

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040419\
 Data File : BF113595.D
 Acq On : 4 Apr 2019 21:05
 Operator : JU/SJ
 Sample : K2257-25
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 01:32:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

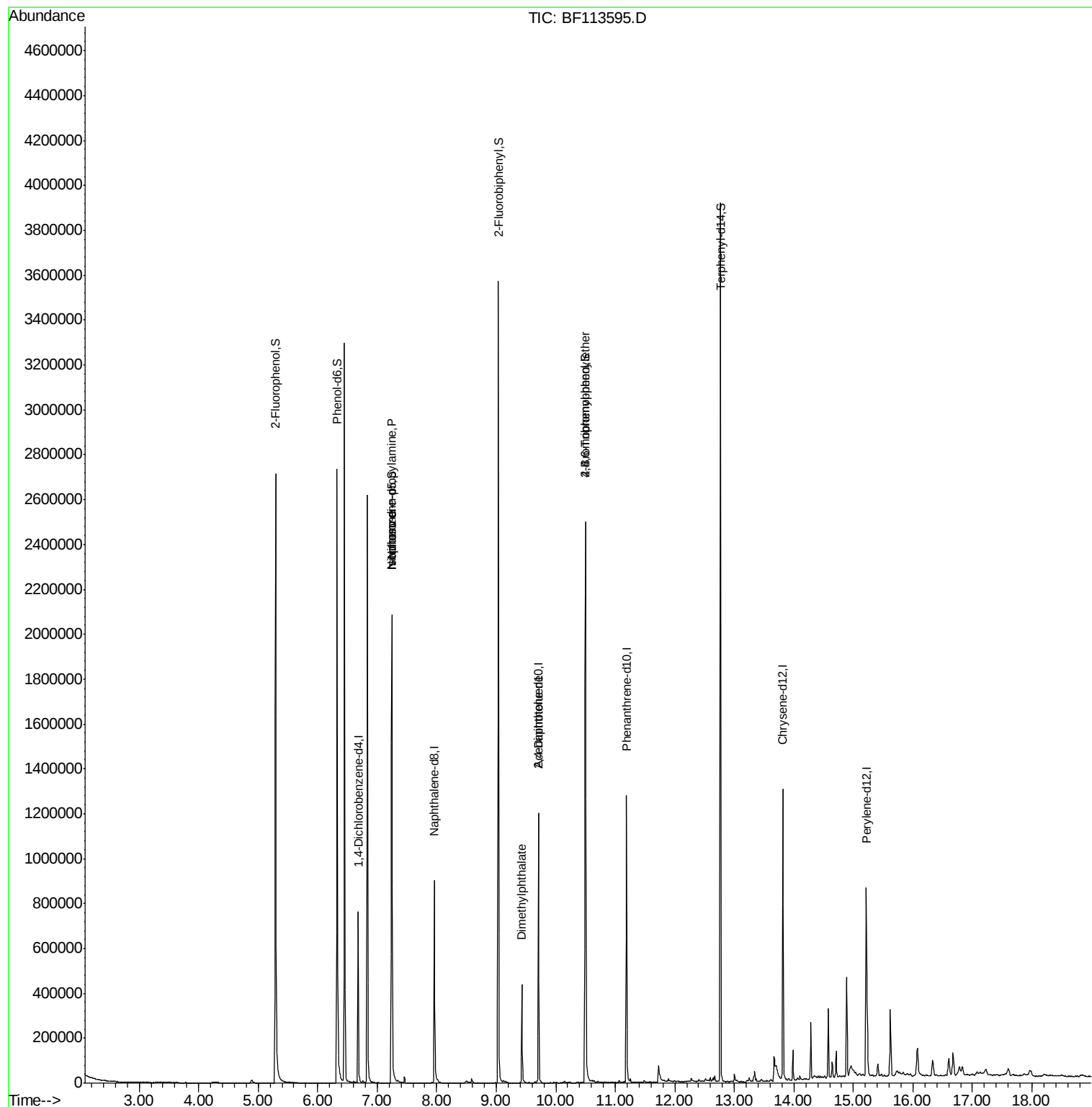
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	122971	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	465293	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	232237	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	499603	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	459243	20.00	ng	-0.03
87) Perylene-d12	15.22	264	379043	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	903125	125.24	ng	0.00
7) Phenol-d6	6.33	99	1177342	132.46	ng	-0.01
23) Nitrobenzene-d5	7.25	82	702843	88.48	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	362642	129.99	ng	-0.02
45) 2-Fluorobiphenyl	9.04	172	1241558	86.07	ng	-0.01
79) Terphenyl-d14	12.77	244	1518678	67.33	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	90992	16.602	ng	# 76
25) Isophorone	7.25	82	702838	45.931	ng	# 64
50) Dimethylphthalate	9.43	163	212328	12.403	ng	99
57) 2,4-Dinitrotoluene	9.71	165	29100	6.376	ng	# 23
67) 4-Bromophenyl-phenylether	10.50	248	20315	3.626	ng	# 1

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

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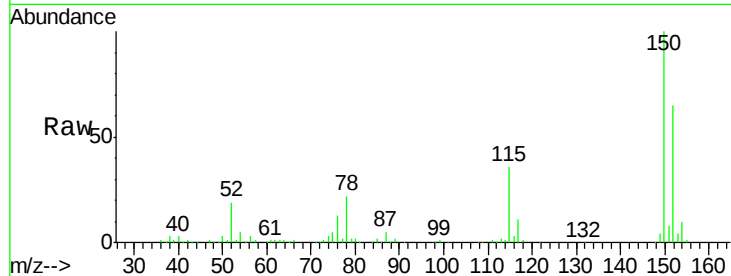


#1

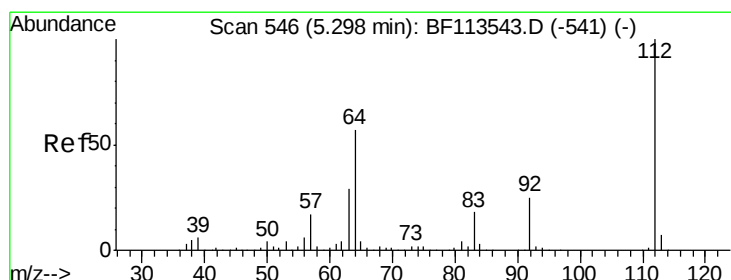
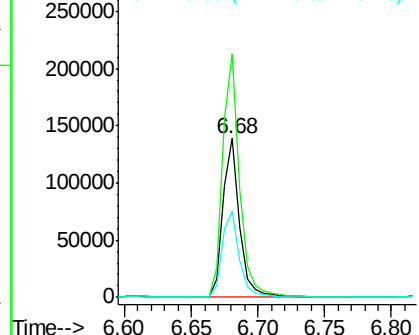
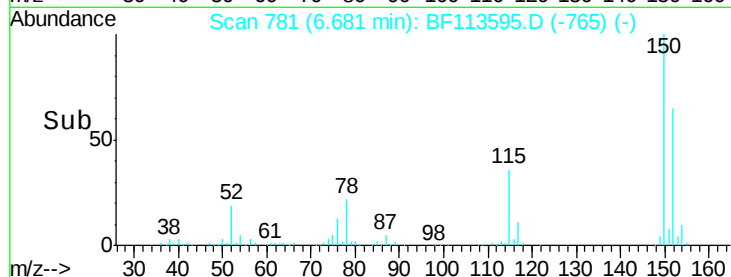
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF113595.D
 Acq: 4 Apr 2019 21:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.7	187.1
115	54.7	46.0	69.0



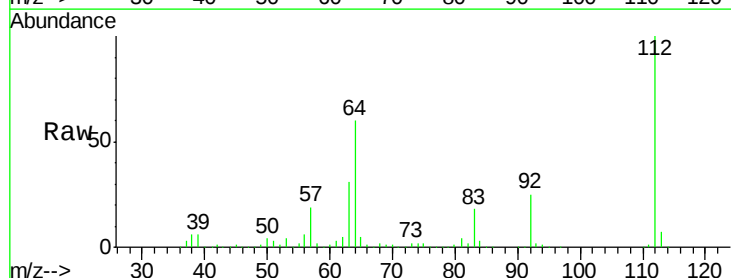
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



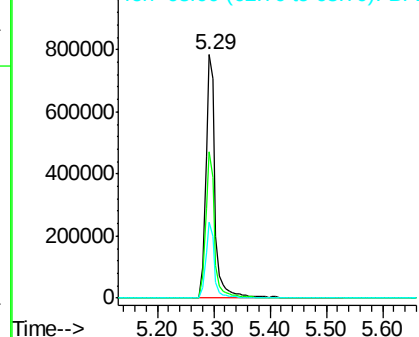
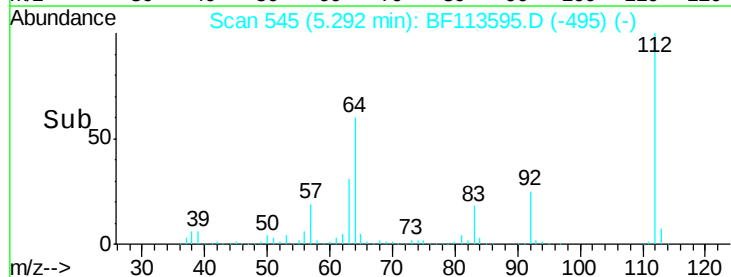
#5

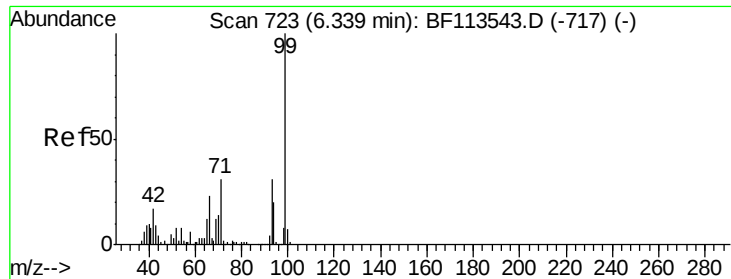
2-Fluorophenol
 Concen: 125.236 ng
 RT: 5.29 min Scan# 545
 Delta R.T. -0.01 min
 Lab File: BF113595.D
 Acq: 4 Apr 2019 21:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	49.2	73.8
63	31.0	24.9	37.3



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: 132.463 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113595.D

Acq: 4 Apr 2019 21:05

Instrument :

BNA_F

ClientSampleId :

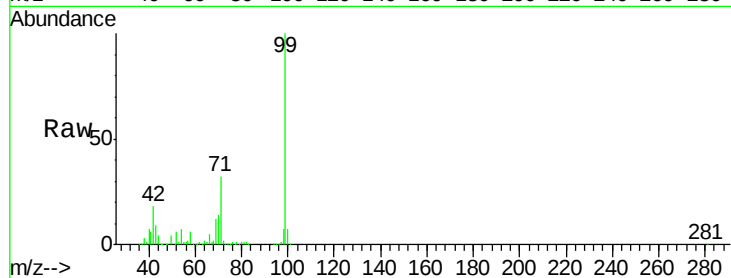
Tot Ion: 99 Resp: 1177342

Ion Ratio Lower Upper

99 100

42 18.5 14.8 22.2

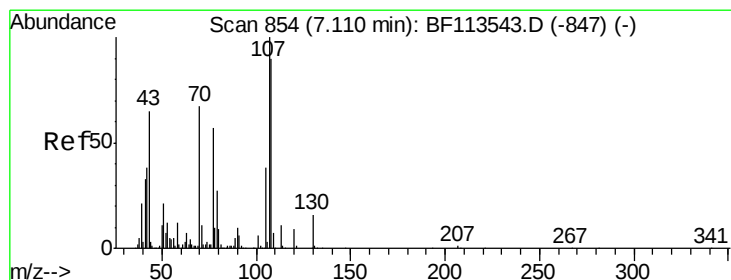
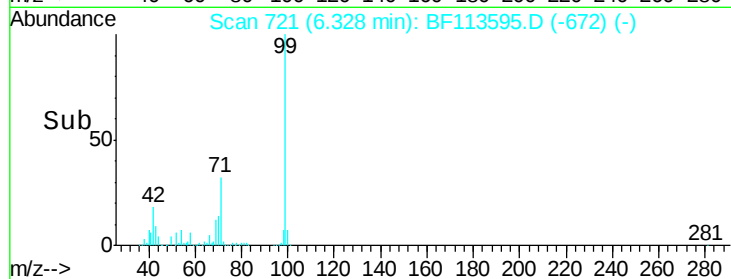
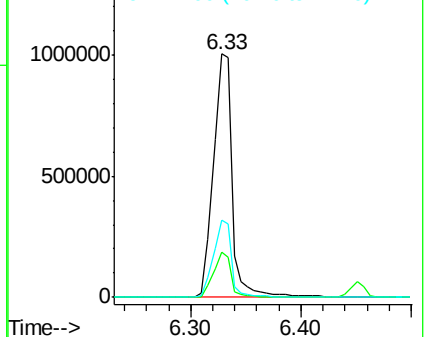
71 31.7 24.9 37.3



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: 16.602 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.14 min

Lab File: BF113595.D

Acq: 4 Apr 2019 21:05

Tgt Ion: 70 Resp: 90992

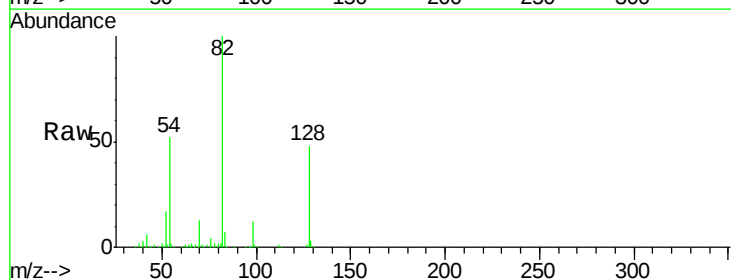
Ion Ratio Lower Upper

70 100

42 47.9 48.4 72.6#

101 0.0 7.8 11.8#

130 2.5 18.2 27.4#

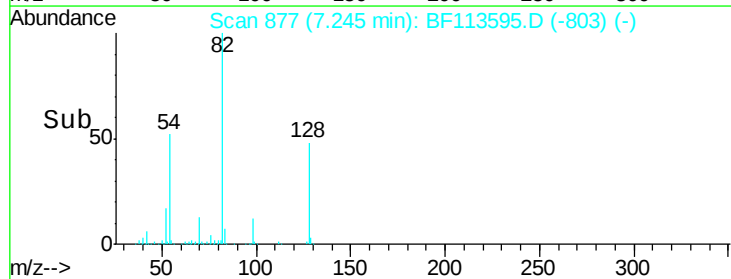
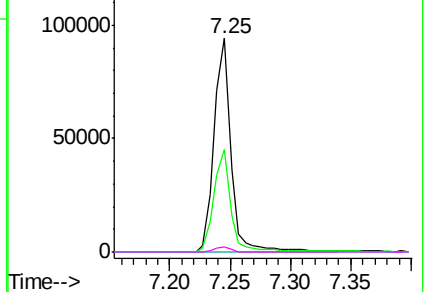


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

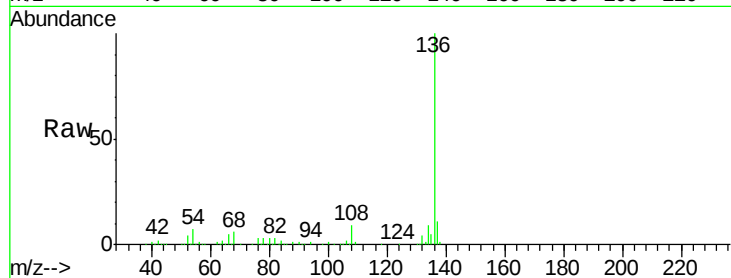




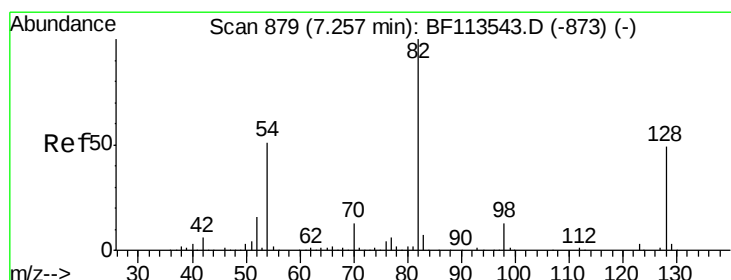
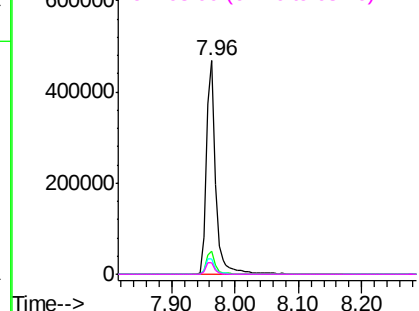
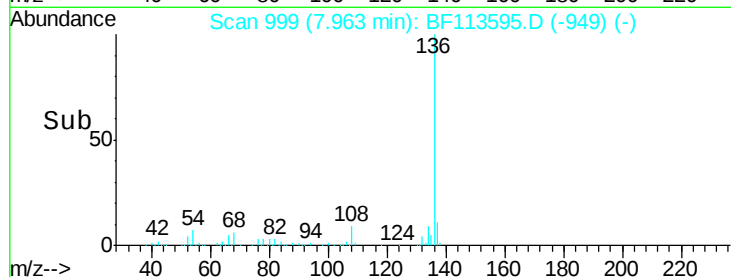
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF113595.D
Acq: 4 Apr 2019 21:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	465293
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	7.5	7.0 10.6
68	5.6	4.8 7.2

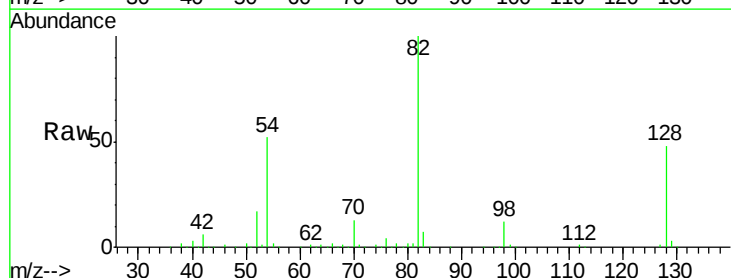


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

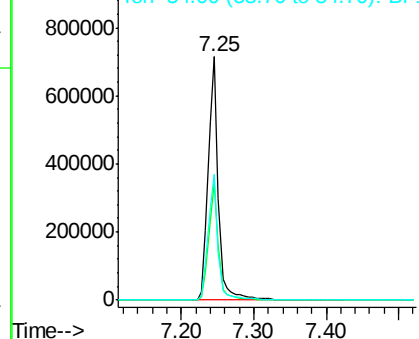
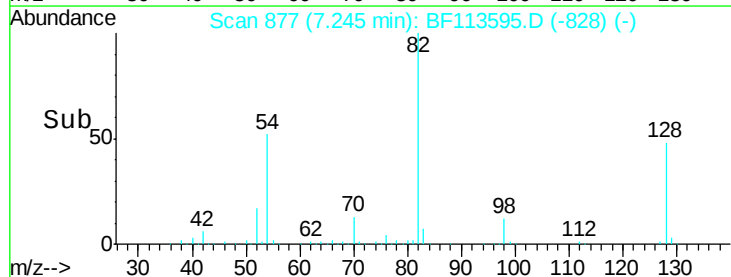


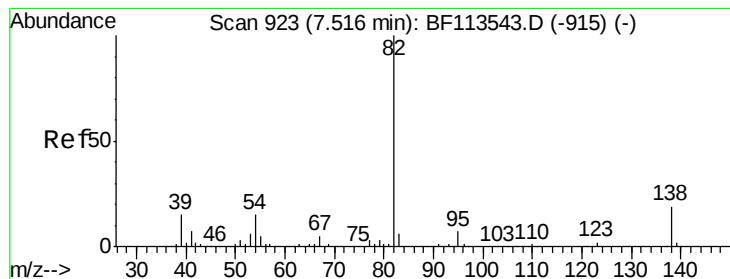
#23
Nitrobenzene-d5
Concen: 88.480 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF113595.D
Acq: 4 Apr 2019 21:05

Tgt Ion: 82	Resp:	702843
Ion Ratio	Lower	Upper
82	100	
128	47.9	36.5 54.7
54	51.8	42.2 63.2



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: 45.931 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.27 min

Lab File: BF113595.D

Acq: 4 Apr 2019 21:05

Instrument :

BNA_F

ClientSampleId :

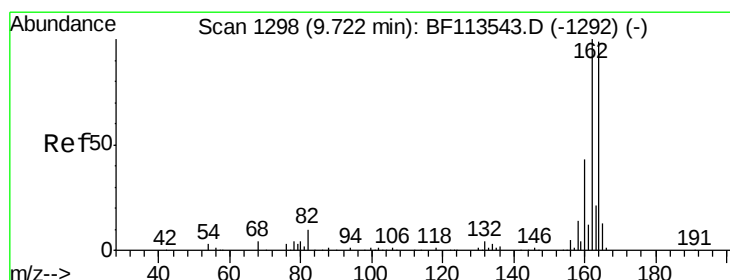
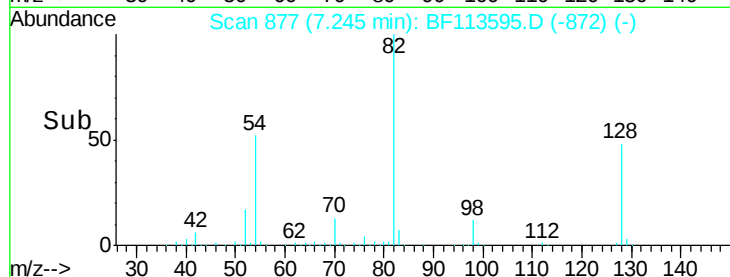
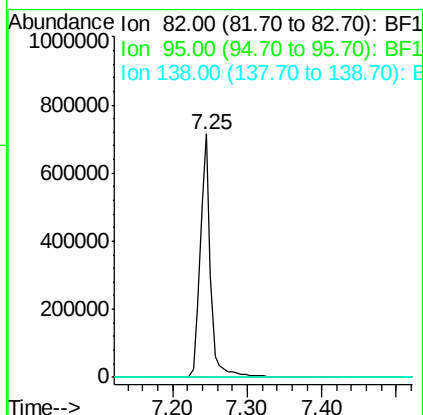
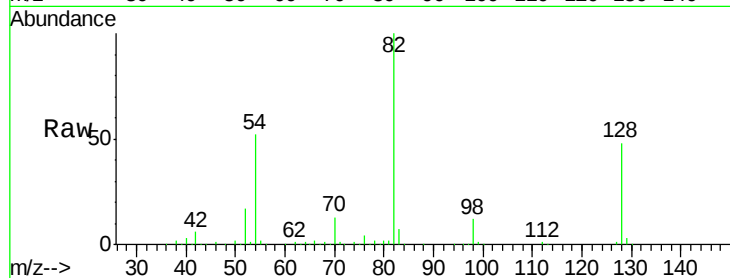
Tot Ion: 82 Resp: 702838

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

138 0.0 15.2 22.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF113595.D

Acq: 4 Apr 2019 21:05

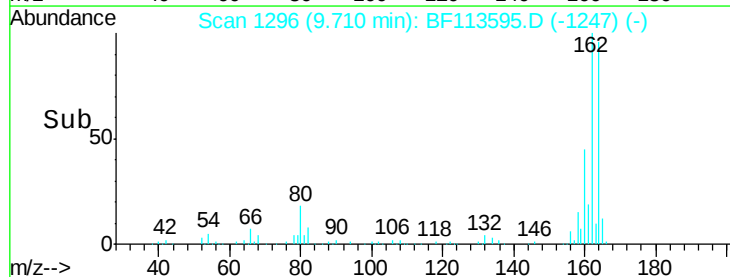
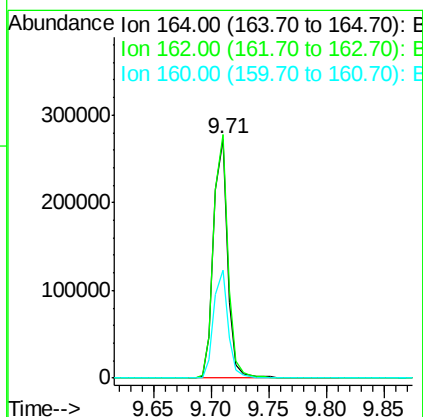
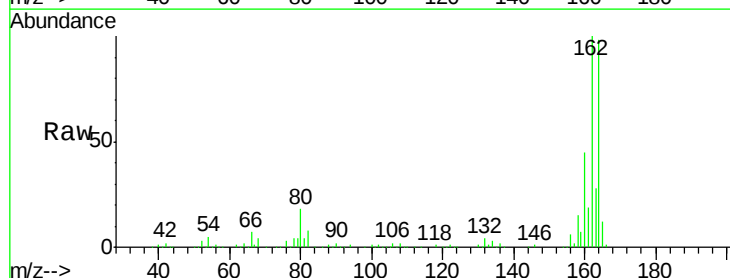
Tgt Ion:164 Resp: 232237

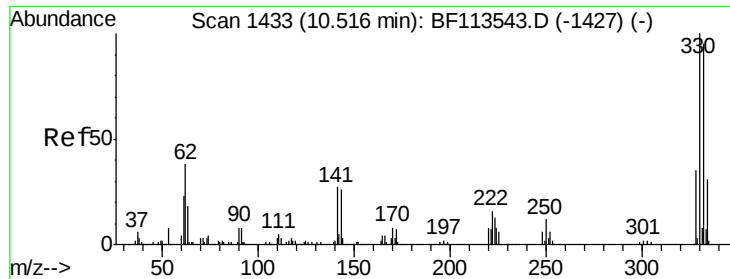
Ion Ratio Lower Upper

164 100

162 101.9 81.8 122.6

160 45.3 36.4 54.6

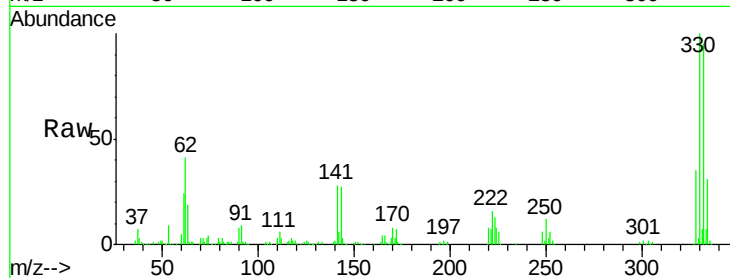




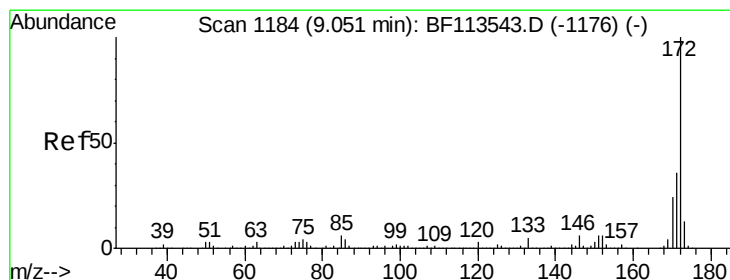
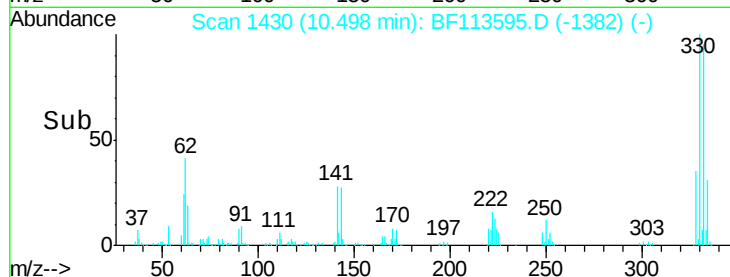
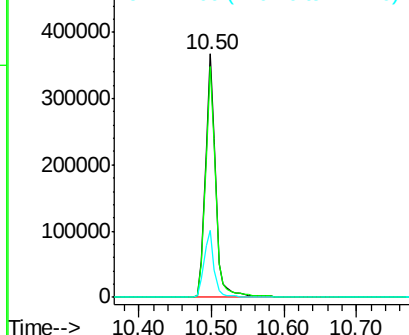
#42
 2,4,6-Tribromophenol
 Concen: 129.992 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113595.D
 Acq: 4 Apr 2019 21:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 362642
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.8 116.6
 141 27.3 22.7 34.1

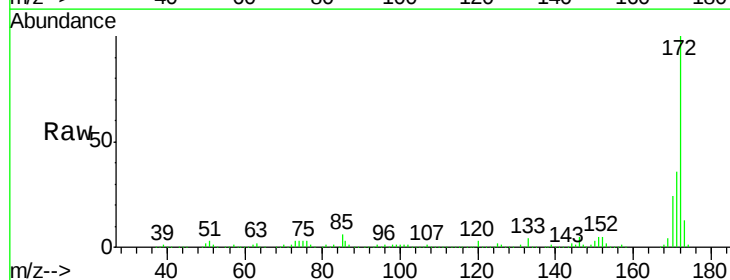


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

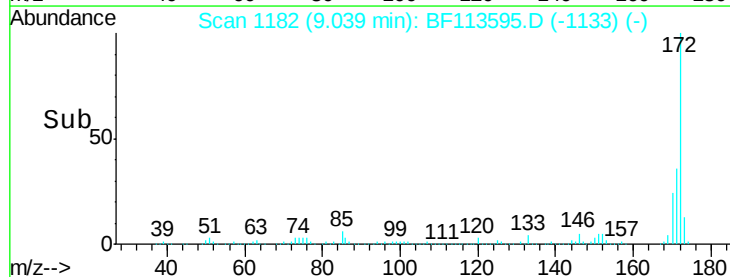
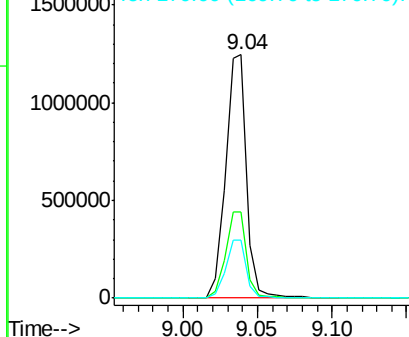


#45
 2-Fluorobiphenyl
 Concen: 86.066 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF113595.D
 Acq: 4 Apr 2019 21:05

Tgt Ion:172 Resp: 1241558
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.0 43.6
 170 23.9 19.5 29.3



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

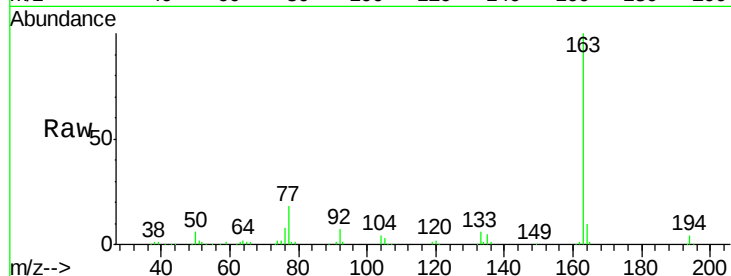




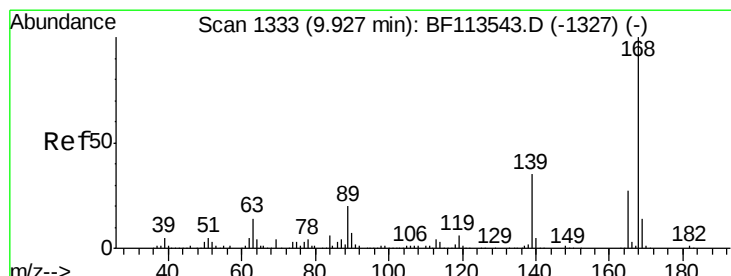
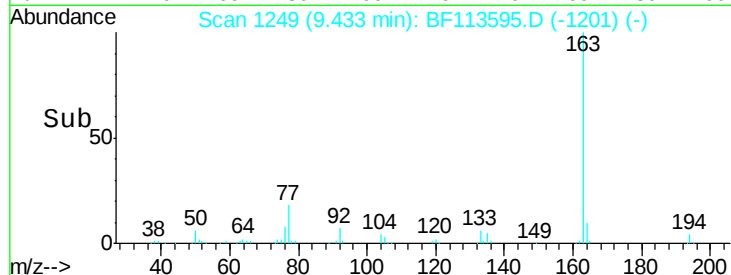
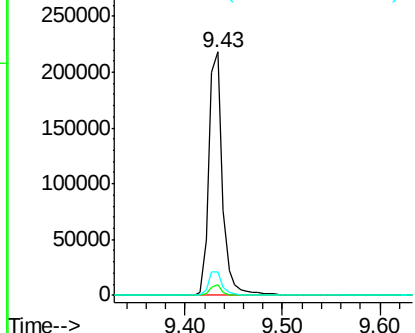
#50
Dimethylphthalate
Concen: 12.403 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BF113595.D
Acq: 4 Apr 2019 21:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 212328
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 9.9 8.1 12.1

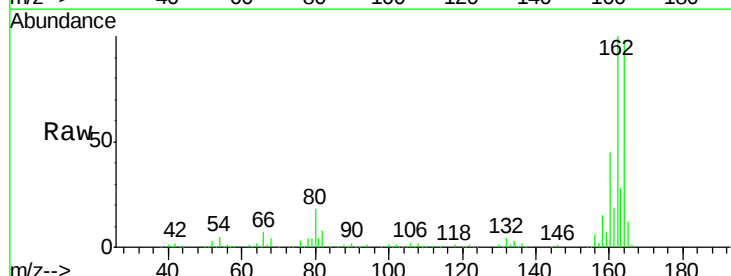


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

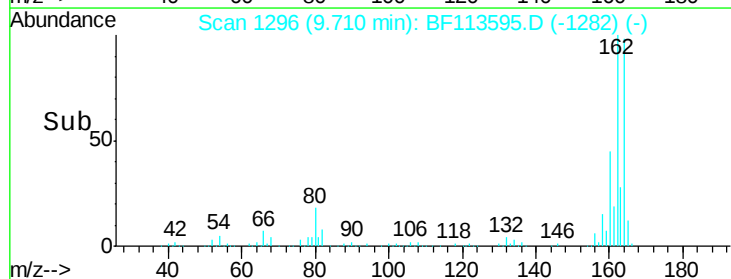
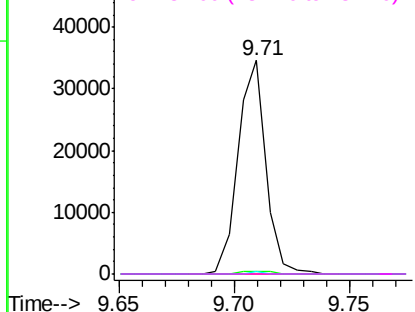


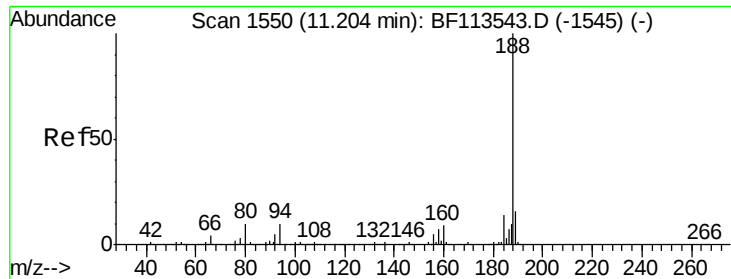
#57
2,4-Dinitrotoluene
Concen: 6.376 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.22 min
Lab File: BF113595.D
Acq: 4 Apr 2019 21:05

Tgt Ion:165 Resp: 29100
Ion Ratio Lower Upper
165 100
63 1.4 37.5 56.3#
89 1.1 57.4 86.2#
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

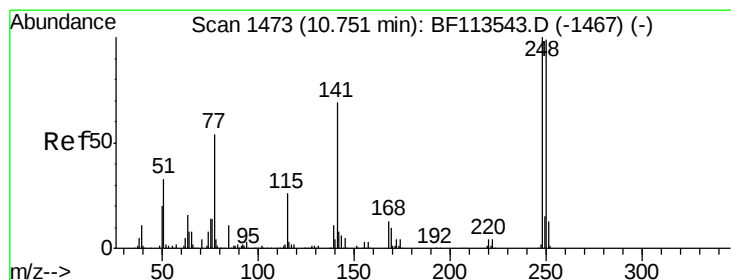
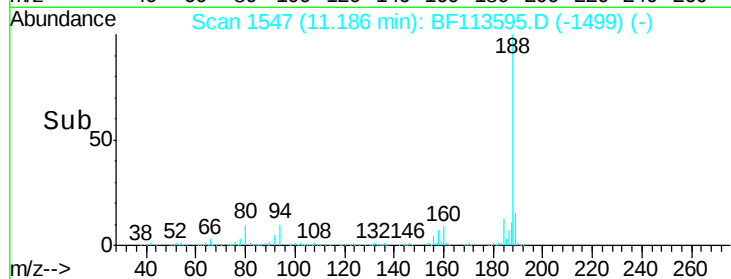
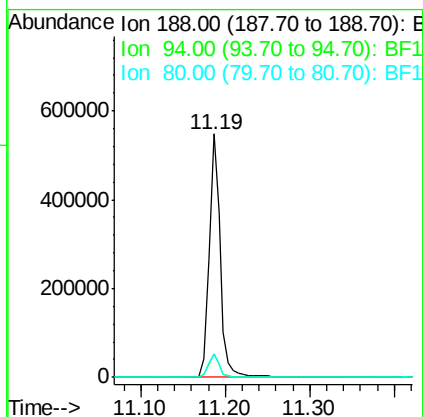
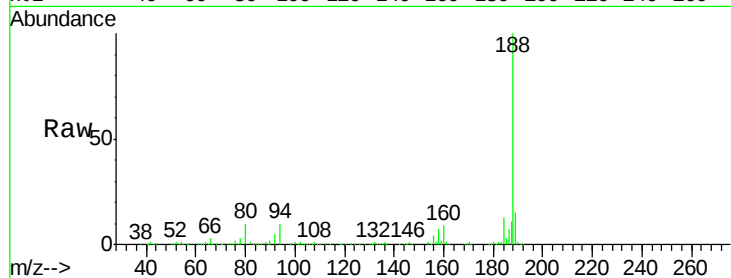




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF113595.D
Acq: 4 Apr 2019 21:05

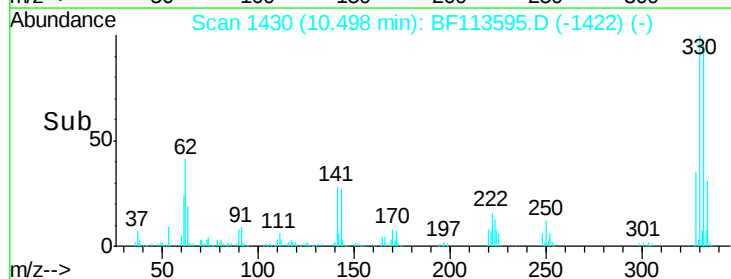
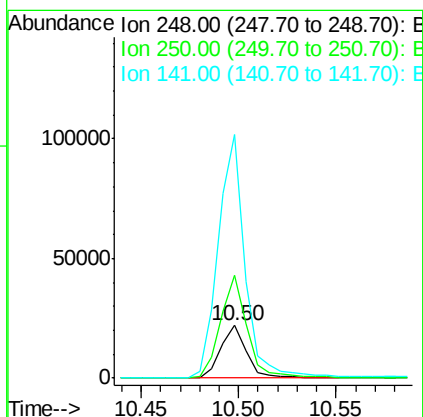
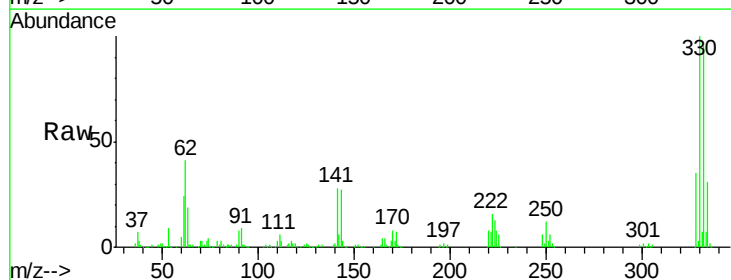
Instrument :
BNA_F
ClientSampleId :

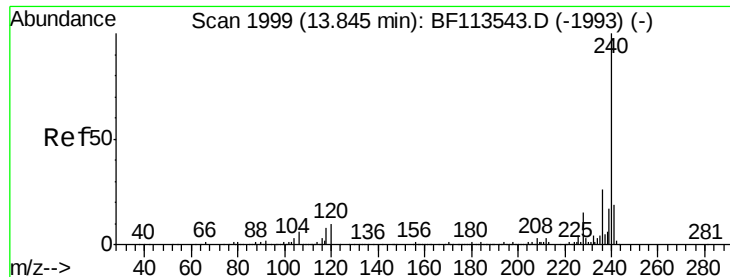
Tot Ion:188 Resp: 499603
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 9.8 7.7 11.5



#67
4-Bromophenyl-phenylether
Concen: 3.626 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.25 min
Lab File: BF113595.D
Acq: 4 Apr 2019 21:05

Tgt Ion:248 Resp: 20315
Ion Ratio Lower Upper
248 100
250 196.0 78.3 117.5#
141 463.9 56.2 84.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.03 min

Lab File: BF113595.D

Acq: 4 Apr 2019 21:05

Instrument :

BNA_F

ClientSampleId :

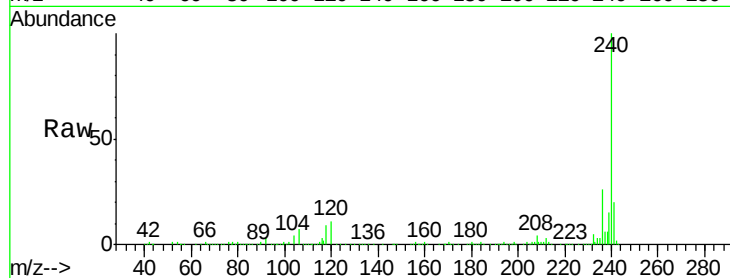
Tot Ion:240 Resp: 459243

Ion Ratio Lower Upper

240 100

120 10.9 8.8 13.2

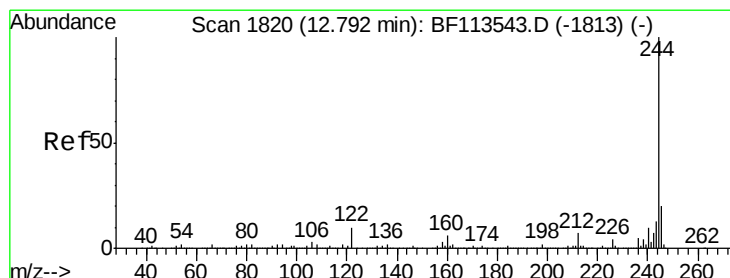
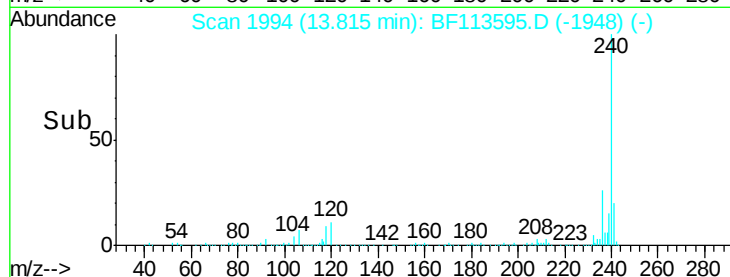
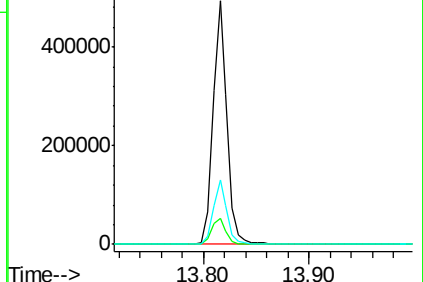
236 26.2 20.9 31.3



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: 67.329 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF113595.D

Acq: 4 Apr 2019 21:05

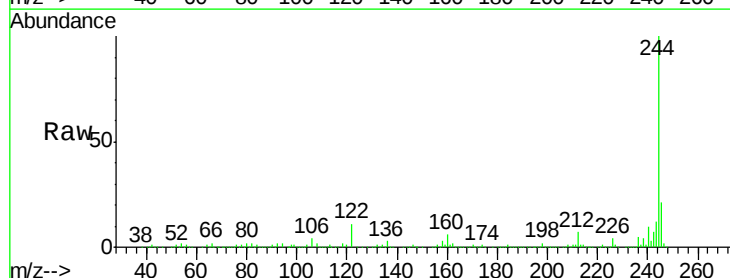
Tgt Ion:244 Resp: 1518678

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

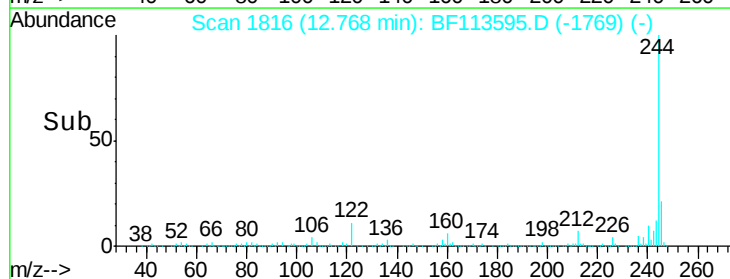
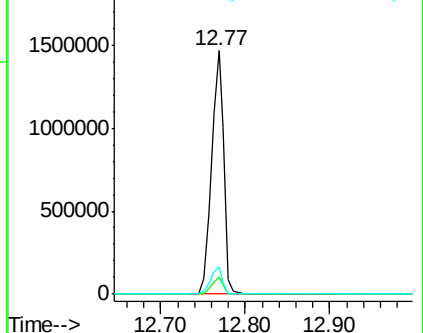
122 11.1 8.6 13.0

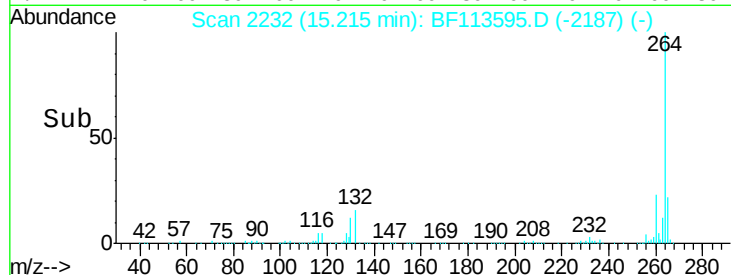
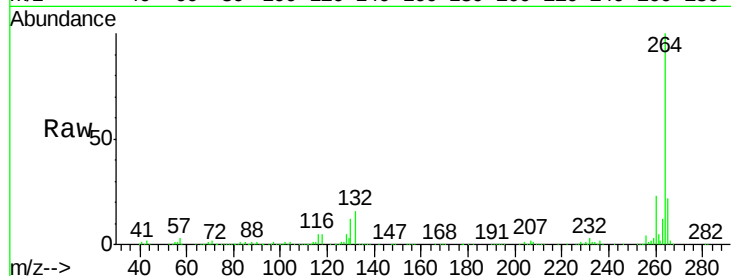
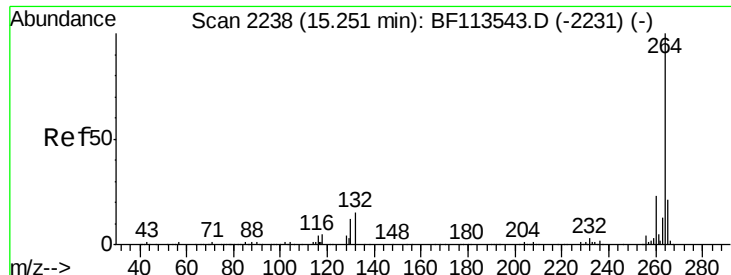


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.22 min Scan# 2232
 Delta R.T. -0.04 min
 Lab File: BF113595.D
 Acq: 4 Apr 2019 21:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	379043
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.1	28.7
265	22.1	17.1	25.7

