

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041619\
 Data File : BF113786.D
 Acq On : 16 Apr 2019 11:35
 Operator : JU/SJ
 Sample : K2405-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 16 17:28:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 16 17:22:45 2019
 Response via : Initial Calibration

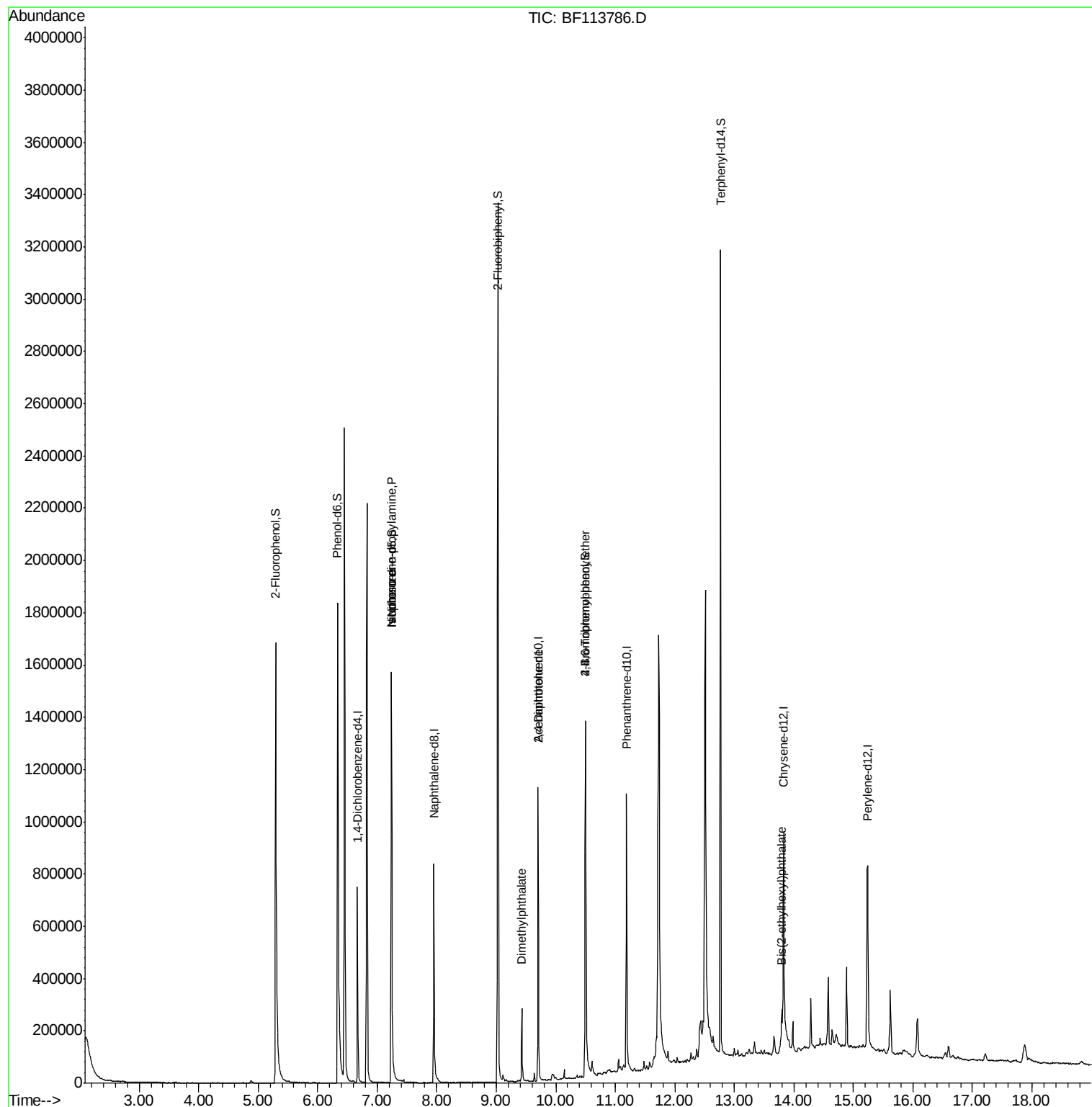
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	119399	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	447525	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	222053	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	435193	20.00	ng	0.00
76) Chrysene-d12	13.83	240	294360	20.00	ng	0.00
87) Perylene-d12	15.24	264	288208	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	736099	105.13	ng	0.00
7) Phenol-d6	6.33	99	993839	115.16	ng	0.00
23) Nitrobenzene-d5	7.24	82	576480	75.45	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	238750	89.51	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1111116	80.56	ng	0.00
79) Terphenyl-d14	12.77	244	1109035	76.71	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.24	70	74127	13.930	ng	# 76
25) Isophorone	7.24	82	576476	39.169	ng	# 64
50) Dimethylphthalate	9.43	163	124172	7.586	ng	98
57) 2,4-Dinitrotoluene	9.70	165	28320	6.490	ng	# 28
67) 4-Bromophenyl-phenylether	10.50	248	12903	2.644	ng	# 1
84) Bis(2-ethylhexyl)phthalate	13.80	149	24681	2.239	ng	99

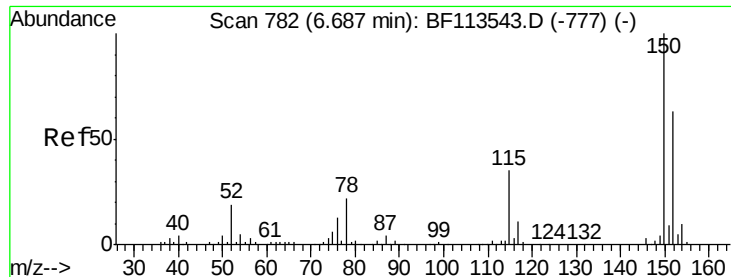
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041619\
Data File : BF113786.D
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Sample : K2405-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

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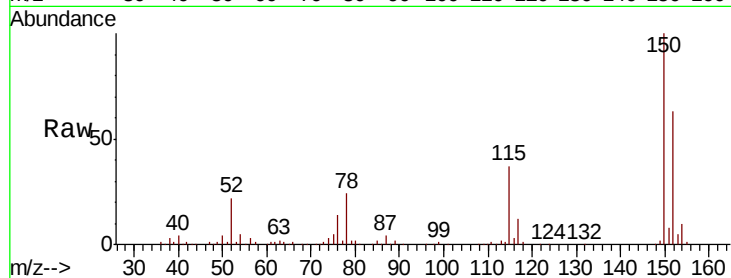


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.67 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF113786.D
 Acq: 16 Apr 2019 11:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	125.1	187.7
115	58.0	43.9	65.9

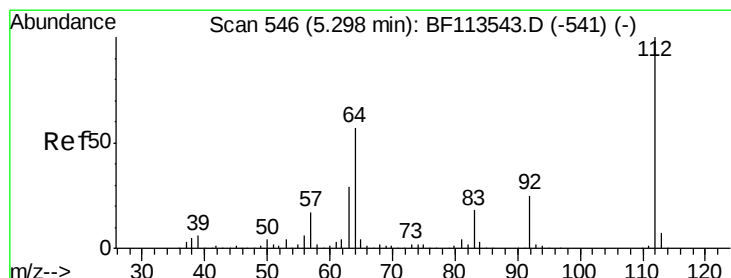
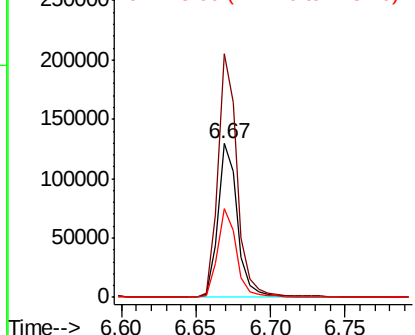
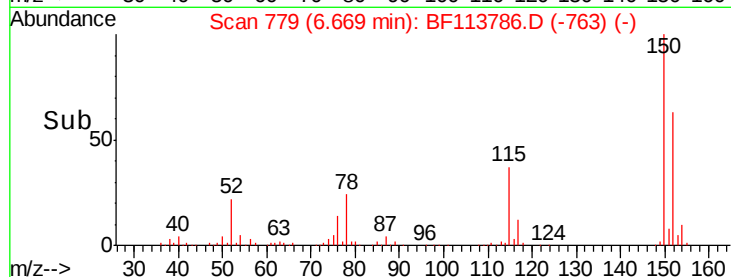


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

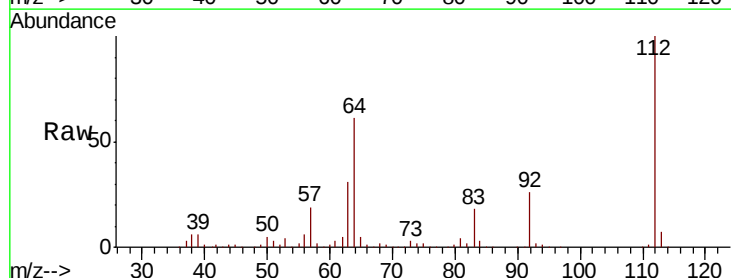
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 105.128 ng
 RT: 5.29 min Scan# 545
 Delta R.T. -0.00 min
 Lab File: BF113786.D
 Acq: 16 Apr 2019 11:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	49.0	73.4
63	30.8	24.2	36.4

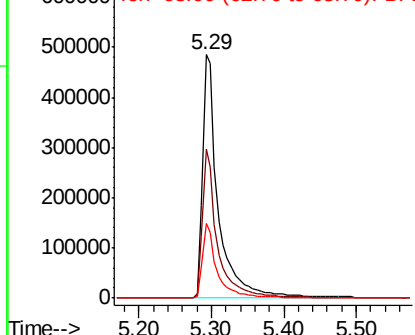
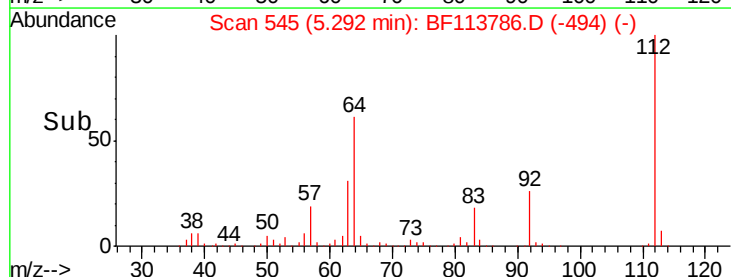


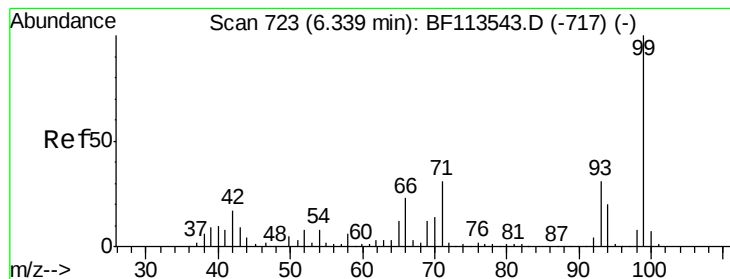
Abundance

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: 115.162 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113786.D

Acq: 16 Apr 2019 11:35

Instrument :

BNA_F

ClientSampled :

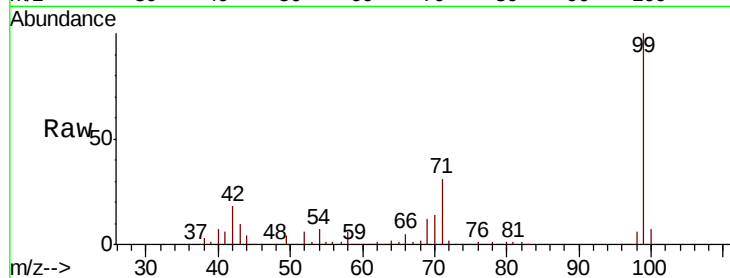
Tot Ion: 99 Resp: 993839

Ion Ratio Lower Upper

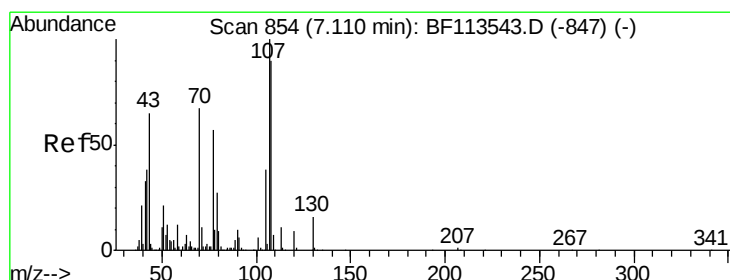
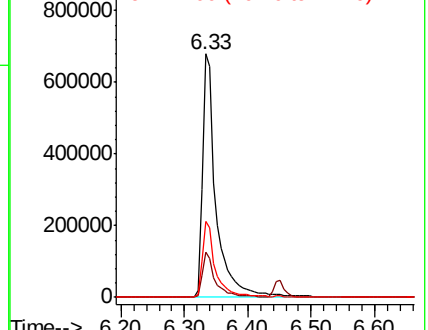
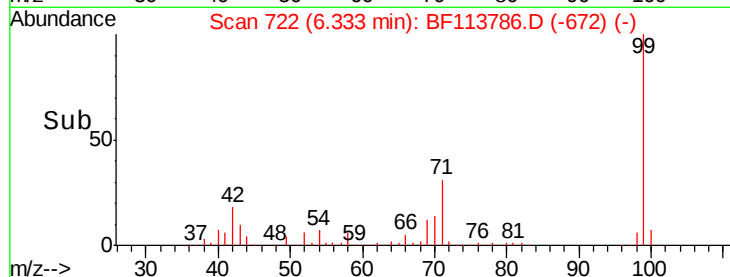
99 100

42 18.4 15.2 22.8

71 31.3 25.4 38.2



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: 13.930 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.14 min

Lab File: BF113786.D

Acq: 16 Apr 2019 11:35

Tgt Ion: 70 Resp: 74127

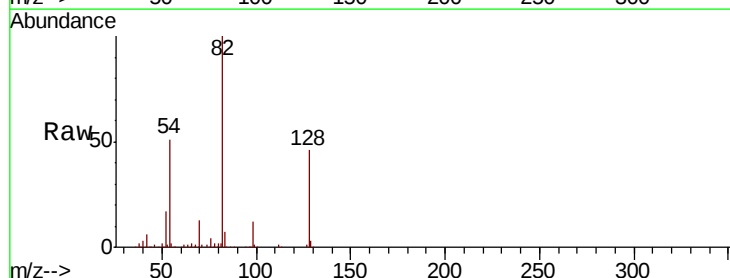
Ion Ratio Lower Upper

70 100

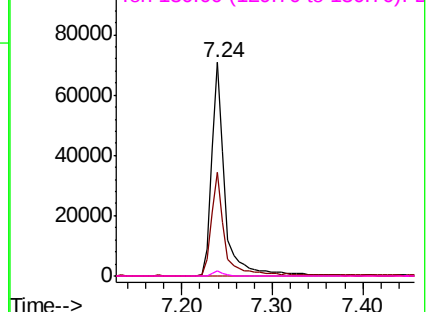
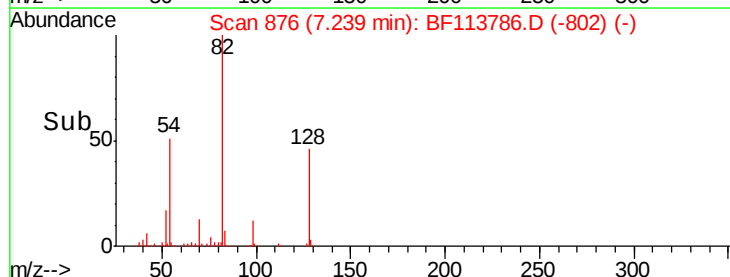
42 48.5 49.0 73.6#

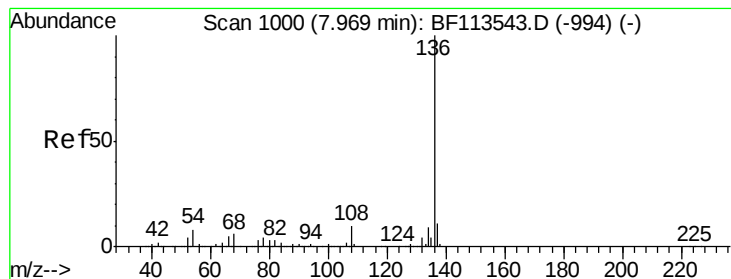
101 0.0 7.8 11.6#

130 2.3 17.8 26.6#



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# 997

Delta R.T. -0.01 min

Lab File: BF113786.D

Acq: 16 Apr 2019 11:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 447525

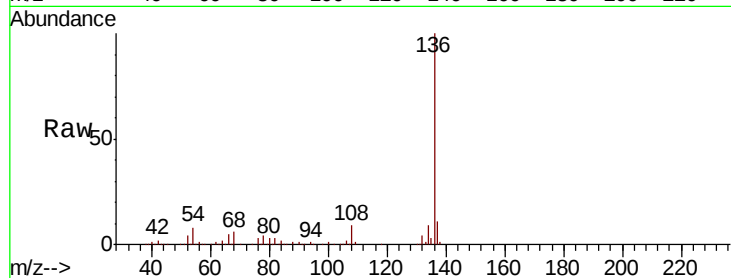
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 8.3 6.4 9.6

68 5.9 4.6 7.0

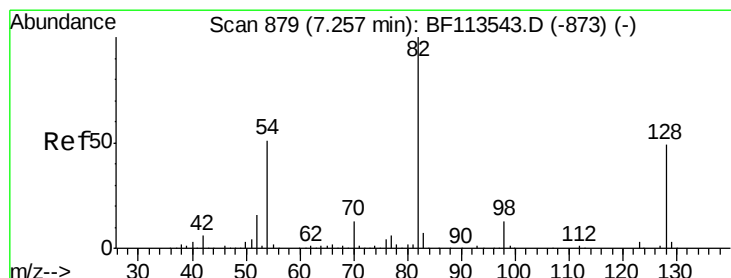
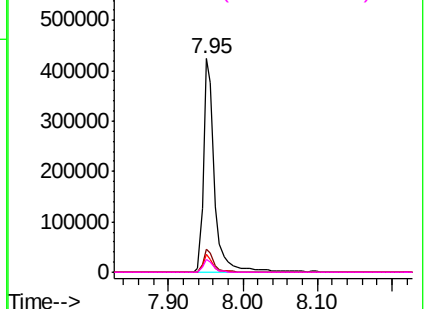
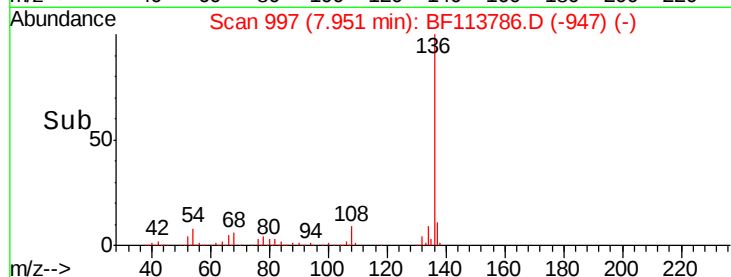


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.454 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF113786.D

Acq: 16 Apr 2019 11:35

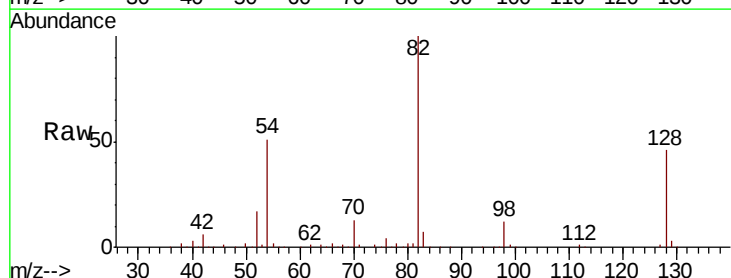
Tgt Ion: 82 Resp: 576480

Ion Ratio Lower Upper

82 100

128 46.3 38.2 57.2

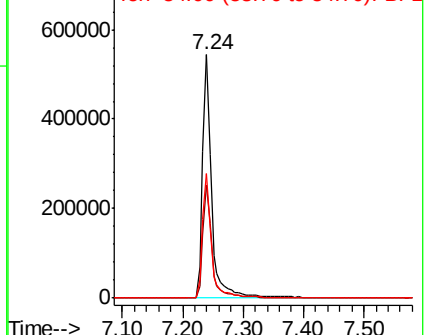
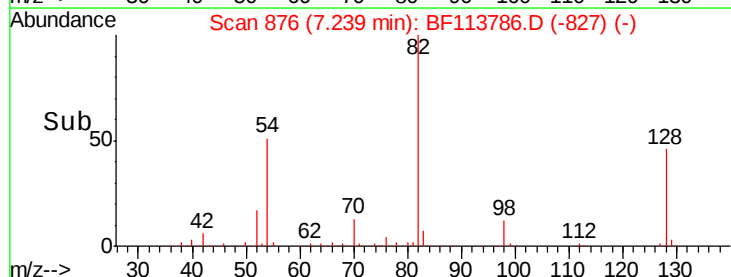
54 51.2 41.0 61.4

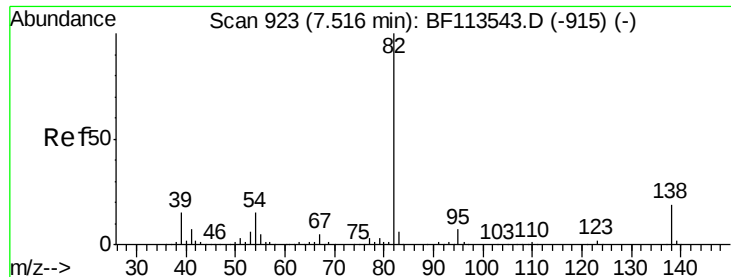


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 39.169 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.27 min

Lab File: BF113786.D

Acq: 16 Apr 2019 11:35

Instrument :

BNA_F

ClientSampleId :

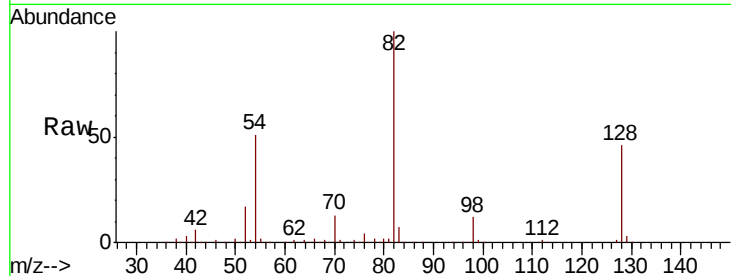
Tot Ion: 82 Resp: 576476

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

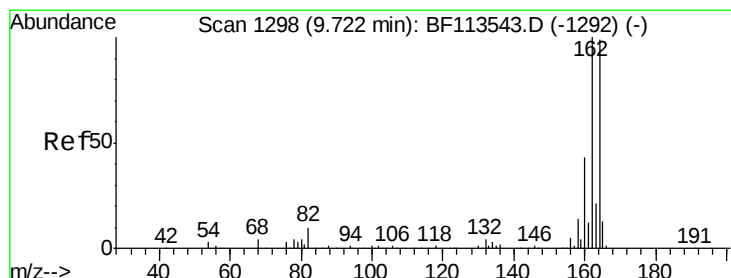
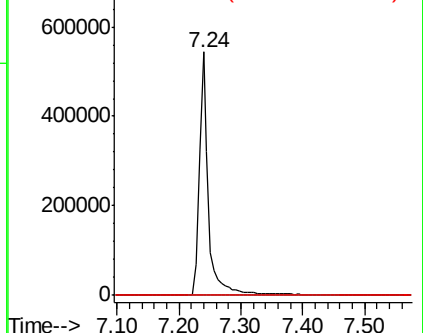
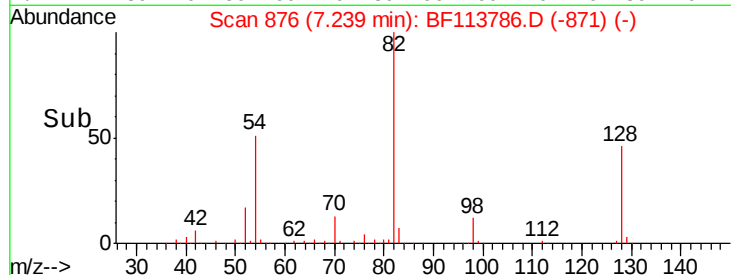
138 0.0 15.1 22.7#



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: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF113786.D

Acq: 16 Apr 2019 11:35

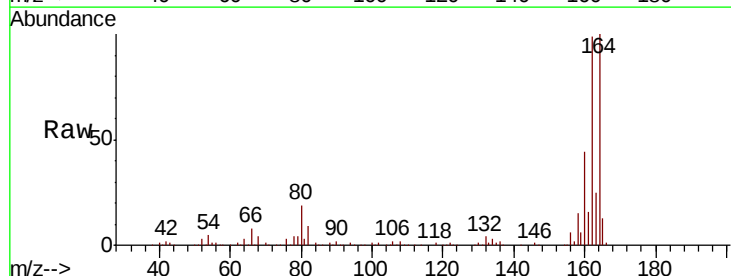
Tgt Ion:164 Resp: 222053

Ion Ratio Lower Upper

164 100

162 98.8 80.2 120.2

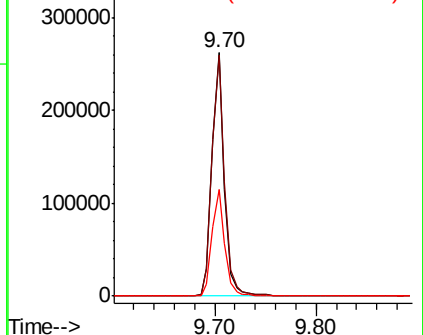
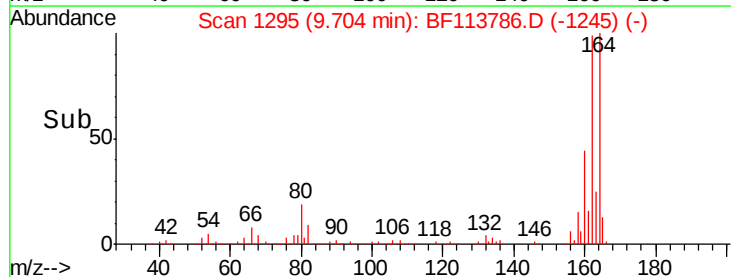
160 43.8 35.8 53.6

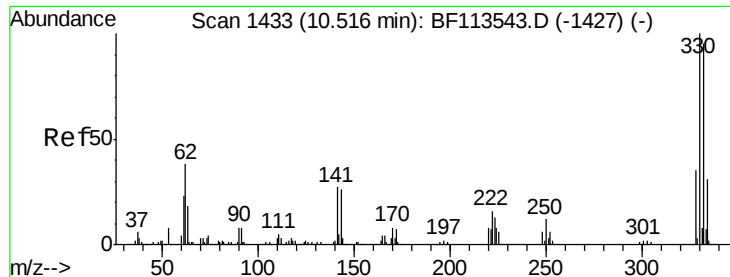


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

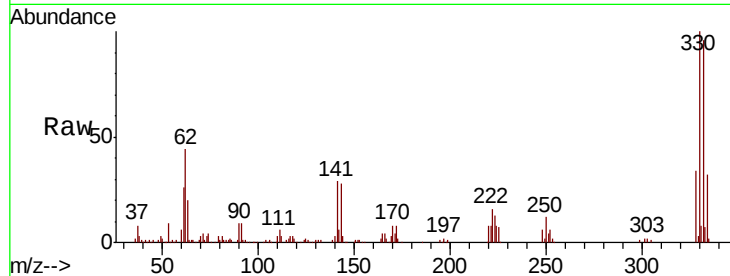




#42
 2,4,6-Tribromophenol
 Concen: 89.507 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: BF113786.D
 Acq: 16 Apr 2019 11:35

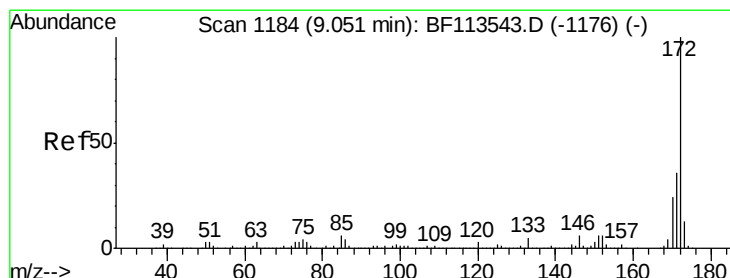
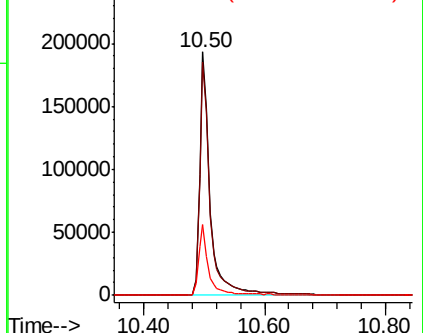
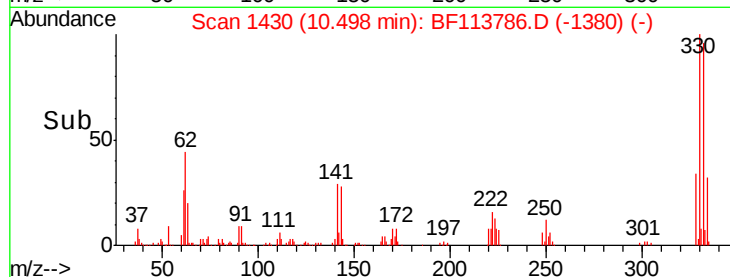
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.8	115.2
141	27.5	21.0	31.4



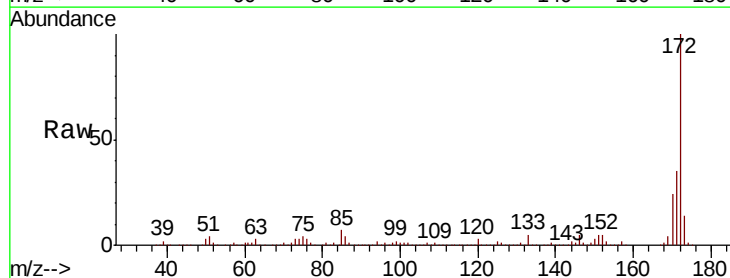
Abundance

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



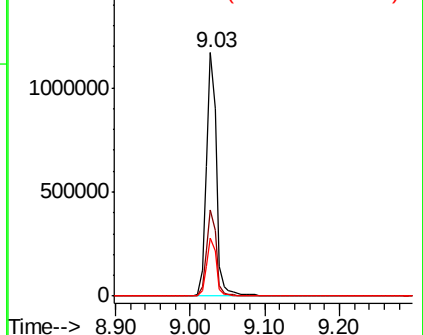
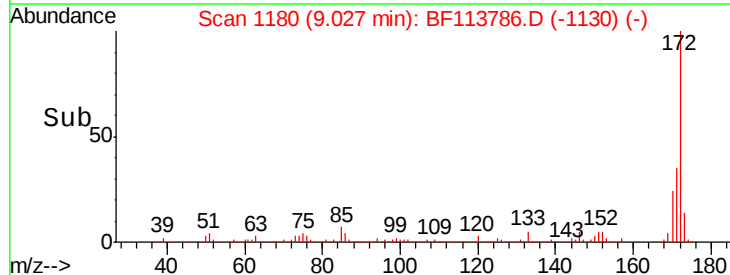
#45
 2-Fluorobiphenyl
 Concen: 80.556 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF113786.D
 Acq: 16 Apr 2019 11:35

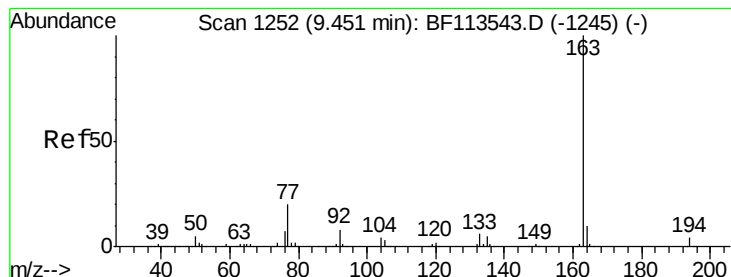
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.3	43.9
170	24.1	19.6	29.4



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: 7.586 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF113786.D

Acq: 16 Apr 2019 11:35

Instrument :

BNA_F

ClientSampleId :

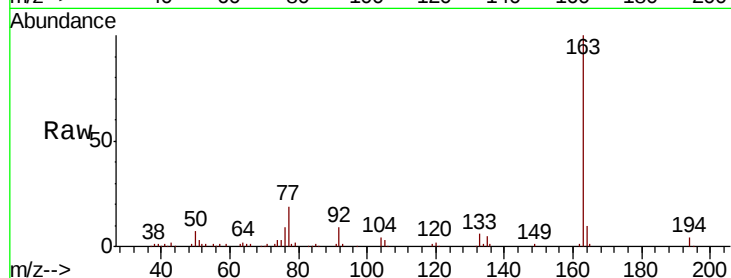
Tot Ion:163 Resp: 124172

Ion Ratio Lower Upper

163 100

194 3.6 3.1 4.7

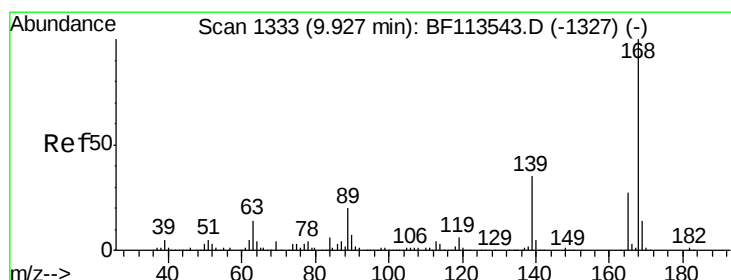
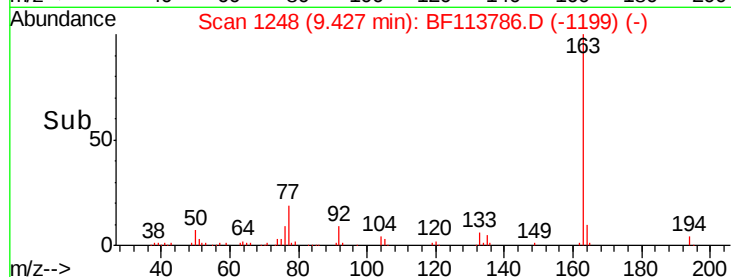
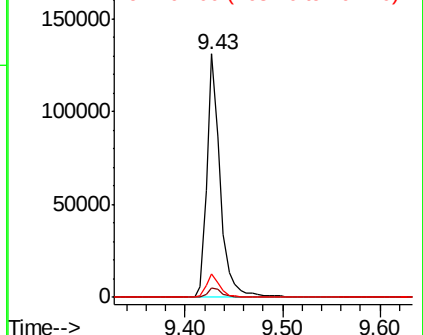
164 9.6 8.3 12.5



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: 6.490 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.22 min

Lab File: BF113786.D

Acq: 16 Apr 2019 11:35

Tgt Ion:165 Resp: 28320

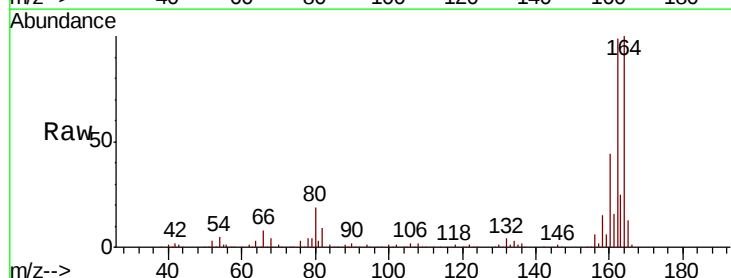
Ion Ratio Lower Upper

165 100

63 1.4 32.2 48.2#

89 1.1 51.3 76.9#

182 0.0 2.0 3.0#

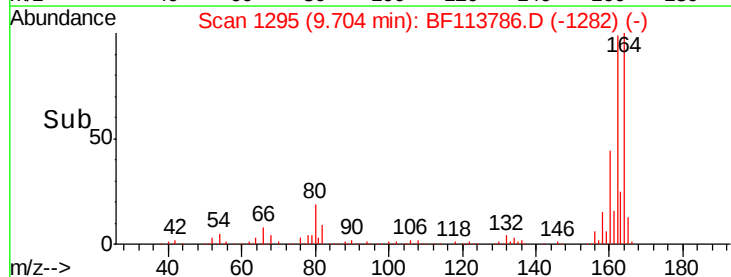
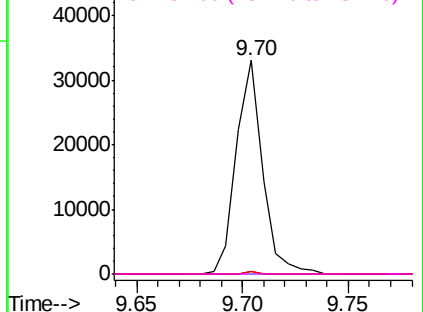


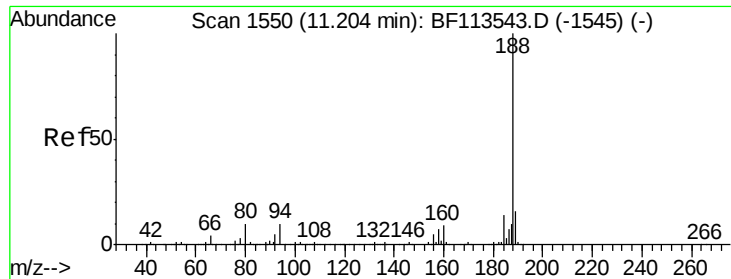
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.19 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BF113786.D

Acq: 16 Apr 2019 11:35

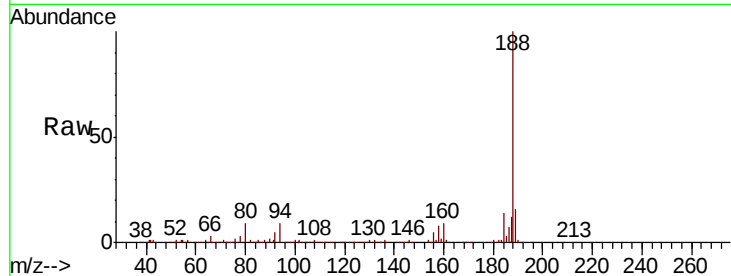
Instrument :

BNA_F

ClientSampleId :

Tot Ion:188 Resp: 435193

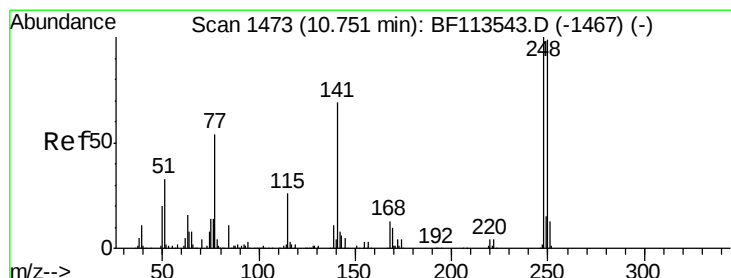
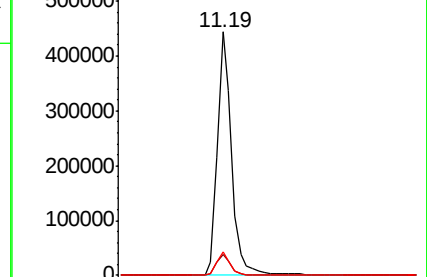
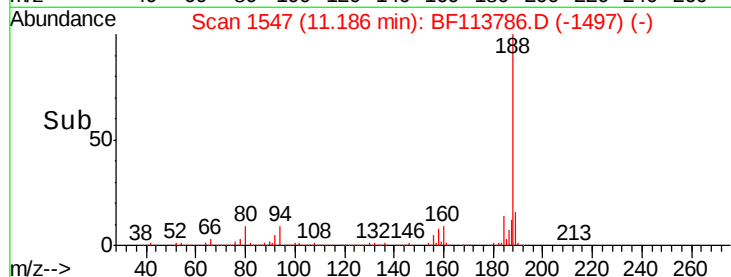
Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	9.4	7.4	11.2



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: 2.644 ng

RT: 10.50 min Scan# 1430

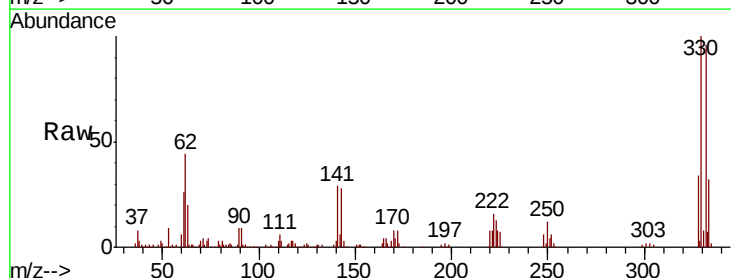
Delta R.T. -0.24 min

Lab File: BF113786.D

Acq: 16 Apr 2019 11:35

Tgt Ion:248 Resp: 12903

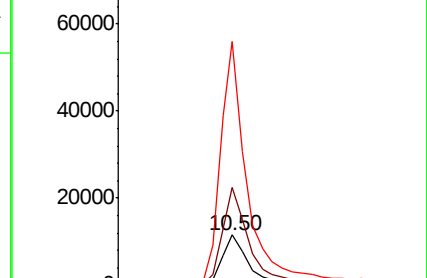
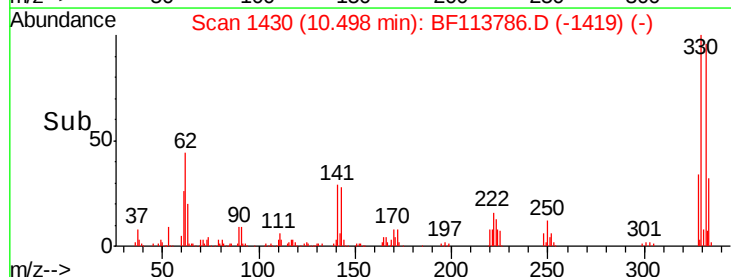
Ion	Ratio	Lower	Upper
248	100		
250	194.0	77.8	116.6#
141	486.3	55.3	82.9#

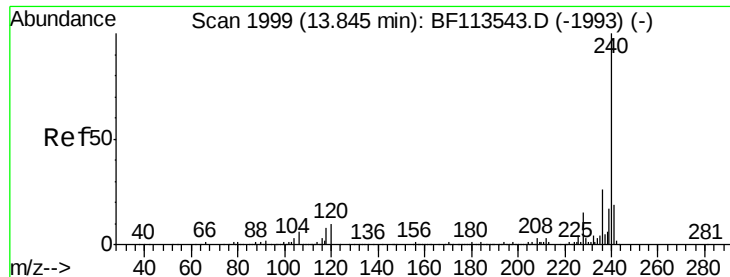


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF113786.D

Acq: 16 Apr 2019 11:35

Instrument :

BNA_F

ClientSampleId :

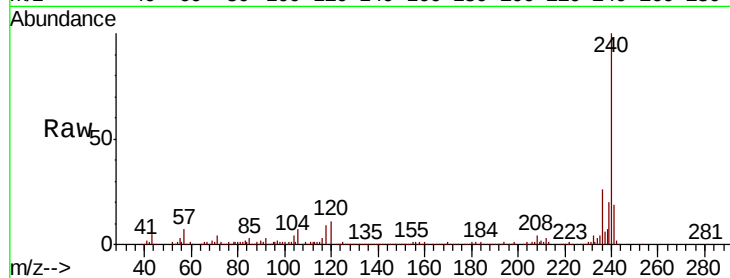
Tot Ion:240 Resp: 294360

Ion Ratio Lower Upper

240 100

120 10.6 8.5 12.7

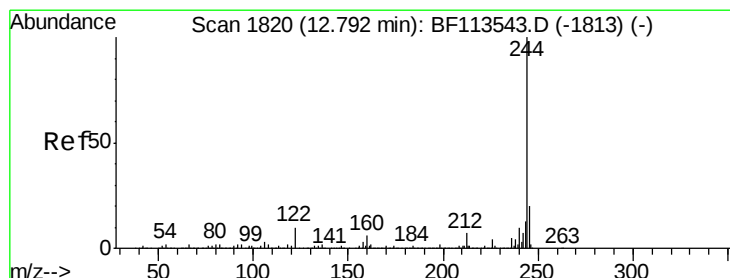
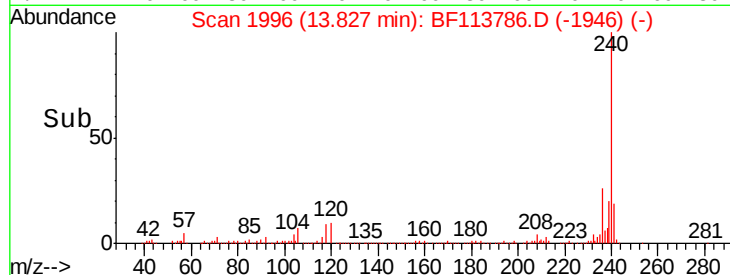
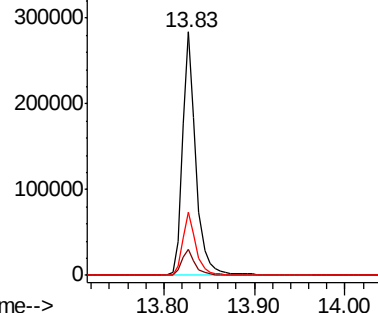
236 25.9 21.0 31.6



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: 76.709 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF113786.D

Acq: 16 Apr 2019 11:35

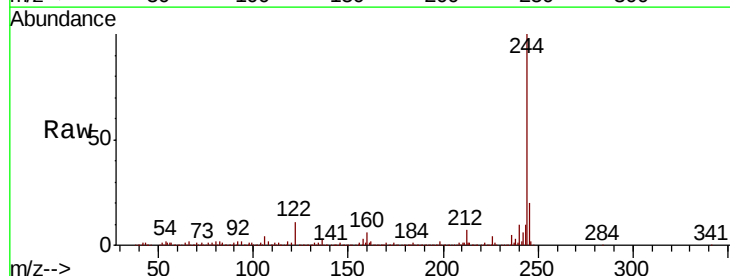
Tgt Ion:244 Resp: 1109035

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

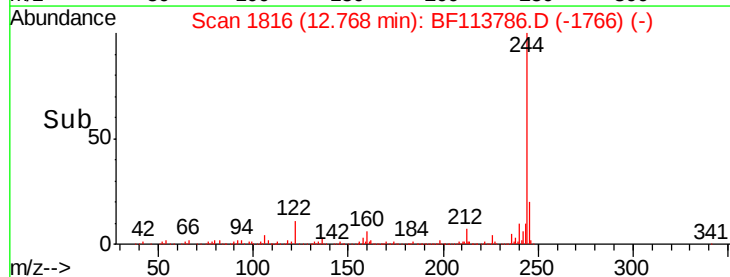
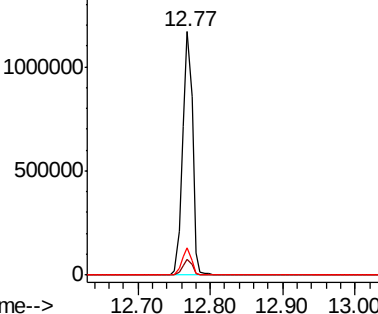
122 11.0 9.0 13.6

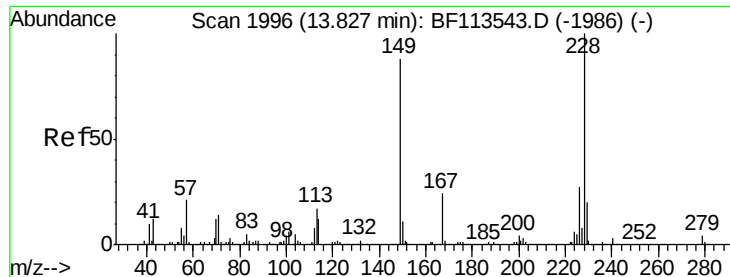


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.239 ng

RT: 13.80 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BF113786.D

Acq: 16 Apr 2019 11:35

Instrument :

BNA_F

ClientSampleId :

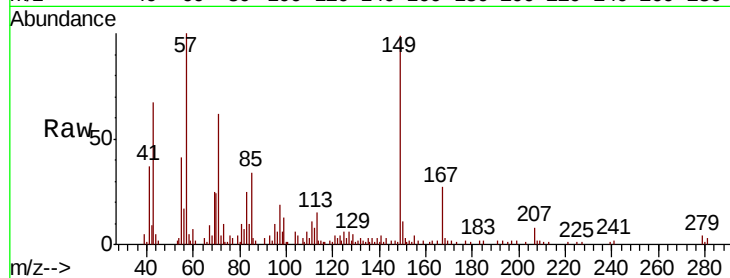
Tot Ion:149 Resp: 24681

Ion Ratio Lower Upper

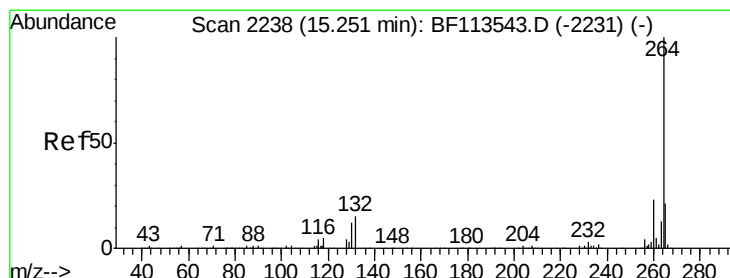
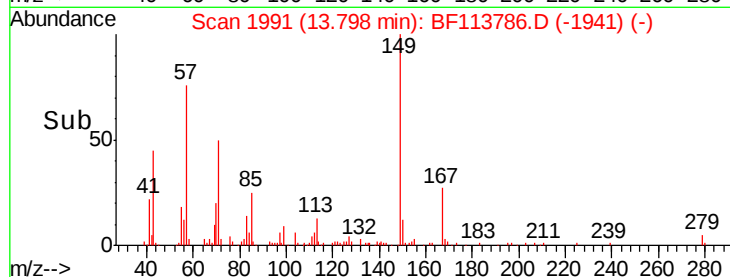
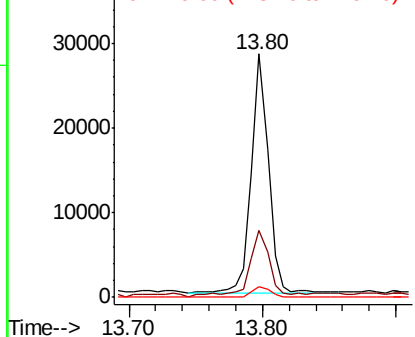
149 100

167 27.6 22.6 34.0

279 4.5 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BF113786.D

Acq: 16 Apr 2019 11:35

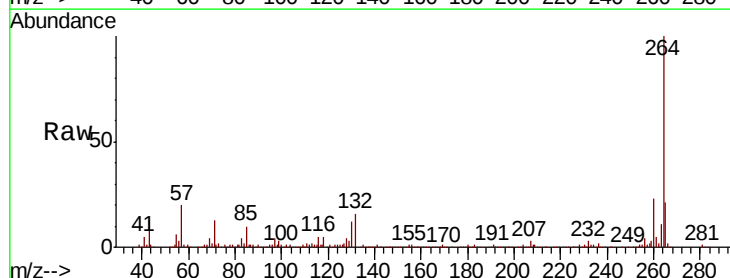
Tgt Ion:264 Resp: 288208

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.6

265 20.8 17.4 26.0



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

