

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
 Data File : BF114835.D
 Acq On : 5 Jun 2019 23:00
 Operator : HP/JU
 Sample : K3189-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 06 05:03:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

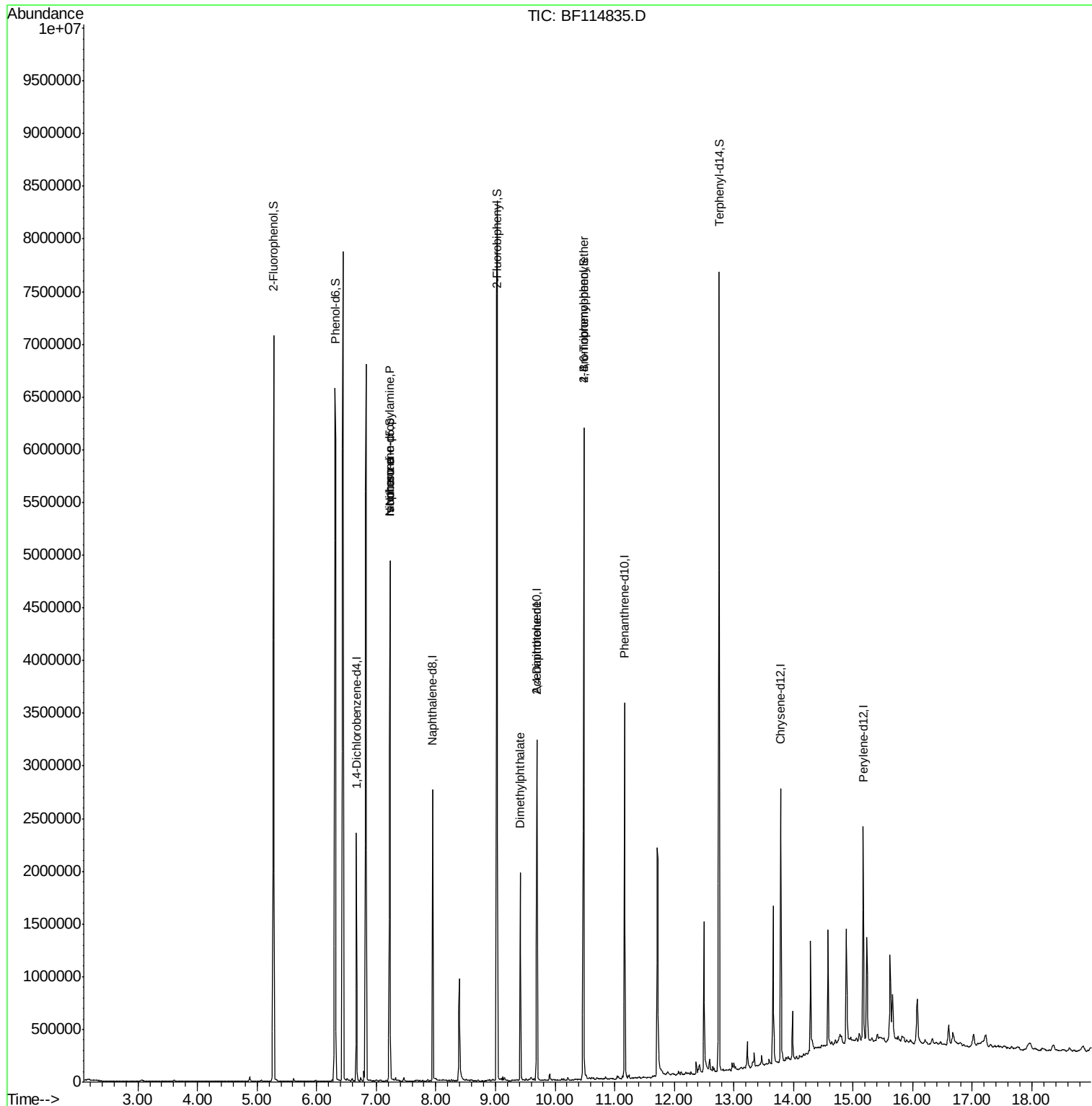
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	338947	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1291118	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	649205	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1249736	20.00	ng	0.00
76) Chrysene-d12	13.79	240	786447	20.00	ng	0.00
87) Perylene-d12	15.17	264	886038	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2389902	123.21	ng	0.02
7) Phenol-d6	6.31	99	2967209	125.71	ng	0.00
23) Nitrobenzene-d5	7.23	82	1864476	88.90	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	835999	119.49	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	2719509	78.47	ng	0.00
79) Terphenyl-d14	12.75	244	2856045	70.63	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.23	70	254200	16.270	ng	# 78
25) Isophorone	7.23	82	1850448	44.628	ng	# 61
50) Dimethylphthalate	9.42	163	757280	15.971	ng	# 99
57) 2,4-Dinitrotoluene	9.69	165	84536	6.030	ng	# 32
58) Fluorene	10.23	166	1424	Below Cal		# 93
67) 4-Bromophenyl-phenylether	10.48	248	54167	3.816	ng	# 1

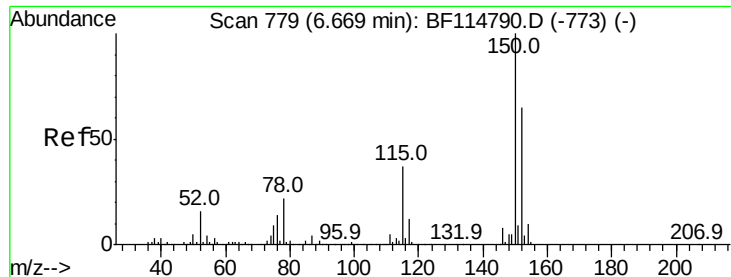
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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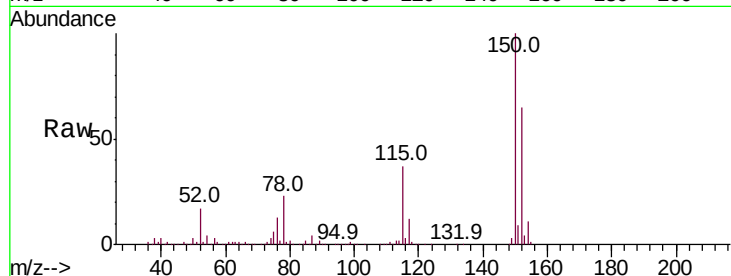


#1

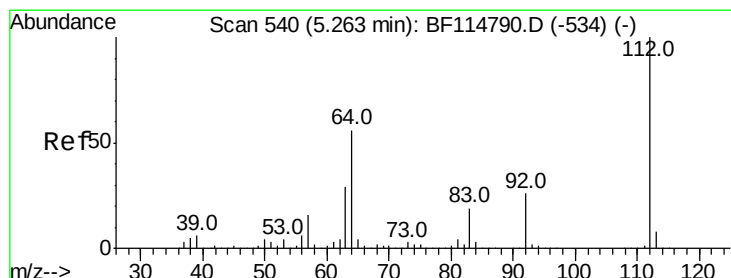
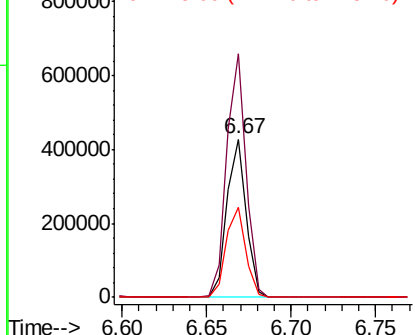
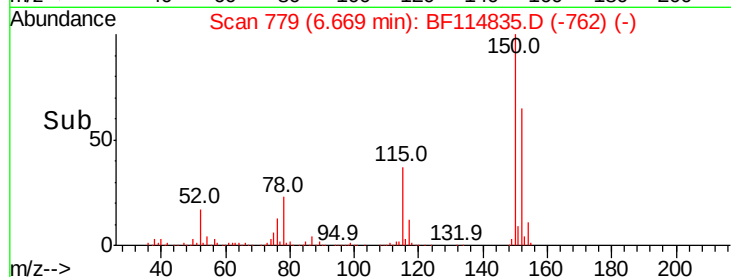
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF114835.D
Acq: 5 Jun 2019 23:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 338947
Ion Ratio Lower Upper
152 100
150 153.6 124.0 186.0
115 56.8 46.3 69.5



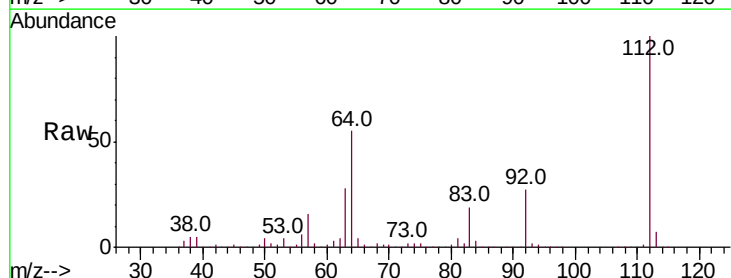
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



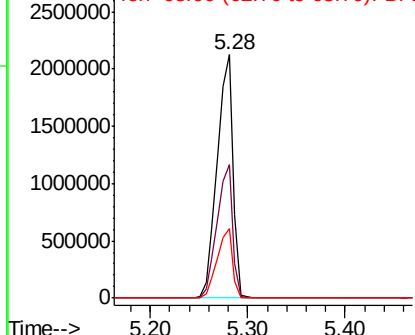
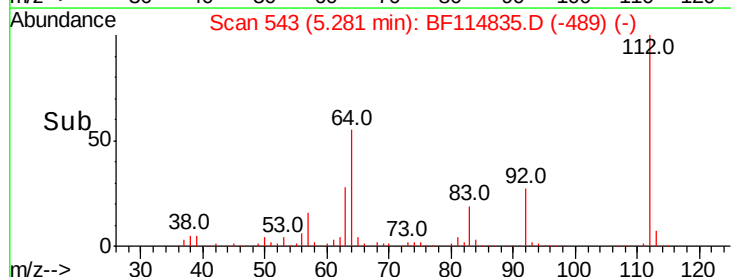
#5

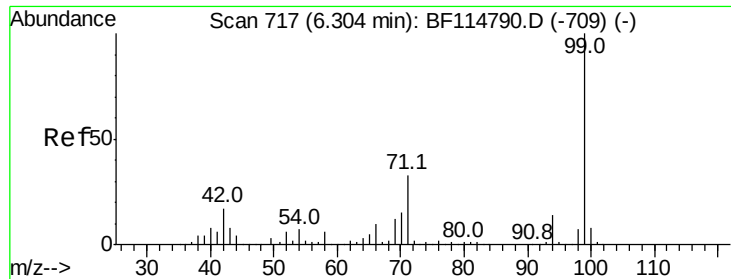
2-Fluorophenol
Concen: 123.205 ng
RT: 5.28 min Scan# 543
Delta R.T. 0.02 min
Lab File: BF114835.D
Acq: 5 Jun 2019 23:00

Tgt Ion:112 Resp: 2389902
Ion Ratio Lower Upper
112 100
64 54.7 44.6 66.8
63 28.5 23.0 34.4



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: 125.712 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BF114835.D

Acq: 5 Jun 2019 23:00

Instrument :

BNA_F

ClientSampled :

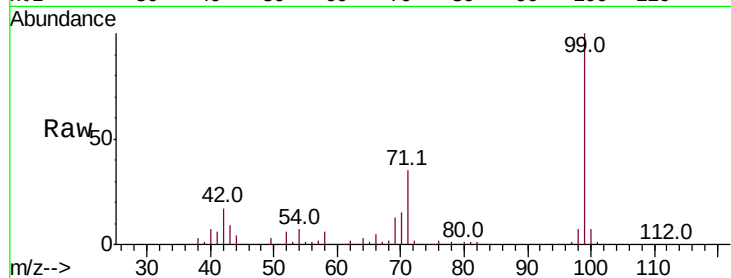
Tot Ion: 99 Resp: 2967209

Ion Ratio Lower Upper

99 100

42 17.2 13.3 19.9

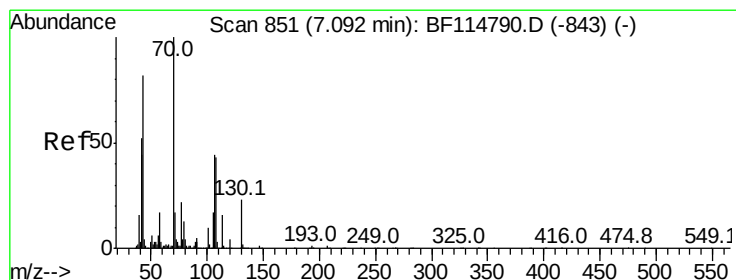
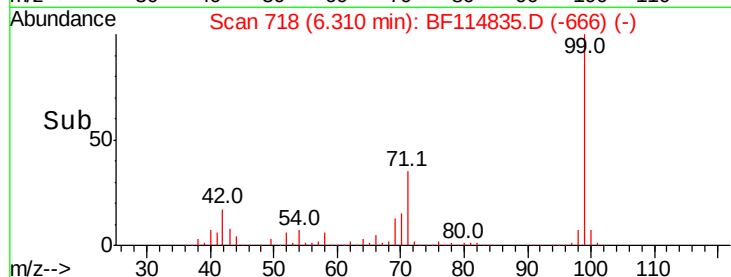
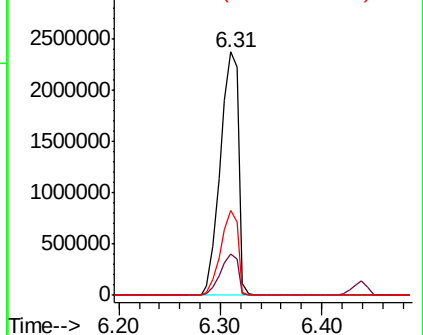
71 35.0 26.3 39.5



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: 16.270 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.14 min

Lab File: BF114835.D

Acq: 5 Jun 2019 23:00

Tgt Ion: 70 Resp: 254200

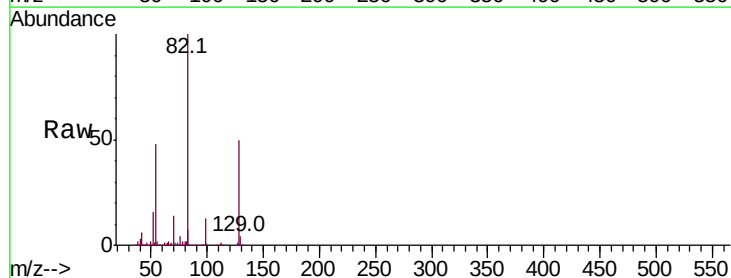
Ion Ratio Lower Upper

70 100

42 44.0 41.8 62.8

101 0.0 8.2 12.4#

130 2.4 18.5 27.7#

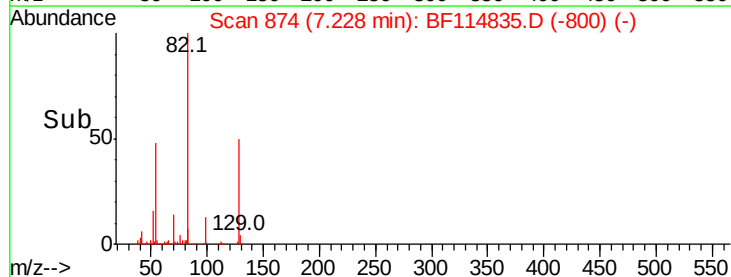
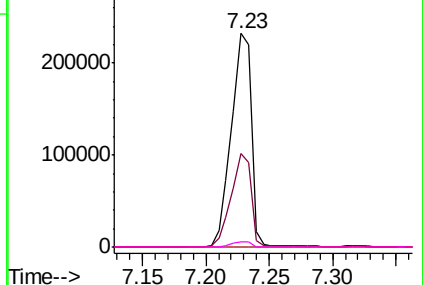


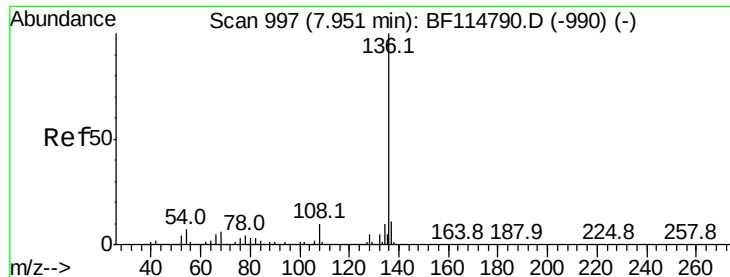
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

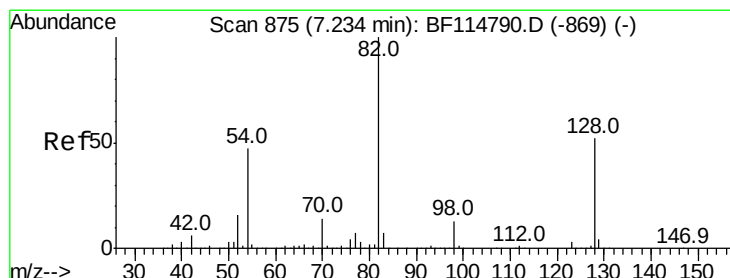
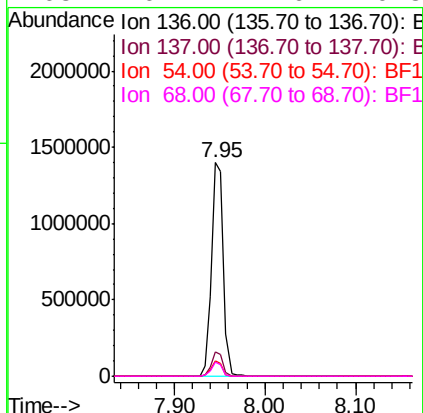
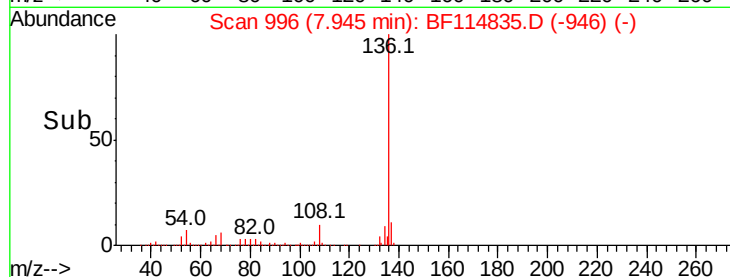
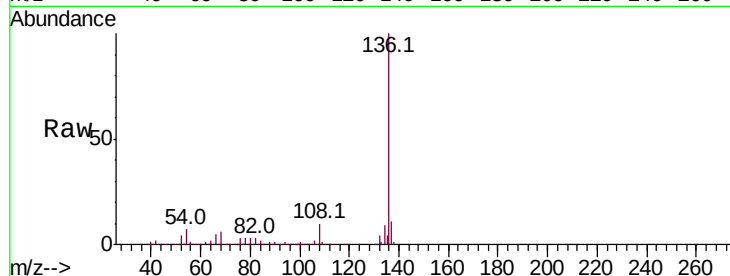




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF114835.D
Acq: 5 Jun 2019 23:00

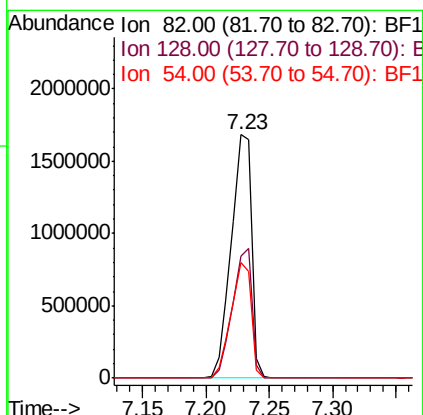
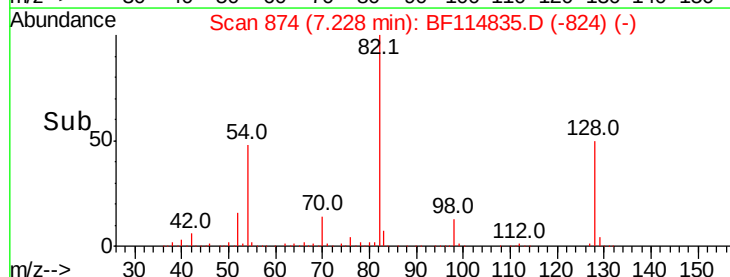
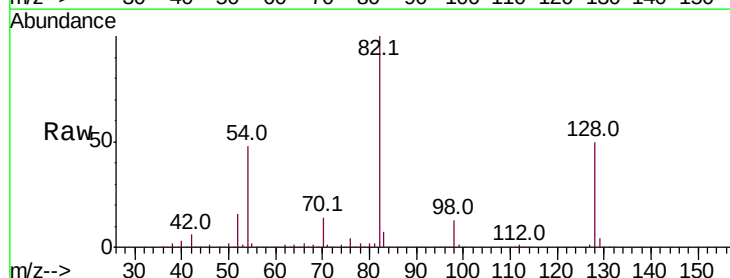
Instrument :
BNA_F
ClientSampleId :

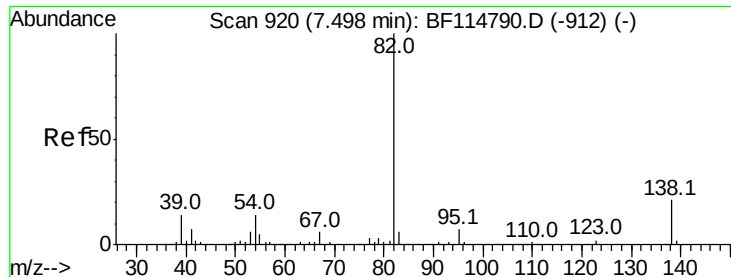
Tot Ion:	136	Resp:	1291118
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.3	5.4	8.0
68	6.4	4.6	6.8



#23
Nitrobenzene-d5
Concen: 88.895 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF114835.D
Acq: 5 Jun 2019 23:00

Tgt Ion:	82	Resp:	1864476
Ion	Ratio	Lower	Upper
82	100		
128	50.3	41.8	62.6
54	47.5	37.9	56.9

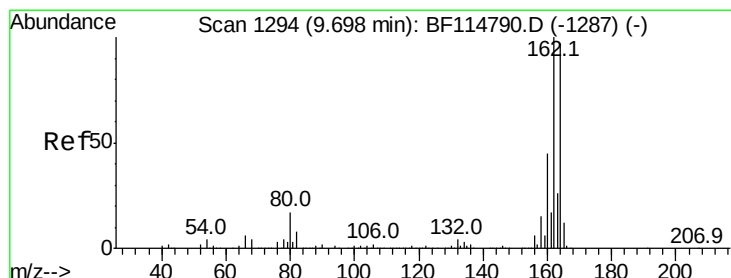
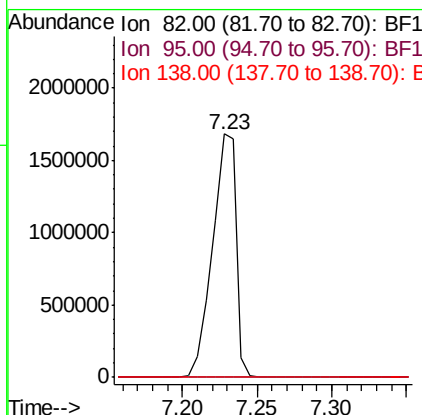
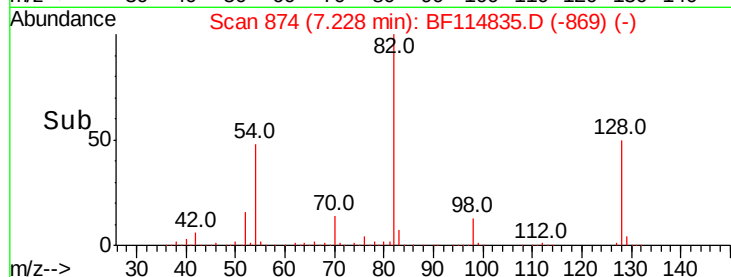
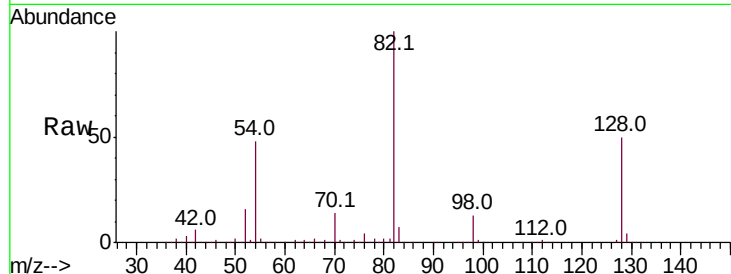




#25
Isophorone
Concen: 44.628 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.27 min
Lab File: BF114835.D
Acq: 5 Jun 2019 23:00

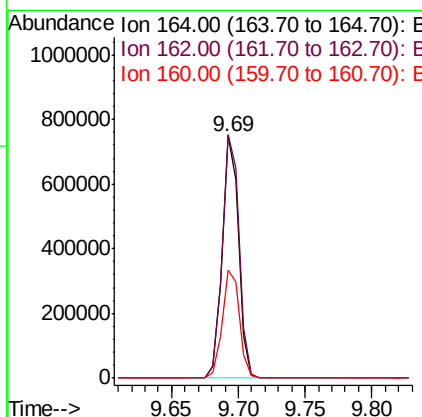
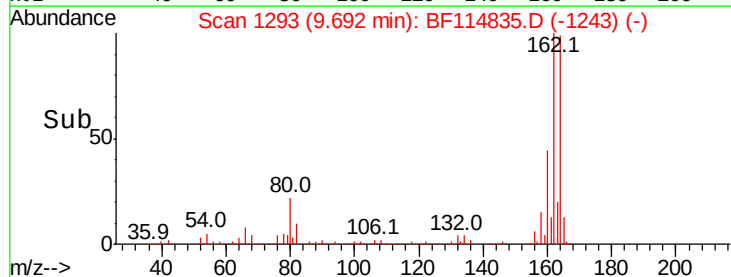
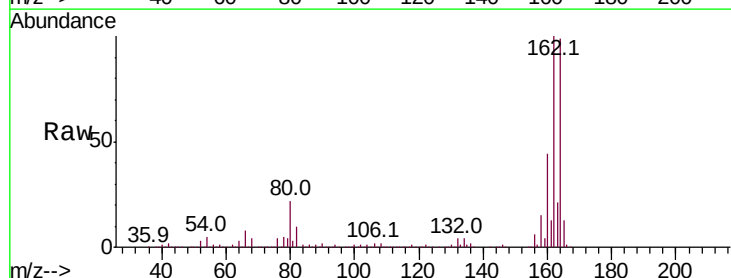
Instrument :
BNA_F
ClientSampleId :

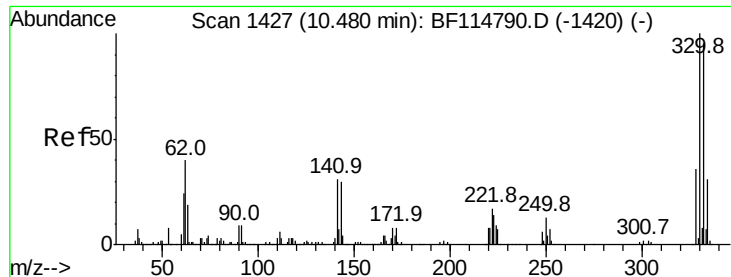
Tot Ion: 82 Resp: 1850448
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 16.9 25.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF114835.D
Acq: 5 Jun 2019 23:00

Tgt Ion:164 Resp: 649205
Ion Ratio Lower Upper
164 100
162 100.6 82.3 123.5
160 44.7 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 119.493 ng

RT: 10.48 min Scan# 1427

Delta R.T. 0.00 min

Lab File: BF114835.D

Acq: 5 Jun 2019 23:00

Instrument :

BNA_F

ClientSampled :

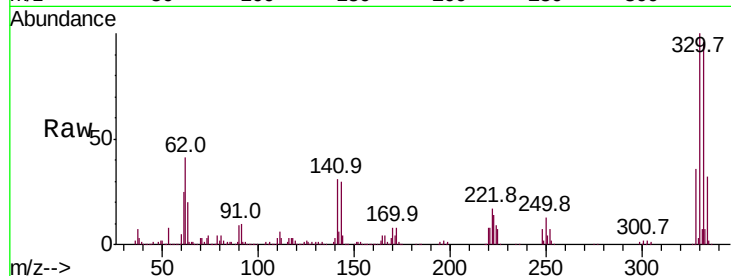
Tot Ion:330 Resp: 835999

Ion Ratio Lower Upper

330 100

332 95.5 77.3 115.9

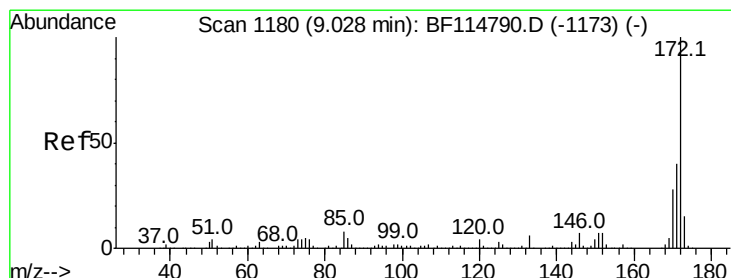
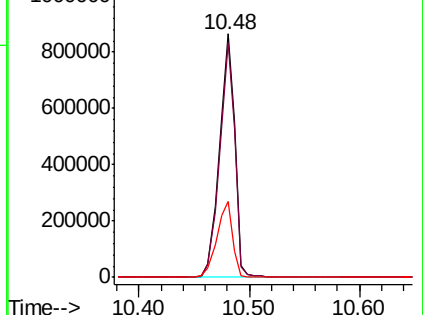
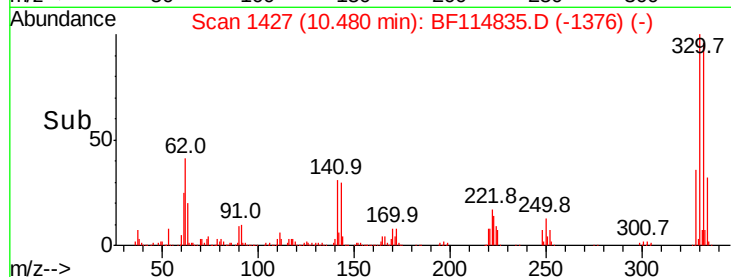
141 31.8 26.2 39.4



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: 78.471 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF114835.D

Acq: 5 Jun 2019 23:00

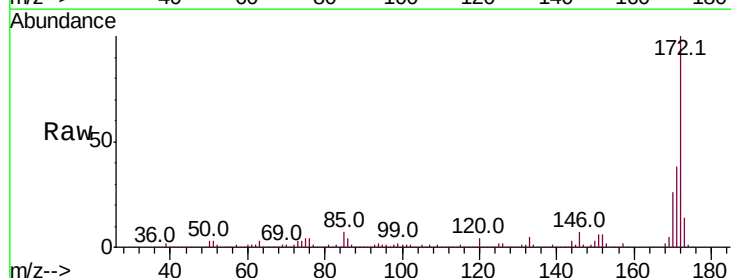
Tgt Ion:172 Resp: 2719509

Ion Ratio Lower Upper

172 100

171 38.5 32.3 48.5

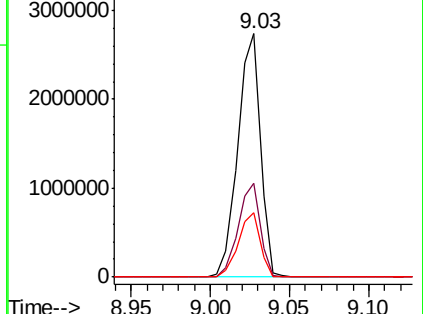
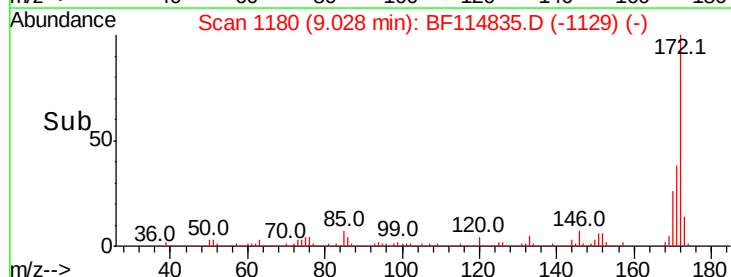
170 26.4 22.4 33.6

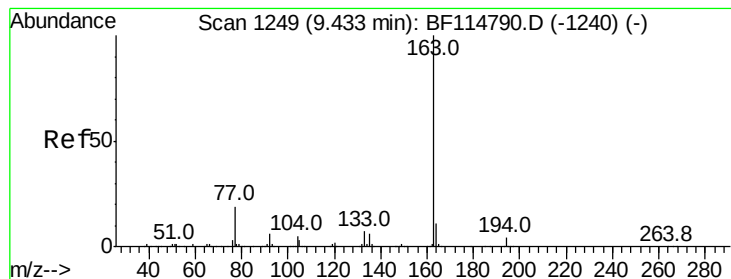


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 15.971 ng

RT: 9.42 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BF114835.D

Acq: 5 Jun 2019 23:00

Instrument :

BNA_F

ClientSampleId :

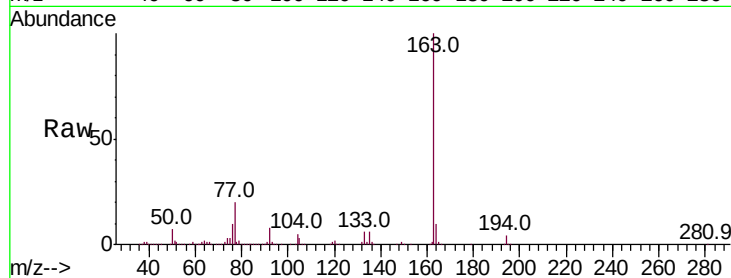
Tot Ion:163 Resp: 757280

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.2

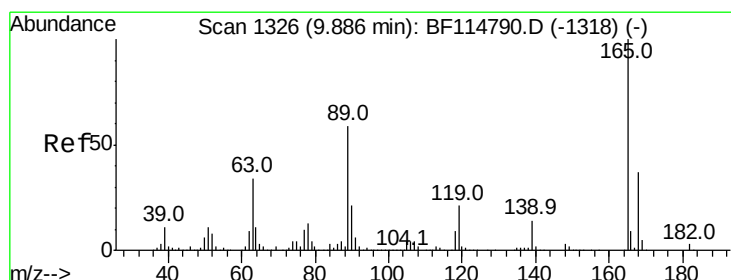
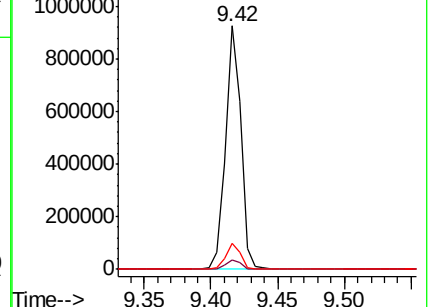
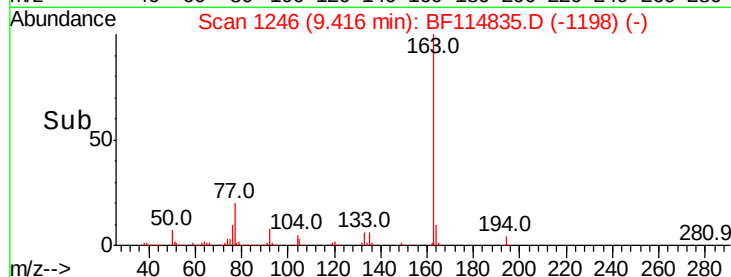
164 10.5 8.6 13.0



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: 6.030 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.19 min

Lab File: BF114835.D

Acq: 5 Jun 2019 23:00

Tgt Ion:165 Resp: 84536

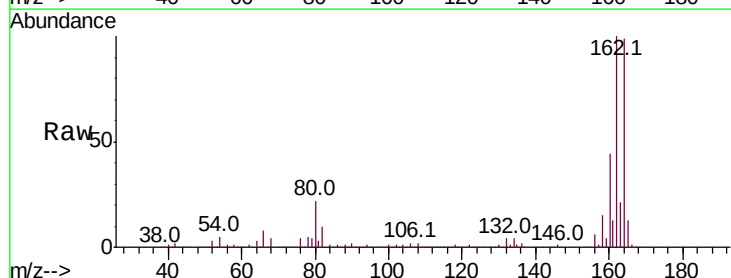
Ion Ratio Lower Upper

165 100

63 0.8 27.0 40.4#

89 1.3 47.0 70.6#

182 0.0 2.2 3.2#

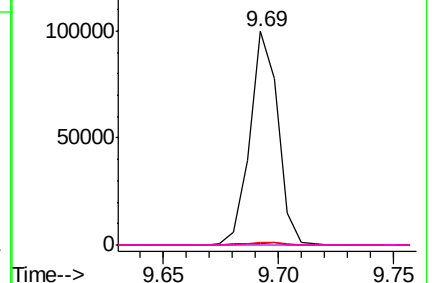
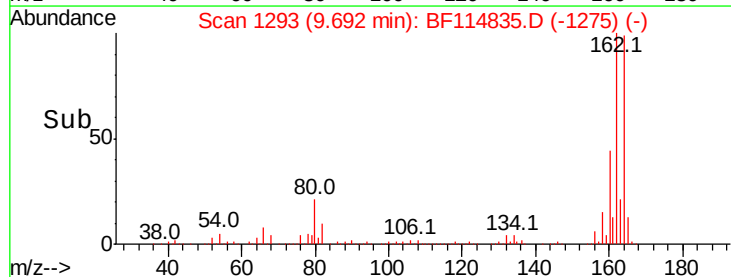


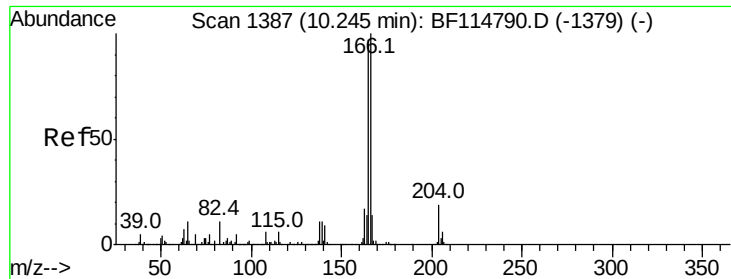
Abundance Ion 165.00 (164.70 to 165.70): E

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





#58

Fluorene

Concen: Below Cal

RT: 10.23 min Scan# 1385

Delta R.T. -0.01 min

Lab File: BF114835.D

Acq: 5 Jun 2019 23:00

Instrument :

BNA_F

ClientSampleId :

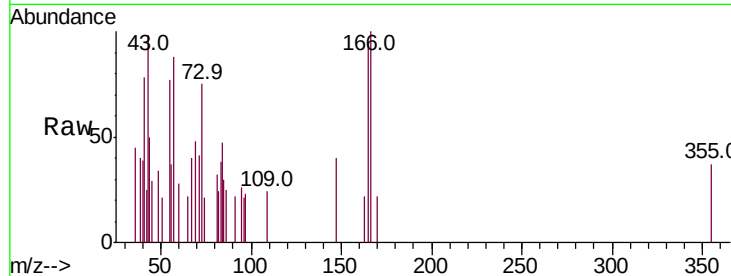
Tot Ion:166 Resp: 1424

Ion Ratio Lower Upper

166 100

165 93.9 77.9 116.9

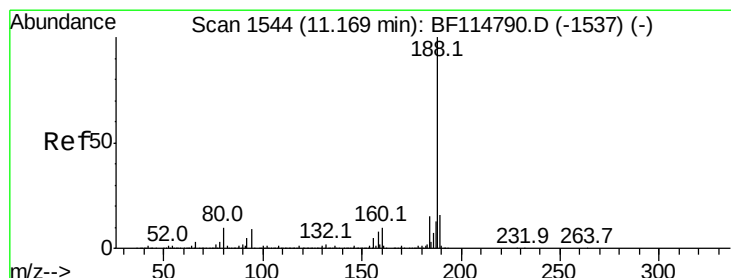
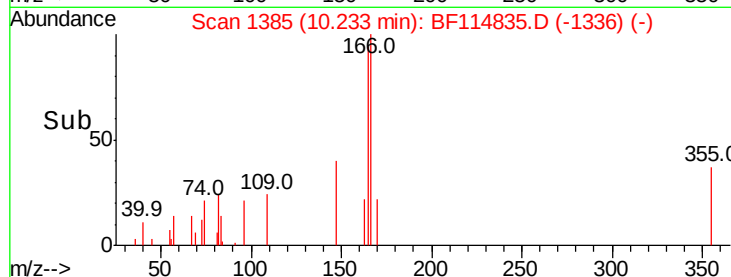
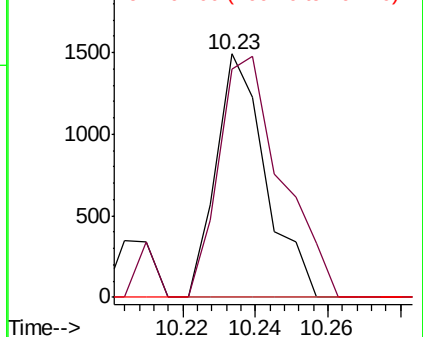
167 0.0 11.3 16.9#



Abundance Ion 166.00 (165.70 to 166.70): E

2000 Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.17 min Scan# 1544

Delta R.T. 0.00 min

Lab File: BF114835.D

Acq: 5 Jun 2019 23:00

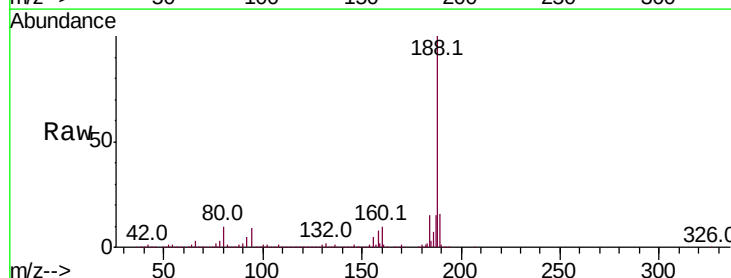
Tgt Ion:188 Resp: 1249736

Ion Ratio Lower Upper

188 100

94 9.4 7.6 11.4

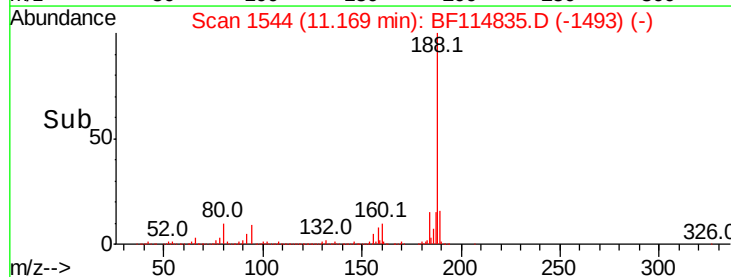
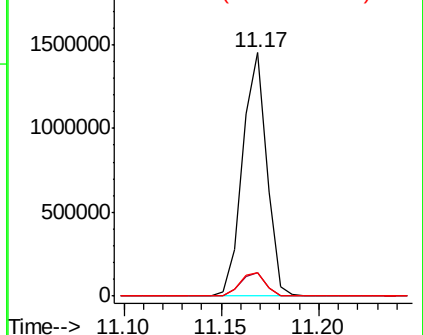
80 9.8 8.3 12.5

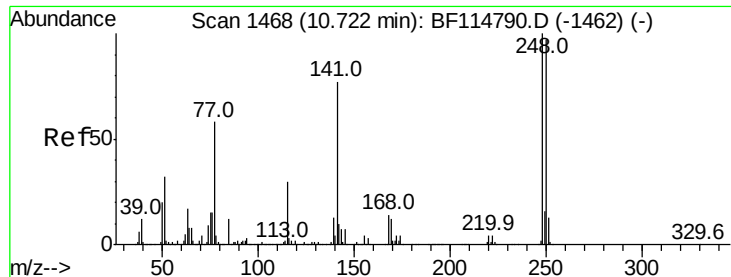


Abundance Ion 188.00 (187.70 to 188.70): E

2000000 Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

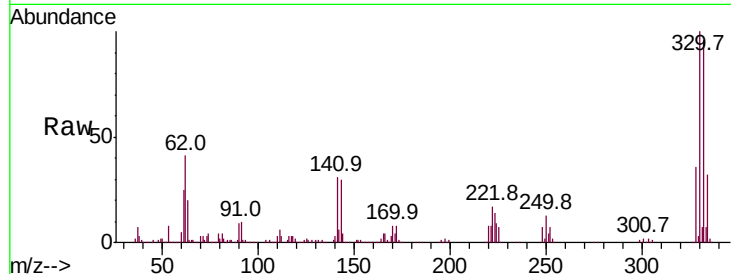




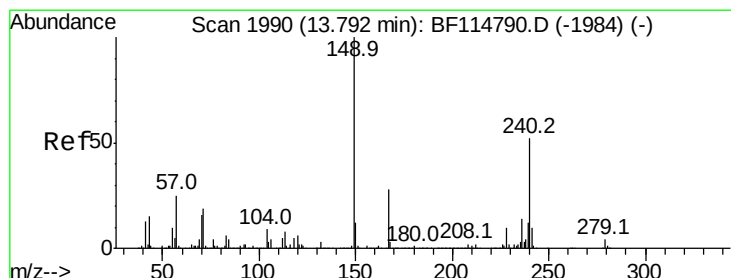
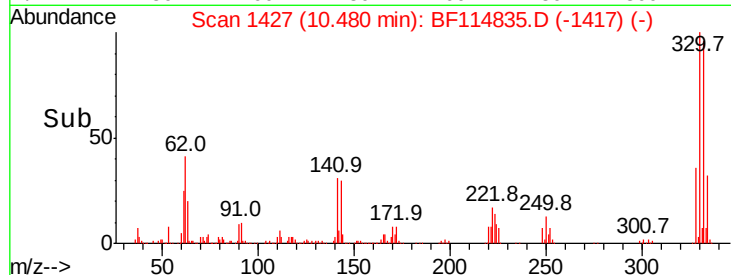
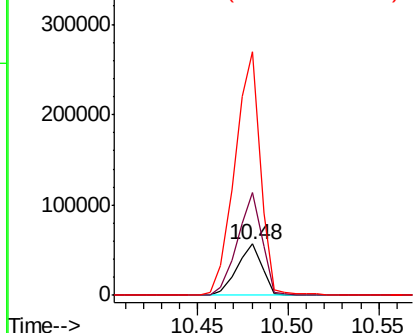
#67
 4-Bromophenyl-phenylether
 Concen: 3.816 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.24 min
 Lab File: BF114835.D
 Acq: 5 Jun 2019 23:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 54167
 Ion Ratio Lower Upper
 248 100
 250 201.5 77.5 116.3#
 141 477.2 61.8 92.8#

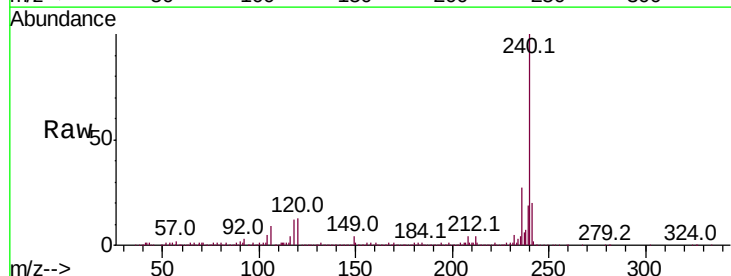


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

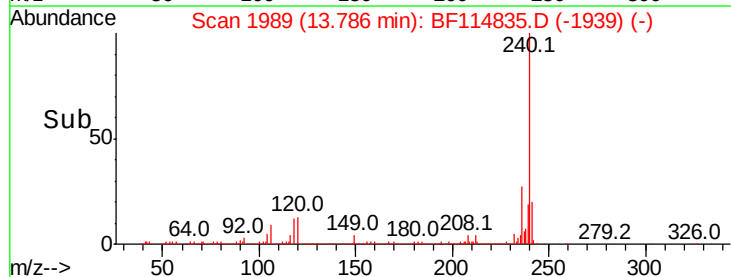
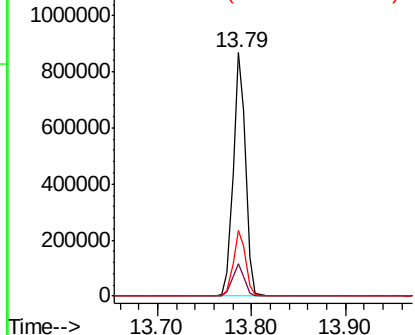


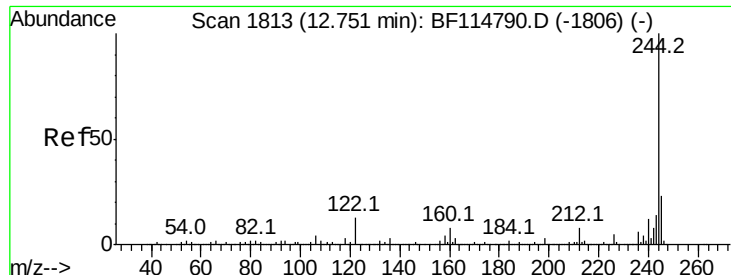
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.01 min
 Lab File: BF114835.D
 Acq: 5 Jun 2019 23:00

Tgt Ion:240 Resp: 786447
 Ion Ratio Lower Upper
 240 100
 120 13.1 9.0 13.4
 236 27.1 21.4 32.0



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: 70.625 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BF114835.D

Acq: 5 Jun 2019 23:00

Instrument :

BNA_F

ClientSampleId :

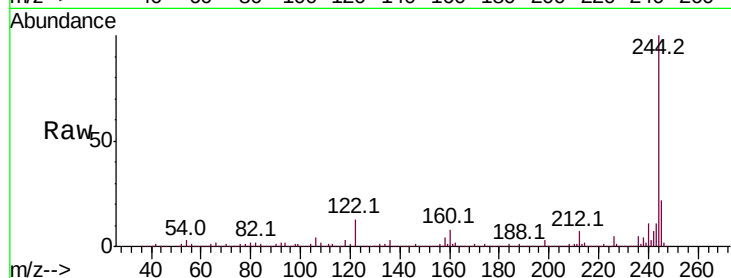
Tot Ion:244 Resp: 2856045

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

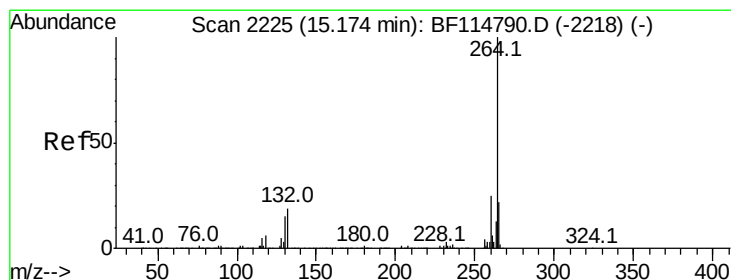
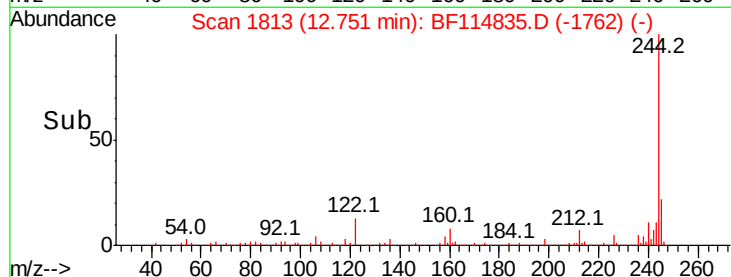
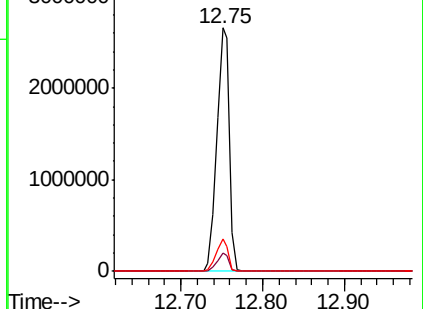
122 13.3 10.5 15.7



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: 15.17 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BF114835.D

Acq: 5 Jun 2019 23:00

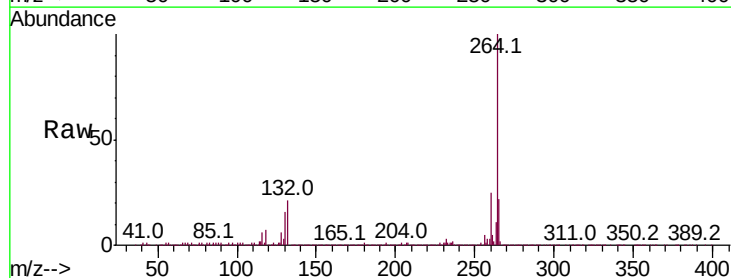
Tgt Ion:264 Resp: 886038

Ion Ratio Lower Upper

264 100

260 25.0 20.1 30.1

265 22.0 17.7 26.5



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

