

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041219\
 Data File : BF113752.D
 Acq On : 12 Apr 2019 21:54
 Operator : JU/SJ
 Sample : K2374-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 12 23:02:38 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

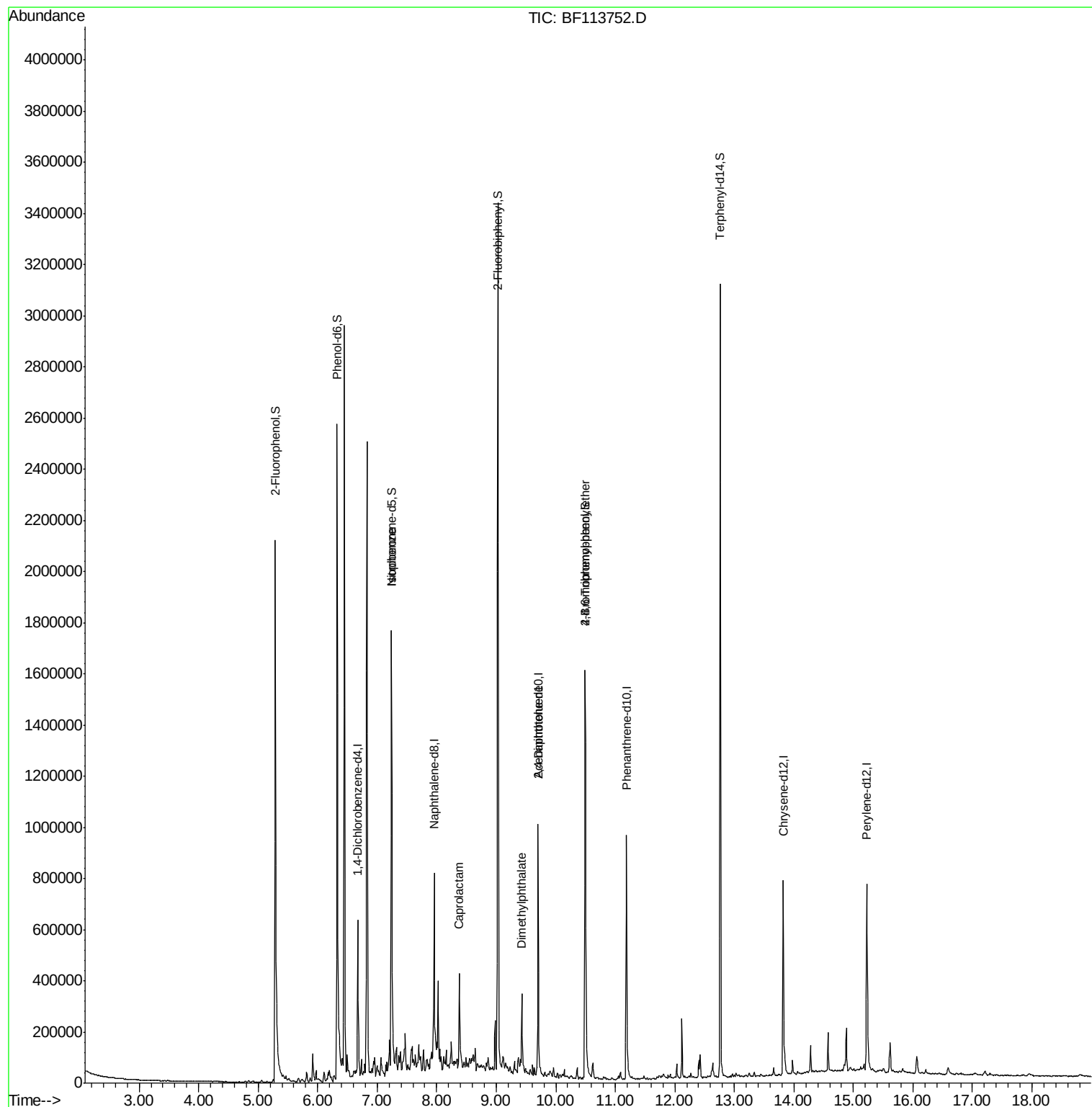
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	113345	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	425168	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	205561	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	420838	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	319177	20.00	ng	-0.02
87) Perylene-d12	15.23	264	325697	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	853206	128.36	ng	-0.01
7) Phenol-d6	6.33	99	1107613	135.20	ng	-0.01
23) Nitrobenzene-d5	7.24	82	615205	84.76	ng	-0.02
42) 2,4,6-Tribromophenol	10.49	330	269818	109.27	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1120865	87.78	ng	-0.02
79) Terphenyl-d14	12.76	244	1162986	74.19	ng	-0.03
Target Compounds						
25) Isophorone	7.24	82	615205	43.998	ng	# 64
35) Caprolactam	8.38	113	8323	4.261	ng	# 53
50) Dimethylphthalate	9.43	163	104938	6.925	ng	99
57) 2,4-Dinitrotoluene	9.70	165	27066	6.700	ng	# 24
67) 4-Bromophenyl-phenylether	10.49	248	15113	3.202	ng	# 1

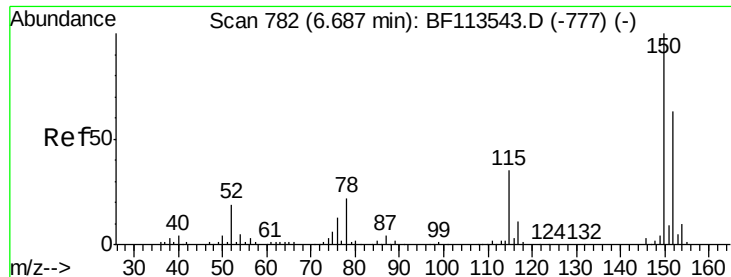
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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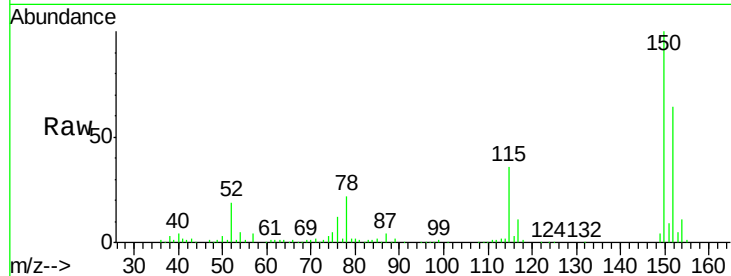


#1

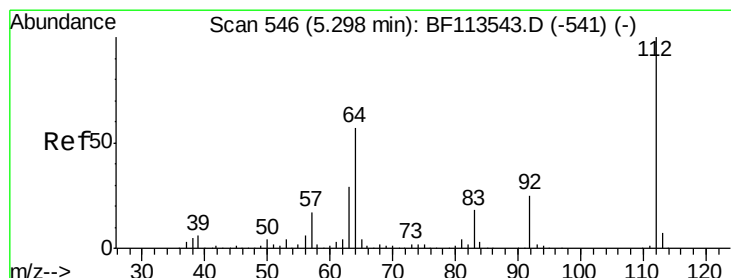
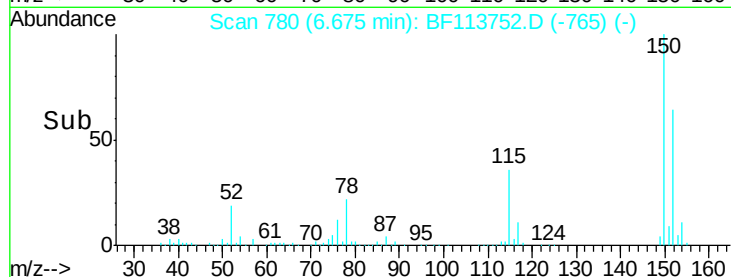
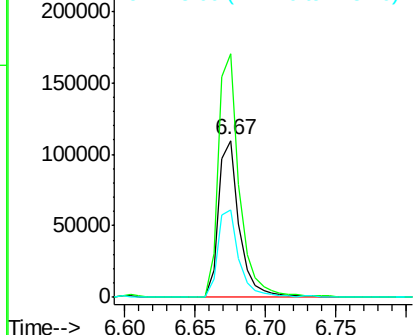
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113752.D
Acq: 12 Apr 2019 21:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 113345
Ion Ratio Lower Upper
152 100
150 155.2 124.7 187.1
115 56.0 46.0 69.0



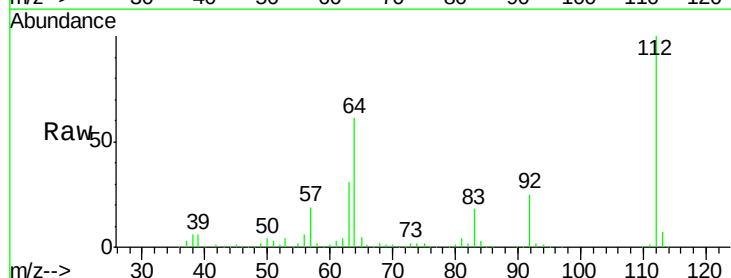
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



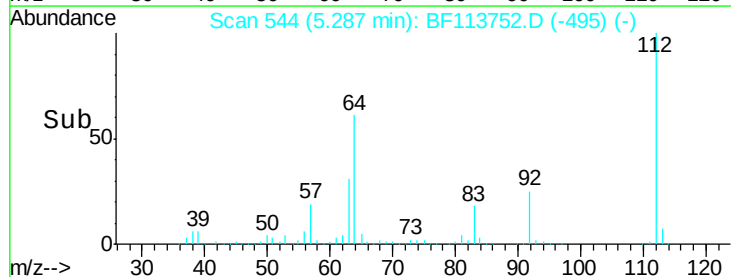
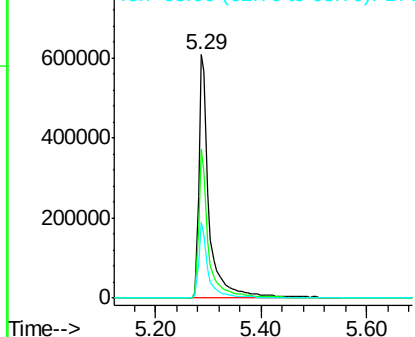
#5

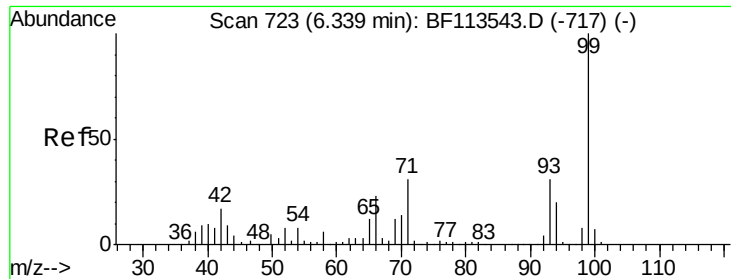
2-Fluorophenol
Concen: 128.361 ng
RT: 5.29 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF113752.D
Acq: 12 Apr 2019 21:54

Tgt Ion:112 Resp: 853206
Ion Ratio Lower Upper
112 100
64 61.2 49.2 73.8
63 31.1 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: 135.201 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113752.D

Acq: 12 Apr 2019 21:54

Instrument :

BNA_F

ClientSampleId :

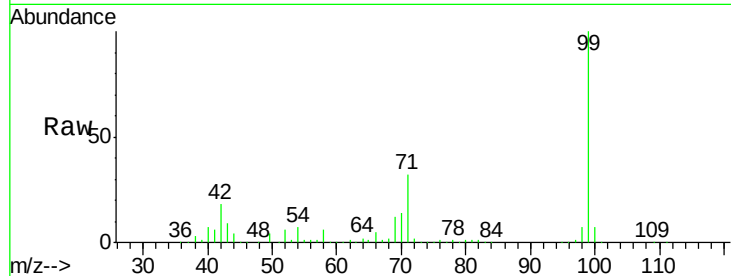
Tot Ion: 99 Resp: 1107613

Ion Ratio Lower Upper

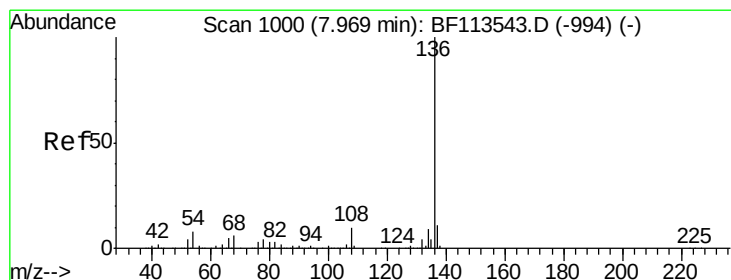
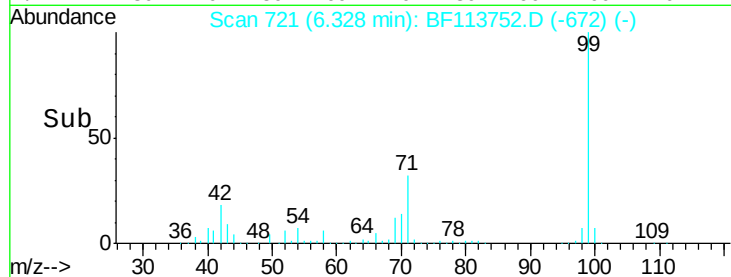
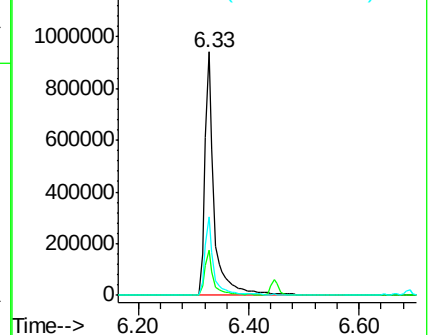
99 100

42 18.5 14.8 22.2

71 32.0 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF113752.D

Acq: 12 Apr 2019 21:54

Tgt Ion: 136 Resp: 425168

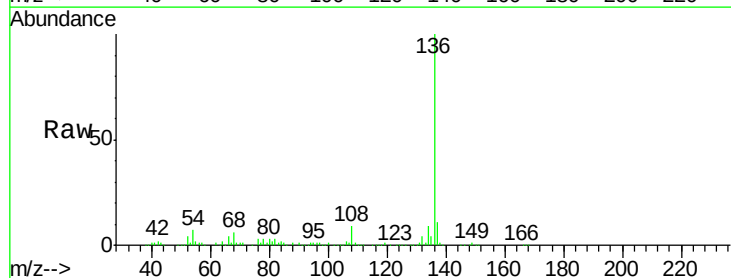
Ion Ratio Lower Upper

136 100

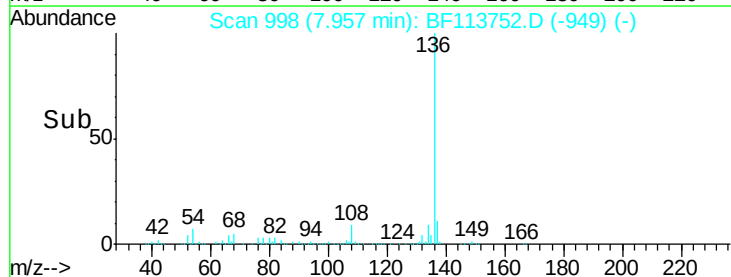
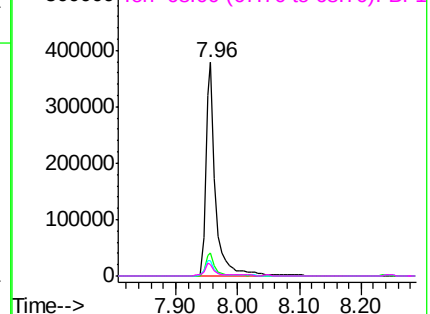
137 10.7 8.9 13.3

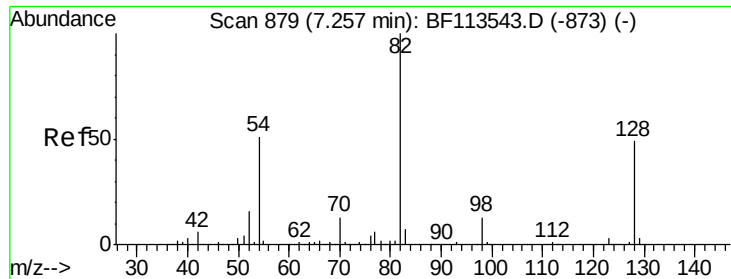
54 7.1 7.0 10.6

68 5.7 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

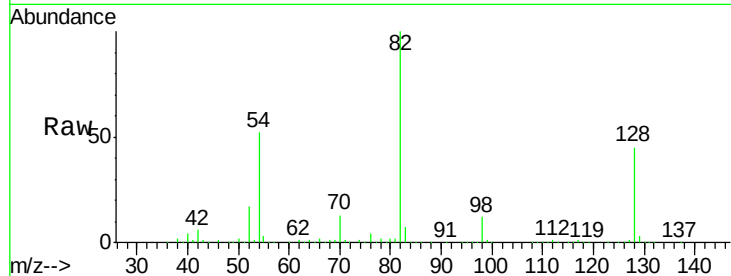




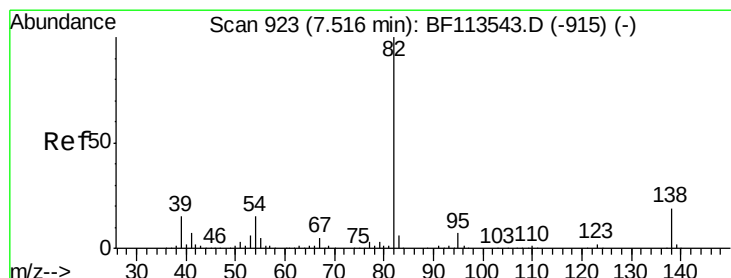
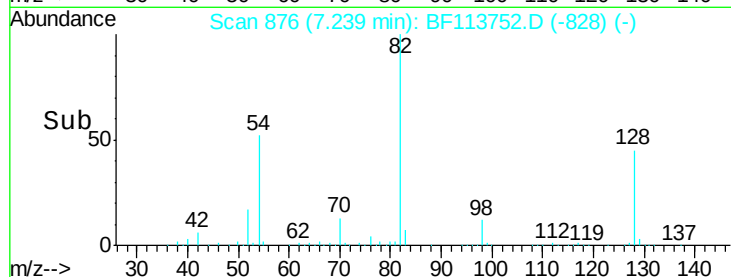
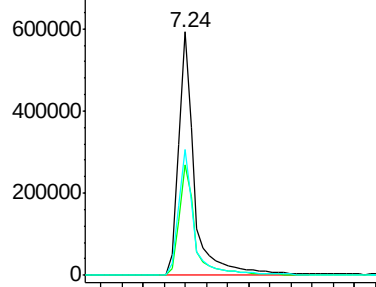
#23
Nitrobenzene-d5
Concen: 84.757 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF113752.D
Acq: 12 Apr 2019 21:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	615205
Ion Ratio	Lower	Upper	
82	100		
128	45.4	36.5	54.7
54	51.8	42.2	63.2

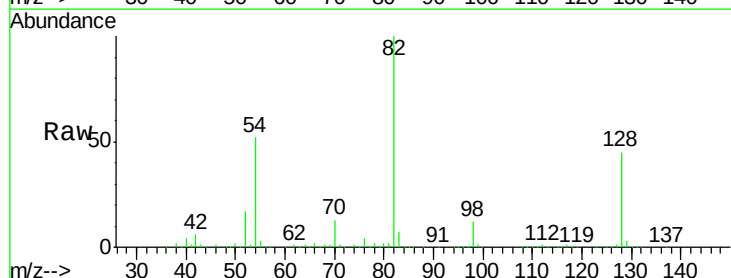


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

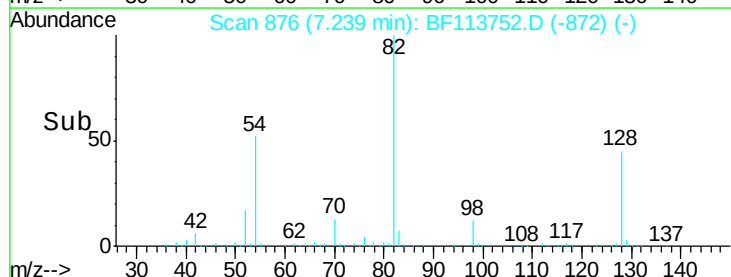
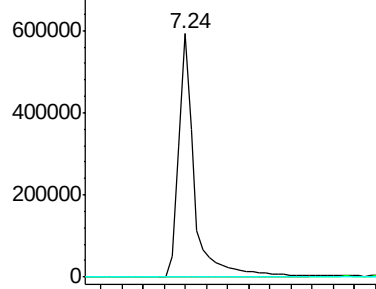


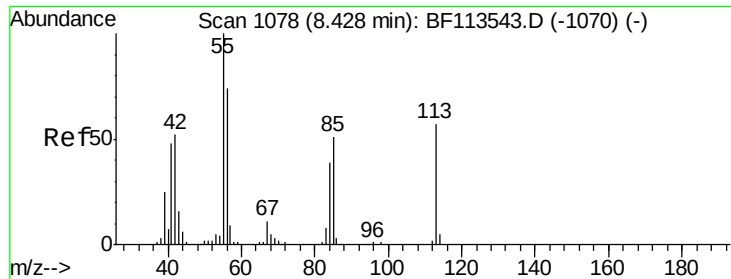
#25
Isophorone
Concen: 43.998 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.28 min
Lab File: BF113752.D
Acq: 12 Apr 2019 21:54

Tgt Ion	82	Resp	615205
Ion Ratio	Lower	Upper	
82	100		
95	0.3	5.5	8.3#
138	0.0	15.2	22.8#



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

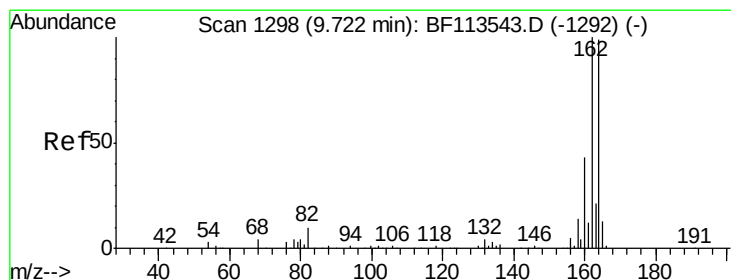
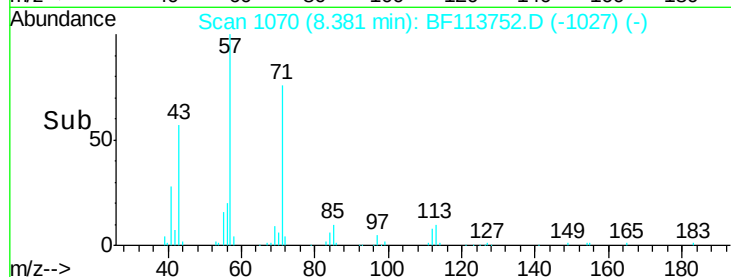
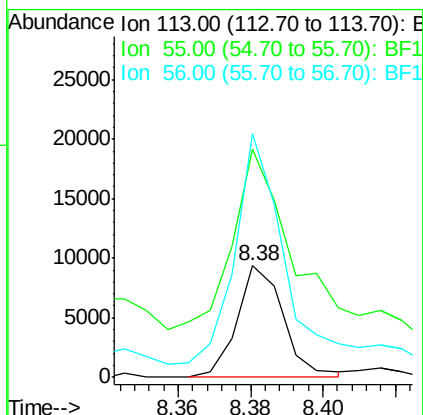
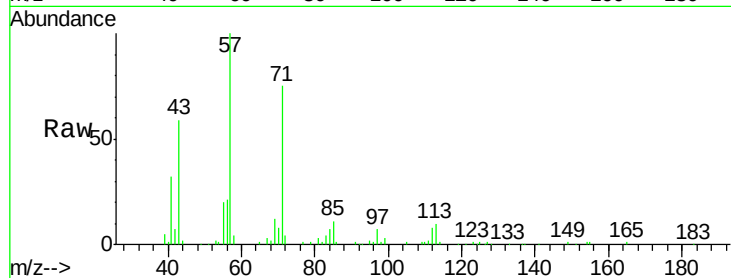




#35
 Caprolactam
 Concen: 4.261 ng
 RT: 8.38 min Scan# 1070
 Delta R.T. -0.05 min
 Lab File: BF113752.D
 Acq: 12 Apr 2019 21:54

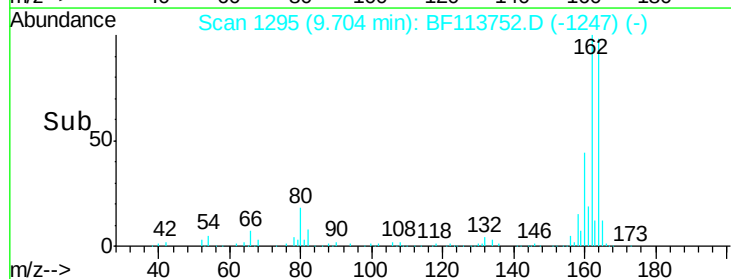
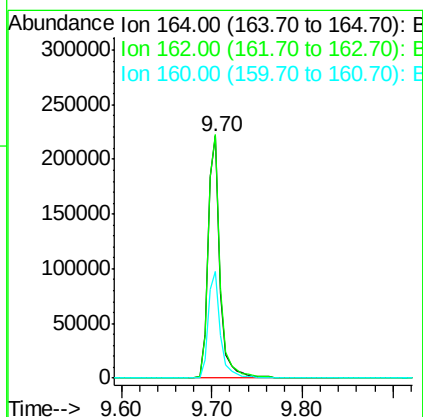
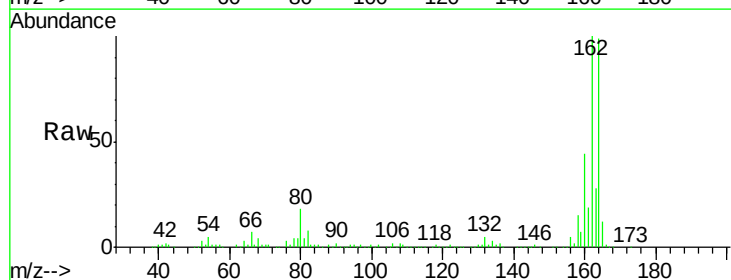
Instrument :
 BNA_F
 ClientSampled :

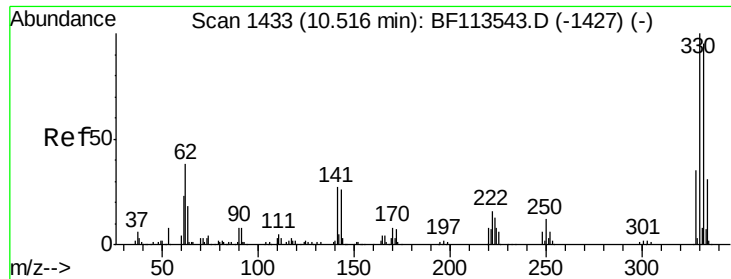
Tot Ion:113 Resp: 8323
 Ion Ratio Lower Upper
 113 100
 55 205.1 152.7 192.7#
 56 218.1 108.3 148.3#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.02 min
 Lab File: BF113752.D
 Acq: 12 Apr 2019 21:54

Tgt Ion:164 Resp: 205561
 Ion Ratio Lower Upper
 164 100
 162 100.6 81.8 122.6
 160 44.2 36.4 54.6

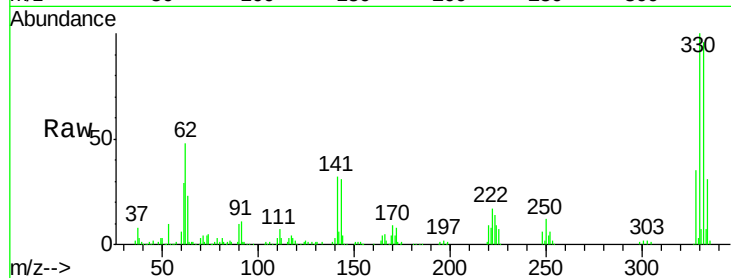




#42
 2,4,6-Tribromophenol
 Concen: 109.270 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.02 min
 Lab File: BF113752.D
 Acq: 12 Apr 2019 21:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	330	Resp	269818
Ion Ratio	100		
Lower	77.8		
Upper	116.6		
332	99.5		
141	28.8		
	22.7		
	34.1		

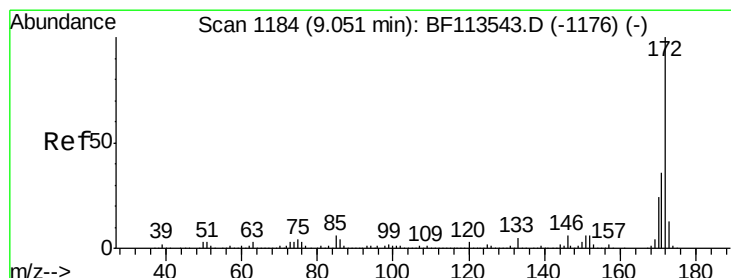
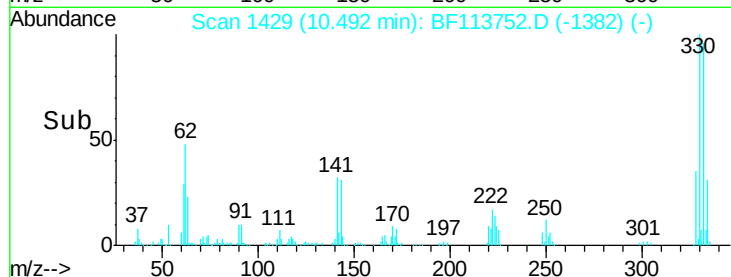
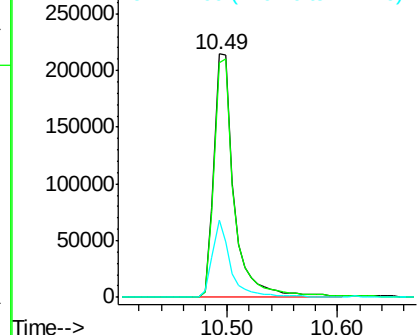


Abundance

Ion 329.80 (329.50 to 330.50): E

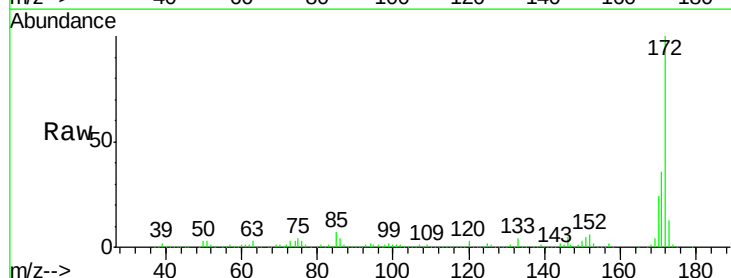
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 87.783 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF113752.D
 Acq: 12 Apr 2019 21:54

Tgt Ion	172	Resp	1120865
Ion Ratio	100		
Lower	29.0		
Upper	43.6		
171	35.6		
170	24.1		
	19.5		
	29.3		

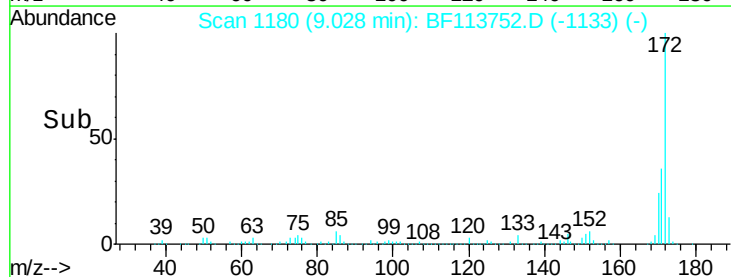
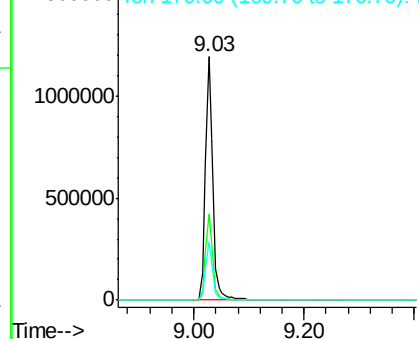


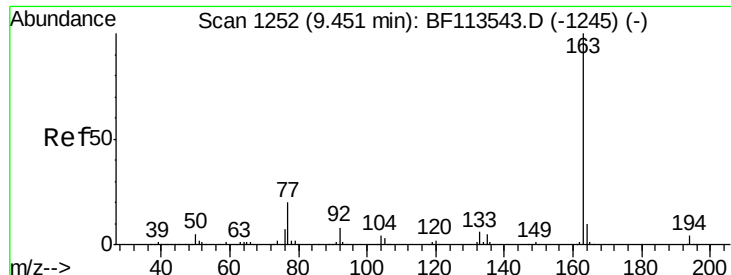
Abundance

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: 6.925 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.02 min

Lab File: BF113752.D

Acq: 12 Apr 2019 21:54

Instrument :

BNA_F

ClientSampleId :

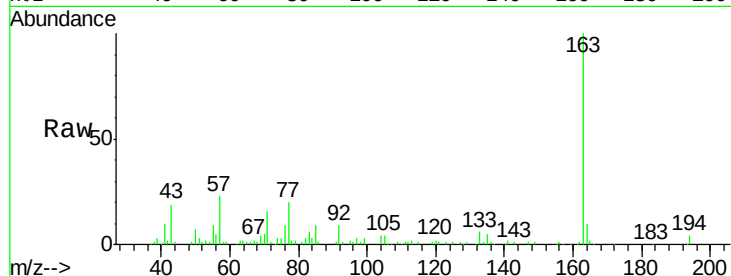
Tot Ion:163 Resp: 104938

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

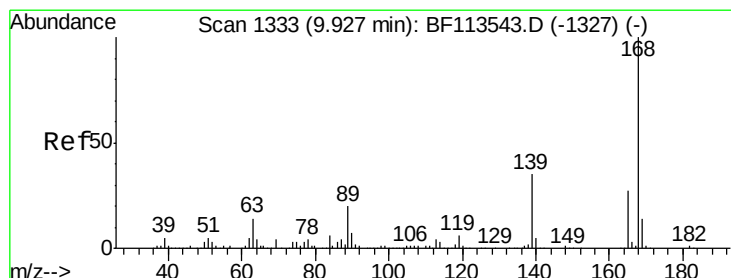
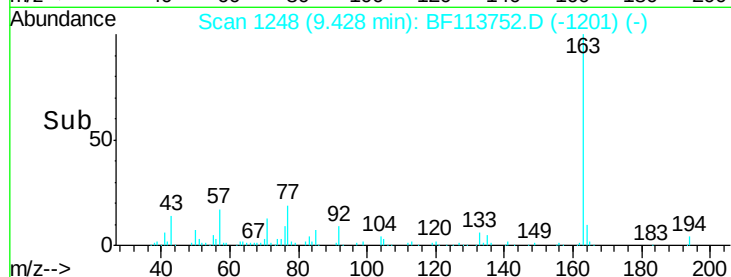
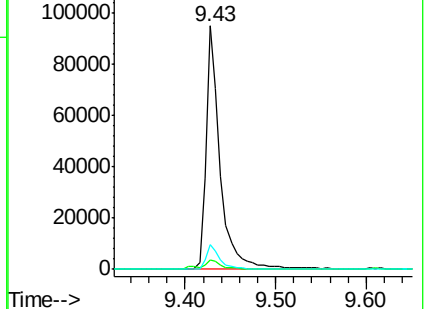
164 10.3 8.1 12.1



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: 6.700 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.22 min

Lab File: BF113752.D

Acq: 12 Apr 2019 21:54

Tgt Ion:165 Resp: 27066

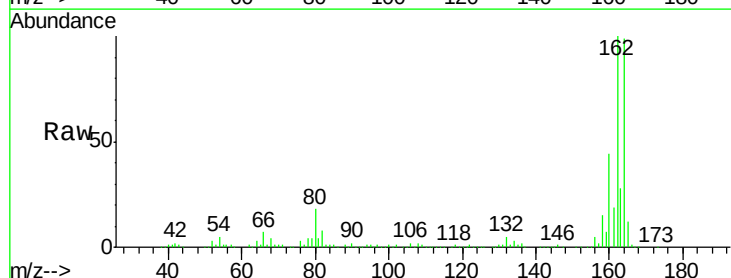
Ion Ratio Lower Upper

165 100

63 1.4 37.5 56.3#

89 1.7 57.4 86.2#

182 0.0 2.0 3.0#

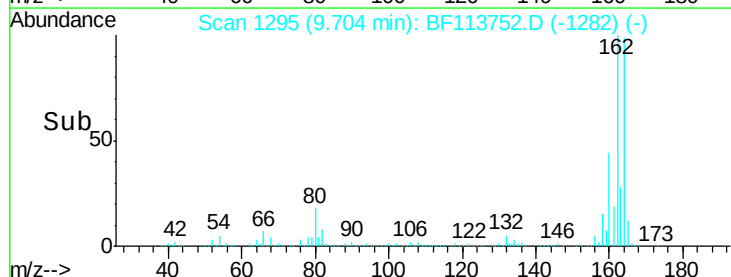
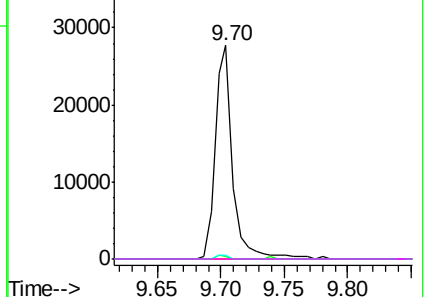


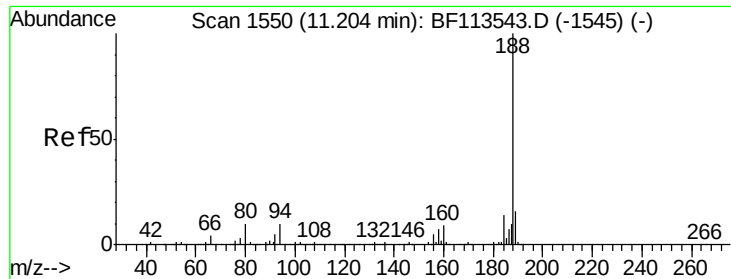
Abundance Ion 165.00 (164.70 to 165.70): E

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

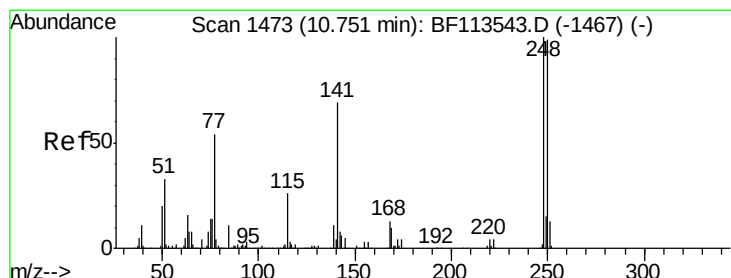
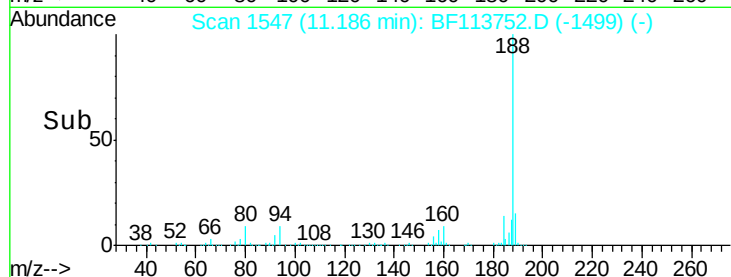
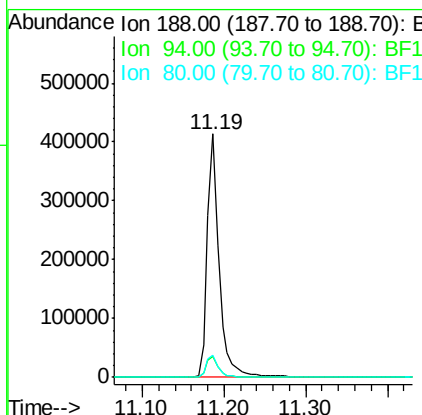
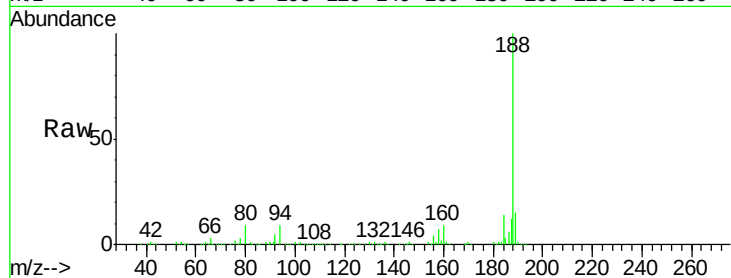




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.02 min
 Lab File: BF113752.D
 Acq: 12 Apr 2019 21:54

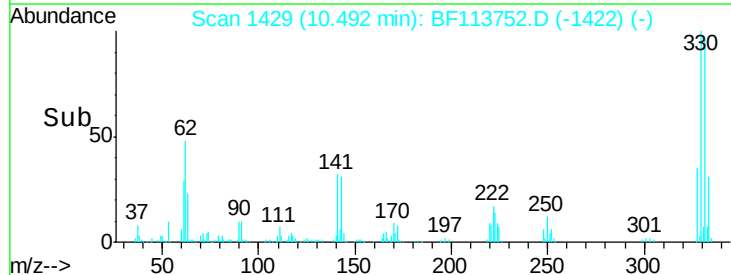
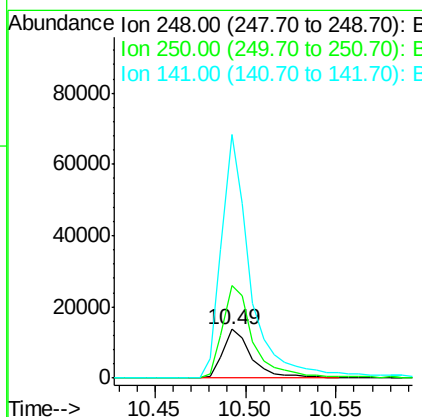
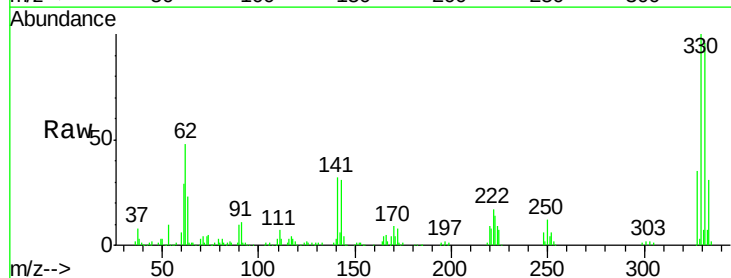
Instrument :
 BNA_F
 ClientSampleID :

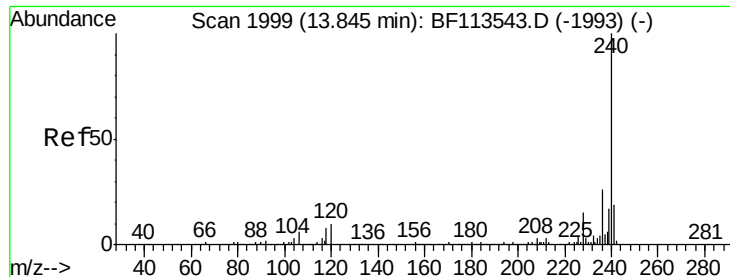
Tot Ion:188 Resp: 420838
 Ion Ratio Lower Upper
 188 100
 94 8.7 7.0 10.6
 80 9.1 7.7 11.5



#67
 4-Bromophenyl-phenylether
 Concen: 3.202 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.26 min
 Lab File: BF113752.D
 Acq: 12 Apr 2019 21:54

Tgt Ion:248 Resp: 15113
 Ion Ratio Lower Upper
 248 100
 250 191.3 78.3 117.5#
 141 499.7 56.2 84.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF113752.D

Acq: 12 Apr 2019 21:54

Instrument :

BNA_F

ClientSampleId :

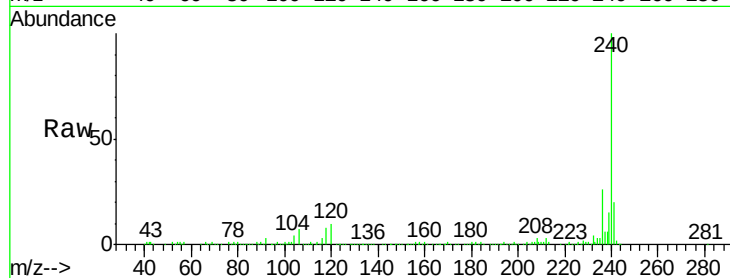
Tot Ion:240 Resp: 319177

Ion Ratio Lower Upper

240 100

120 9.7 8.8 13.2

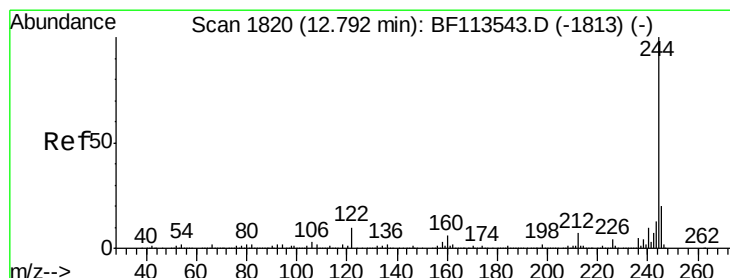
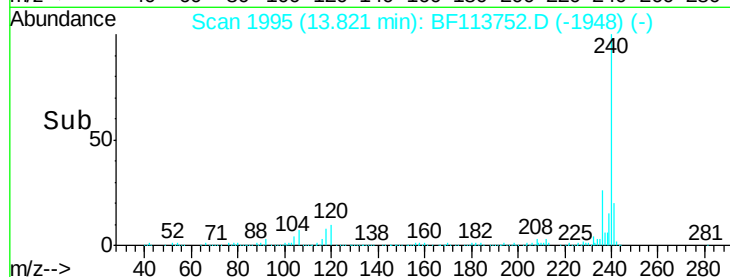
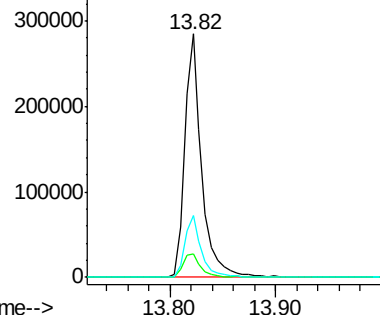
236 25.6 20.9 31.3



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: 74.186 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.03 min

Lab File: BF113752.D

Acq: 12 Apr 2019 21:54

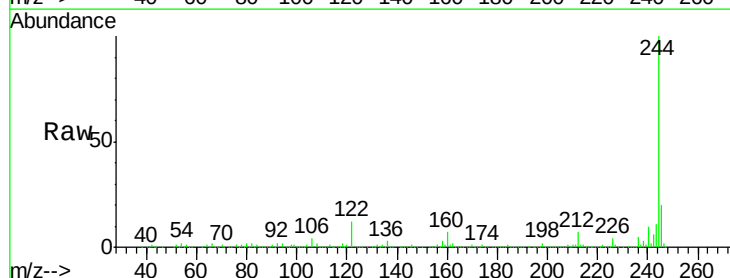
Tgt Ion:244 Resp: 1162986

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

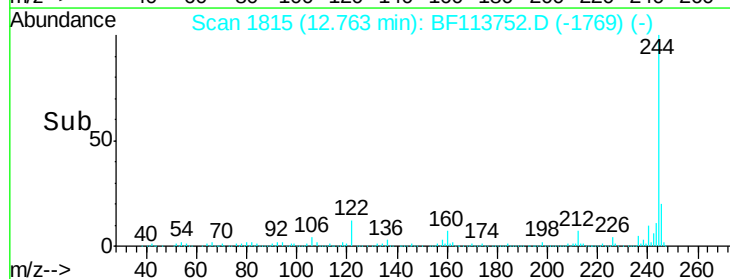
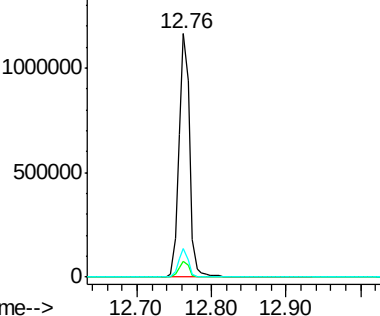
122 11.6 8.6 13.0

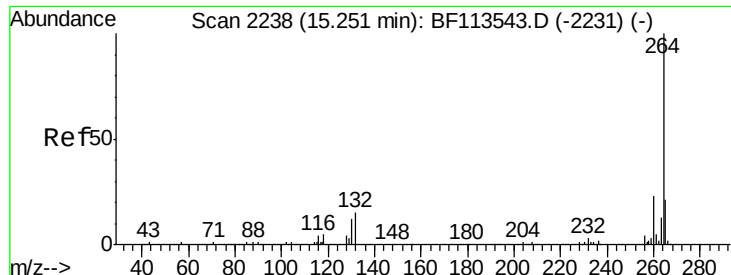


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.23 min Scan# 2234
 Delta R.T. -0.02 min
 Lab File: BF113752.D
 Acq: 12 Apr 2019 21:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.1	28.7
265	21.4	17.1	25.7

