

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051819\
 Data File : BF114385.D
 Acq On : 18 May 2019 12:37
 Operator : JU/SJ
 Sample : PB119803BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 04:08:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

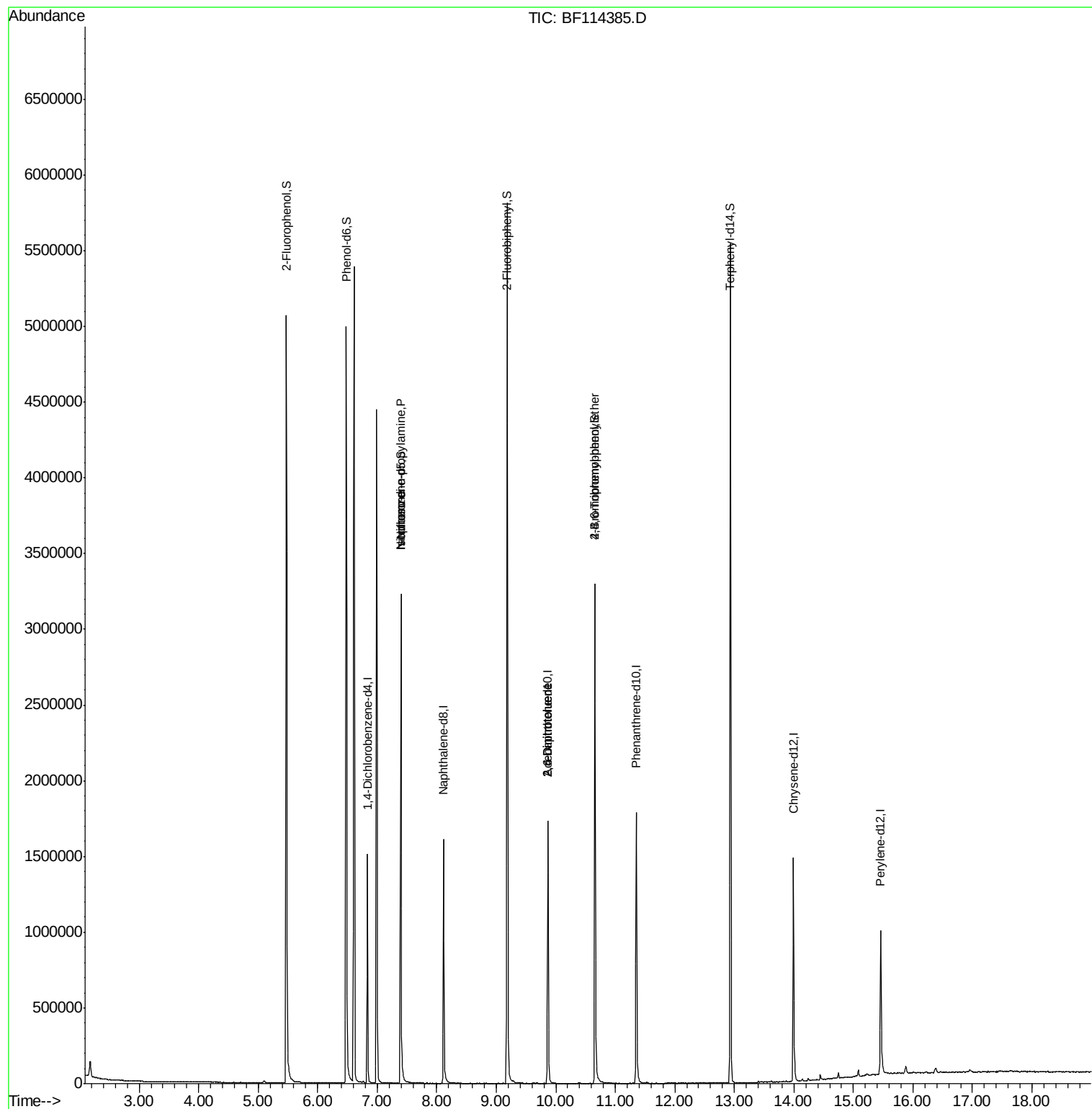
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	221303	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	852551	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	400554	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	813166	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	592296	20.00	ng	-0.03
87) Perylene-d12	15.46	264	520858	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1460012	106.17	ng	0.00
7) Phenol-d6	6.48	99	1920597	118.08	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1190082	78.34	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	456774	110.30	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	2125663	80.27	ng	-0.02
79) Terphenyl-d14	12.93	244	2136776	74.37	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	155731	15.106	ng	# 76
25) Isophorone	7.40	82	1190074	42.240	ng	# 64
51) 2,6-Dinitrotoluene	9.87	165	51670	7.923	ng	# 22
57) 2,4-Dinitrotoluene	9.87	165	51671	5.837	ng	# 25
67) 4-Bromophenyl-phenylether	10.66	248	29361	3.279	ng	# 1

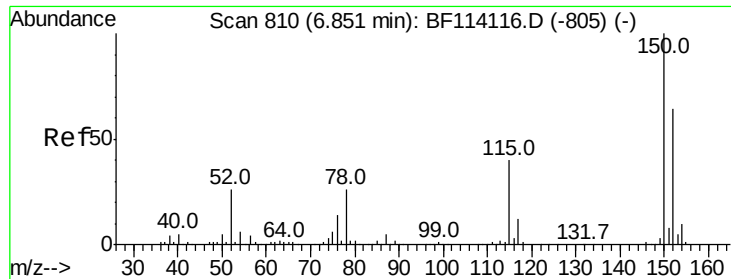
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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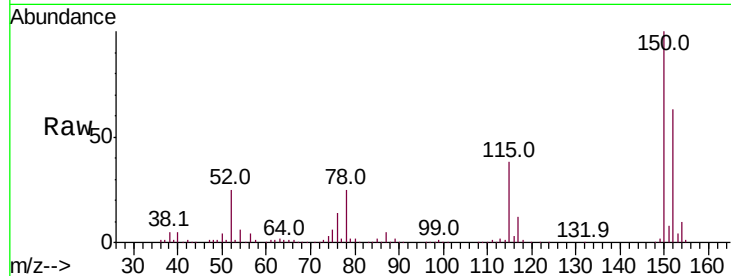


#1

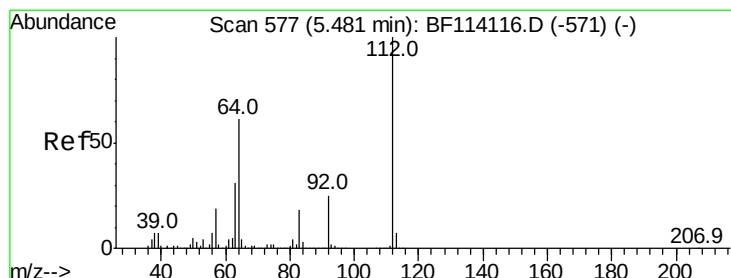
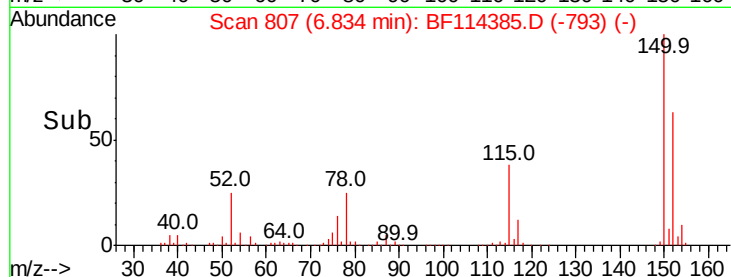
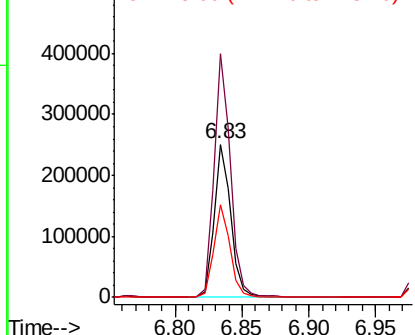
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF114385.D
Acq: 18 May 2019 12:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 221303
Ion Ratio Lower Upper
152 100
150 159.1 124.3 186.5
115 60.8 49.1 73.7



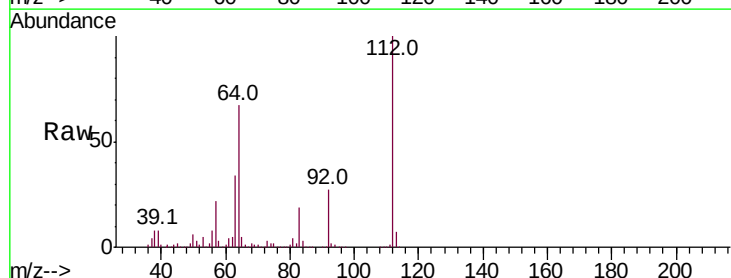
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



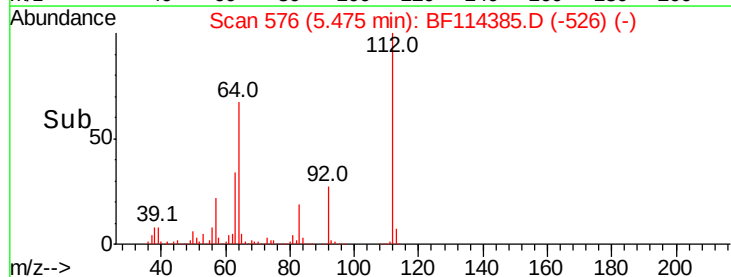
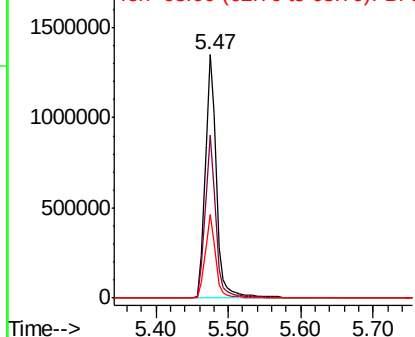
#5

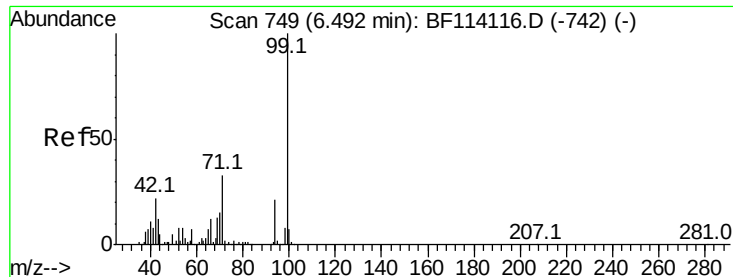
2-Fluorophenol
Concen: 106.169 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF114385.D
Acq: 18 May 2019 12:37

Tgt Ion:112 Resp: 1460012
Ion Ratio Lower Upper
112 100
64 67.0 49.0 73.6
63 34.4 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: 118.084 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF114385.D

Acq: 18 May 2019 12:37

Instrument :

BNA_F

ClientSampleId :

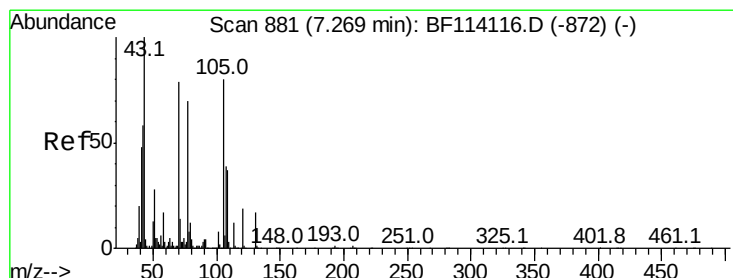
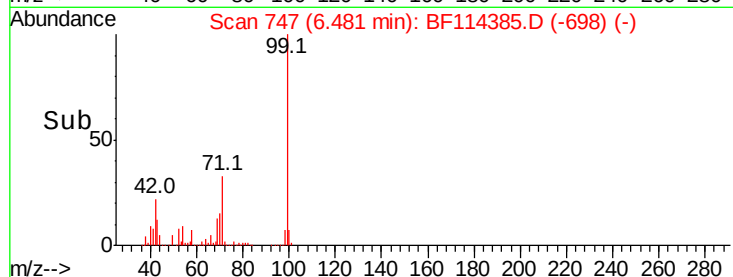
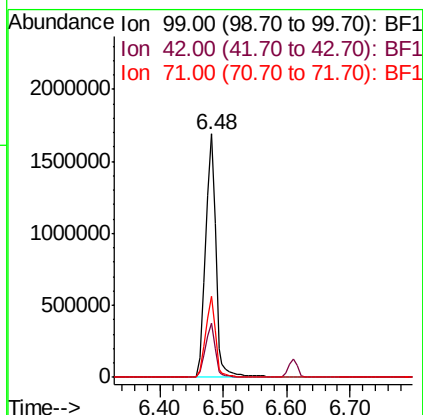
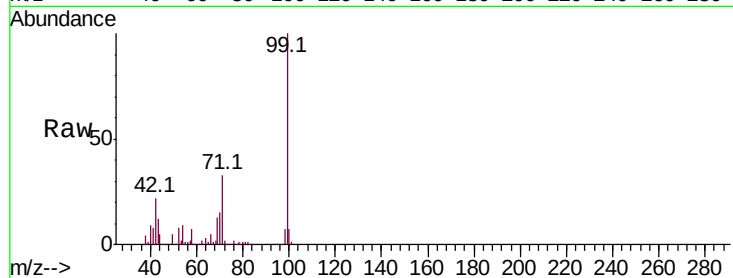
Tot Ion: 99 Resp: 1920597

Ion Ratio Lower Upper

99 100

42 22.5 17.9 26.9

71 33.3 26.2 39.2



#19

n-Nitroso-di-n-propylamine

Concen: 15.106 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.13 min

Lab File: BF114385.D

Acq: 18 May 2019 12:37

Tgt Ion: 70 Resp: 155731

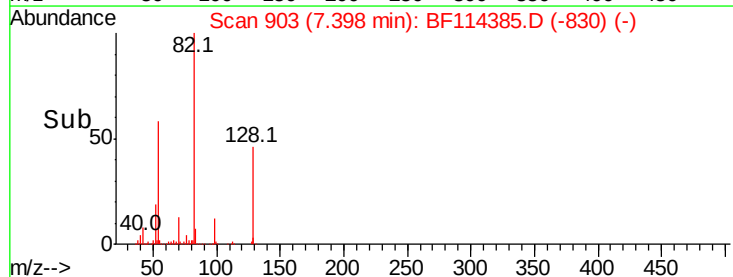
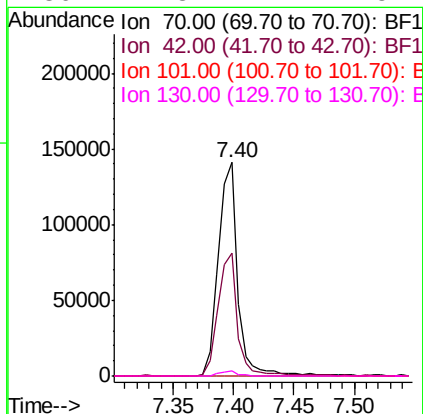
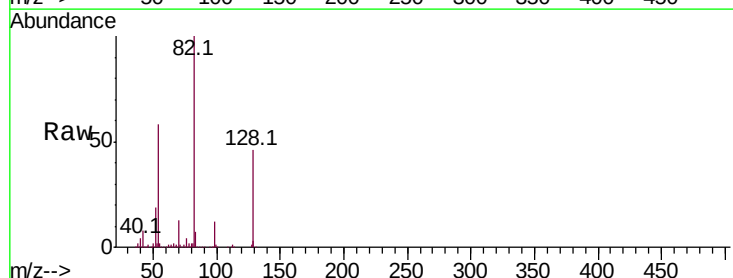
Ion Ratio Lower Upper

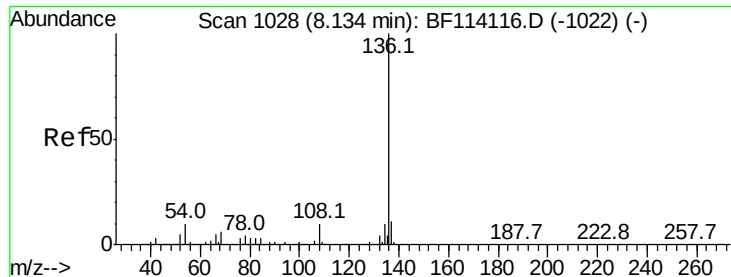
70 100

42 57.3 58.6 87.8#

101 0.0 7.8 11.8#

130 2.3 17.1 25.7#

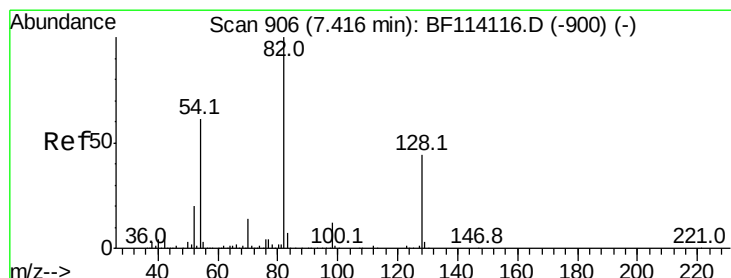
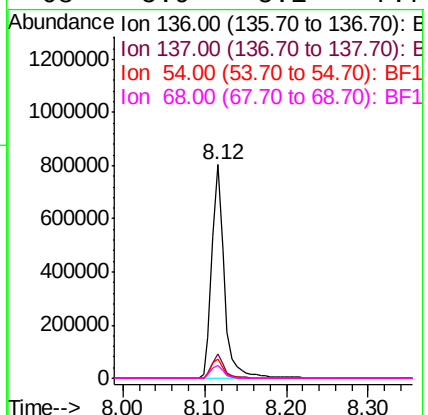
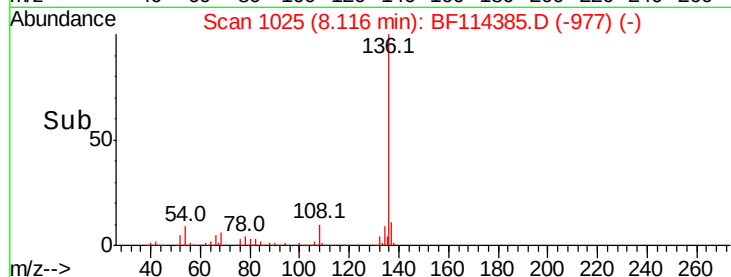
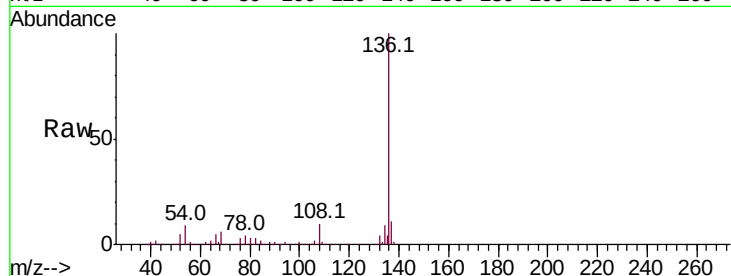




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF114385.D
Acq: 18 May 2019 12:37

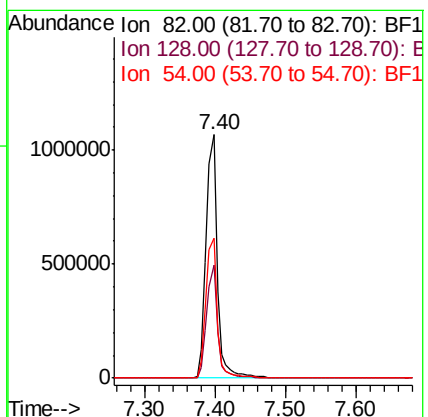
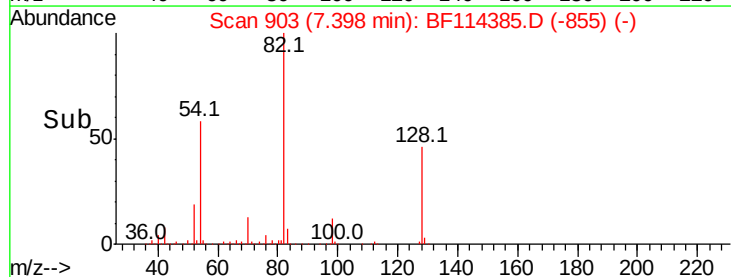
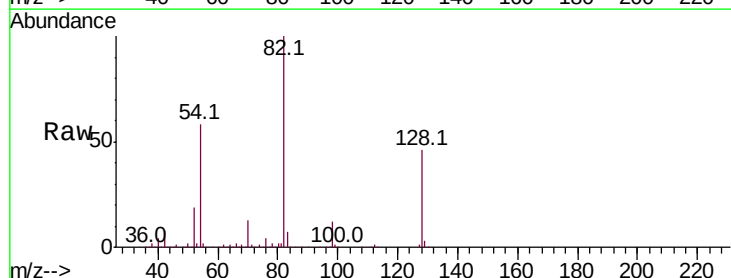
Instrument :
BNA_F
ClientSampleId :

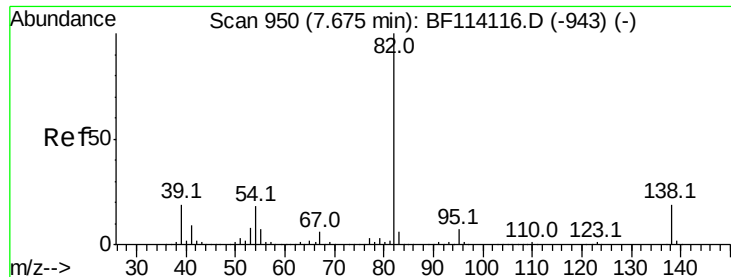
Tot Ion:136	Resp:	852551
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.8 13.2
54	9.1	7.8 11.8
68	5.9	5.1 7.7



#23
Nitrobenzene-d5
Concen: 78.338 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF114385.D
Acq: 18 May 2019 12:37

Tgt Ion: 82	Resp:	1190082
Ion	Ratio	Lower Upper
82	100	
128	46.3	35.5 53.3
54	57.6	48.5 72.7





#25

Isophorone

Concen: 42.240 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF114385.D

Acq: 18 May 2019 12:37

Instrument :

BNA_F

ClientSampled :

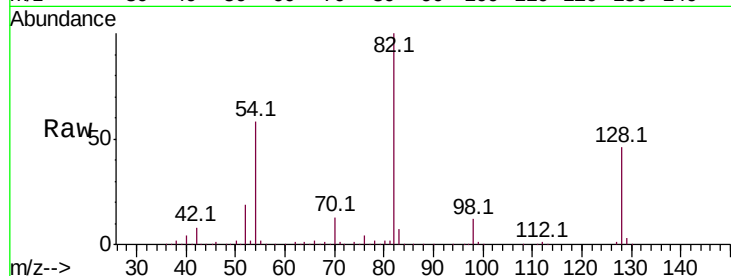
Tot Ion: 82 Resp: 1190074

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

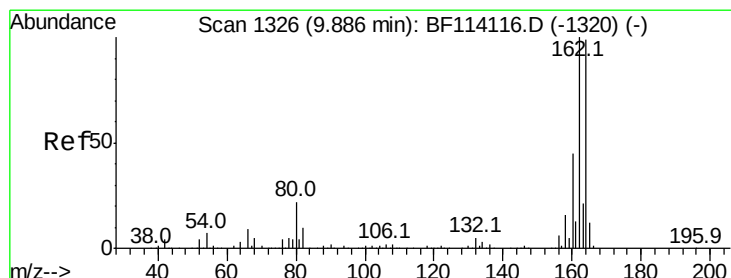
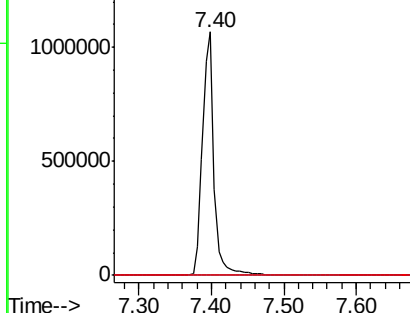
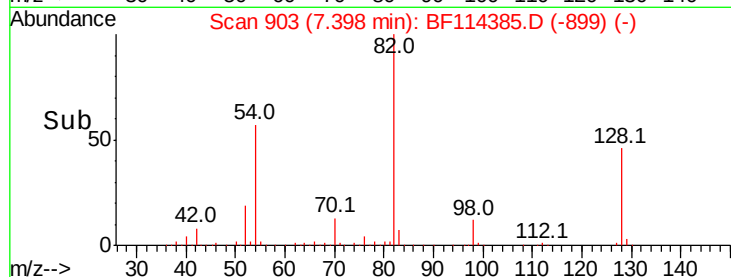
138 0.0 14.8 22.2#



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: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF114385.D

Acq: 18 May 2019 12:37

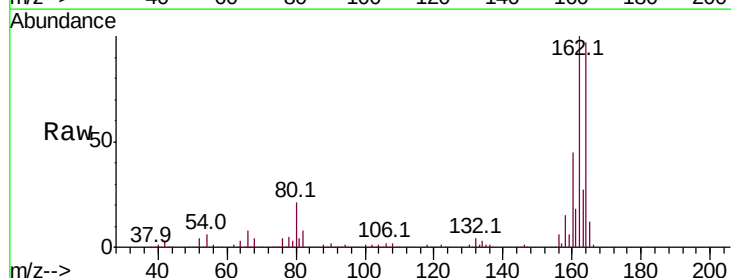
Tgt Ion:164 Resp: 400554

Ion Ratio Lower Upper

164 100

162 102.8 80.6 120.8

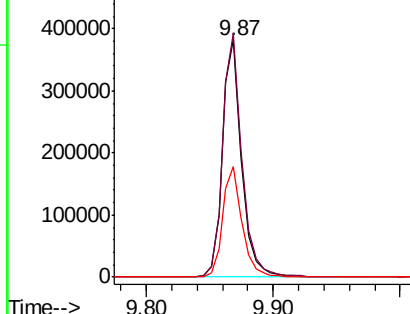
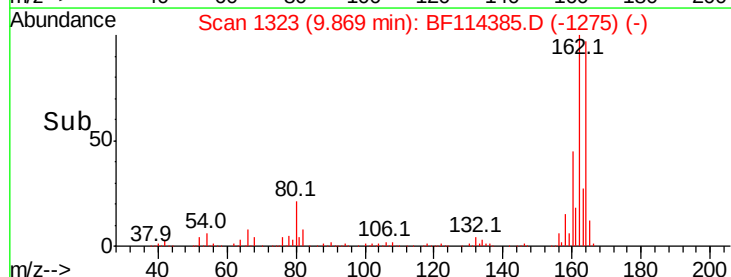
160 46.7 36.5 54.7

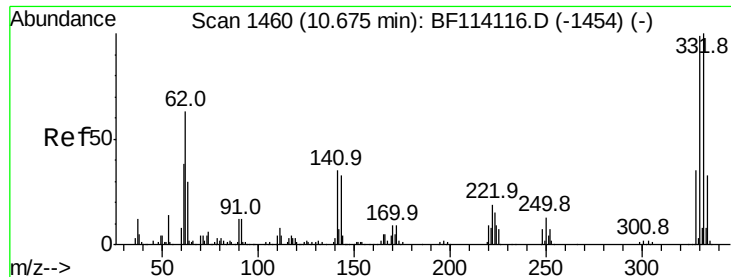


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 110.304 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.02 min

Lab File: BF114385.D

Acq: 18 May 2019 12:37

Instrument :

BNA_F

ClientSampled :

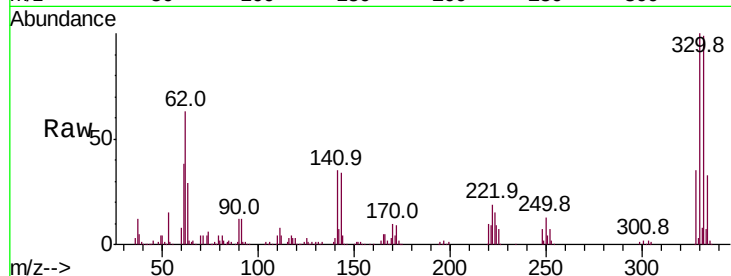
Tot Ion:330 Resp: 456774

Ion Ratio Lower Upper

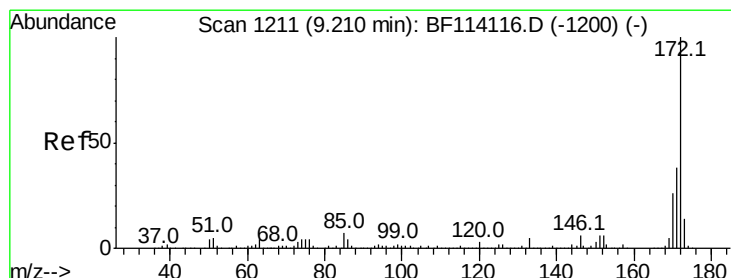
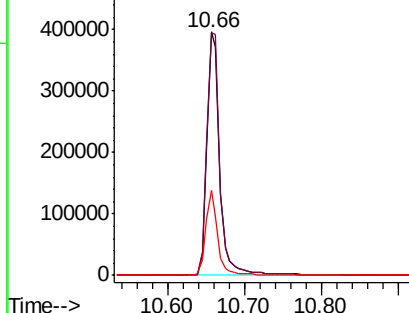
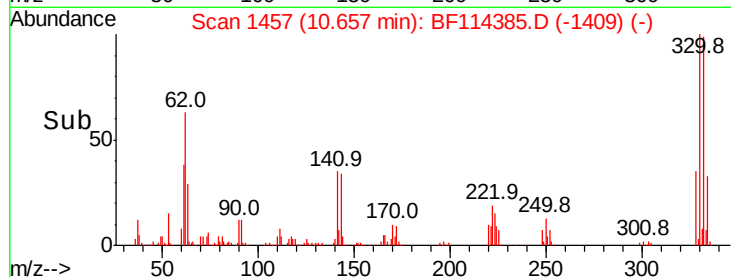
330 100

332 101.5 81.4 122.2

141 32.2 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: 80.274 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF114385.D

Acq: 18 May 2019 12:37

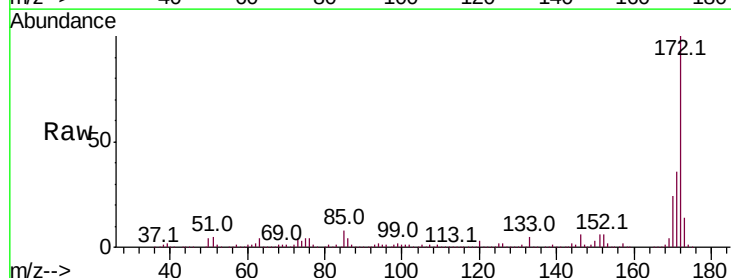
Tgt Ion:172 Resp: 2125663

Ion Ratio Lower Upper

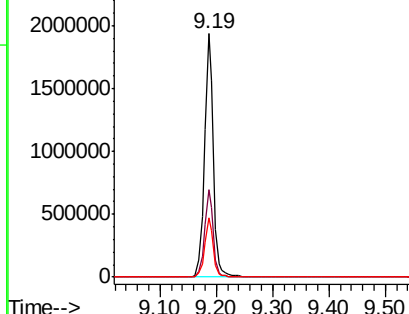
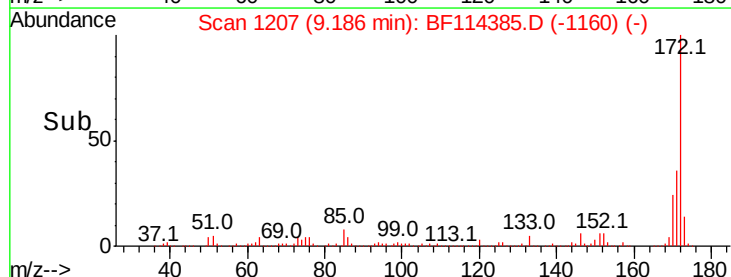
172 100

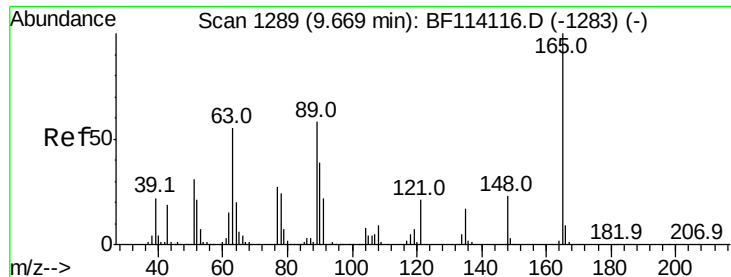
171 36.0 30.7 46.1

170 24.1 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





#51

2,6-Dinitrotoluene

Concen: 7.923 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.20 min

Lab File: BF114385.D

Acq: 18 May 2019 12:37

Instrument :
BNA_F
ClientSampleId :

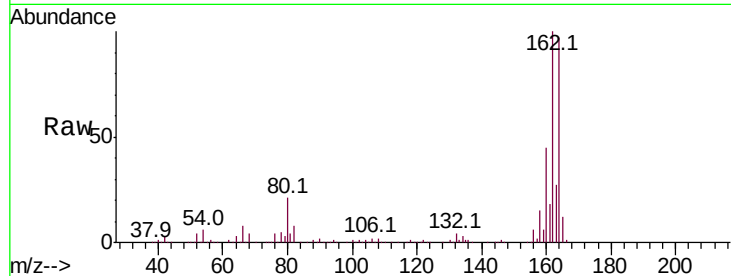
Tot Ion:165 Resp: 51670

Ion Ratio Lower Upper

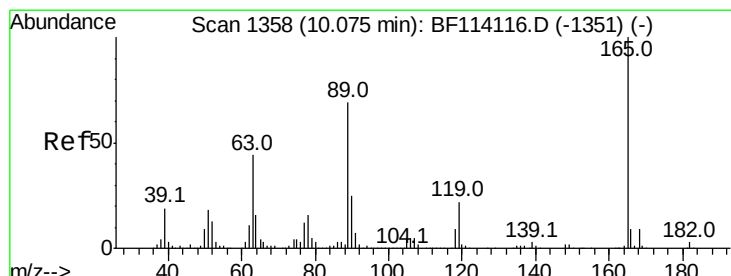
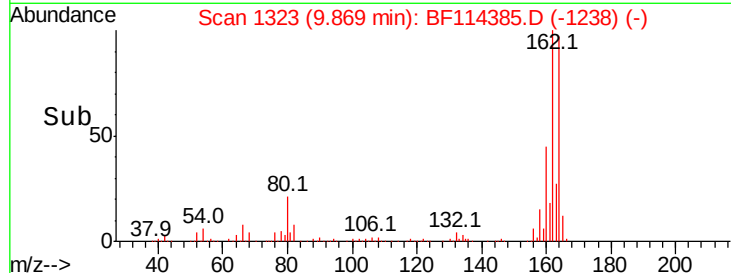
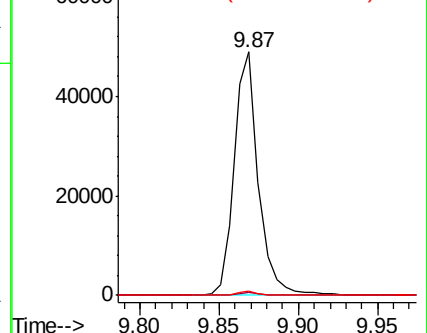
165 100

63 1.1 50.2 75.4#

89 1.7 46.6 69.8#



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



#57

2,4-Dinitrotoluene

Concen: 5.837 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.21 min

Lab File: BF114385.D

Acq: 18 May 2019 12:37

Tgt Ion:165 Resp: 51671

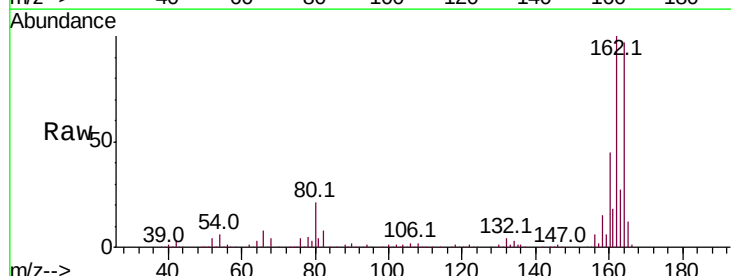
Ion Ratio Lower Upper

165 100

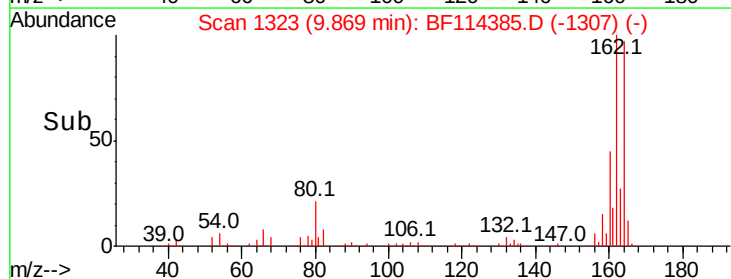
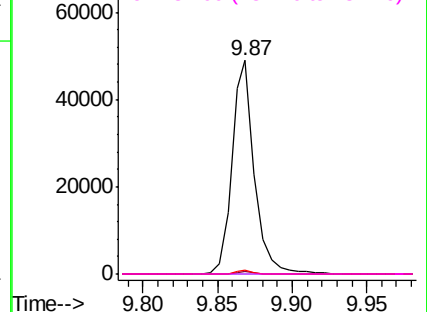
63 1.1 35.5 53.3#

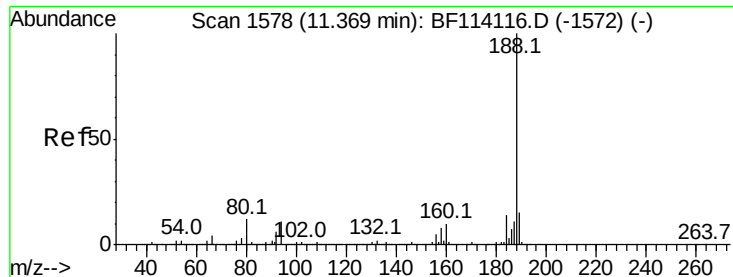
89 1.7 55.2 82.8#

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. -0.02 min

Lab File: BF114385.D

Acq: 18 May 2019 12:37

Instrument :

BNA_F

ClientSampled :

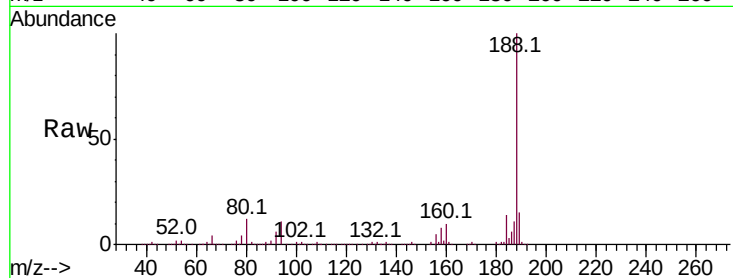
Tot Ion:188 Resp: 813166

Ion Ratio Lower Upper

188 100

94 10.7 8.4 12.6

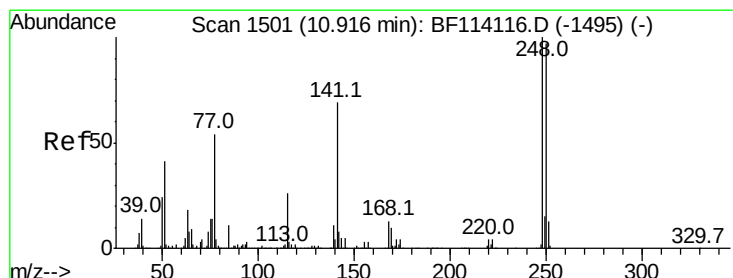
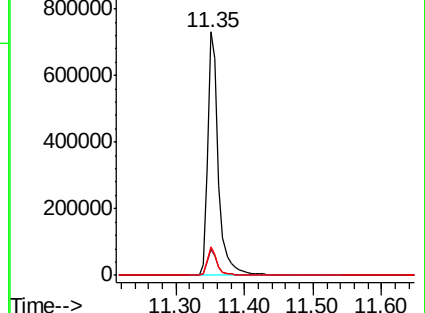
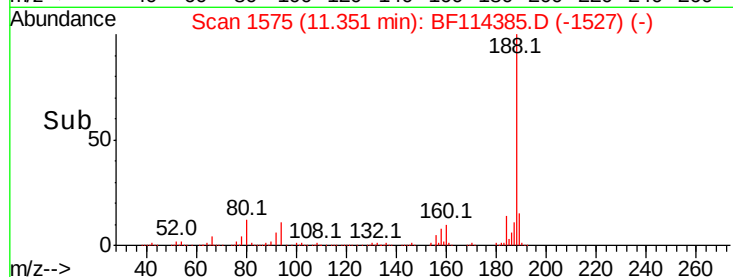
80 11.6 9.2 13.8



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: 3.279 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.26 min

Lab File: BF114385.D

Acq: 18 May 2019 12:37

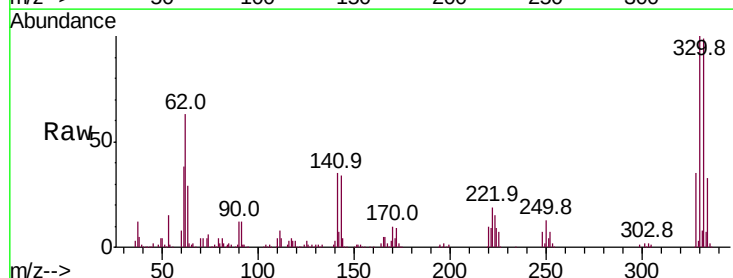
Tgt Ion:248 Resp: 29361

Ion Ratio Lower Upper

248 100

250 185.0 77.4 116.2#

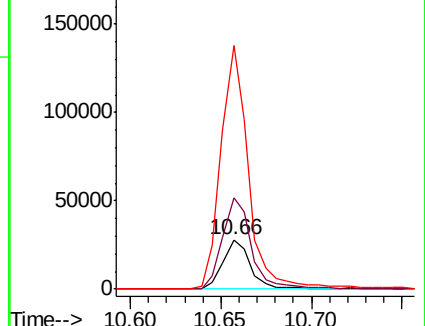
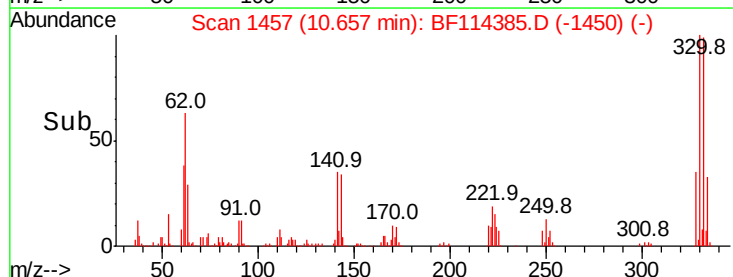
141 494.9 55.6 83.4#

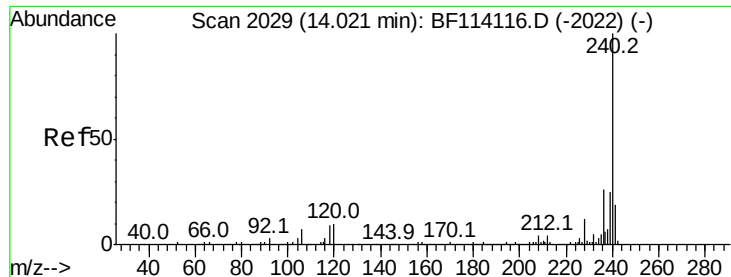


Abundance Ion 248.00 (247.70 to 248.70): E

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. -0.03 min

Lab File: BF114385.D

Acq: 18 May 2019 12:37

Instrument :

BNA_F

ClientSampleId :

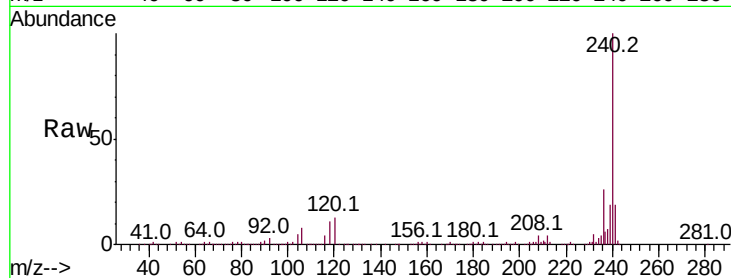
Tot Ion:240 Resp: 592296

Ion Ratio Lower Upper

240 100

120 12.8 8.3 12.5#

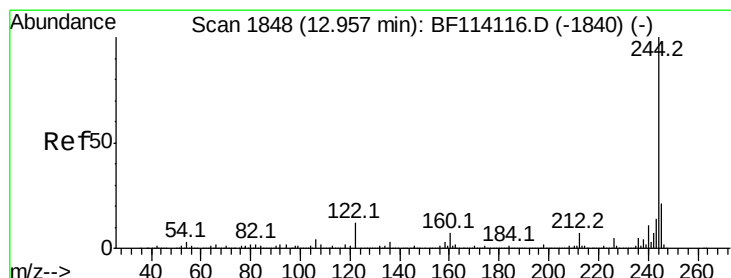
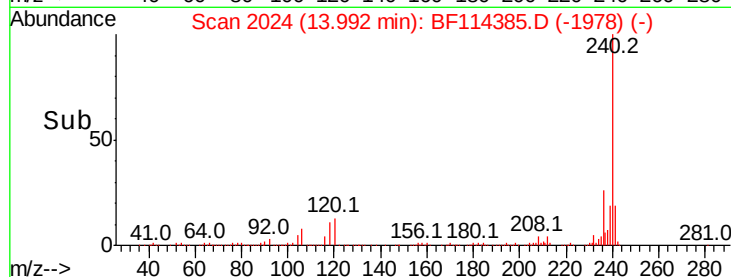
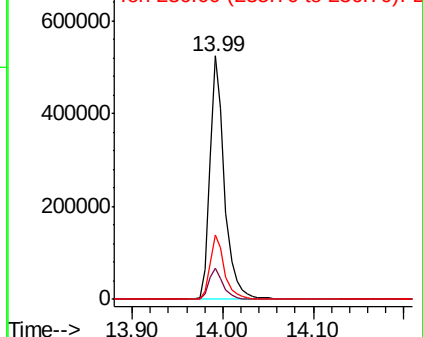
236 26.2 20.8 31.2



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: 74.369 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.02 min

Lab File: BF114385.D

Acq: 18 May 2019 12:37

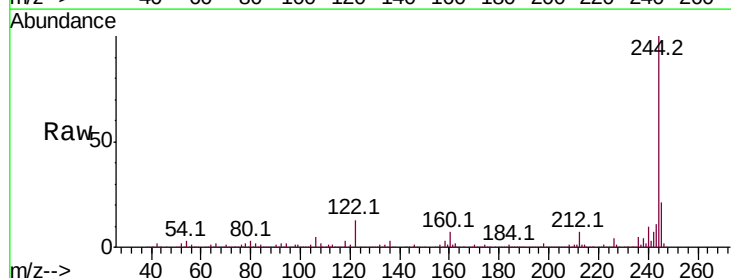
Tgt Ion:244 Resp: 2136776

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

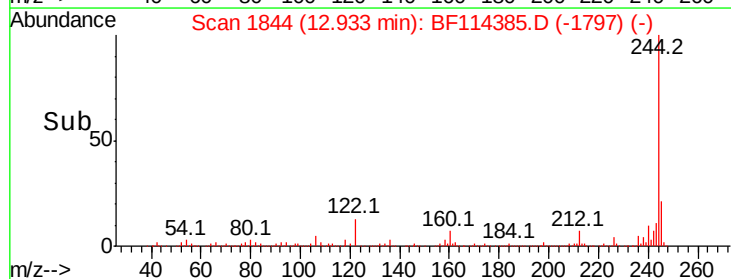
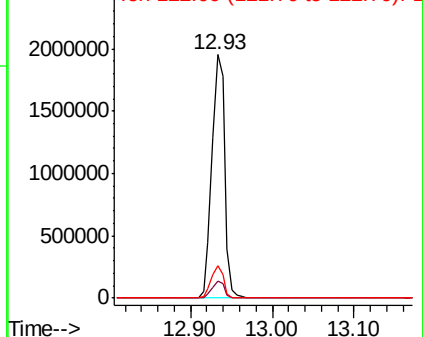
122 13.3 9.4 14.2

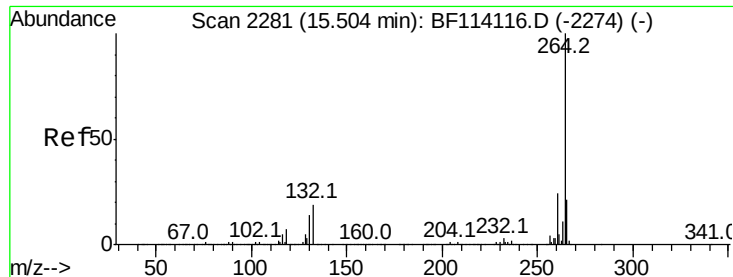


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.46 min Scan# 2273
 Delta R.T. -0.05 min
 Lab File: BF114385.D
 Acq: 18 May 2019 12:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.0
265	22.4	16.9	25.3

