

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
 Data File : BF114997.D
 Acq On : 13 Jun 2019 12:31
 Operator : HP/JU
 Sample : K3294-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S1(5-10)

Quant Time: Jun 13 17:32:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

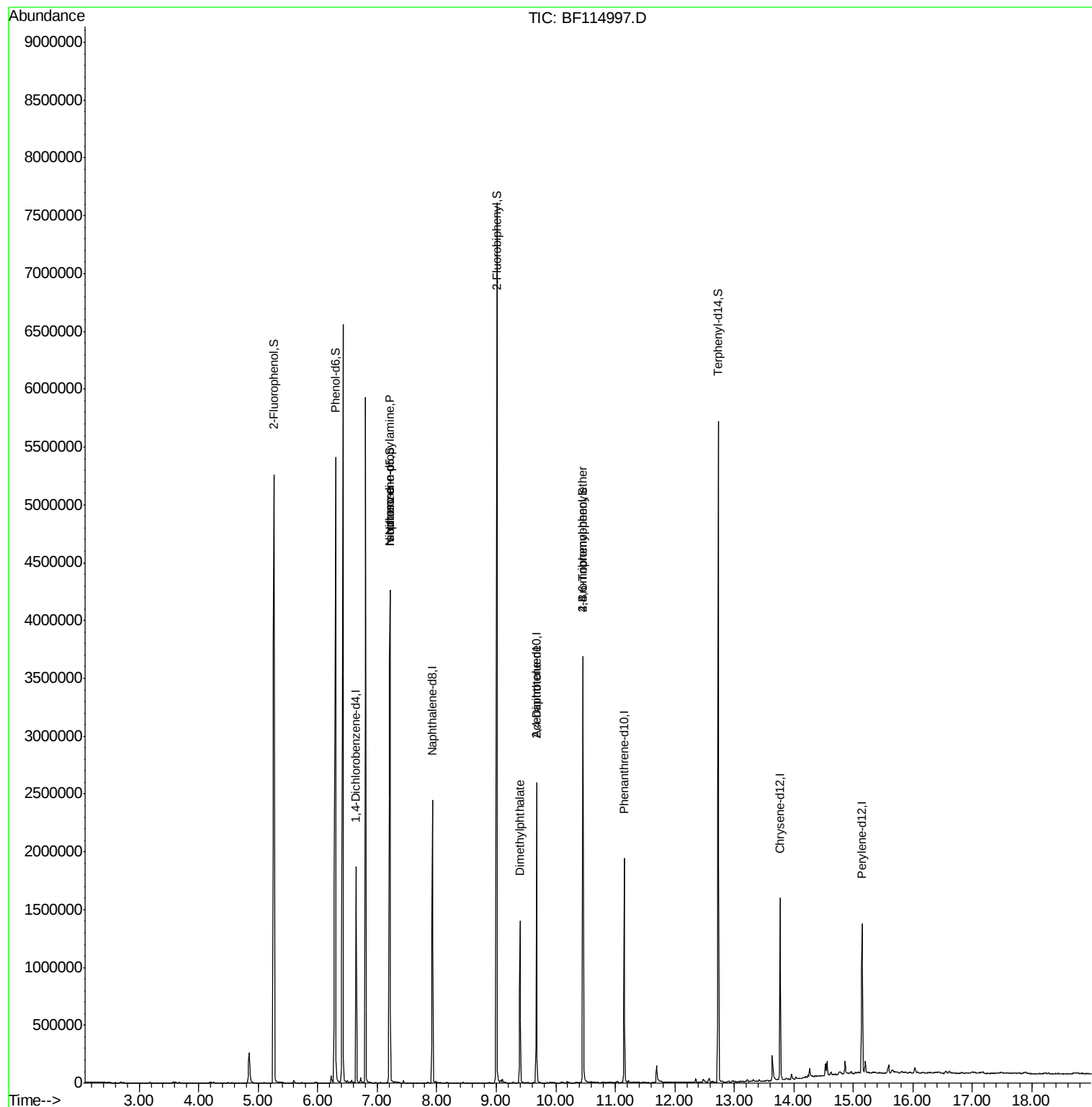
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	282235	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1053472	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	473912	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	756619	20.00	ng	0.00
76) Chrysene-d12	13.77	240	492041	20.00	ng	-0.01
87) Perylene-d12	15.14	264	518756	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1909127	112.95	ng	0.00
7) Phenol-d6	6.30	99	2564564	125.78	ng	0.00
23) Nitrobenzene-d5	7.22	82	1579127	90.23	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	495312	97.60	ng	0.00
45) 2-Fluorobiphenyl	9.01	172	2599788	92.98	ng	0.00
79) Terphenyl-d14	12.73	244	2002705	76.56	ng	0.00
Target Compounds						
9) Benzaldehyde	6.30	77	3751	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.22	70	208079	16.797 ng	#	76
25) Isophorone	7.22	82	1563597	47.700 ng	#	62
50) Dimethylphthalate	9.40	163	513943	14.420 ng		98
57) 2,4-Dinitrotoluene	9.67	165	62344	6.059 ng	#	29
58) Fluorene	10.22	166	695	Below Cal	#	64
67) 4-Bromophenyl-phenylether	10.46	248	31654	3.896 ng	#	1

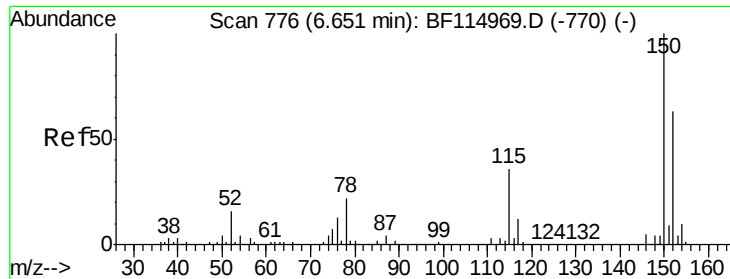
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 13 17:32:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 15:42:37 2019
Response via : Initial Calibration



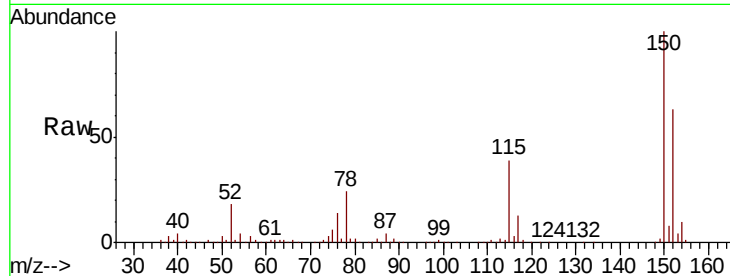


#1

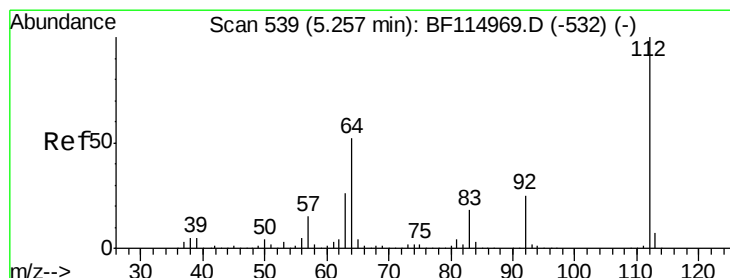
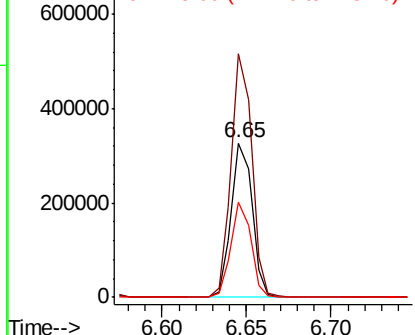
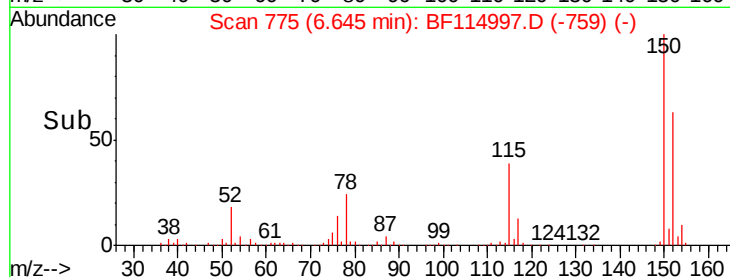
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF114997.D
Acq: 13 Jun 2019 12:31

Instrument :
BNA_F
ClientSampleId :
S1(5-10)

Tot Ion:152 Resp: 282235
Ion Ratio Lower Upper
152 100
150 157.9 127.4 191.0
115 61.9 46.0 69.0



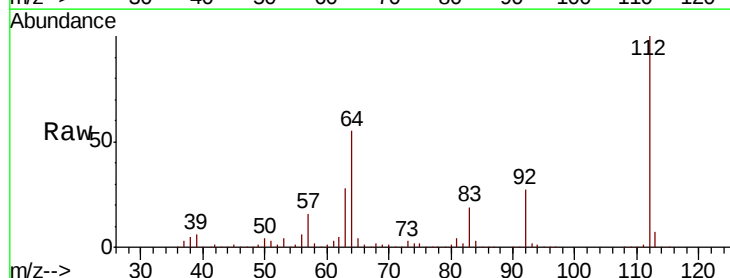
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



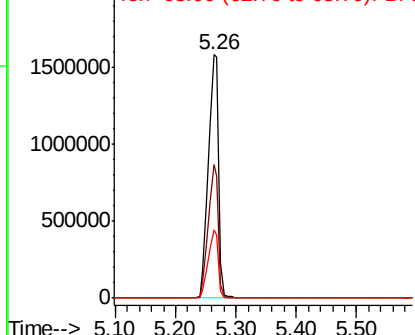
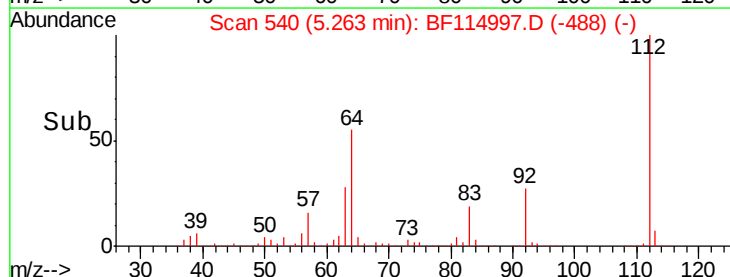
#5

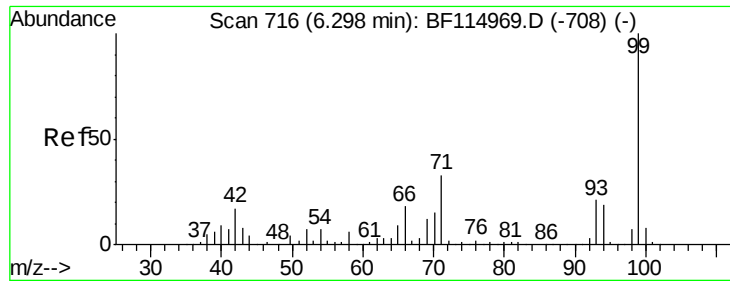
2-Fluorophenol
Concen: 112.950 ng
RT: 5.26 min Scan# 540
Delta R.T. 0.01 min
Lab File: BF114997.D
Acq: 13 Jun 2019 12:31

Tgt Ion:112 Resp: 1909127
Ion Ratio Lower Upper
112 100
64 54.9 41.6 62.4
63 28.1 20.9 31.3



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: 125.781 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF114997.D

Acq: 13 Jun 2019 12:31

Instrument :

BNA_F

ClientSampleId :

S1(5-10)

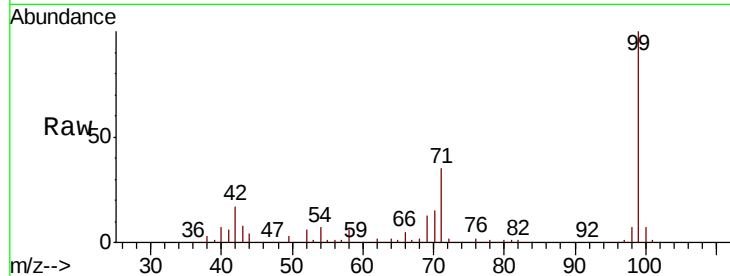
Tot Ion: 99 Resp: 2564564

Ion Ratio Lower Upper

99 100

42 16.9 13.4 20.2

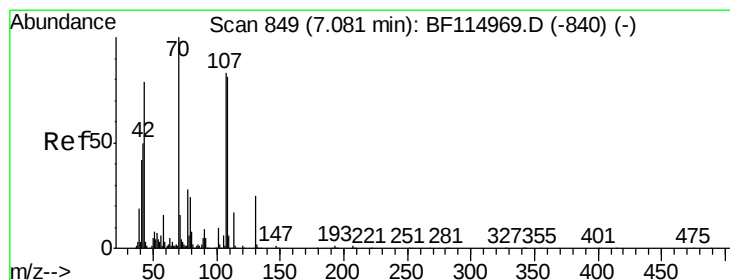
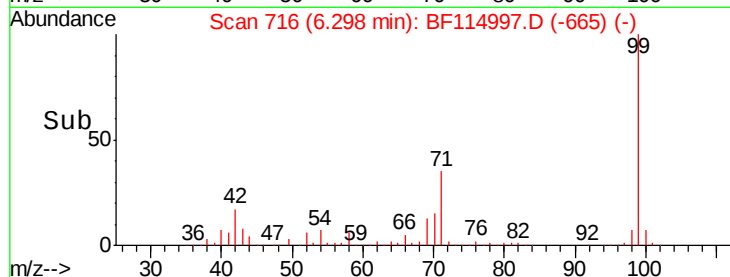
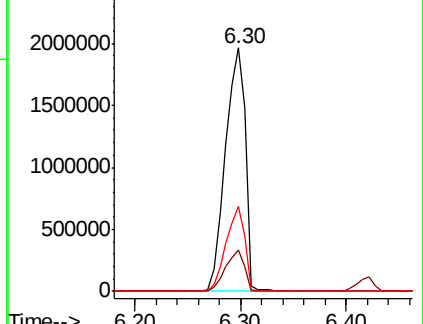
71 35.1 26.4 39.6



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: 16.797 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.14 min

Lab File: BF114997.D

Acq: 13 Jun 2019 12:31

Tgt Ion: 70 Resp: 208079

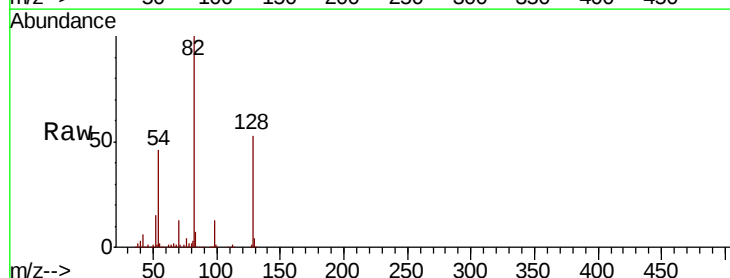
Ion Ratio Lower Upper

70 100

42 41.4 40.3 60.5

101 0.0 8.2 12.4#

130 2.3 20.3 30.5#

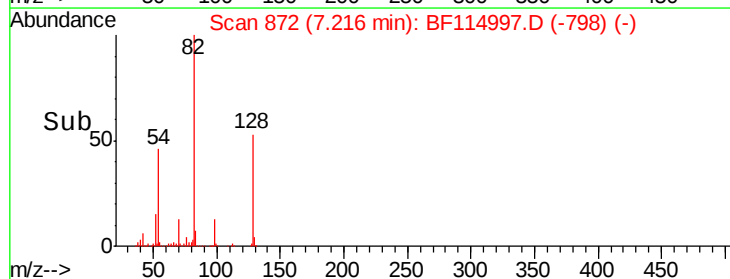
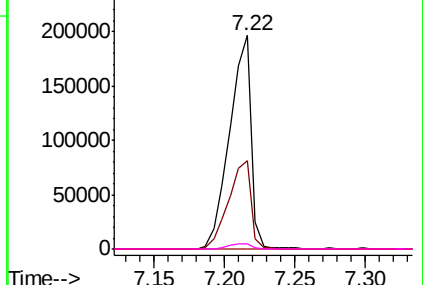


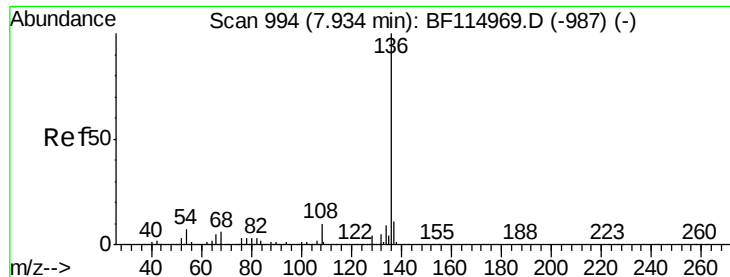
Abundance Ion 70.00 (69.70 to 70.70): BF1

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



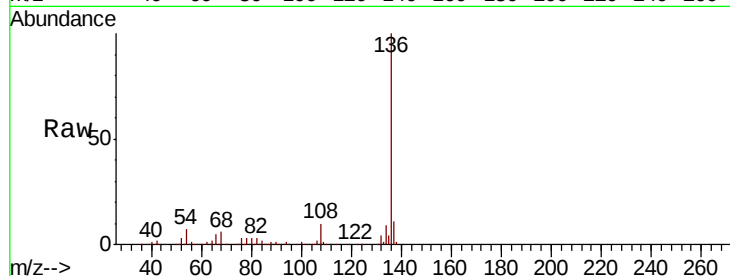


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF114997.D
Acq: 13 Jun 2019 12:31

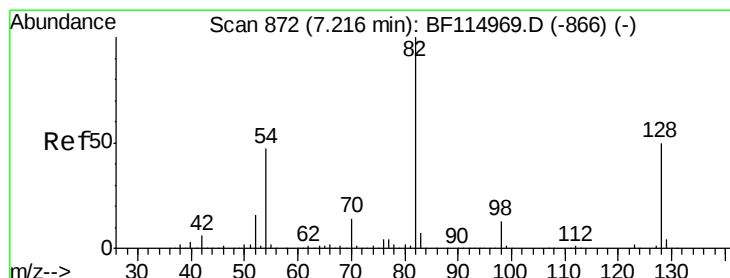
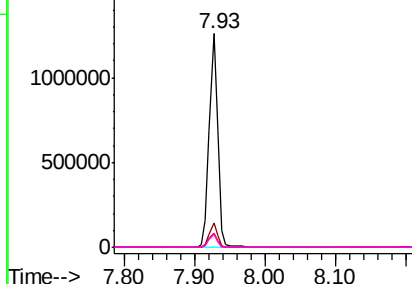
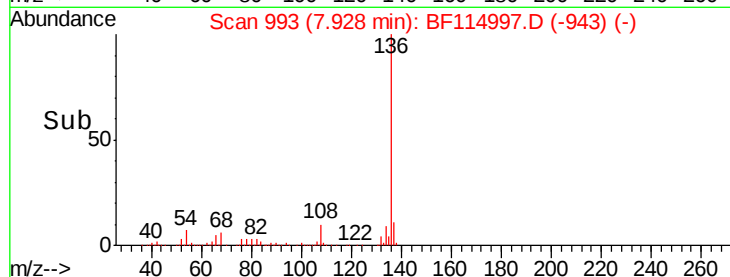
Instrument :
BNA_F
ClientSampleId :
S1(5-10)

Tot Ion:136 Resp: 1053472

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	6.7	5.4	8.0
68	5.9	4.6	7.0



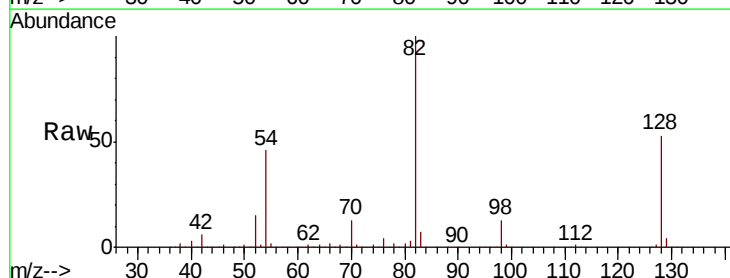
Abundance Ion 136.00 (135.70 to 136.70): E
2000000 Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



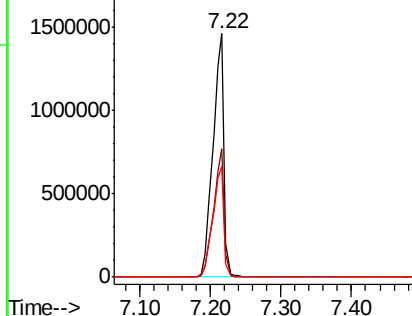
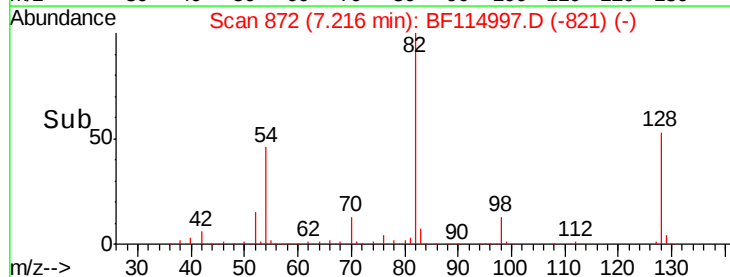
#23
Nitrobenzene-d5
Concen: 90.226 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF114997.D
Acq: 13 Jun 2019 12:31

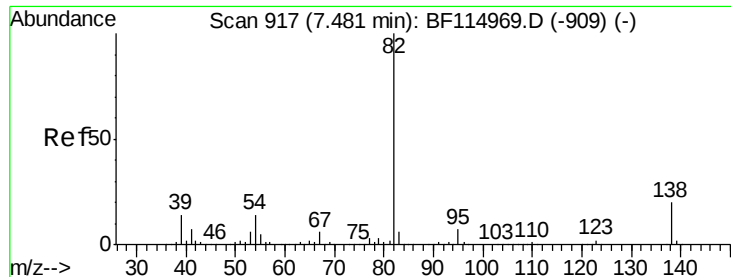
Tgt Ion: 82 Resp: 1579127

Ion	Ratio	Lower	Upper
82	100		
128	52.7	39.9	59.9
54	45.5	37.3	55.9



Abundance Ion 82.00 (81.70 to 82.70): BF1
2000000 Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 47.700 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.26 min

Lab File: BF114997.D

Acq: 13 Jun 2019 12:31

Instrument :

BNA_F

ClientSampleId :

S1(5-10)

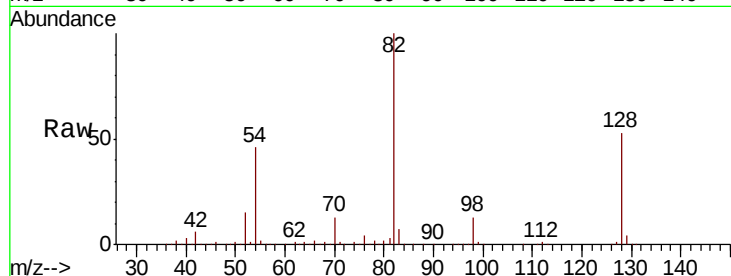
Tot Ion: 82 Resp: 1563597

Ion Ratio Lower Upper

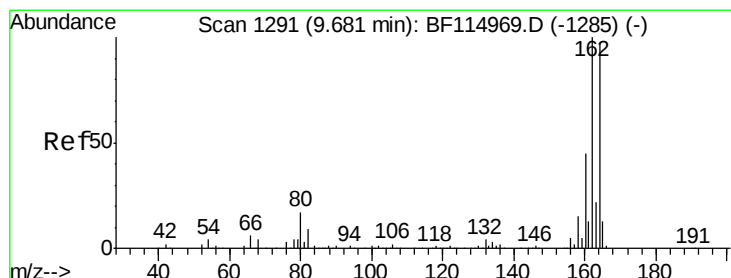
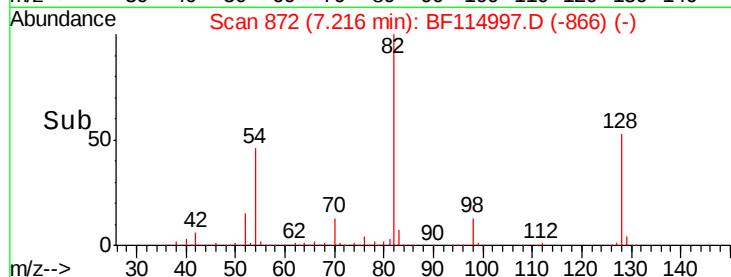
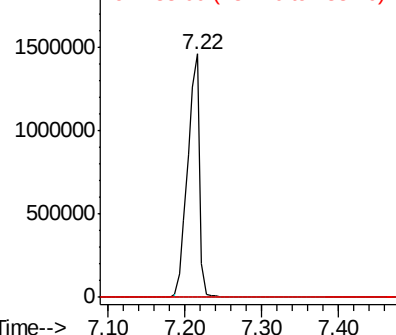
82 100

95 0.0 5.6 8.4#

138 0.0 16.1 24.1#



Abundance Ion 82.00 (81.70 to 82.70): BF1
2000000
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF114997.D

Acq: 13 Jun 2019 12:31

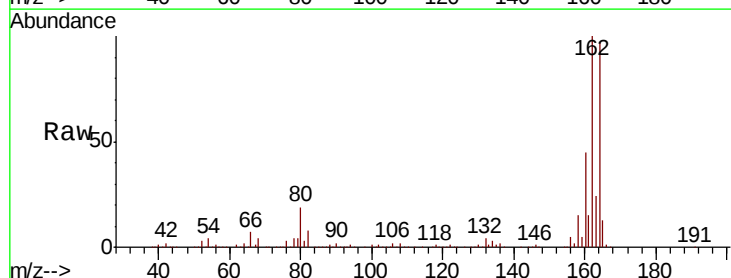
Tgt Ion:164 Resp: 473912

Ion Ratio Lower Upper

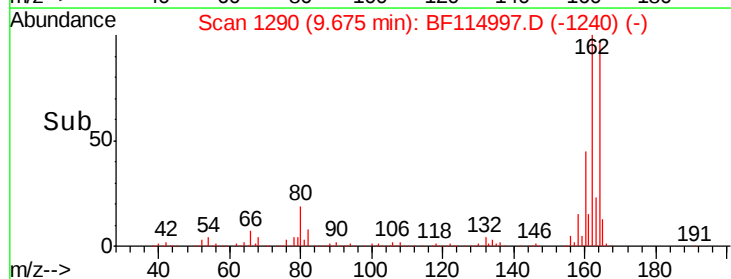
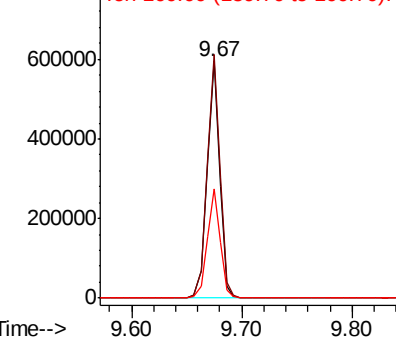
164 100

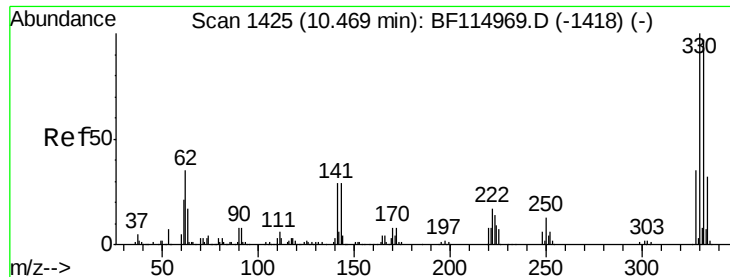
162 102.7 82.6 124.0

160 45.9 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
800000
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 97.600 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF114997.D

Acq: 13 Jun 2019 12:31

Instrument :

BNA_F

ClientSampleId :

S1(5-10)

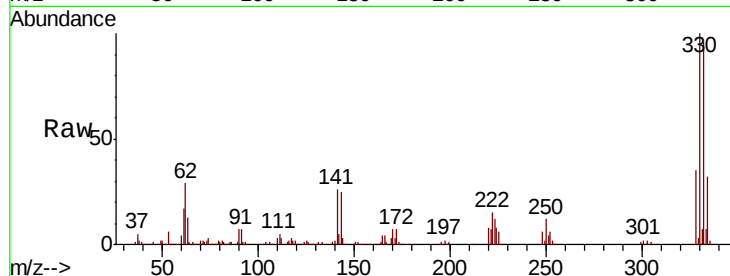
Tot Ion:330 Resp: 495312

Ion Ratio Lower Upper

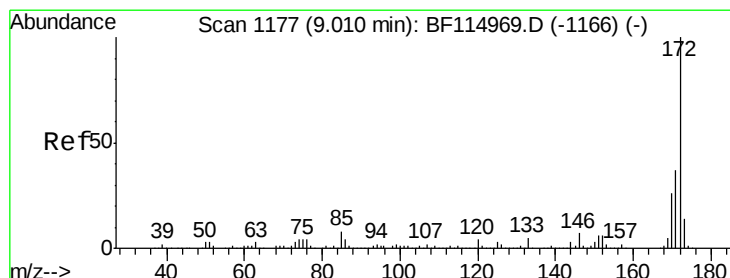
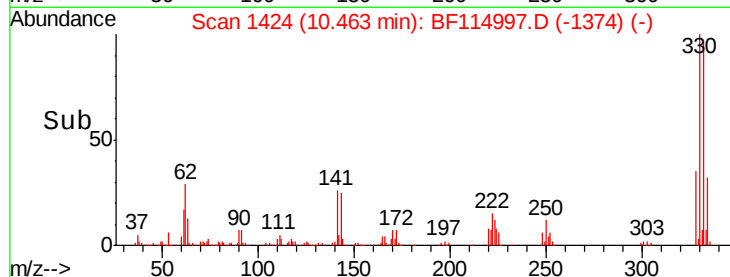
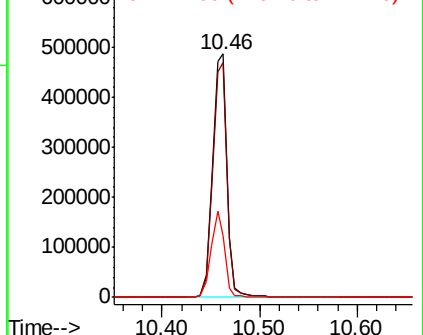
330 100

332 96.1 77.6 116.4

141 33.3 27.2 40.8



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: 92.975 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BF114997.D

Acq: 13 Jun 2019 12:31

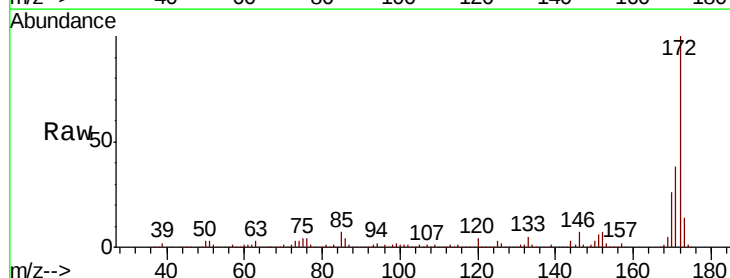
Tgt Ion:172 Resp: 2599788

Ion Ratio Lower Upper

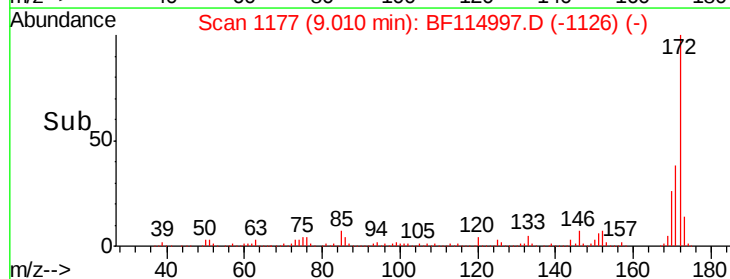
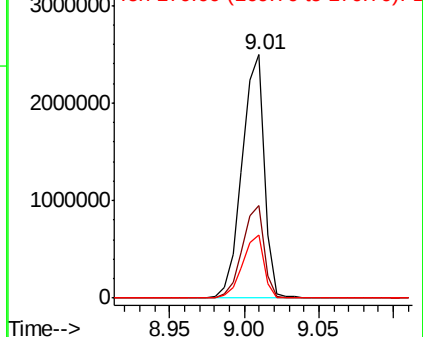
172 100

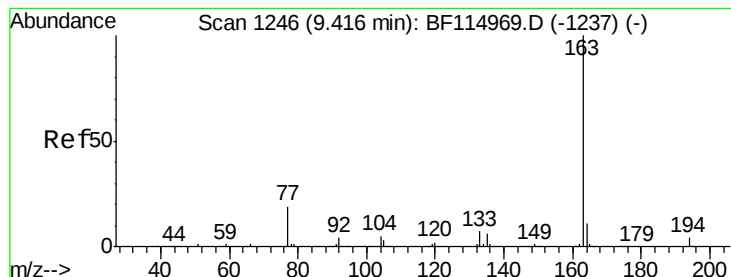
171 38.3 29.8 44.6

170 26.0 20.6 31.0



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: 14.420 ng

RT: 9.40 min Scan# 1243

Delta R.T. -0.02 min

Lab File: BF114997.D

Acq: 13 Jun 2019 12:31

Instrument :

BNA_F

ClientSampleId :

S1(5-10)

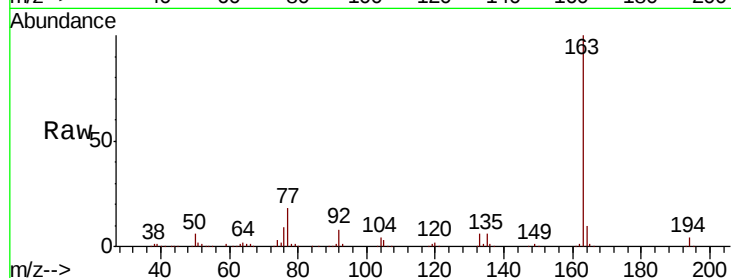
Tot Ion:163 Resp: 513943

Ion Ratio Lower Upper

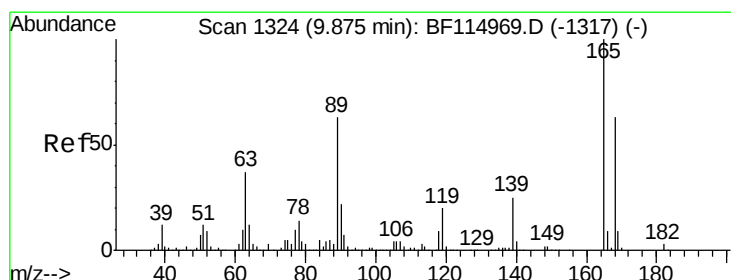
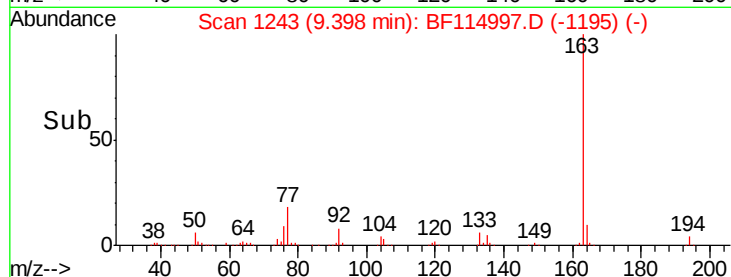
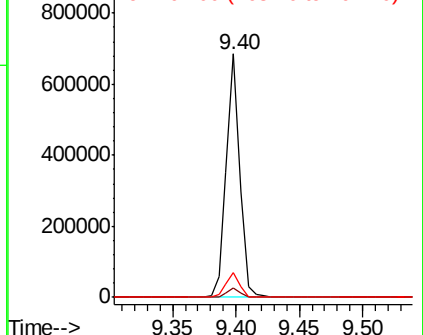
163 100

194 3.7 3.3 4.9

164 10.1 8.6 12.8



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: 6.059 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.20 min

Lab File: BF114997.D

Acq: 13 Jun 2019 12:31

Tgt Ion:165 Resp: 62344

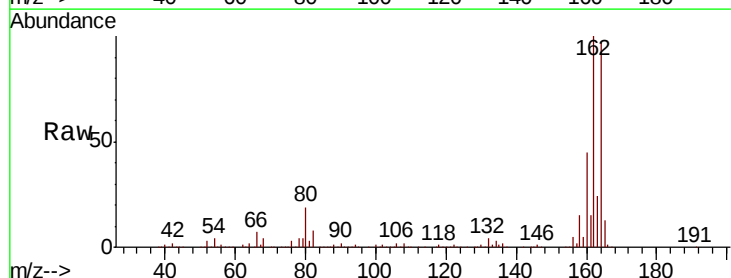
Ion Ratio Lower Upper

165 100

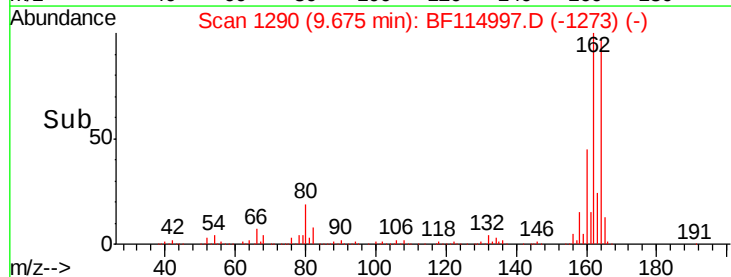
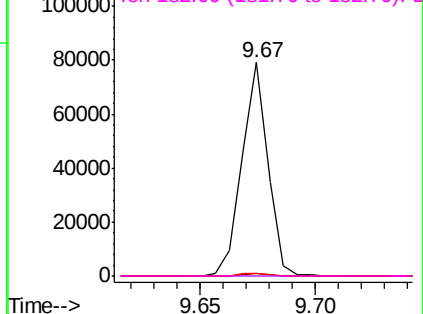
63 1.1 29.4 44.2#

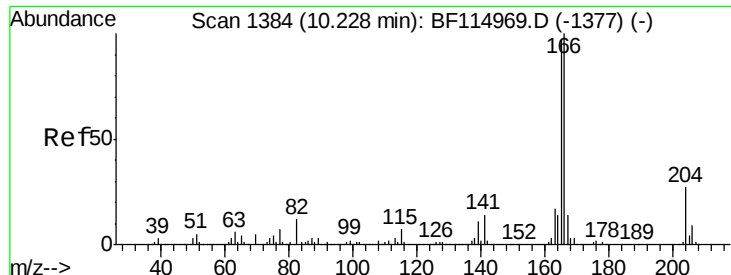
89 1.3 50.6 75.8#

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





#58

Fluorene

Concen: Below Cal

RT: 10.22 min Scan# 1383

Delta R.T. -0.01 min

Lab File: BF114997.D

Acq: 13 Jun 2019 12:31

Instrument :

BNA_F

ClientSampled :

S1(5-10)

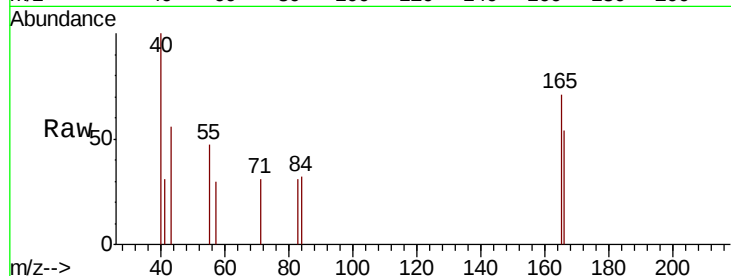
Tot Ion:166 Resp: 695

Ion Ratio Lower Upper

166 100

165 133.0 77.6 116.4#

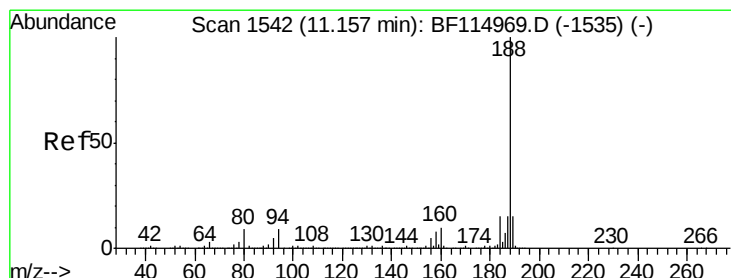
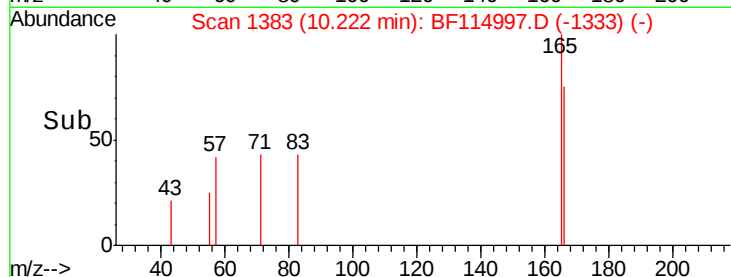
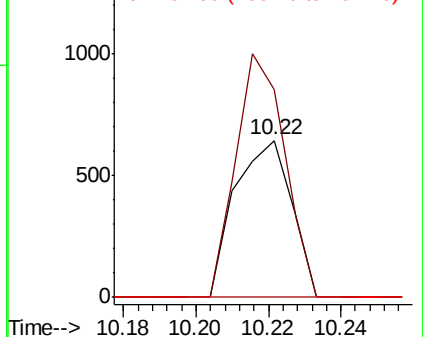
167 0.0 11.0 16.4#



Abundance Ion 166.00 (165.70 to 166.70): E

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: 11.15 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BF114997.D

Acq: 13 Jun 2019 12:31

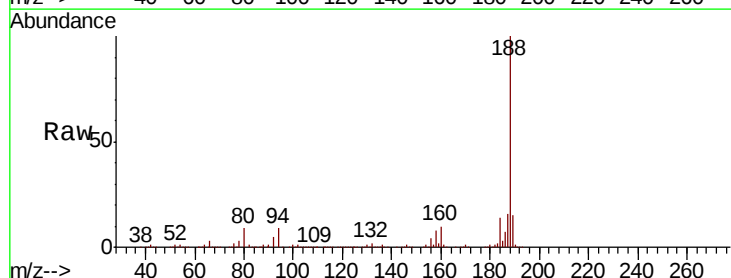
Tgt Ion:188 Resp: 756619

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

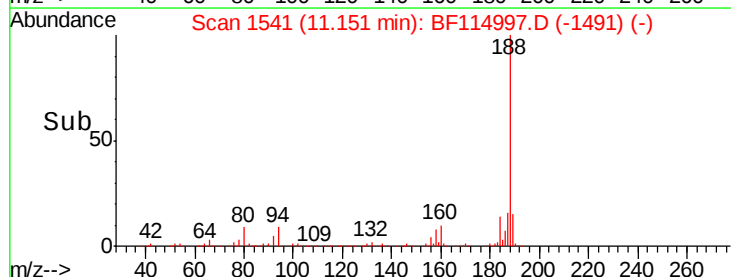
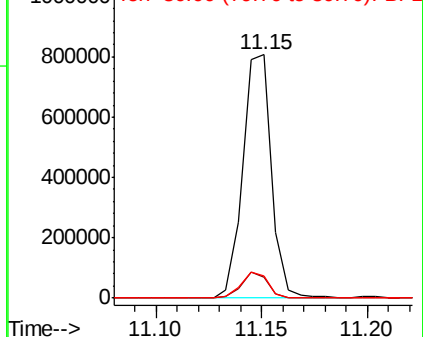
80 9.0 7.4 11.2

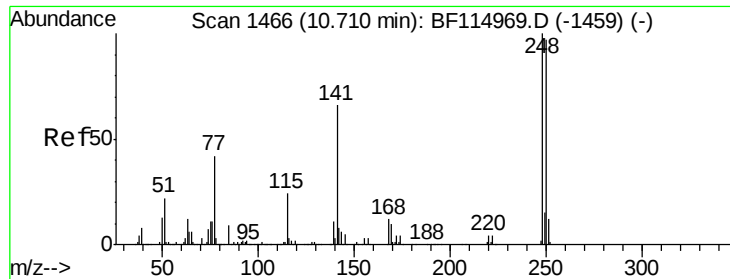


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

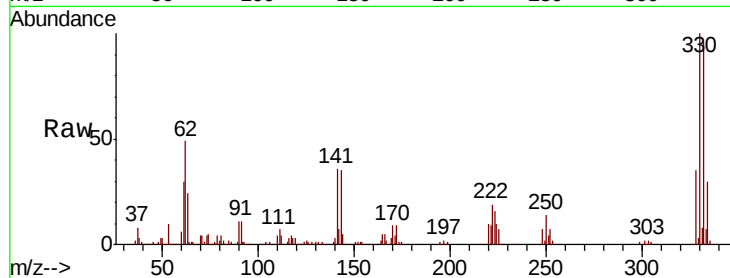




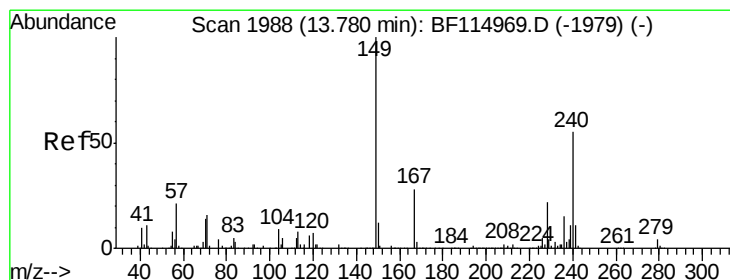
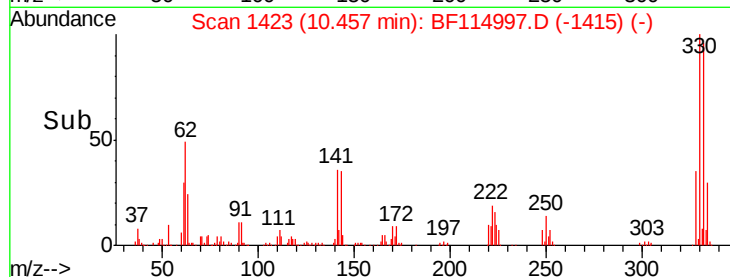
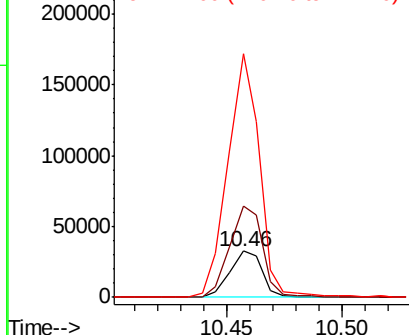
#67
4-Bromophenyl-phenylether
Concen: 3.896 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.25 min
Lab File: BF114997.D
Acq: 13 Jun 2019 12:31

Instrument :
BNA_F
ClientSampleId :
S1(5-10)

Tot Ion:248 Resp: 31654
Ion Ratio Lower Upper
248 100
250 200.1 77.8 116.8#
141 529.9 53.1 79.7#

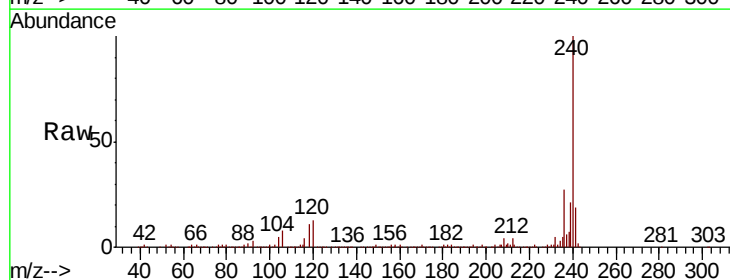


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

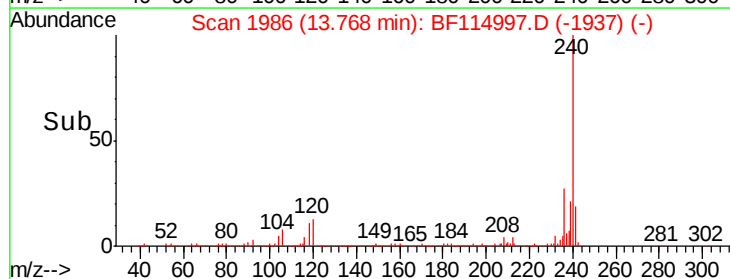
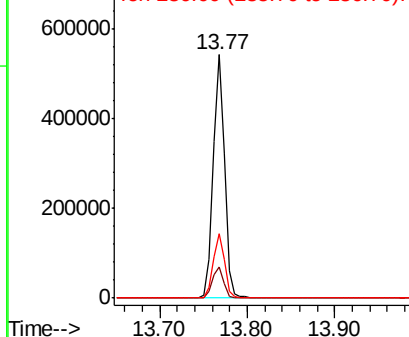


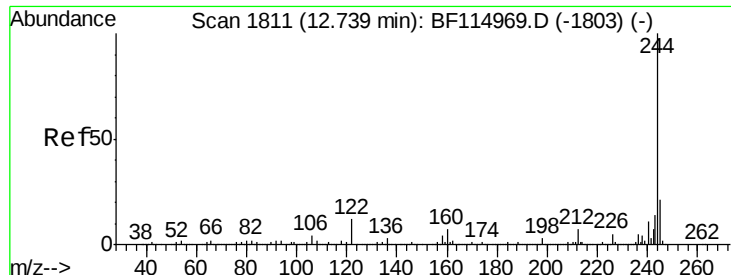
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF114997.D
Acq: 13 Jun 2019 12:31

Tgt Ion:240 Resp: 492041
Ion Ratio Lower Upper
240 100
120 12.8 10.0 15.0
236 26.6 21.6 32.4



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

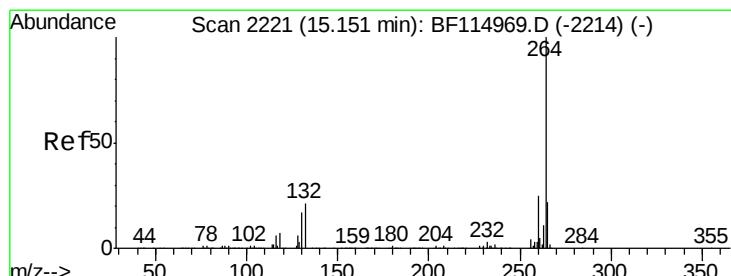
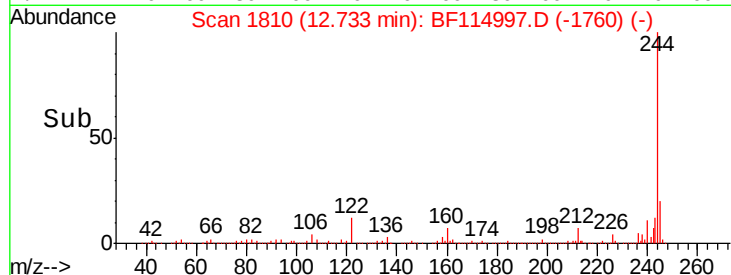
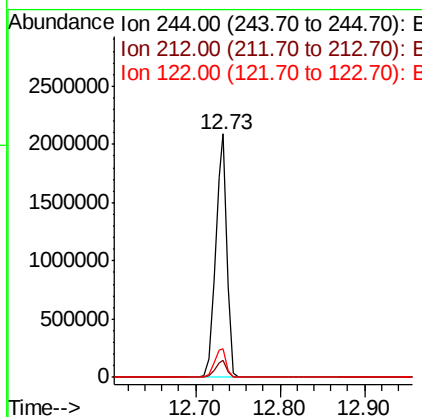
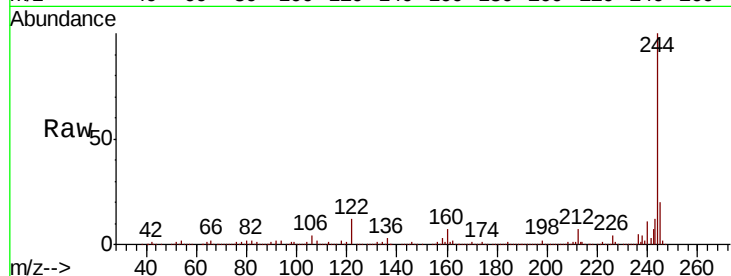




#79
 Terphenyl-d14
 Concen: 76.555 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BF114997.D
 Acq: 13 Jun 2019 12:31

Instrument :
 BNA_F
 ClientSampleId :
 S1(5-10)

Tot Ion:244 Resp: 2002705
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 11.9 9.4 14.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.14 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BF114997.D
 Acq: 13 Jun 2019 12:31

Tgt Ion:264 Resp: 518756
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.9 29.9
 265 21.4 17.6 26.4

