

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051719\
 Data File : BF114355.D
 Acq On : 17 May 2019 17:39
 Operator : JU/SJ
 Sample : K2894-20
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 18 05:03:36 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	6.85	152	189938	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	725689	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	331043	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	622725	20.00	ng	0.00
76) Chrysene-d12	14.02	240	449223	20.00	ng	0.00
87) Perylene-d12	15.52	264	422650	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1042447	88.32	ng	0.00
7) Phenol-d6	6.49	99	1364027	97.71	ng	0.00
23) Nitrobenzene-d5	7.41	82	787120	60.87	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	279040	81.53	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1332667	60.89	ng	0.00
79) Terphenyl-d14	12.95	244	1134703	52.07	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	105511	11.925	ng	# 75
25) Isophorone	7.41	82	787110	32.821	ng	# 64
50) Dimethylphthalate	9.59	163	236446	9.730	ng	# 99
54) 2,4-Dinitrophenol	10.16	184	394	6.878	ng	# 18
57) 2,4-Dinitrotoluene	9.88	165	43960	6.009	ng	# 25
67) 4-Bromophenyl-phenylether	10.67	248	18714	2.729	ng	# 1

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

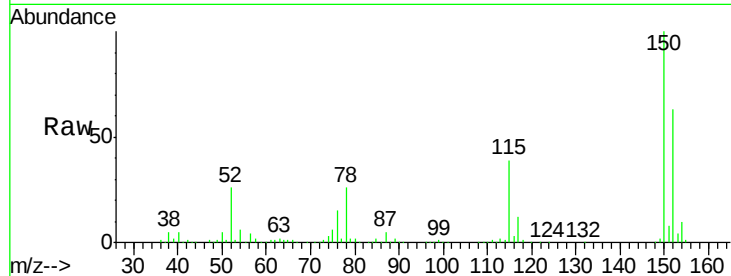


#1

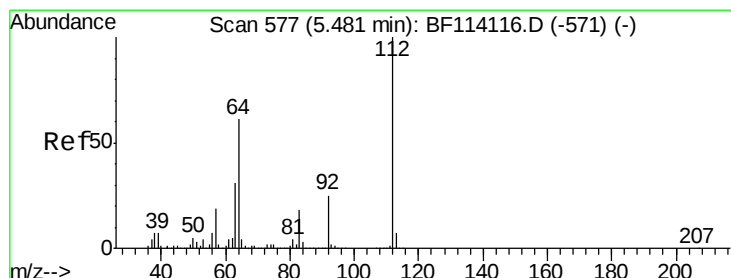
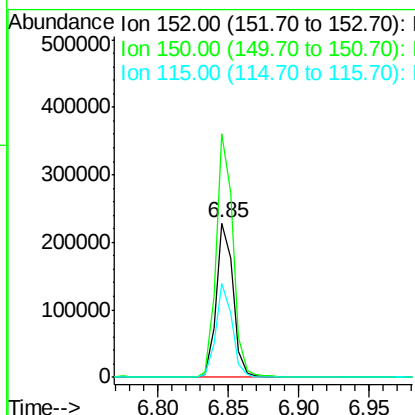
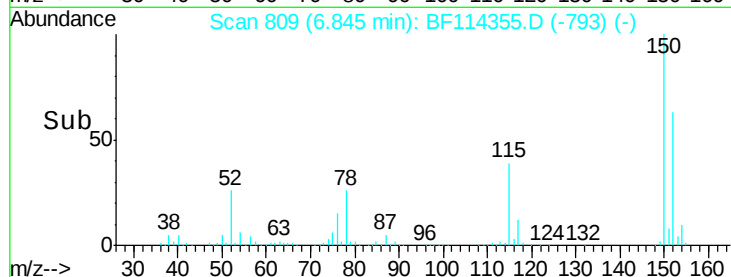
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF114355.D
Acq: 17 May 2019 17:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 189938
Ion Ratio Lower Upper
152 100
150 158.0 124.3 186.5
115 60.9 49.1 73.7



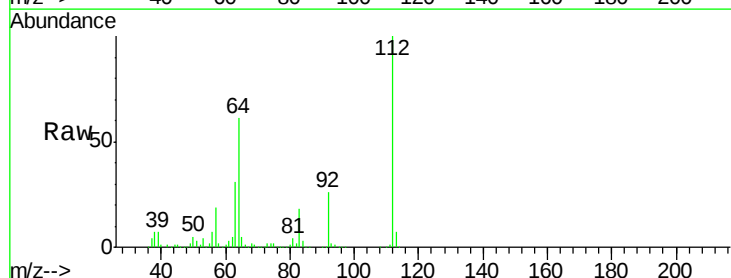
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



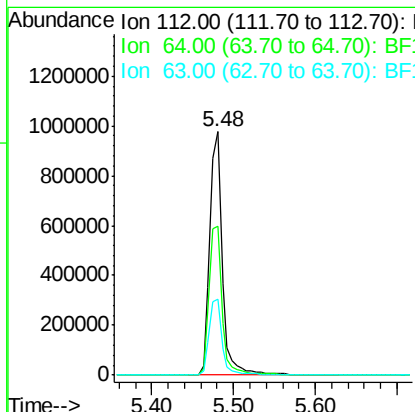
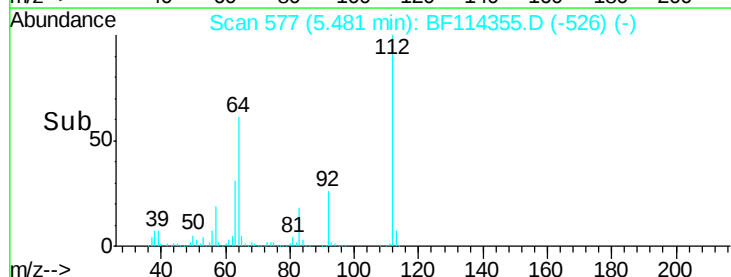
#5

2-Fluorophenol
Concen: 88.322 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114355.D
Acq: 17 May 2019 17:39

Tgt Ion:112 Resp: 1042447
Ion Ratio Lower Upper
112 100
64 61.3 49.0 73.6
63 31.3 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: 97.713 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114355.D

Acq: 17 May 2019 17:39

Instrument :

BNA_F

ClientSampleId :

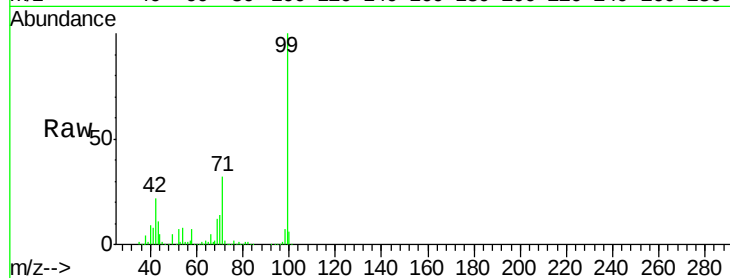
Tot Ion: 99 Resp: 1364027

Ion Ratio Lower Upper

99 100

42 21.9 17.9 26.9

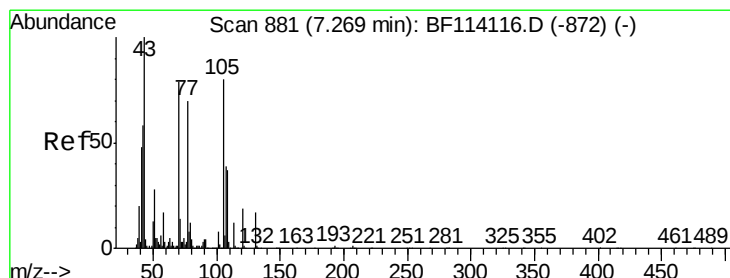
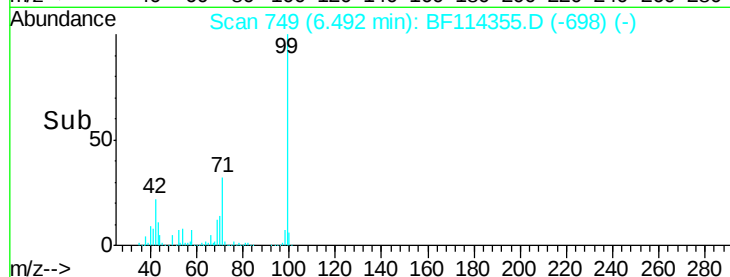
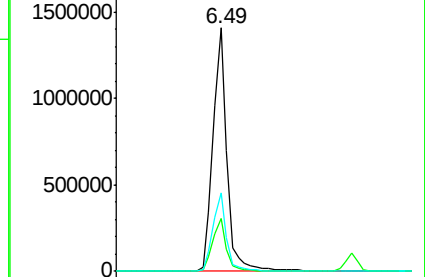
71 32.5 26.2 39.2



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: 11.925 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF114355.D

Acq: 17 May 2019 17:39

Tgt Ion: 70 Resp: 105511

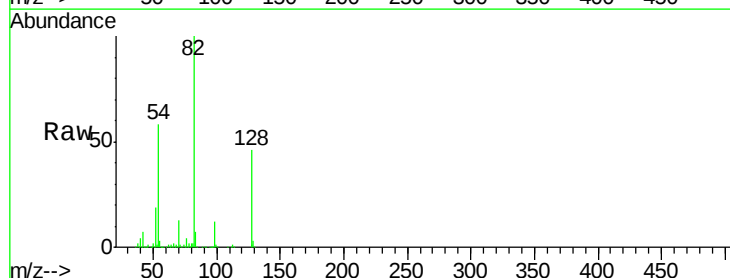
Ion Ratio Lower Upper

70 100

42 56.2 58.6 87.8#

101 0.0 7.8 11.8#

130 2.4 17.1 25.7#

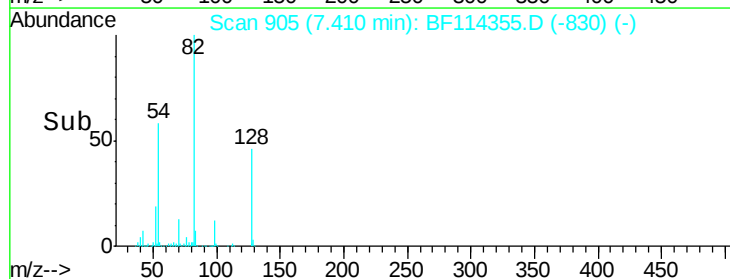
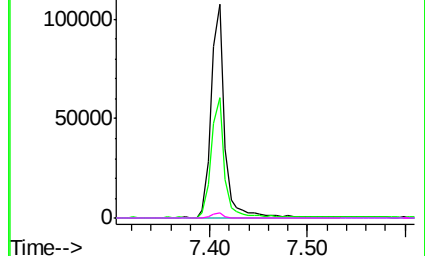


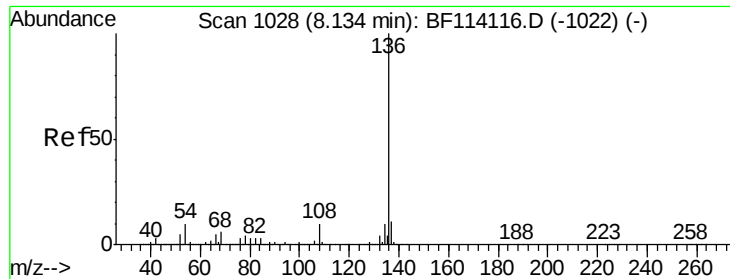
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

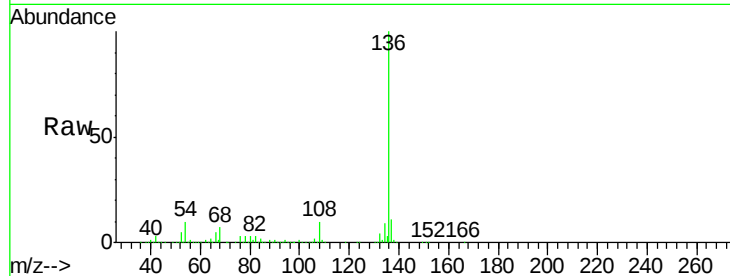




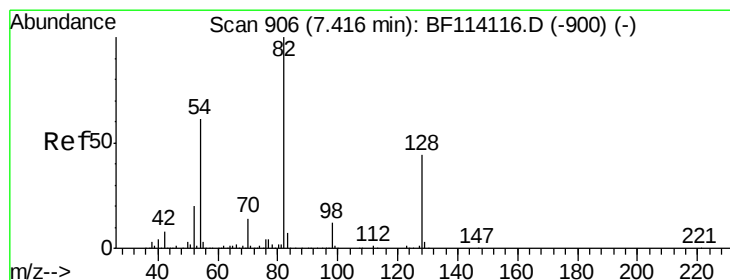
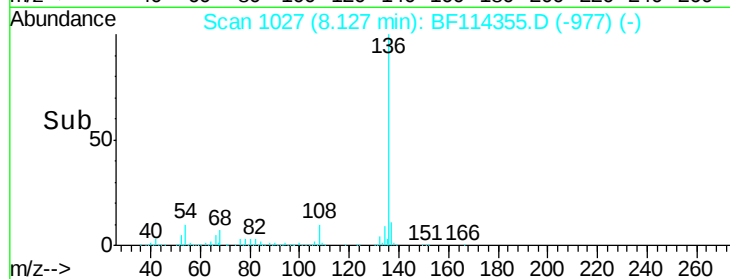
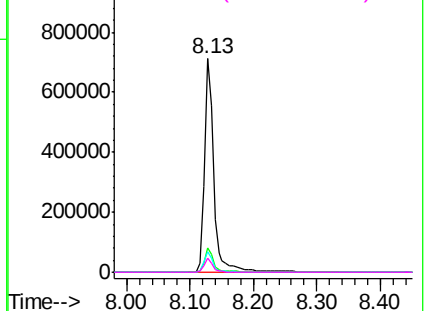
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF114355.D
Acq: 17 May 2019 17:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	725689
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.8 13.2
54	9.9	7.8 11.8
68	6.7	5.1 7.7

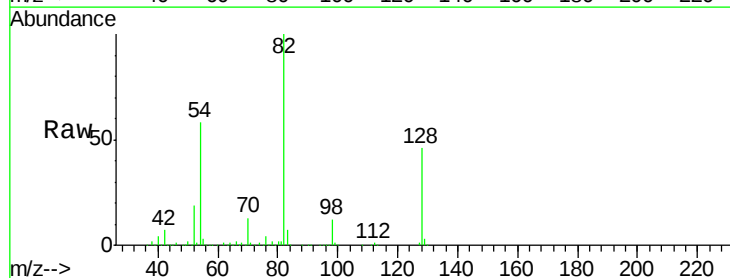


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

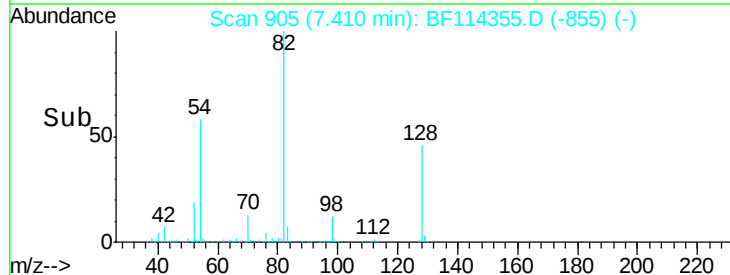
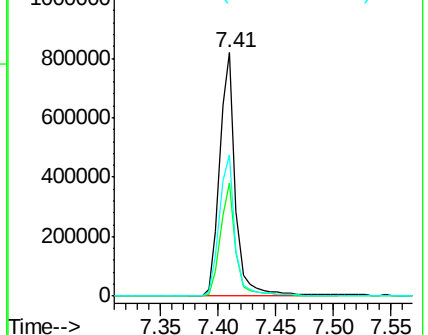


#23
Nitrobenzene-d5
Concen: 60.871 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114355.D
Acq: 17 May 2019 17:39

Tgt Ion: 82	Resp:	787120
Ion Ratio	Lower	Upper
82	100	
128	46.4	35.5 53.3
54	58.0	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: 32.821 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF114355.D

Acq: 17 May 2019 17:39

Instrument :

BNA_F

ClientSampled :

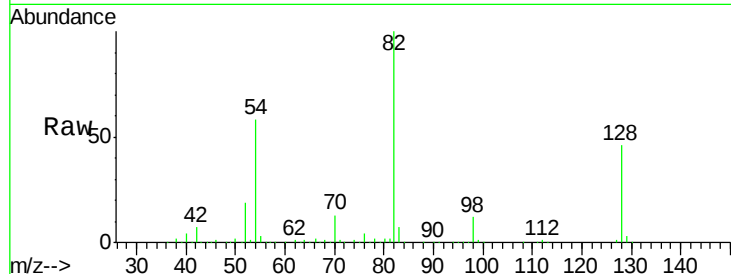
Tot Ion: 82 Resp: 787110

Ion Ratio Lower Upper

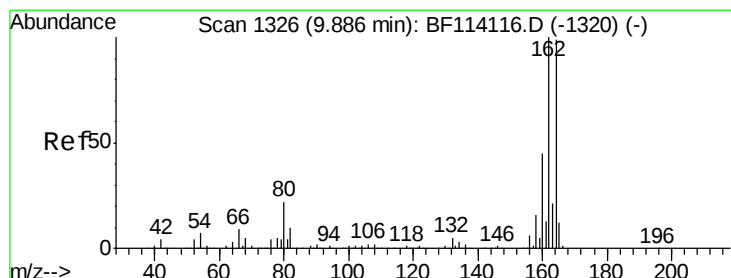
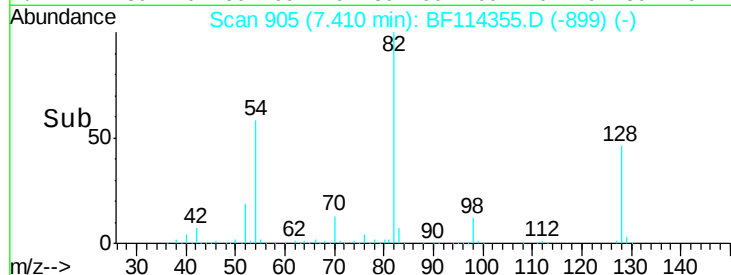
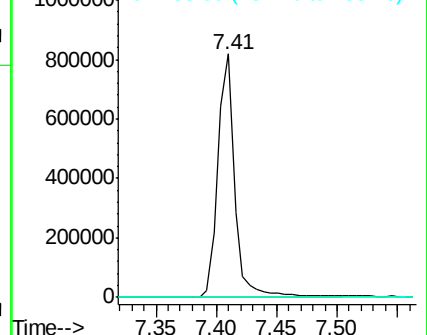
82 100

95 0.1 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: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF114355.D

Acq: 17 May 2019 17:39

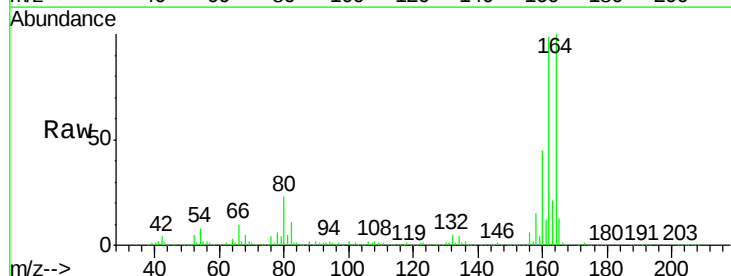
Tgt Ion: 164 Resp: 331043

Ion Ratio Lower Upper

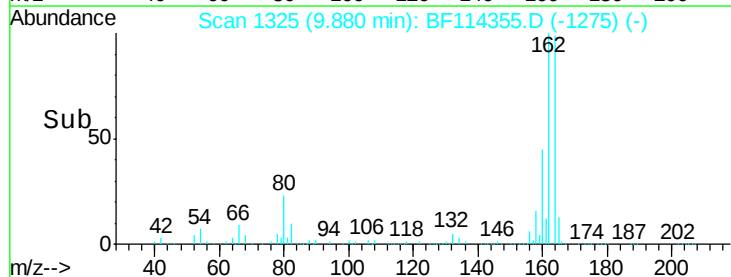
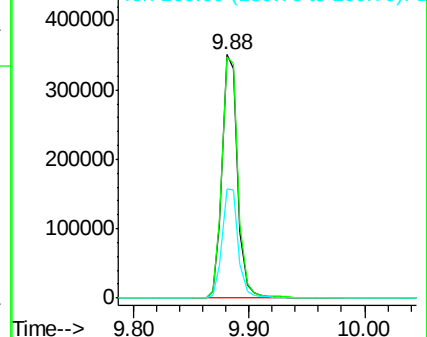
164 100

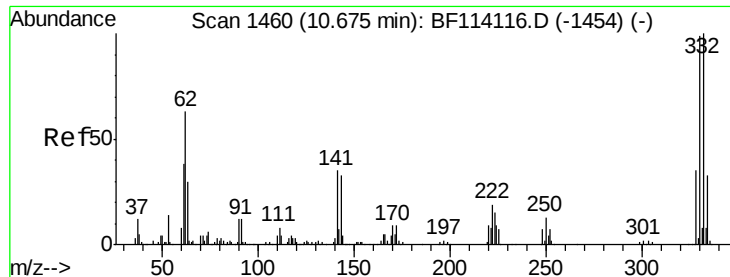
162 99.1 80.6 120.8

160 44.9 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: 81.533 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF114355.D

Acq: 17 May 2019 17:39

Instrument :

BNA_F

ClientSampleId :

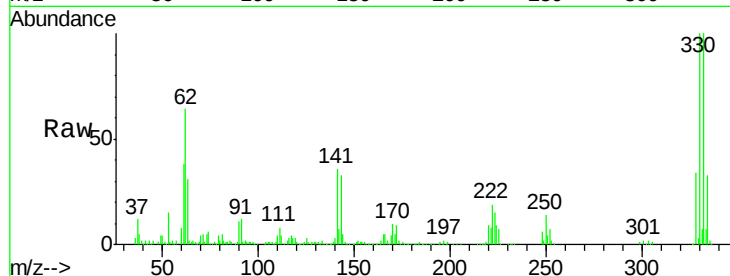
Tot Ion:330 Resp: 279040

Ion Ratio Lower Upper

330 100

332 104.0 81.4 122.2

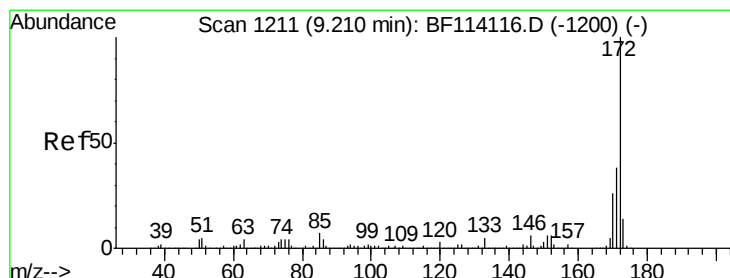
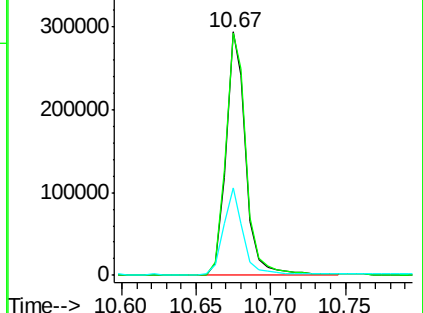
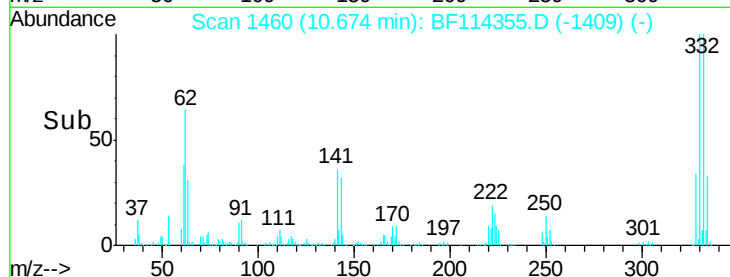
141 34.0 26.6 40.0



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: 60.895 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF114355.D

Acq: 17 May 2019 17:39

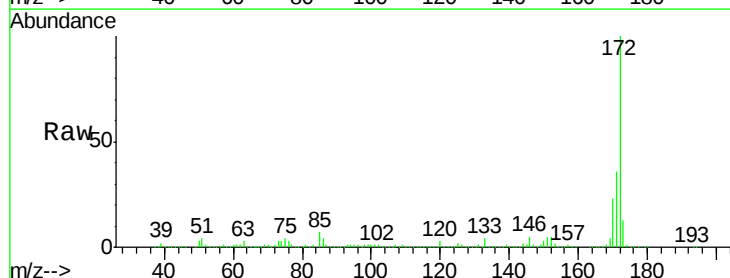
Tgt Ion:172 Resp: 1332667

Ion Ratio Lower Upper

172 100

171 35.6 30.7 46.1

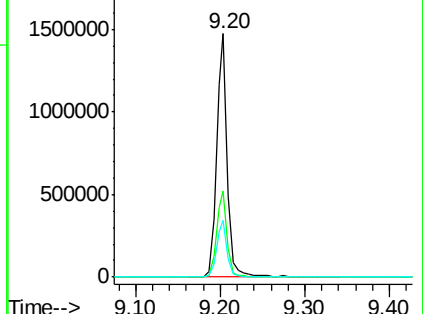
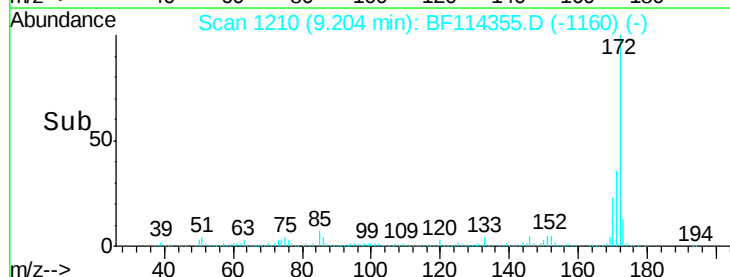
170 23.5 20.5 30.7

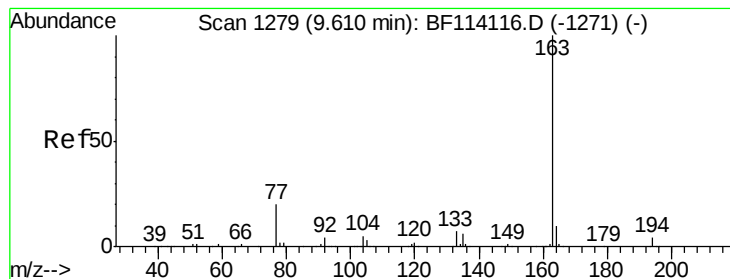


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 9.730 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF114355.D

Acq: 17 May 2019 17:39

Instrument :

BNA_F

ClientSampleId :

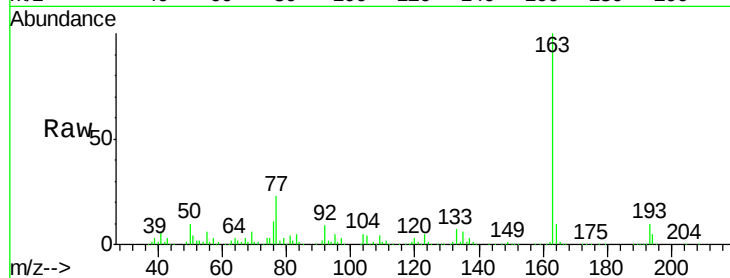
Tot Ion:163 Resp: 236446

Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.0

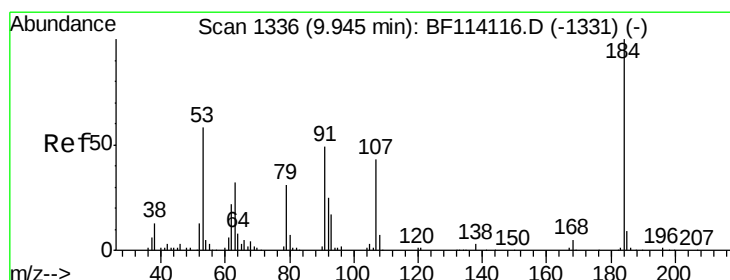
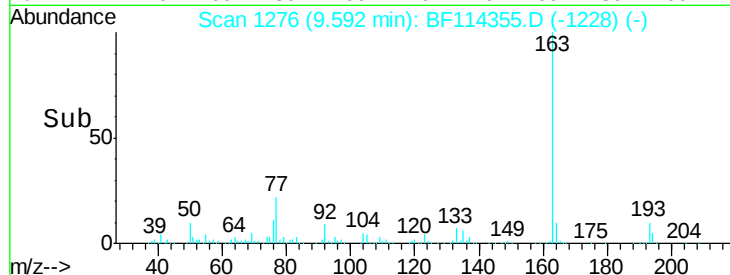
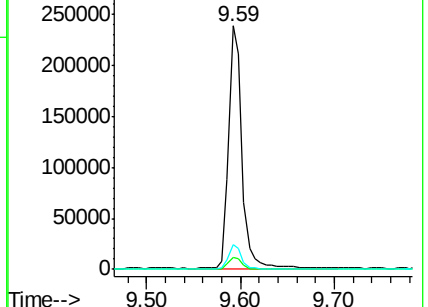
164 10.2 8.2 12.2



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



#54

2,4-Dinitrophenol

Concen: 6.878 ng

RT: 10.16 min Scan# 1373

Delta R.T. 0.22 min

Lab File: BF114355.D

Acq: 17 May 2019 17:39

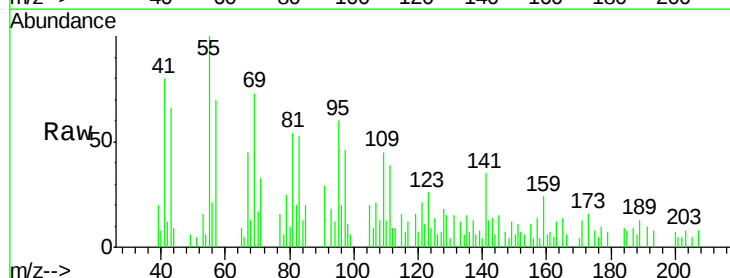
Tgt Ion:184 Resp: 394

Ion Ratio Lower Upper

184 100

63 0.0 55.6 83.4#

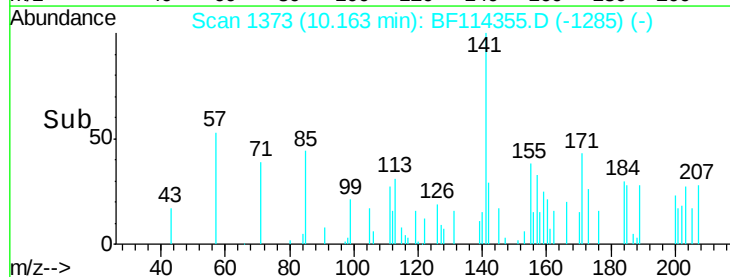
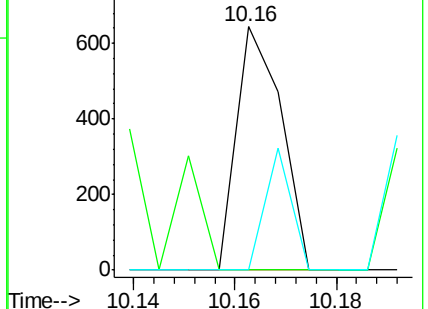
154 0.0 46.0 69.0#

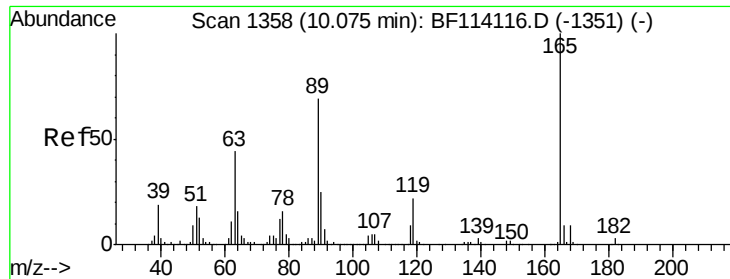


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

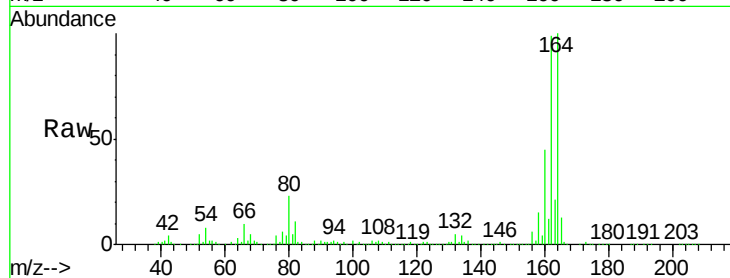




#57
2,4-Dinitrotoluene
Concen: 6.009 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.19 min
Lab File: BF114355.D
Acq: 17 May 2019 17:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	35.5	53.3#
89	2.0	55.2	82.8#
182	0.0	2.2	3.2#

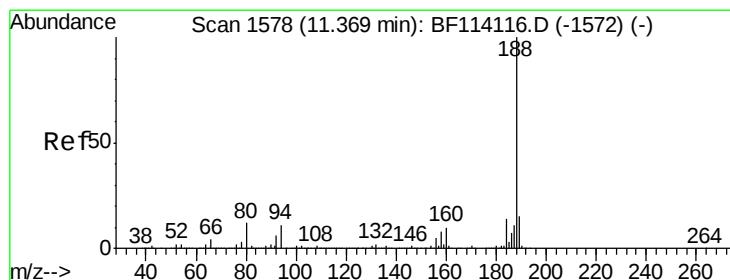
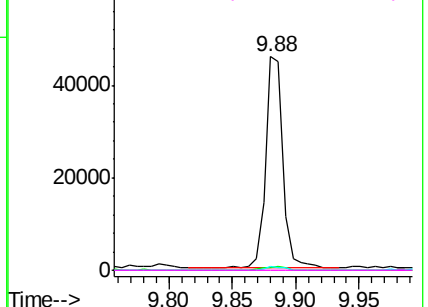
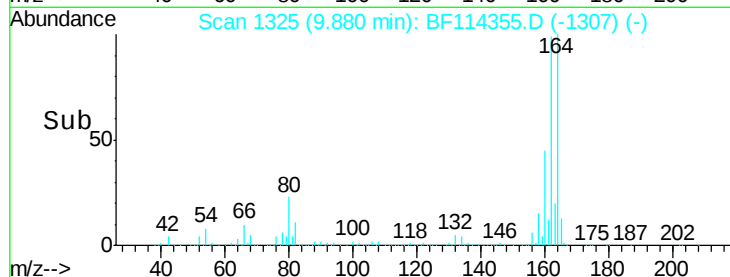


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

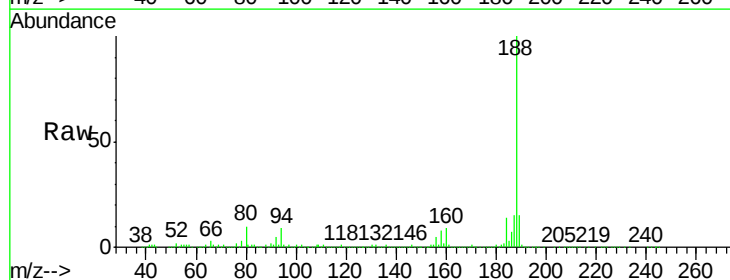
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF114355.D
Acq: 17 May 2019 17:39

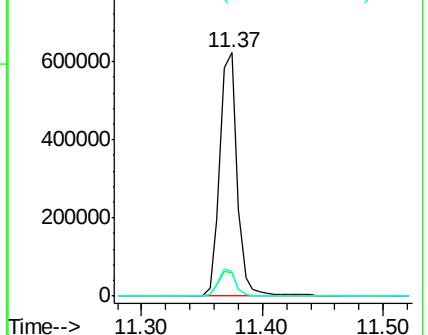
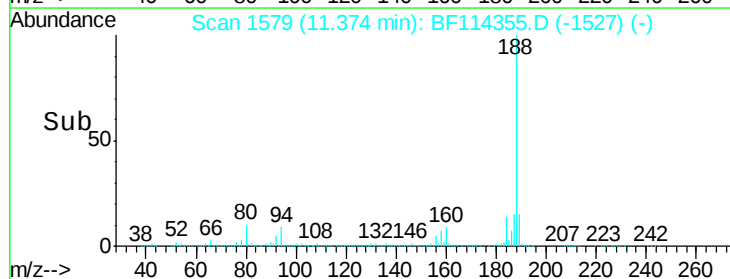
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.4	12.6
80	10.1	9.2	13.8

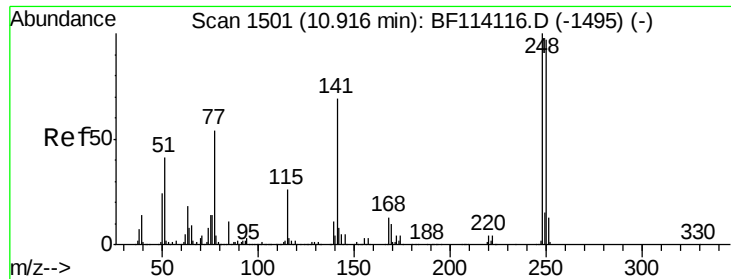


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

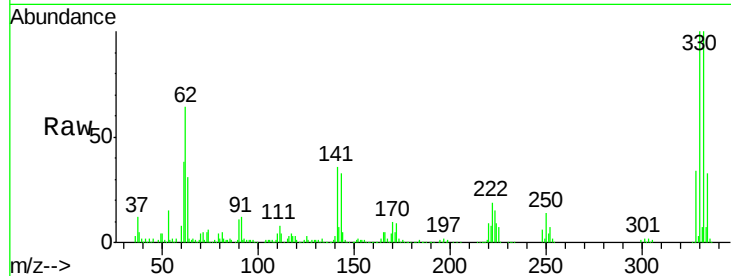




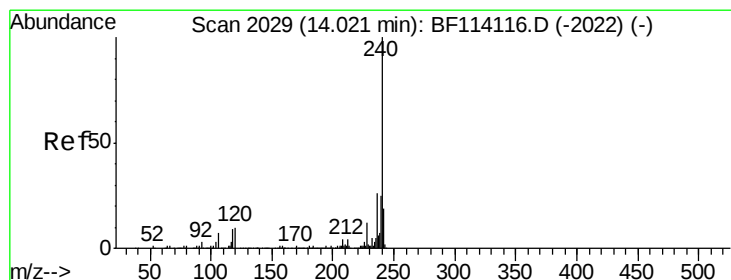
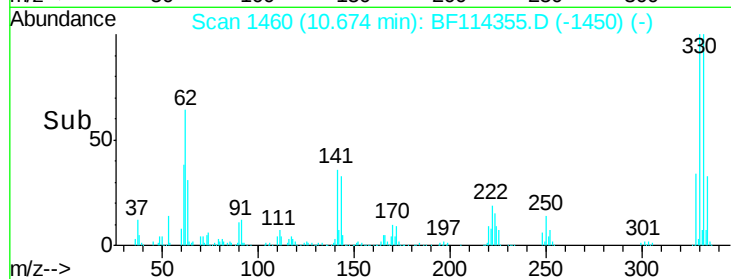
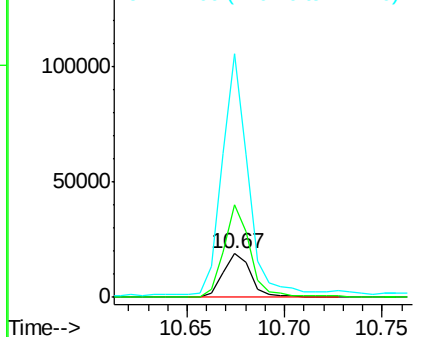
#67
 4-Bromophenyl-phenylether
 Concen: 2.729 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.24 min
 Lab File: BF114355.D
 Acq: 17 May 2019 17:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 18714
 Ion Ratio Lower Upper
 248 100
 250 211.6 77.4 116.2#
 141 555.2 55.6 83.4#

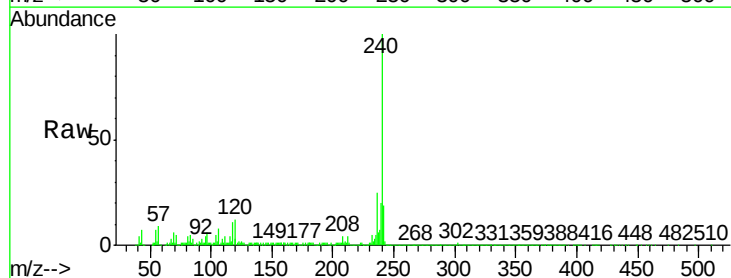


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

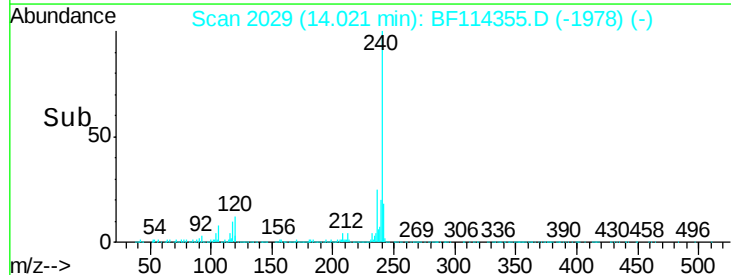
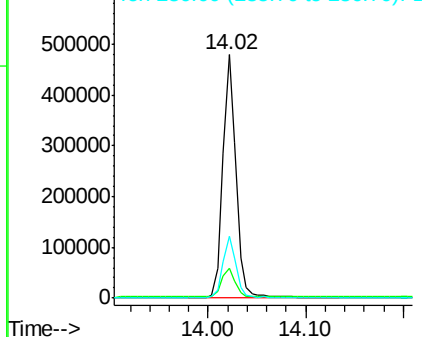


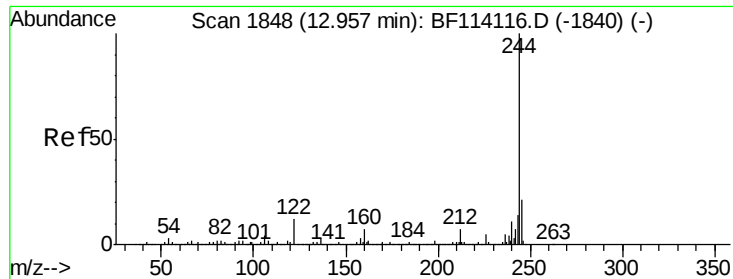
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BF114355.D
 Acq: 17 May 2019 17:39

Tgt Ion:240 Resp: 449223
 Ion Ratio Lower Upper
 240 100
 120 12.4 8.3 12.5
 236 25.3 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: 52.070 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114355.D

Acq: 17 May 2019 17:39

Instrument :

BNA_F

ClientSampleId :

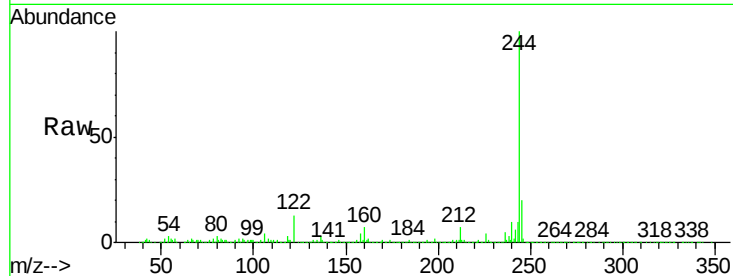
Tot Ion:244 Resp: 1134703

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

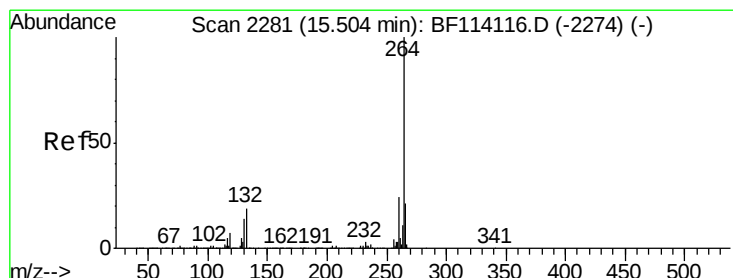
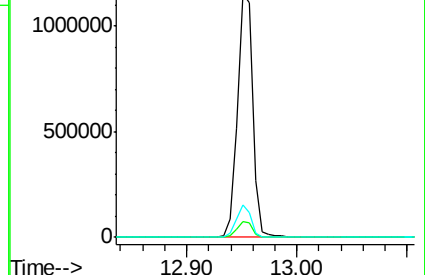
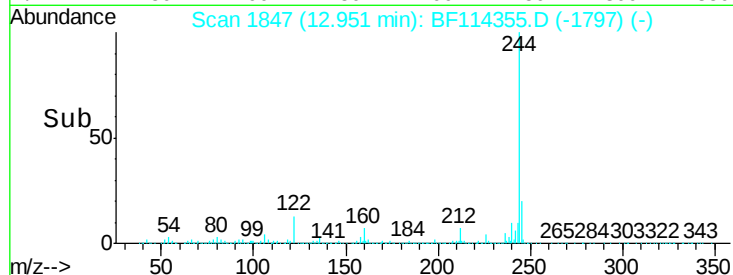
122 13.4 9.4 14.2



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: 15.52 min Scan# 2284

Delta R.T. 0.02 min

Lab File: BF114355.D

Acq: 17 May 2019 17:39

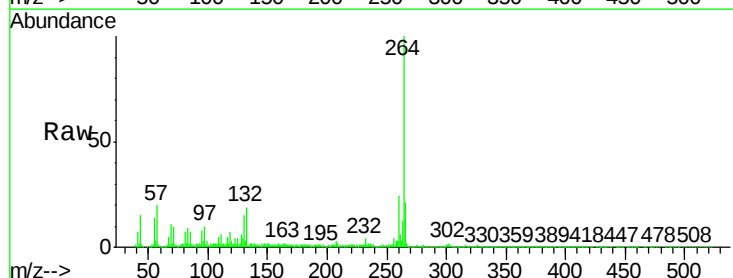
Tgt Ion:264 Resp: 422650

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.0

265 21.2 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

