

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
 Data File : BF115506.D
 Acq On : 11 Jul 2019 20:41
 Operator : HP/JU
 Sample : K3746-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LID-B

Quant Time: Jul 12 03:14:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 10 16:47:05 2019
 Response via : Initial Calibration

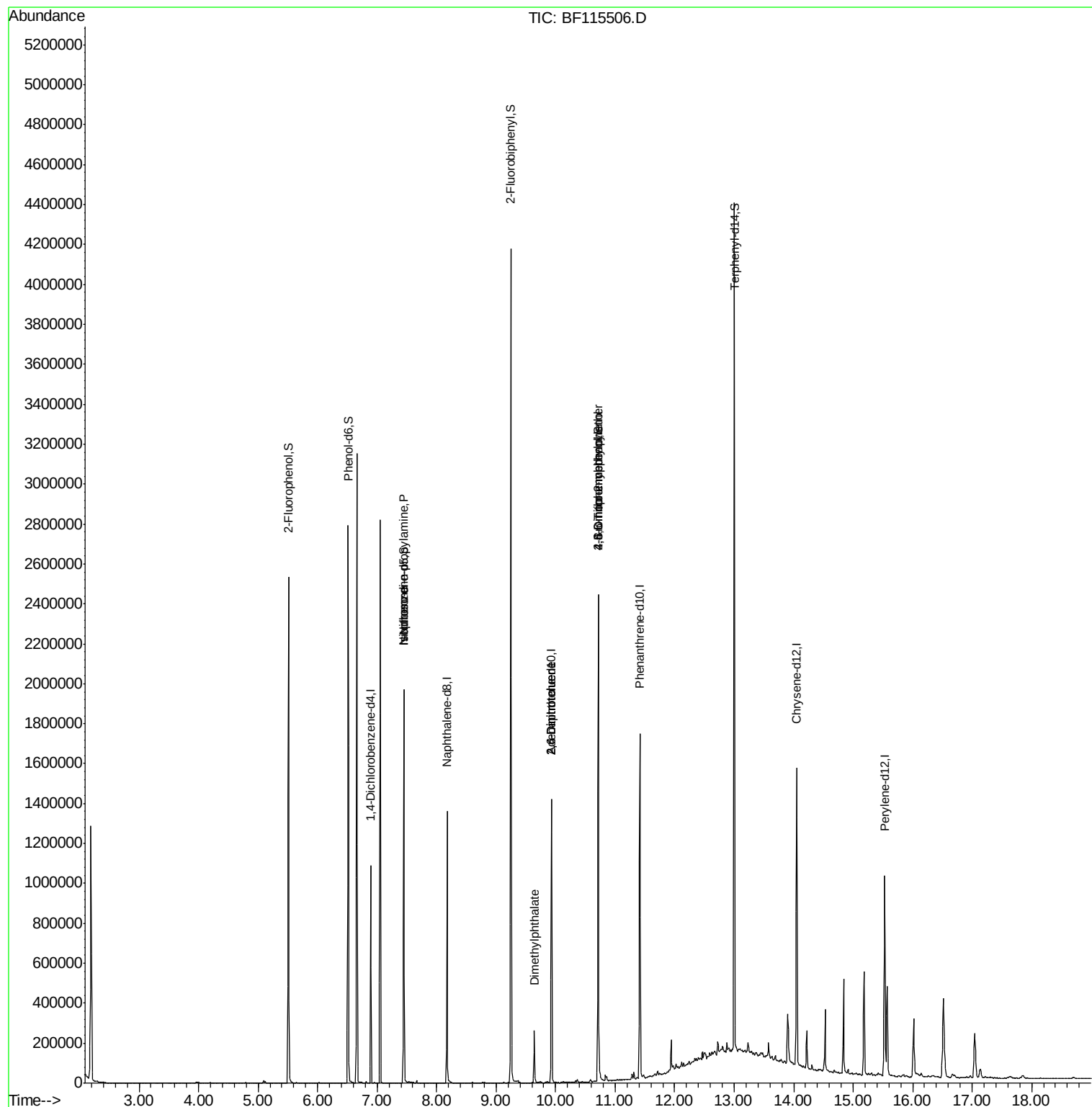
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	144066	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	567653	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	288760	20.00	ng	-0.01
64) Phenanthrene-d10	11.42	188	584755	20.00	ng	0.00
76) Chrysene-d12	14.05	240	499328	20.00	ng	-0.02
87) Perylene-d12	15.53	264	489937	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	794040	85.16	ng	0.00
7) Phenol-d6	6.52	99	1049455	88.50	ng	0.00
23) Nitrobenzene-d5	7.45	82	650510	67.71	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	313736	98.27	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	1218599	74.05	ng	0.00
79) Terphenyl-d14	13.00	244	1519828	62.32	ng	0.00
Target Compounds						
9) Benzaldehyde	6.52	77	1435	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.45	70	85405	10.645 ng	#	76
25) Isophorone	7.45	82	641888	30.823 ng	#	64
50) Dimethylphthalate	9.64	163	110100	5.080 ng		99
51) 2,6-Dinitrotoluene	9.93	165	37002	7.872 ng	#	28
57) 2,4-Dinitrotoluene	9.93	165	37002	6.194 ng	#	24
65) 4,6-Dinitro-2-methylphenol	10.72	198	618	8.002 ng	#	1
67) 4-Bromophenyl-phenylether	10.72	248	18991	2.894 ng	#	1

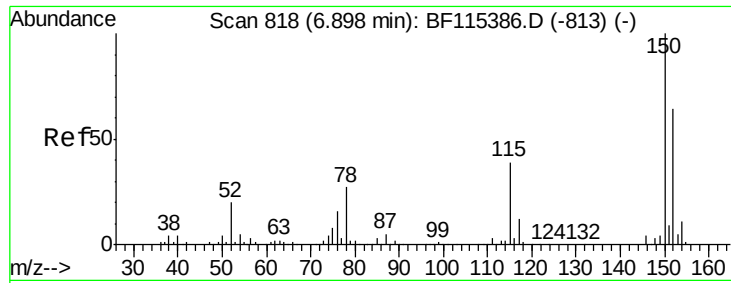
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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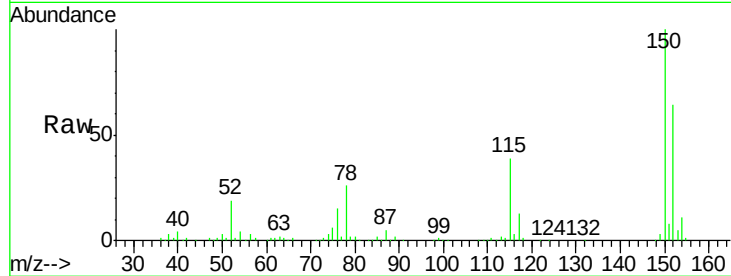


#1

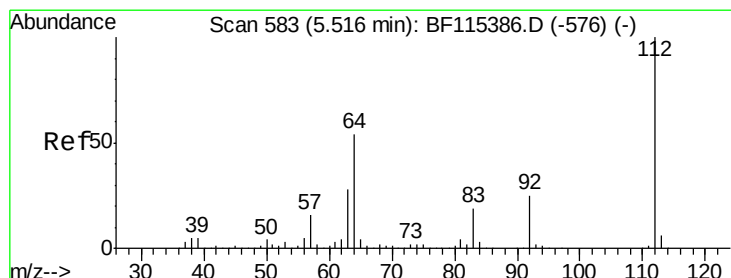
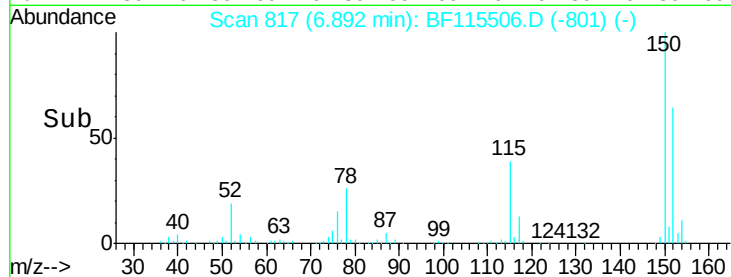
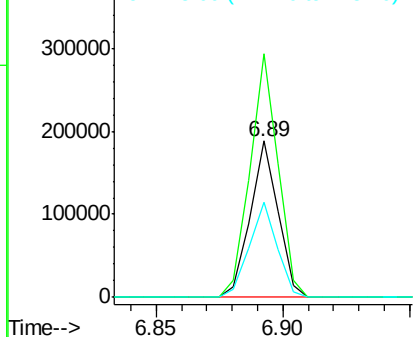
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115506.D
Acq: 11 Jul 2019 20:41

Instrument :
BNA_F
ClientSampleId :
LID-B

Tot Ion:152 Resp: 144066
Ion Ratio Lower Upper
152 100
150 155.7 127.4 191.2
115 60.7 46.2 69.4



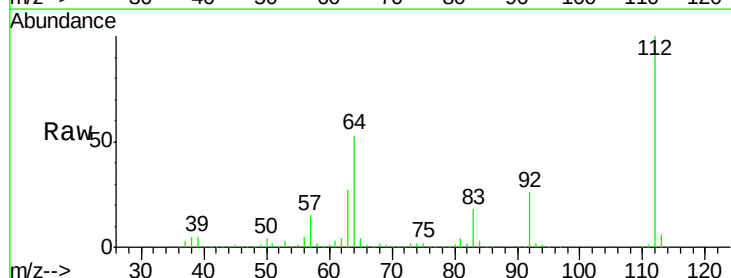
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



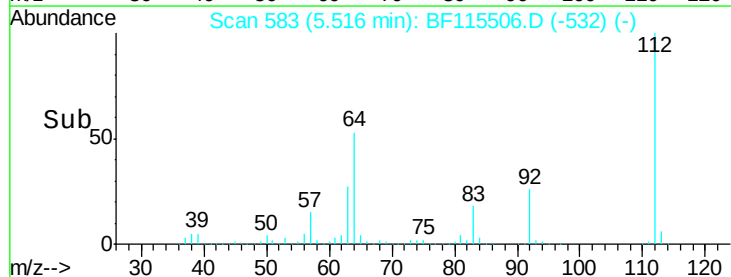
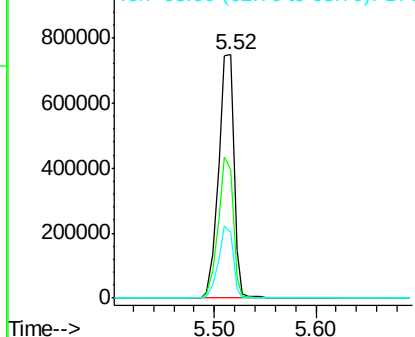
#5

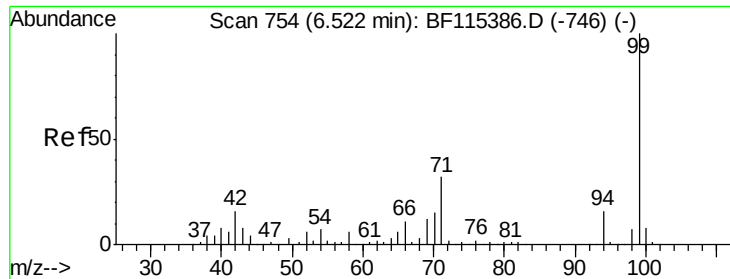
2-Fluorophenol
Concen: 85.156 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF115506.D
Acq: 11 Jul 2019 20:41

Tgt Ion:112 Resp: 794040
Ion Ratio Lower Upper
112 100
64 52.9 44.2 66.2
63 26.8 22.1 33.1



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: 88.496 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF115506.D

Acq: 11 Jul 2019 20:41

Instrument :

BNA_F

ClientSampled :

LID-B

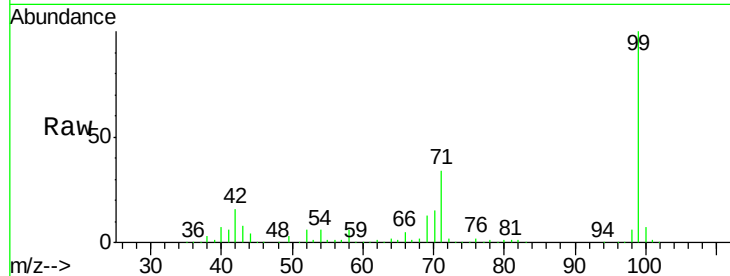
Tot Ion: 99 Resp: 1049455

Ion Ratio Lower Upper

99 100

42 16.1 12.8 19.2

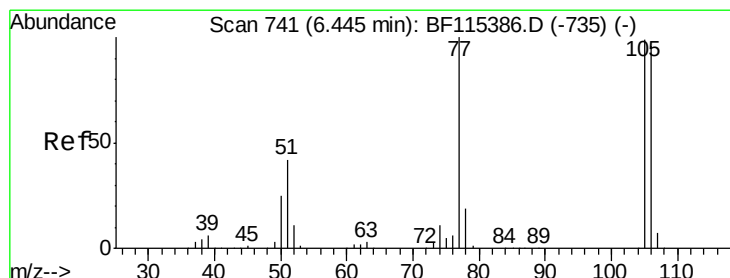
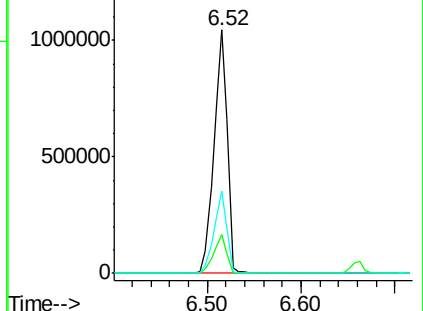
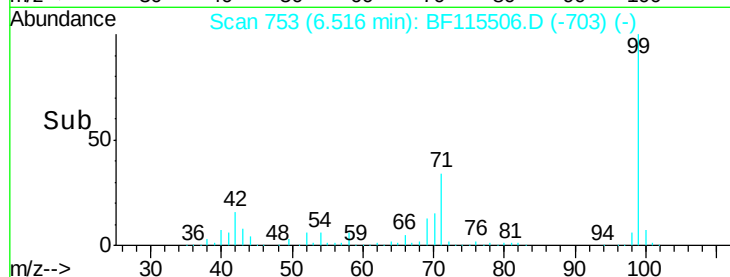
71 33.9 26.5 39.7



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



#9

Benzaldehyde

Concen: Below Cal

RT: 6.52 min Scan# 753

Delta R.T. 0.07 min

Lab File: BF115506.D

Acq: 11 Jul 2019 20:41

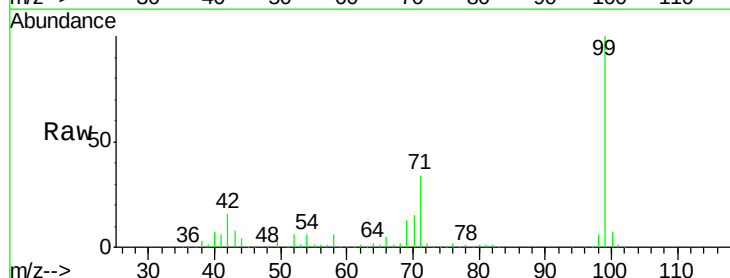
Tgt Ion: 77 Resp: 1435

Ion Ratio Lower Upper

77 100

105 0.0 82.9 122.9#

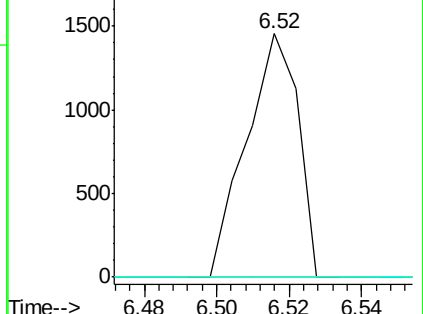
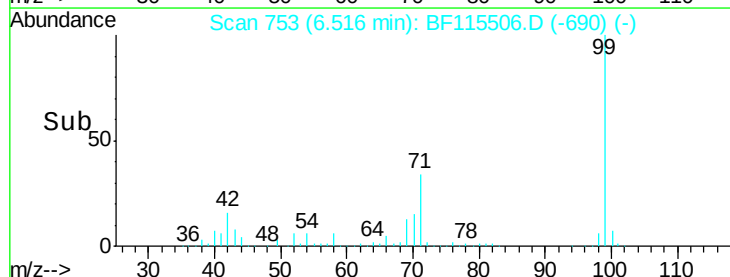
106 0.0 77.8 117.8#

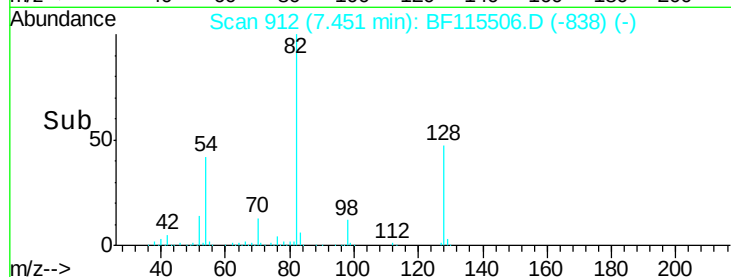
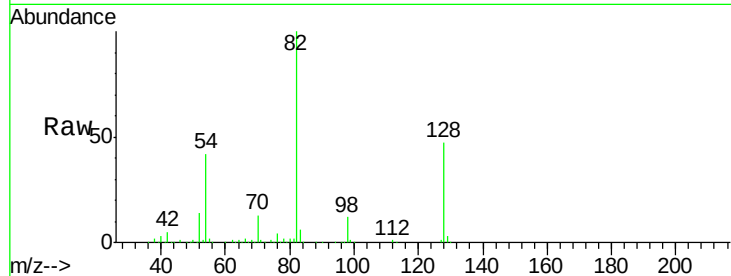
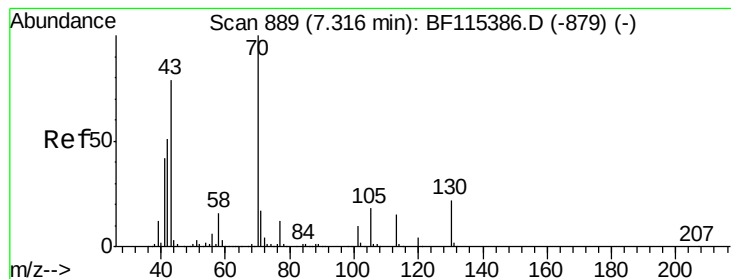


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#19

n-Nitroso-di-n-propylamine

Concen: 10.645 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.14 min

Lab File: BF115506.D

Acq: 11 Jul 2019 20:41

Instrument :

BNA_F

ClientSampleId :

LID-B

Tot Ion: 70 Resp: 85405

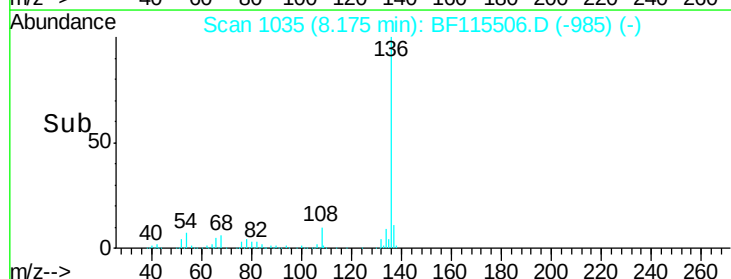
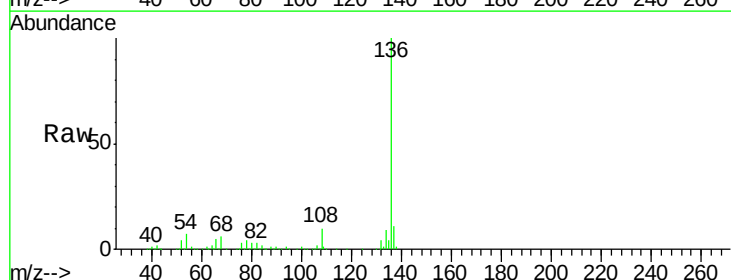
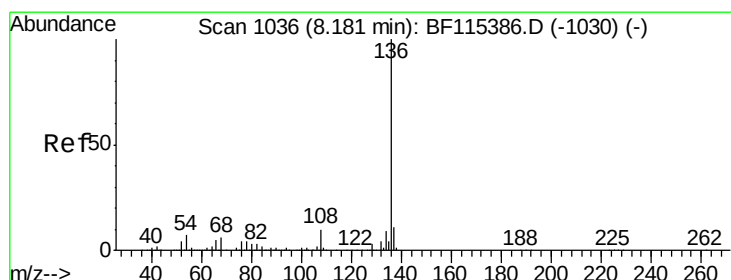
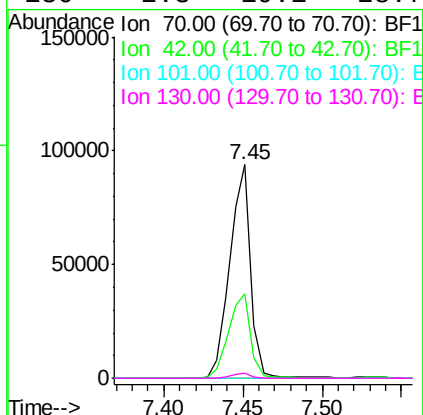
Ion Ratio Lower Upper

70 100

42 39.5 38.5 57.7

101 0.0 8.0 12.0#

130 2.3 19.1 28.7#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF115506.D

Acq: 11 Jul 2019 20:41

Tgt Ion: 136 Resp: 567653

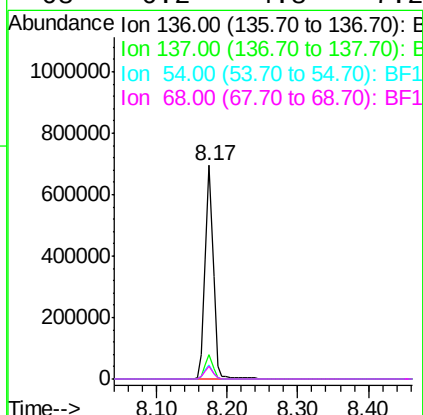
Ion Ratio Lower Upper

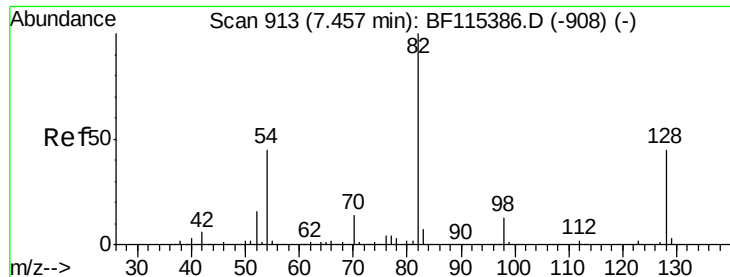
136 100

137 11.2 8.8 13.2

54 6.6 5.4 8.0

68 6.2 4.8 7.2

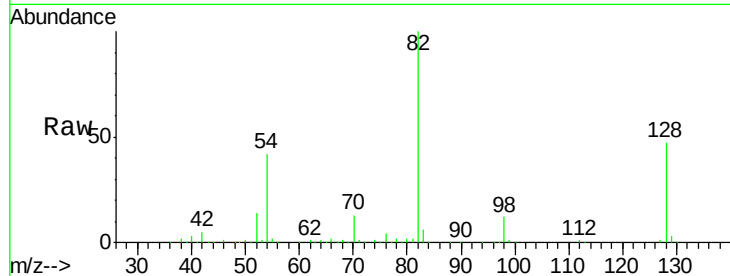




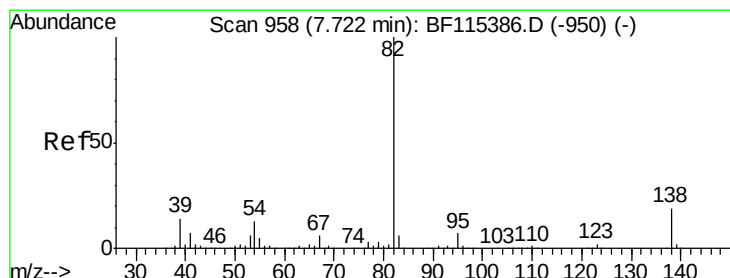
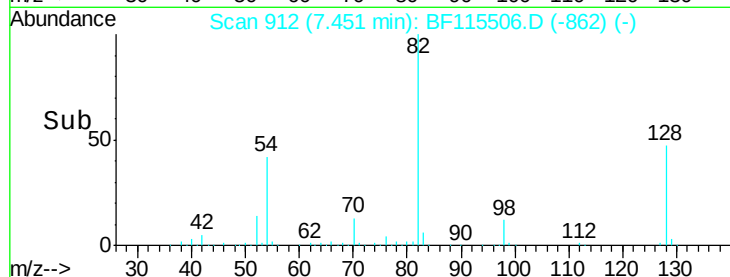
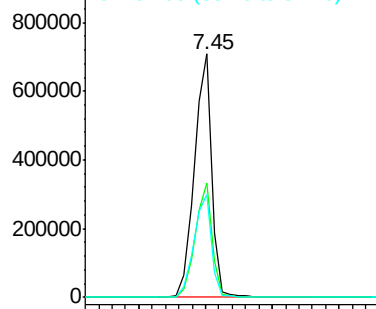
#23
 Nitrobenzene-d5
 Concen: 67.707 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF115506.D
 Acq: 11 Jul 2019 20:41

Instrument :
 BNA_F
 ClientSampled :
 LID-B

Tot Ion	82	Resp	650510
Ion Ratio	Lower	Upper	
82	100		
128	46.8	36.7	55.1
54	42.1	35.6	53.4

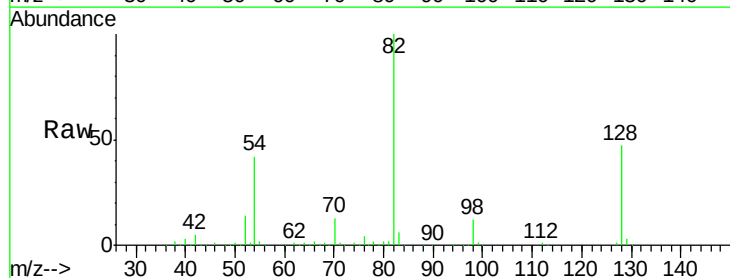


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

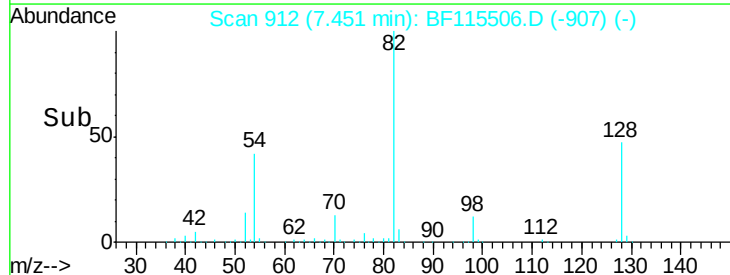
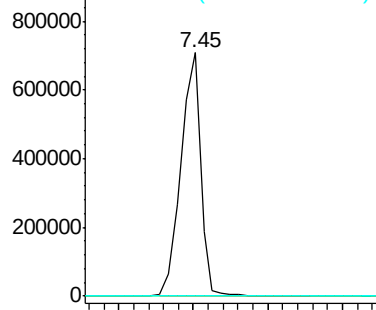


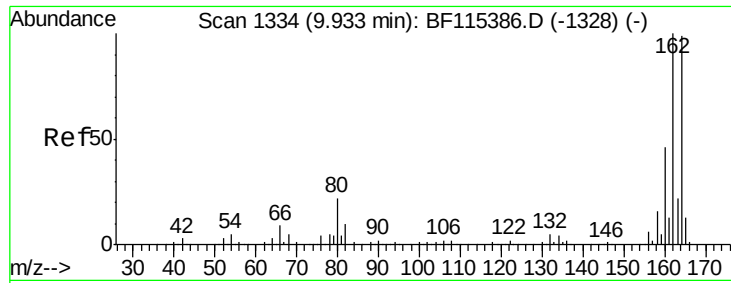
#25
 Isophorone
 Concen: 30.823 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.27 min
 Lab File: BF115506.D
 Acq: 11 Jul 2019 20:41

Tgt Ion	82	Resp	641888
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

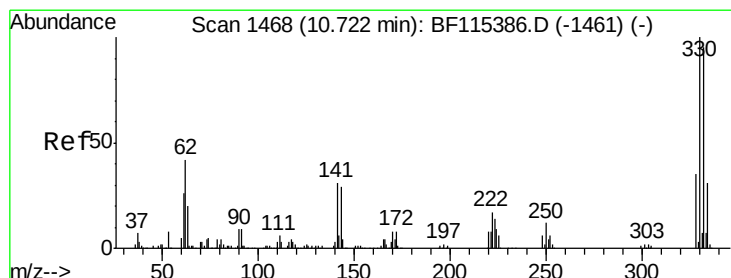
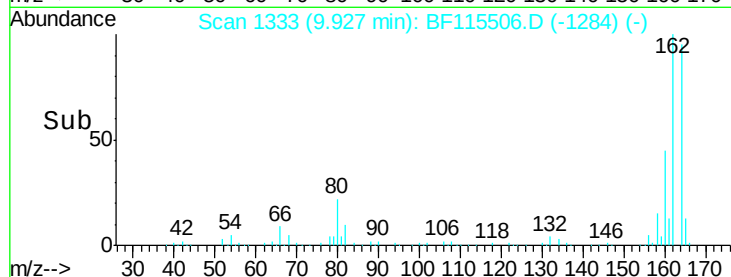
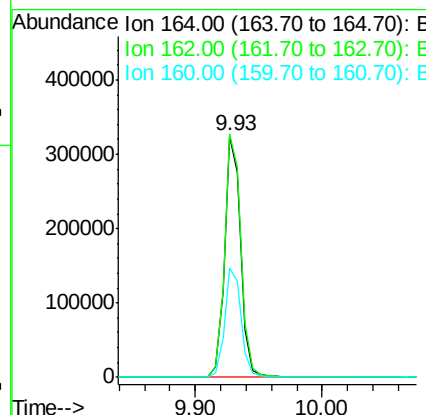
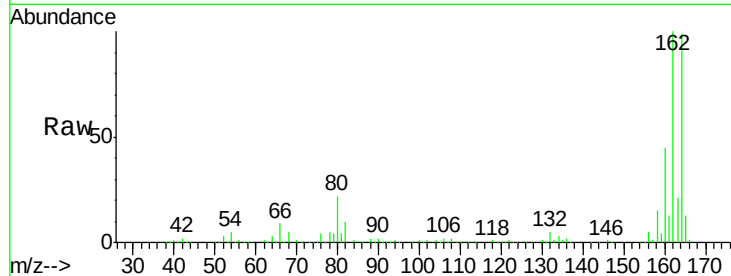




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF115506.D
 Acq: 11 Jul 2019 20:41

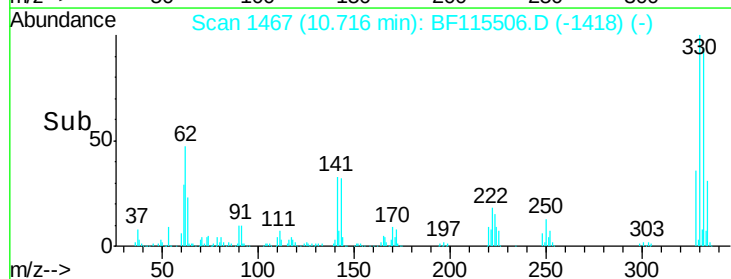
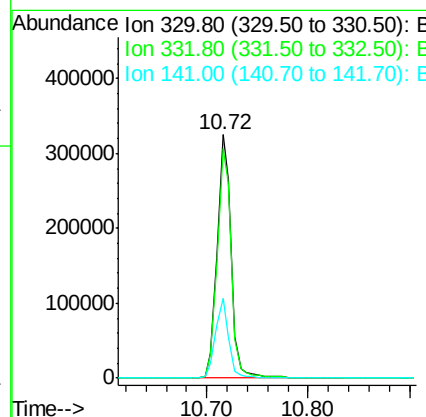
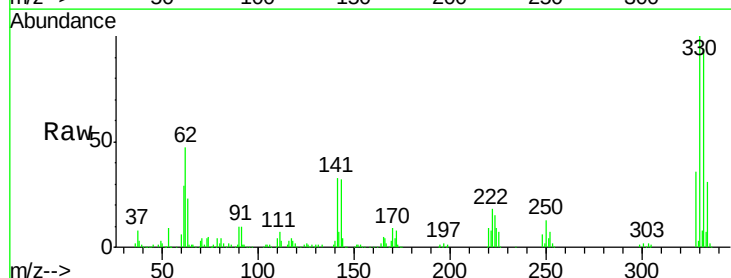
Instrument :
 BNA_F
 ClientSampleId :
 LID-B

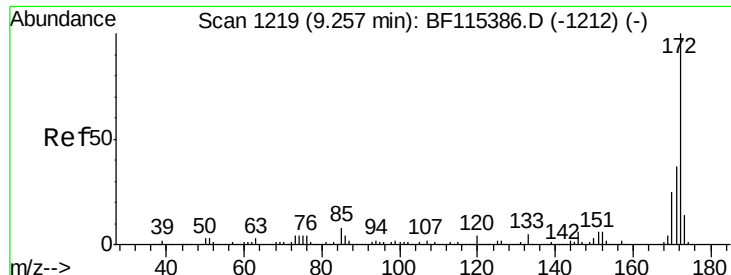
Tot Ion:164 Resp: 288760
 Ion Ratio Lower Upper
 164 100
 162 100.9 82.3 123.5
 160 45.4 37.2 55.8



#42
 2,4,6-Tribromophenol
 Concen: 98.266 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF115506.D
 Acq: 11 Jul 2019 20:41

Tgt Ion:330 Resp: 313736
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.4 116.0
 141 30.9 24.7 37.1

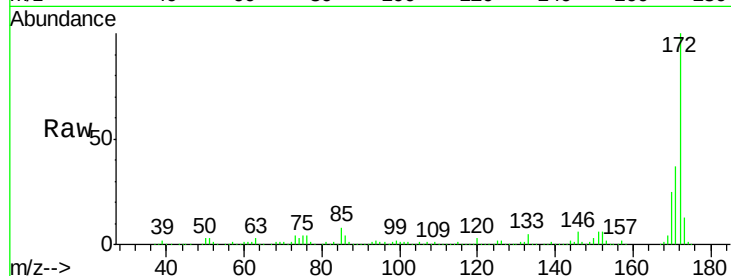




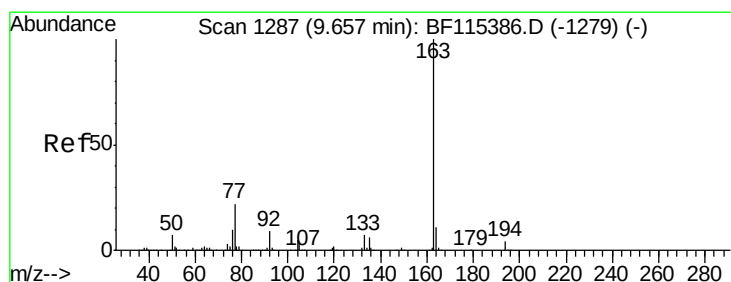
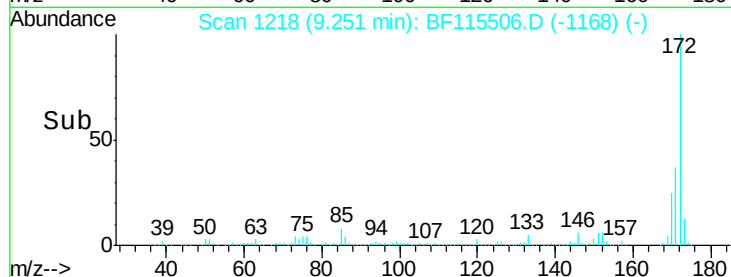
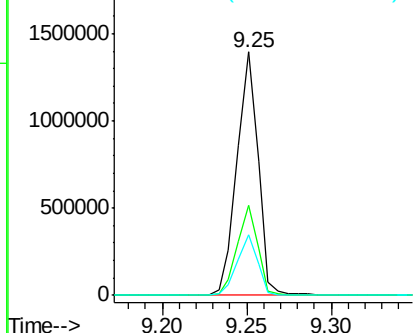
#45
2-Fluorobiphenyl
Concen: 74.052 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF115506.D
Acq: 11 Jul 2019 20:41

Instrument :
BNA_F
ClientSampleId :
LID-B

Tot Ion:172 Resp: 1218599
Ion Ratio Lower Upper
172 100
171 37.2 29.8 44.8
170 24.7 20.0 30.0

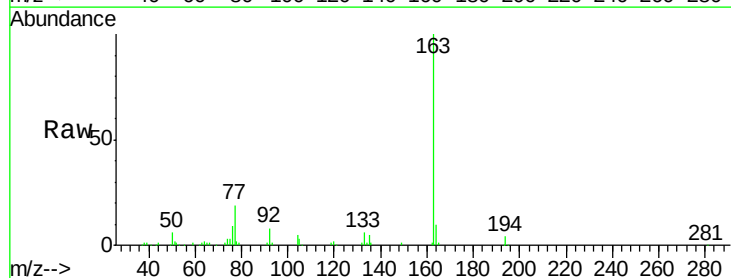


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

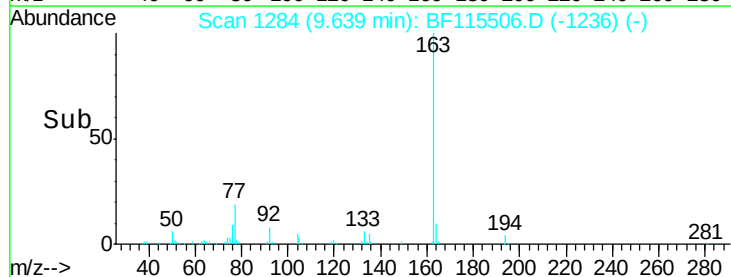
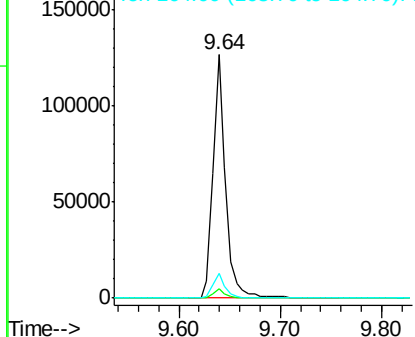


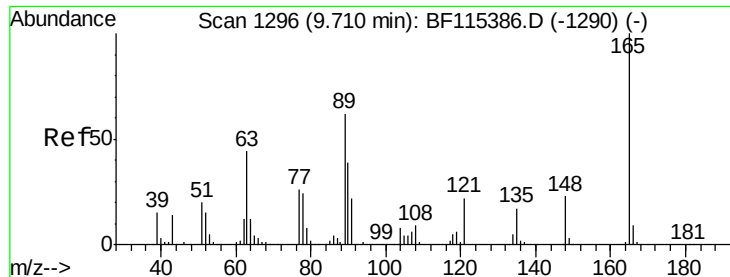
#50
Dimethylphthalate
Concen: 5.080 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF115506.D
Acq: 11 Jul 2019 20:41

Tgt Ion:163 Resp: 110100
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.4 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

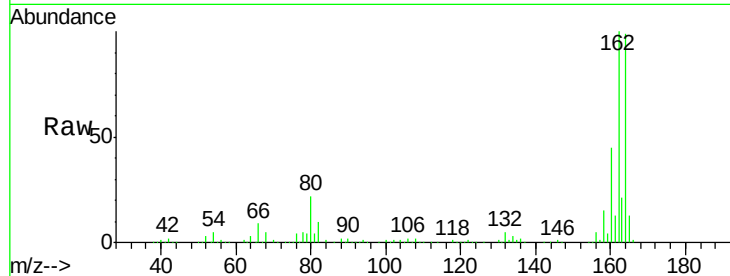




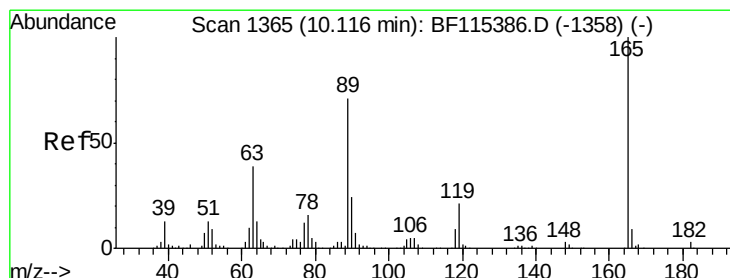
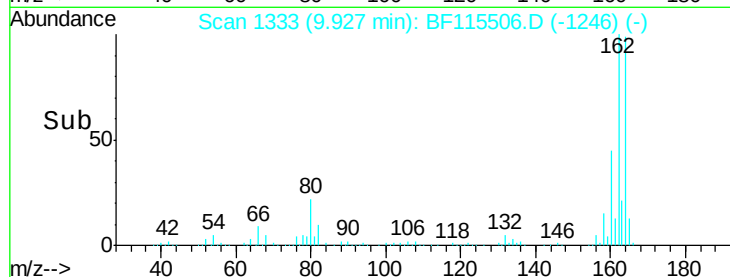
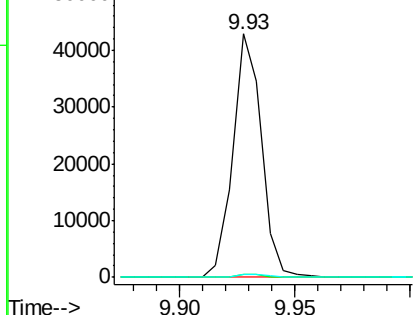
#51
 2,6-Dinitrotoluene
 Concen: 7.872 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.21 min
 Lab File: BF115506.D
 Acq: 11 Jul 2019 20:41

Instrument :
 BNA_F
 ClientSampleId :
 LID-B

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	39.7	59.5#
89	1.0	42.8	64.2#



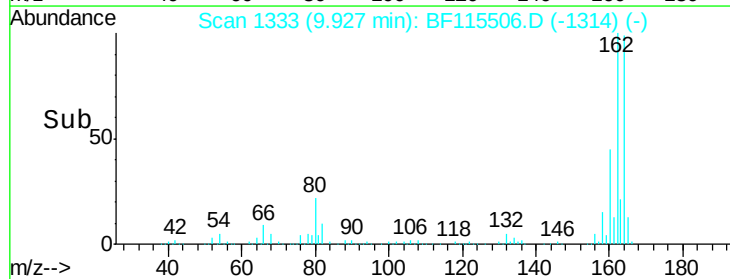
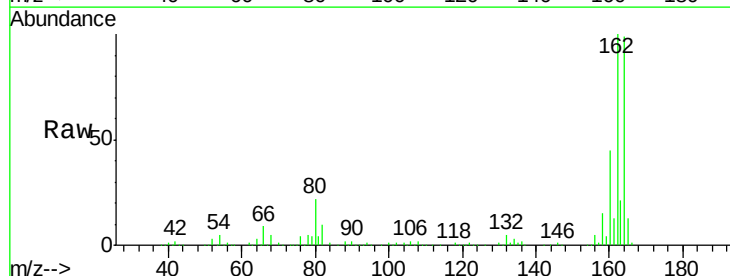
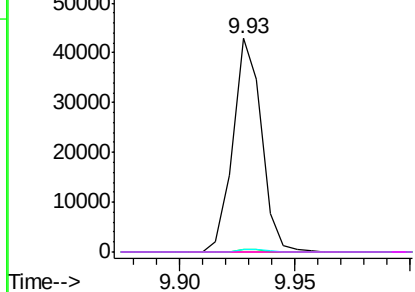
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

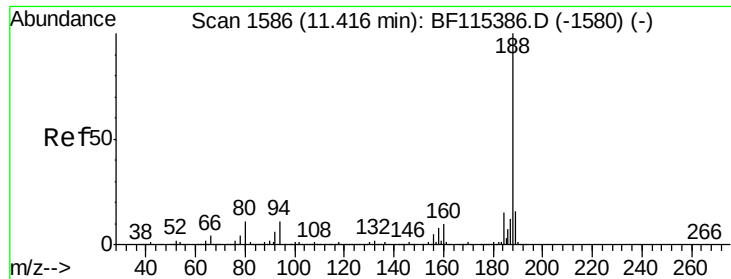


#57
 2,4-Dinitrotoluene
 Concen: 6.194 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.19 min
 Lab File: BF115506.D
 Acq: 11 Jul 2019 20:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	33.0	49.4#
89	1.0	58.5	87.7#
182	0.0	2.1	3.1#

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

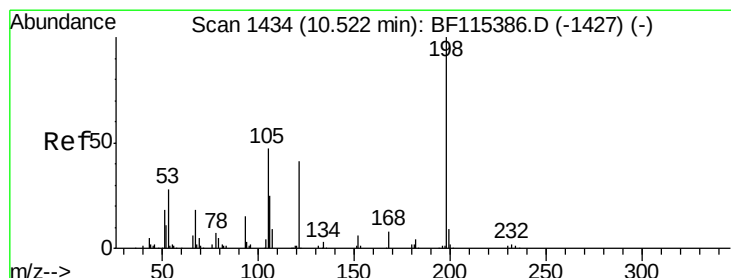
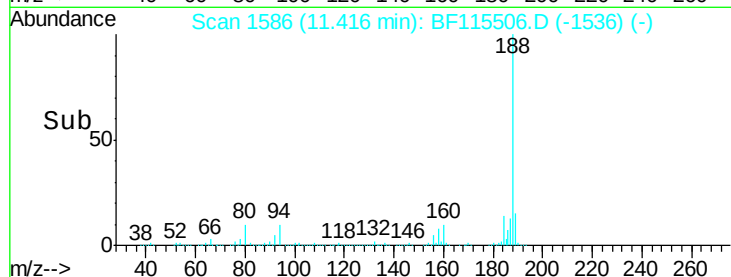
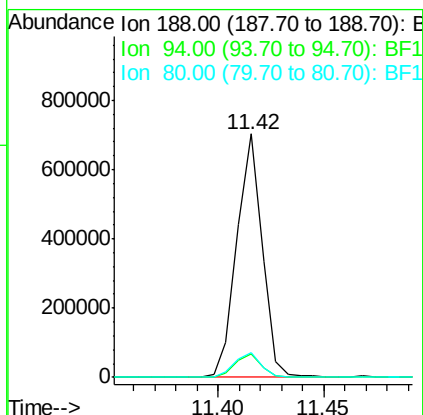
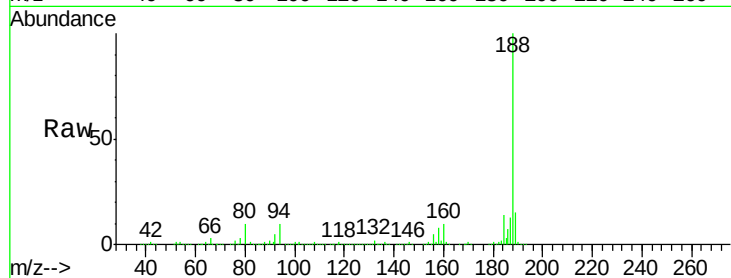




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF115506.D
Acq: 11 Jul 2019 20:41

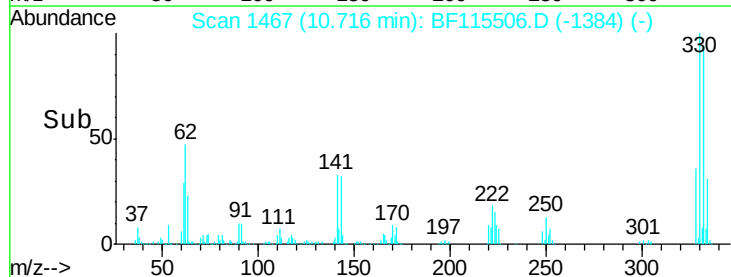
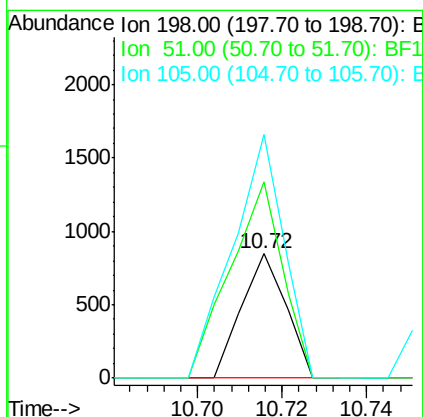
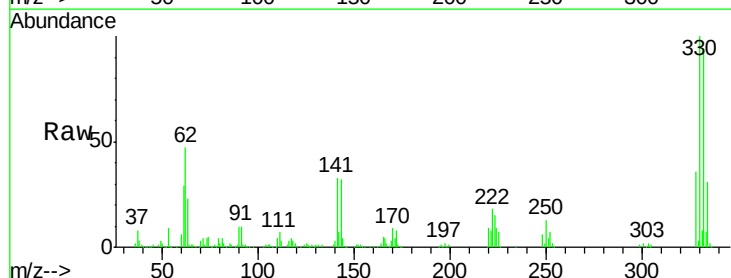
Instrument :
BNA_F
ClientSampleId :
LID-B

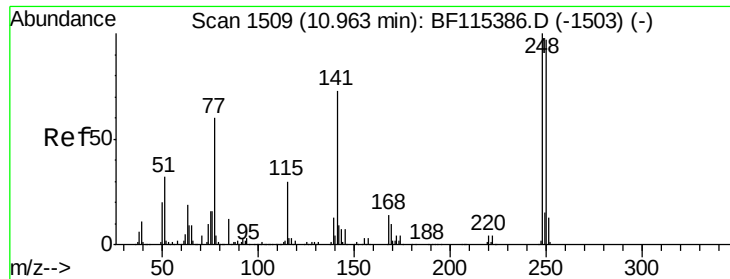
Tot Ion:188 Resp: 584755
Ion Ratio Lower Upper
188 100
94 9.6 7.8 11.8
80 10.3 8.4 12.6



#65
4,6-Dinitro-2-methylphenol
Concen: 8.002 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.19 min
Lab File: BF115506.D
Acq: 11 Jul 2019 20:41

Tgt Ion:198 Resp: 618
Ion Ratio Lower Upper
198 100
51 157.5 20.7 60.7#
105 195.6 25.3 65.3#

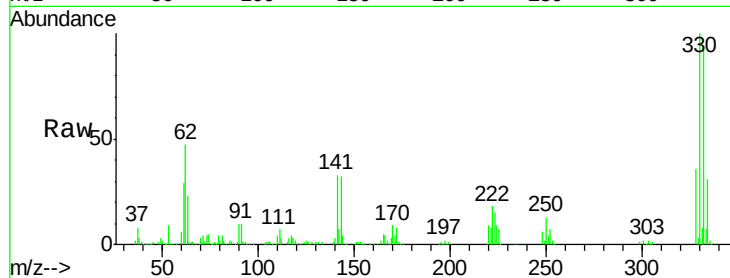




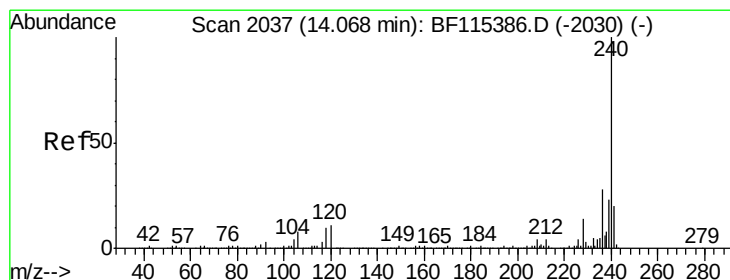
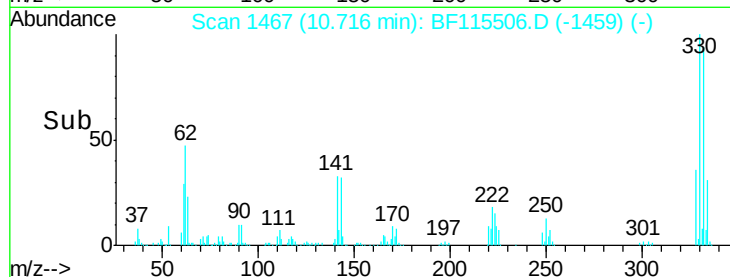
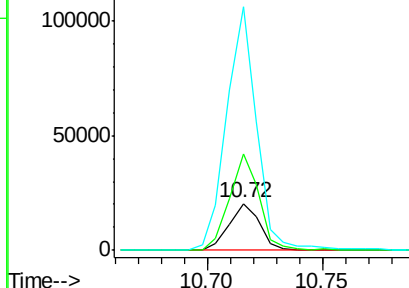
#67
4-Bromophenyl-phenylether
Concen: 2.894 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.25 min
Lab File: BF115506.D
Acq: 11 Jul 2019 20:41

Instrument :
BNA_F
ClientSampled :
LID-B

Tot Ion:248 Resp: 18991
Ion Ratio Lower Upper
248 100
250 206.5 78.3 117.5#
141 519.0 52.2 78.2#

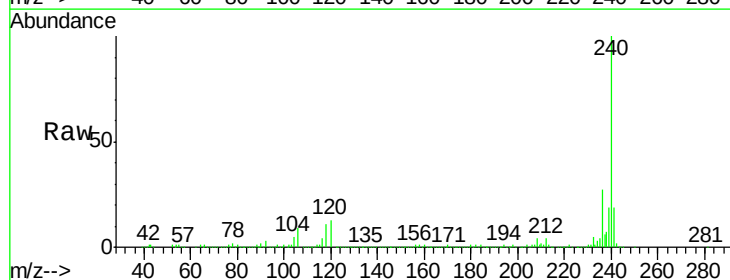


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

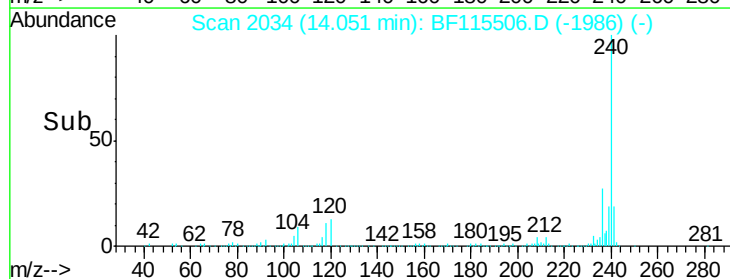
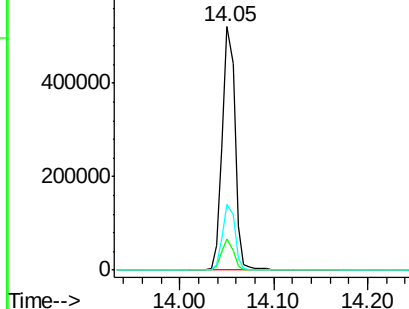


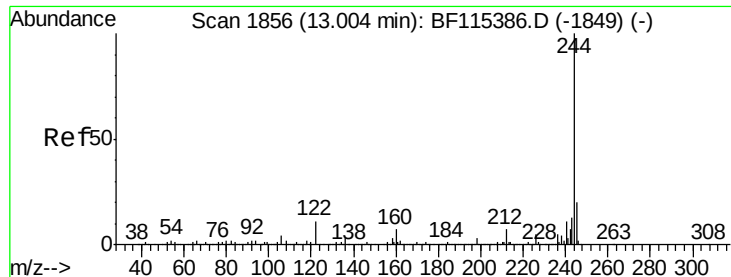
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF115506.D
Acq: 11 Jul 2019 20:41

Tgt Ion:240 Resp: 499328
Ion Ratio Lower Upper
240 100
120 12.7 10.2 15.4
236 26.7 21.1 31.7



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: 62.321 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF115506.D

Acq: 11 Jul 2019 20:41

Instrument :

BNA_F

ClientSampleId :

LID-B

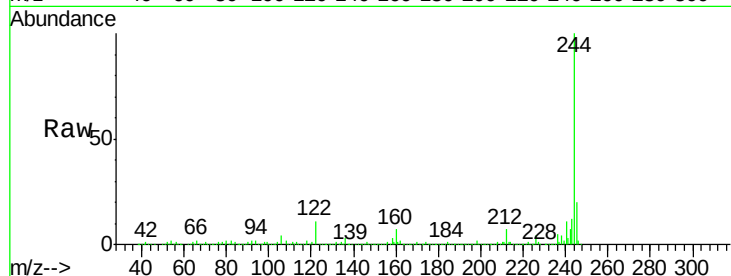
Tot Ion:244 Resp: 1519828

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

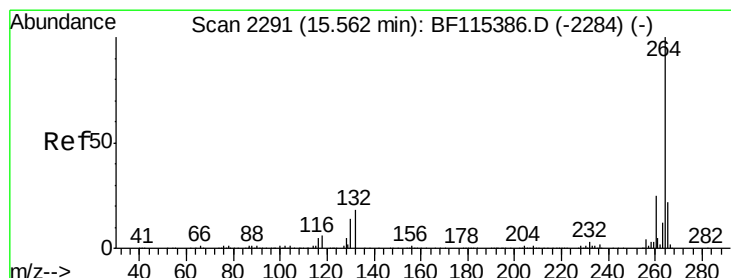
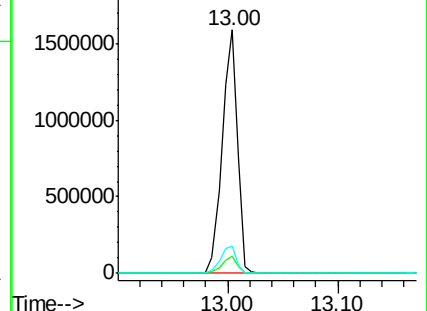
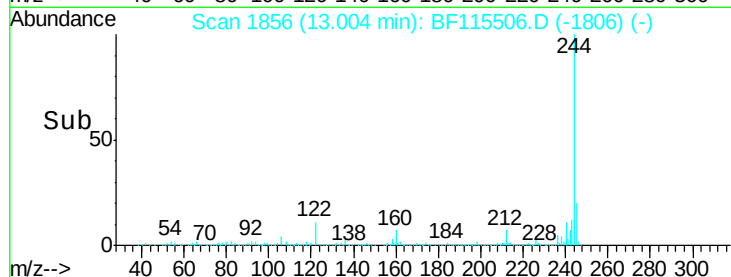
122 11.0 9.1 13.7



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: 15.53 min Scan# 2285

Delta R.T. -0.04 min

Lab File: BF115506.D

Acq: 11 Jul 2019 20:41

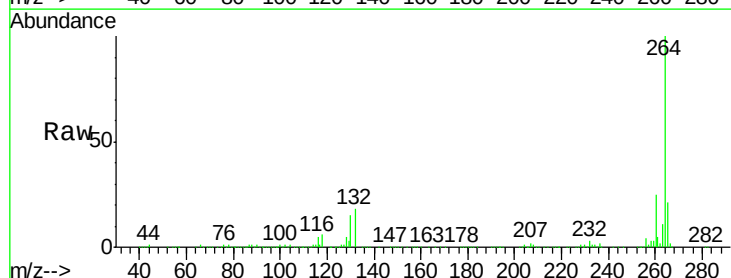
Tgt Ion:264 Resp: 489937

Ion Ratio Lower Upper

264 100

260 24.9 20.1 30.1

265 21.4 17.8 26.6



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

