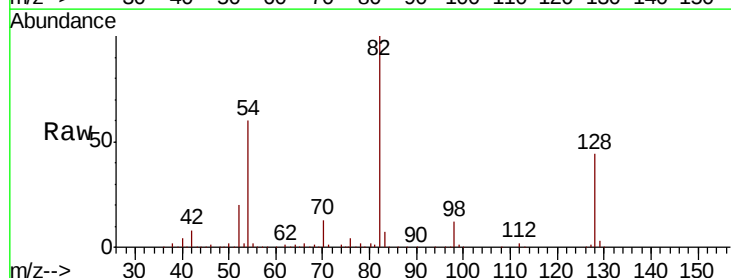
Instrument :
BNA_F
ClientSampleId :

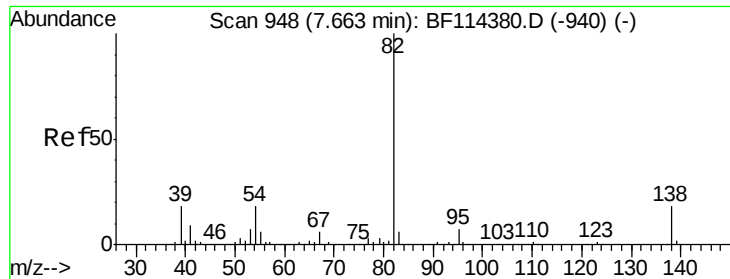
Tot Ion:136	Resp:	705749
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.8 13.2
54	9.2	7.8 11.8
68	6.1	5.1 7.7



#23
Nitrobenzene-d5
Concen: 67.330 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF114443.D
Acq: 20 May 2019 17:22

Tgt Ion: 82	Resp:	846717
Ion Ratio	Lower	Upper
82	100	
128	43.6	35.5 53.3
54	60.0	48.5 72.7





#25

Isophorone

Concen: 36.304 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.28 min

Lab File: BF114443.D

Acq: 20 May 2019 17:22

Instrument :

BNA_F

ClientSampleId :

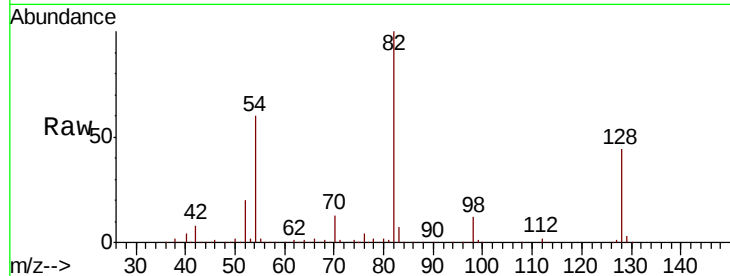
Tot Ion: 82 Resp: 846712

Ion Ratio Lower Upper

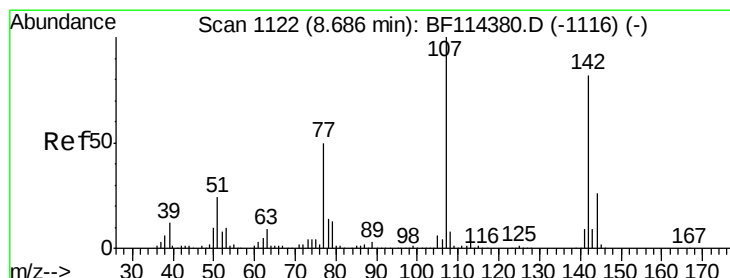
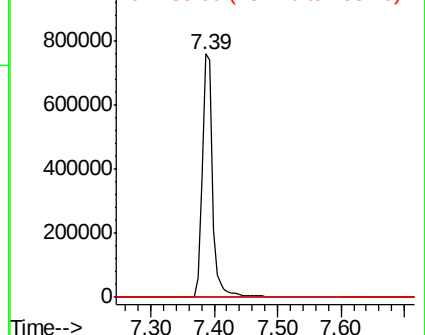
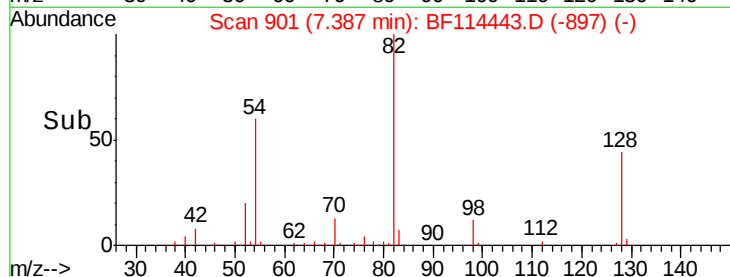
82 100

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



#36

4-Chloro-3-methylphenol

Concen: 2.408 ng

RT: 8.48 min Scan# 1087

Delta R.T. -0.21 min

Lab File: BF114443.D

Acq: 20 May 2019 17:22

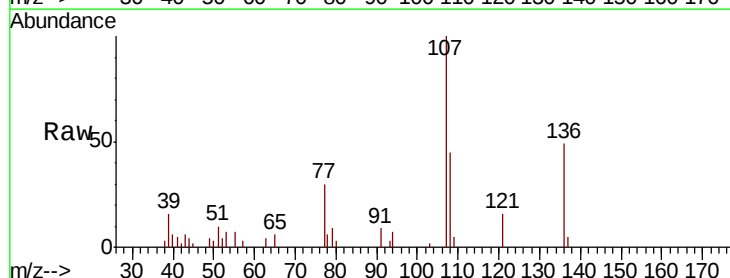
Tgt Ion: 107 Resp: 23558

Ion Ratio Lower Upper

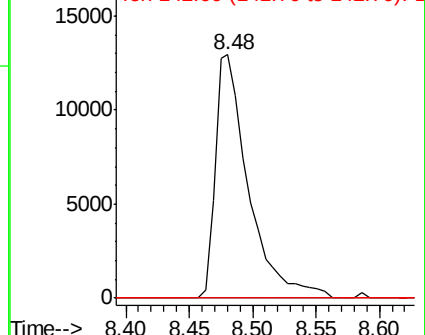
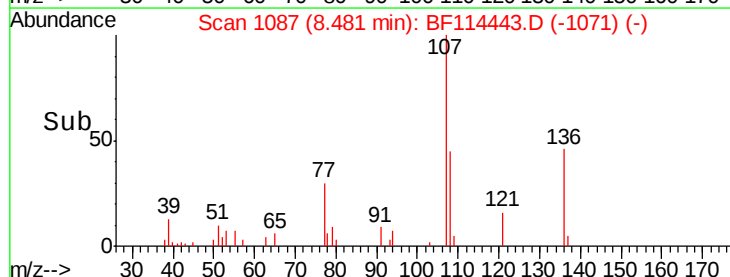
107 100

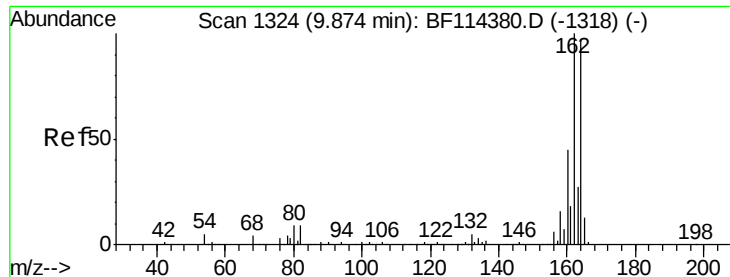
144 0.0 20.4 30.6#

142 0.0 64.2 96.4#



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

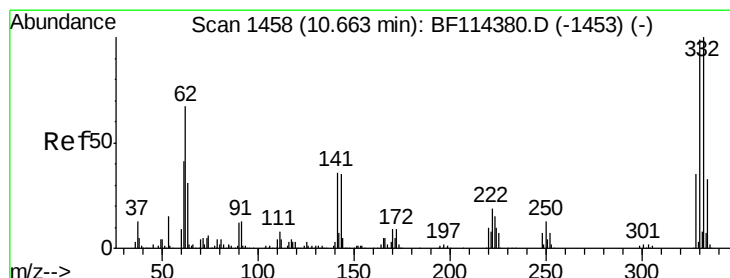
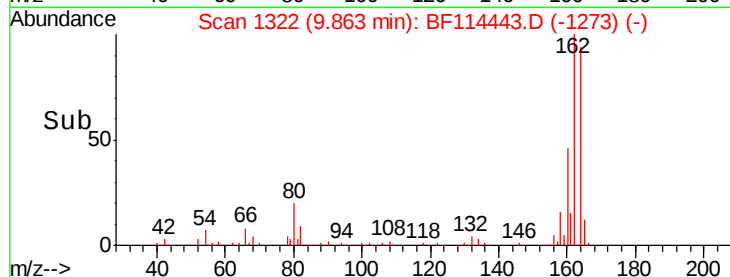
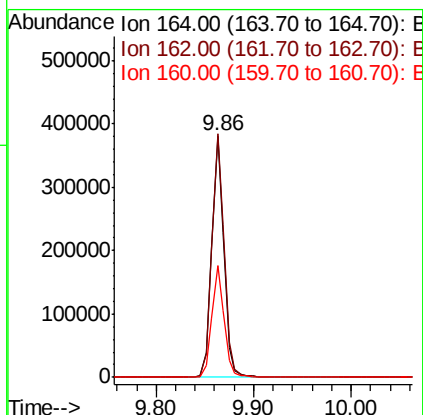
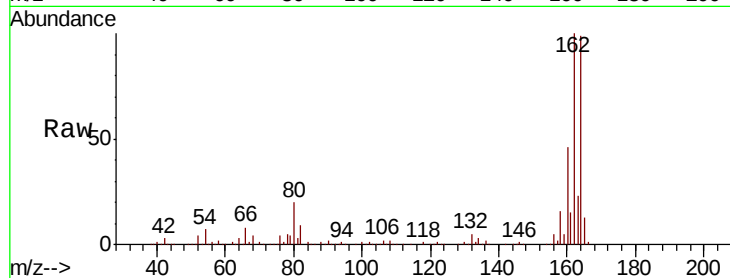




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF114443.D
 Acq: 20 May 2019 17:22

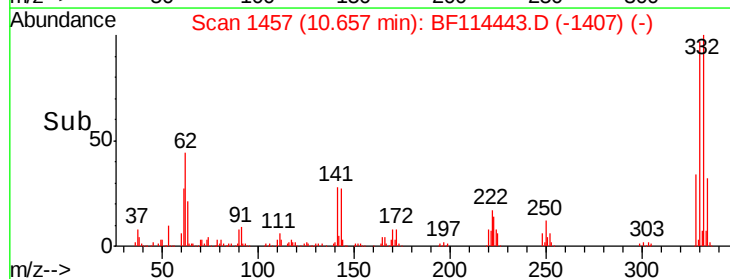
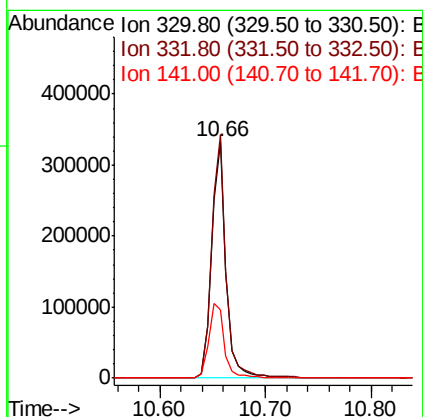
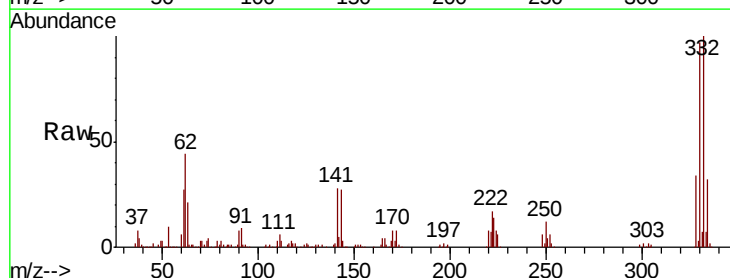
Instrument :
 BNA_F
 ClientSampled :

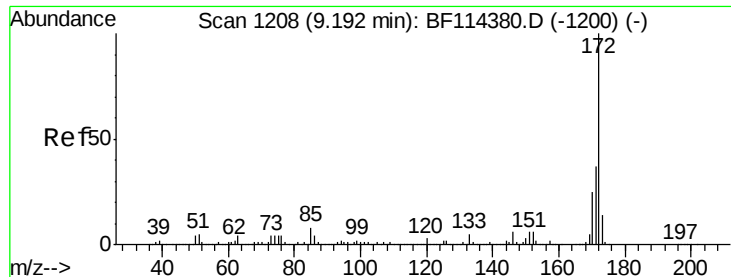
Tot Ion:164 Resp: 328936
 Ion Ratio Lower Upper
 164 100
 162 100.8 80.6 120.8
 160 46.0 36.5 54.7



#42
 2,4,6-Tribromophenol
 Concen: 94.243 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BF114443.D
 Acq: 20 May 2019 17:22

Tgt Ion:330 Resp: 320486
 Ion Ratio Lower Upper
 330 100
 332 102.7 81.4 122.2
 141 33.8 26.6 40.0

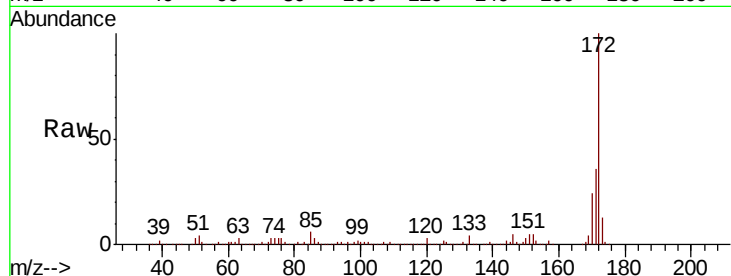




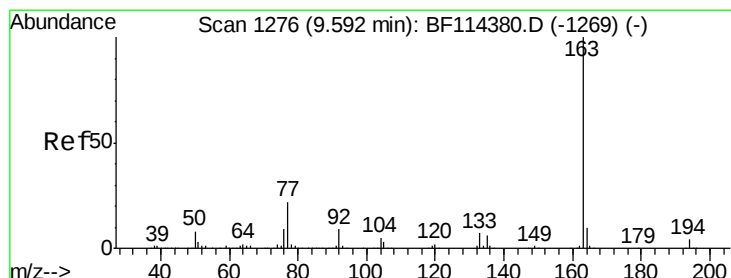
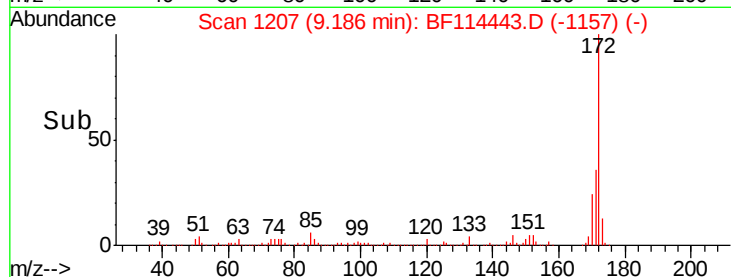
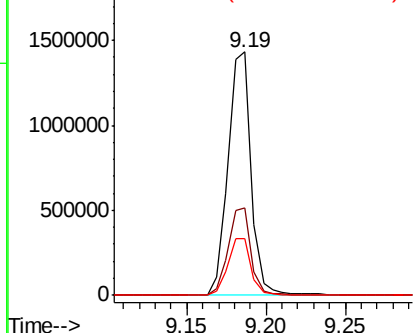
#45
2-Fluorobiphenyl
Concen: 66.831 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF114443.D
Acq: 20 May 2019 17:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1453278
Ion Ratio Lower Upper
172 100
171 36.0 30.7 46.1
170 23.6 20.5 30.7

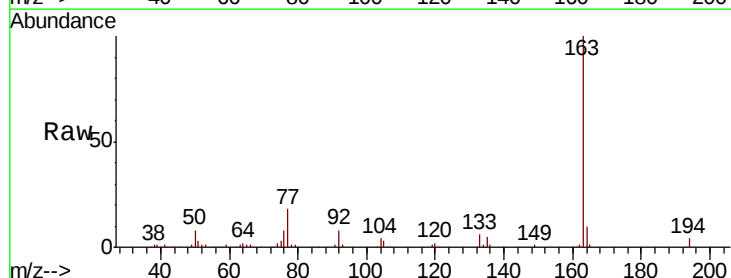


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

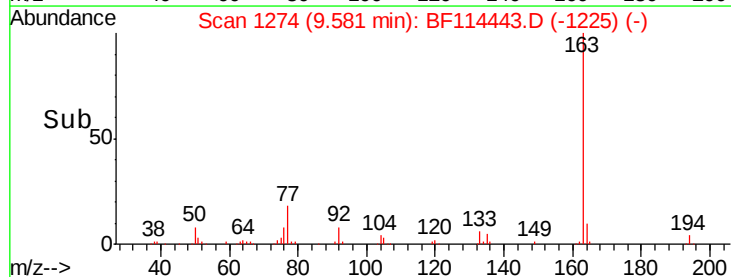
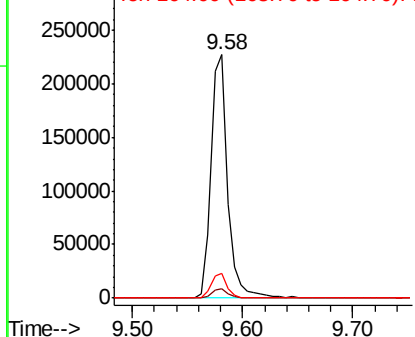


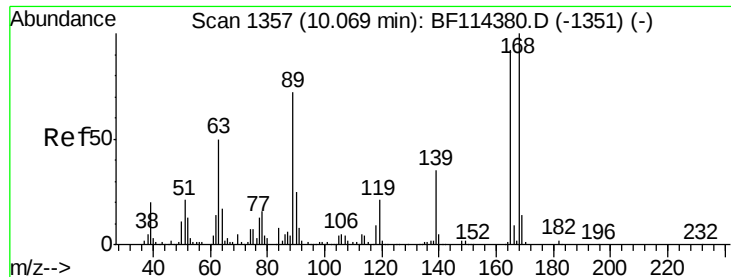
#50
Dimethylphthalate
Concen: 9.631 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF114443.D
Acq: 20 May 2019 17:22

Tgt Ion:163 Resp: 232565
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 9.9 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: 5.677 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.21 min

Lab File: BF114443.D

Acq: 20 May 2019 17:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 41265

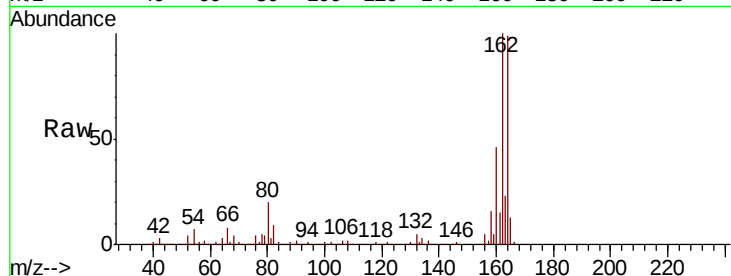
Ion Ratio Lower Upper

165 100

63 1.5 35.5 53.3#

89 1.0 55.2 82.8#

182 0.0 2.2 3.2#

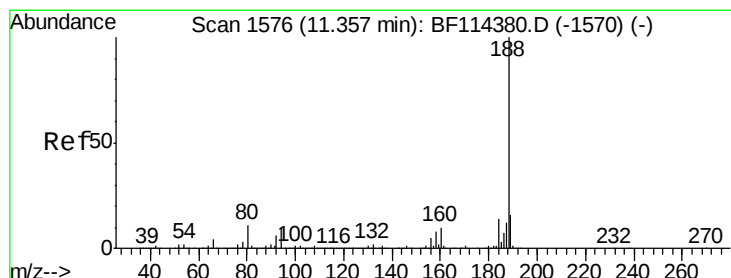
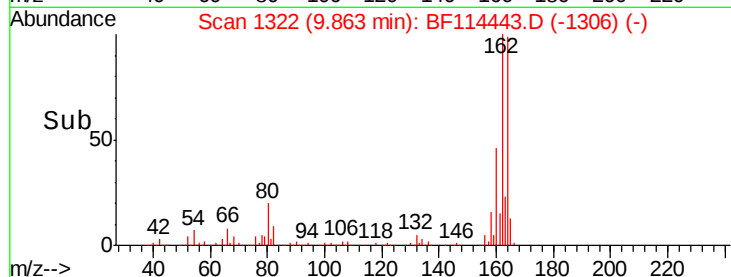
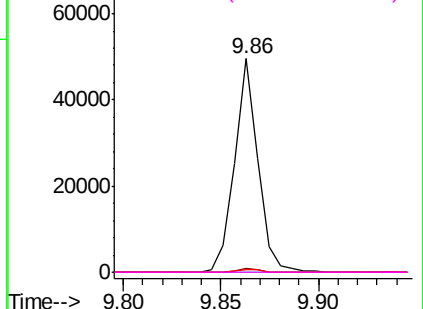


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.35 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BF114443.D

Acq: 20 May 2019 17:22

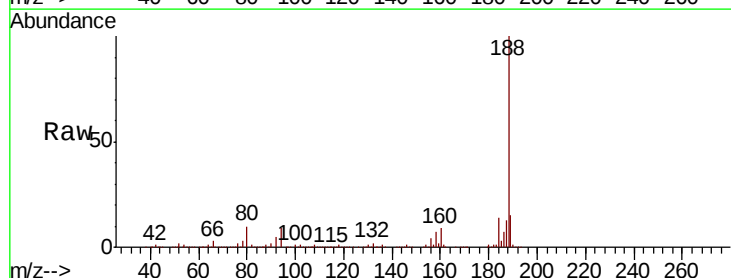
Tgt Ion:188 Resp: 656779

Ion Ratio Lower Upper

188 100

94 9.3 8.4 12.6

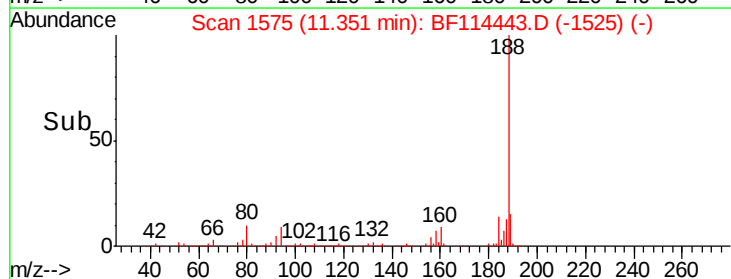
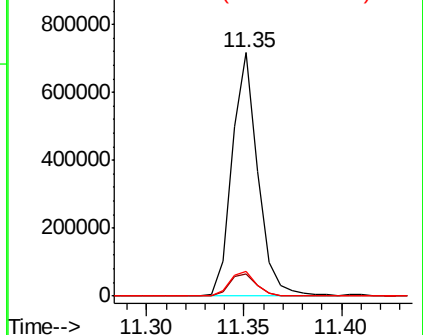
80 9.9 9.2 13.8

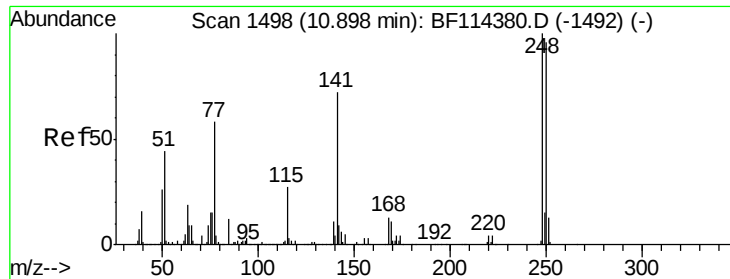


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#67

4-Bromophenyl-phenylether

Concen: 2.882 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.24 min

Lab File: BF114443.D

Acq: 20 May 2019 17:22

Instrument :

BNA_F

ClientSampleId :

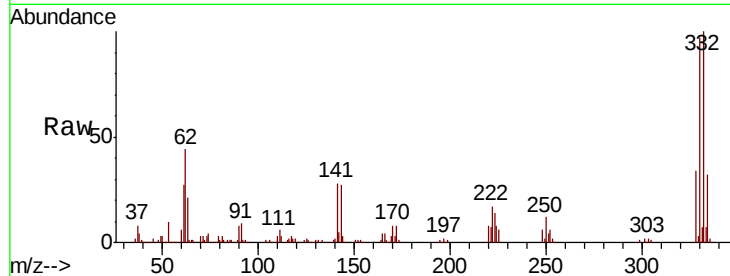
Tot Ion:248 Resp: 20840

Ion Ratio Lower Upper

248 100

250 198.9 77.4 116.2#

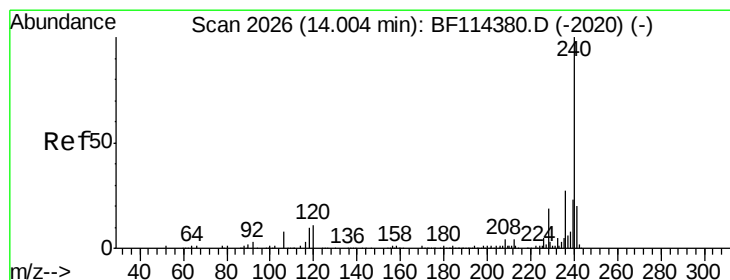
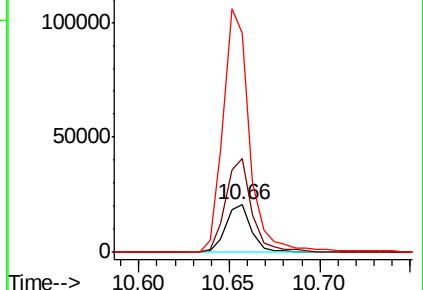
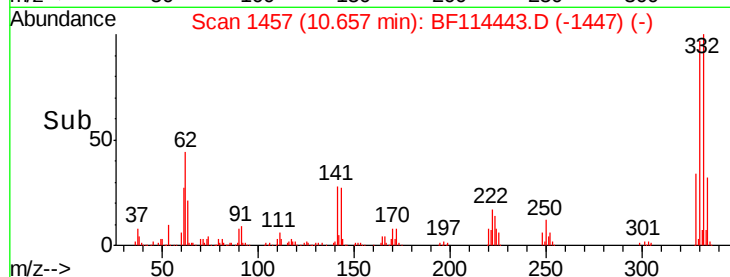
141 463.3 55.6 83.4#



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF114443.D

Acq: 20 May 2019 17:22

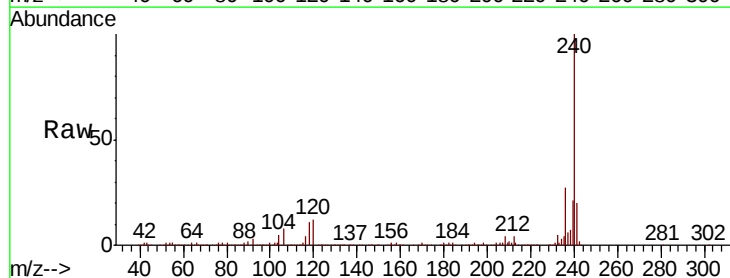
Tgt Ion:240 Resp: 453146

Ion Ratio Lower Upper

240 100

120 11.9 8.3 12.5

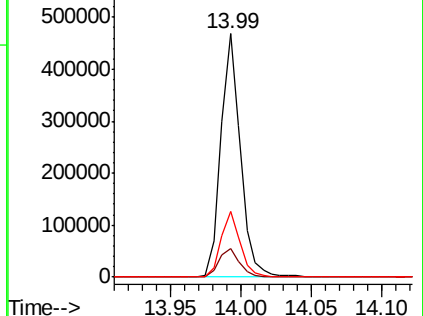
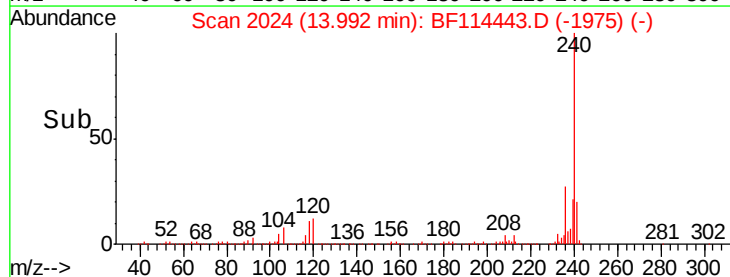
236 26.8 20.8 31.2

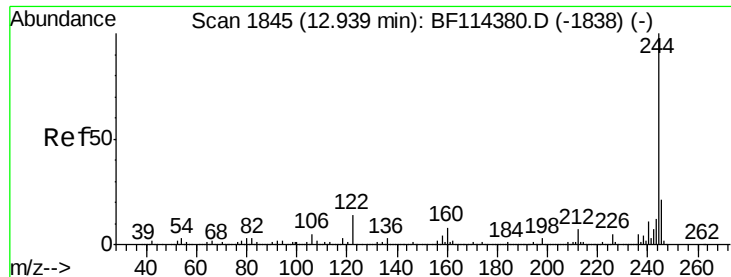


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 66.178 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BF114443.D

Acq: 20 May 2019 17:22

Instrument :

BNA_F

ClientSampleId :

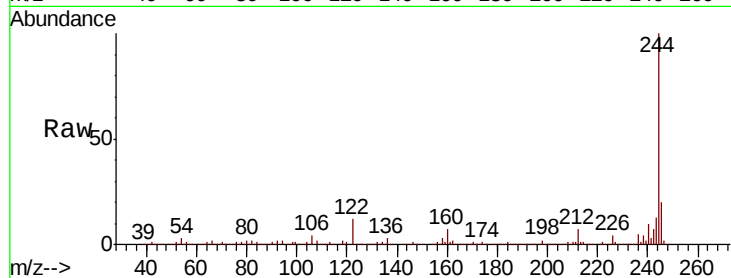
Tot Ion:244 Resp: 1454738

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

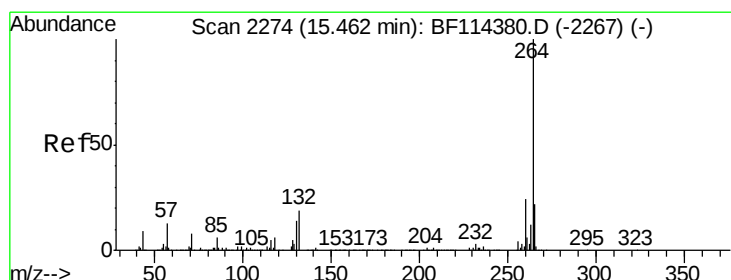
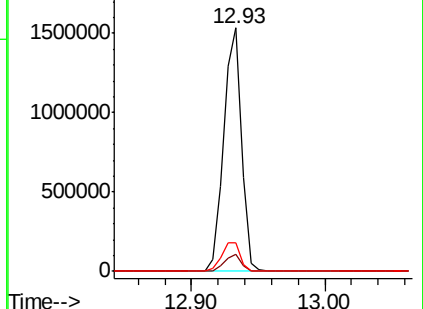
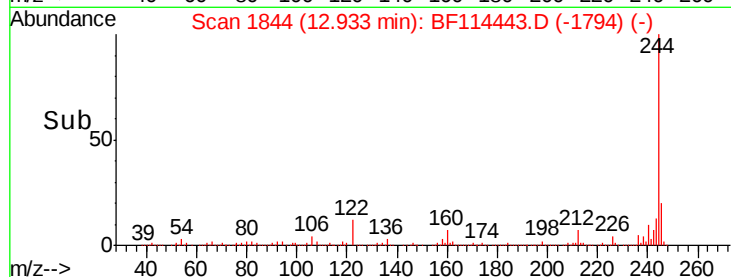
122 11.9 9.4 14.2



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

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2273

Delta R.T. -0.01 min

Lab File: BF114443.D

Acq: 20 May 2019 17:22

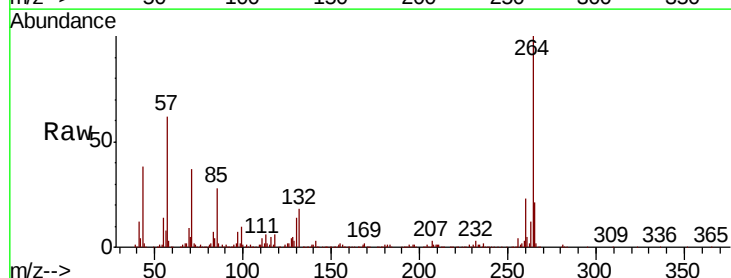
Tgt Ion:264 Resp: 414410

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.0

265 21.3 16.9 25.3



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

