

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071019\
 Data File : BF115454.D
 Acq On : 10 Jul 2019 14:39
 Operator : HP/JU
 Sample : K3636-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 10 16:55:40 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	6.90	152	111798	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	429831	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	213902	20.00	ng	-0.01
64) Phenanthrene-d10	11.42	188	426664	20.00	ng	0.00
76) Chrysene-d12	14.06	240	288813	20.00	ng	-0.01
87) Perylene-d12	15.55	264	430548	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	383556	53.01	ng	0.00
7) Phenol-d6	6.51	99	316523	34.39	ng	-0.01
23) Nitrobenzene-d5	7.45	82	618208	84.98	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	272295	115.13	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	1146395	94.04	ng	0.00
79) Terphenyl-d14	13.00	244	1334459	94.60	ng	0.00

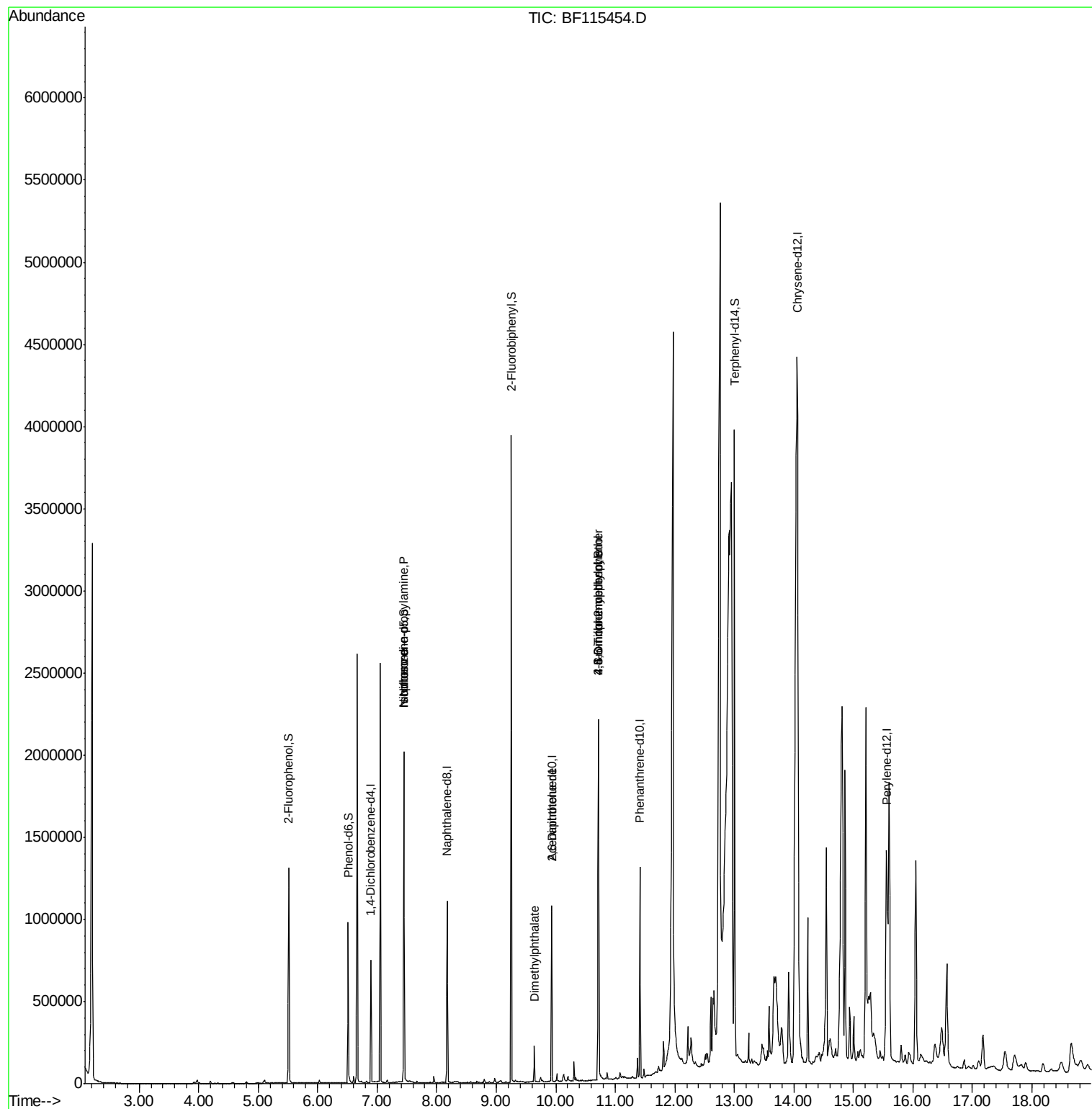
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.51	77	498	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.45	70	81595	13.106	ng	# 79
25) Isophorone	7.45	82	613699	38.919	ng	# 64
50) Dimethylphthalate	9.64	163	74943	4.668	ng	# 99
51) 2,6-Dinitrotoluene	9.93	165	27680	7.950	ng	# 28
65) 4,6-Dinitro-2-methylphenol	10.72	198	551	8.043	ng	# 1
67) 4-Bromophenyl-phenylether	10.72	248	16042	3.351	ng	# 1

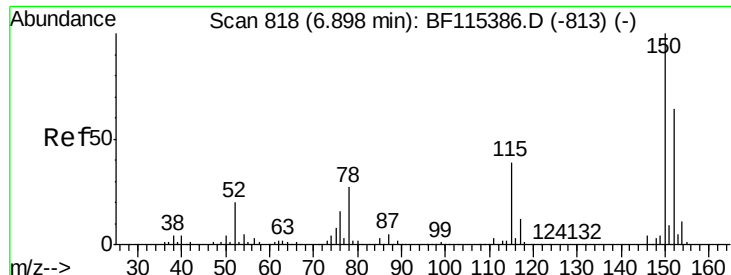
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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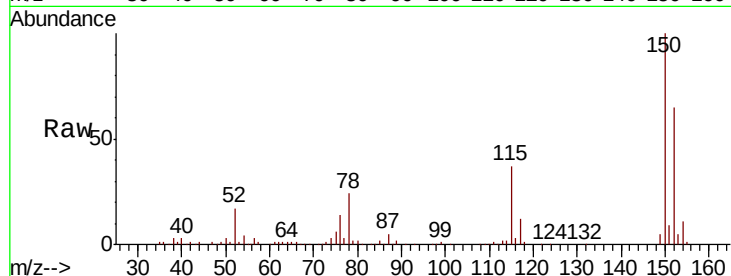


#1

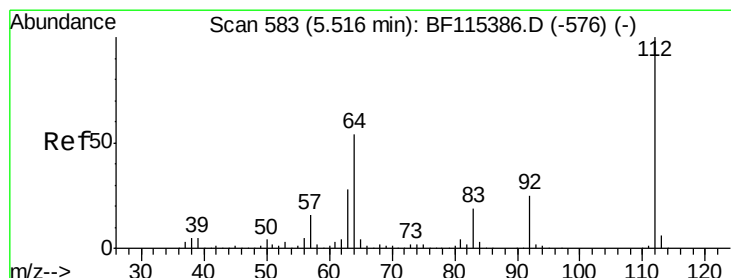
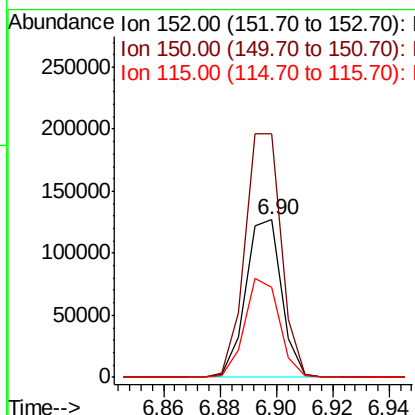
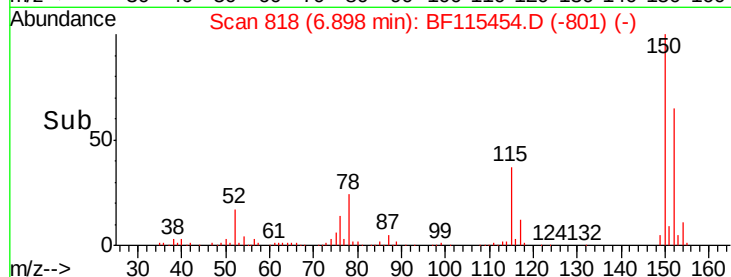
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF115454.D
Acq: 10 Jul 2019 14:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 111798
Ion Ratio Lower Upper
152 100
150 154.5 127.4 191.2
115 56.9 46.2 69.4



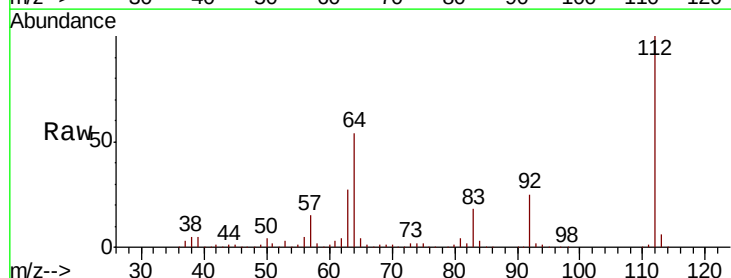
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



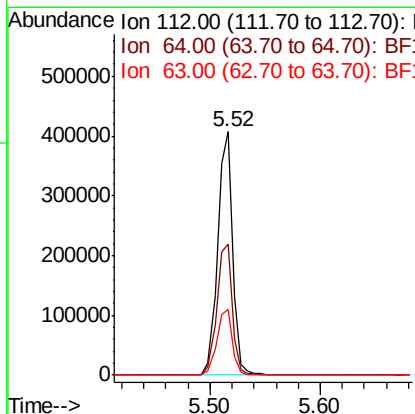
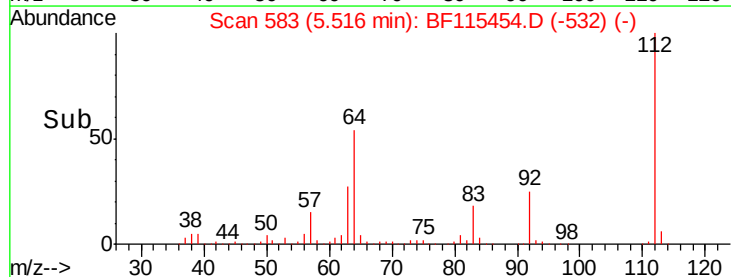
#5

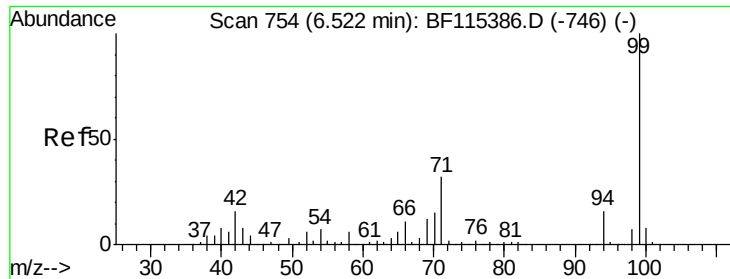
2-Fluorophenol
Concen: 53.007 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF115454.D
Acq: 10 Jul 2019 14:39

Tgt Ion:112 Resp: 383556
Ion Ratio Lower Upper
112 100
64 53.7 44.2 66.2
63 27.0 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: 34.395 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115454.D

Acq: 10 Jul 2019 14:39

Instrument :

BNA_F

ClientSampled :

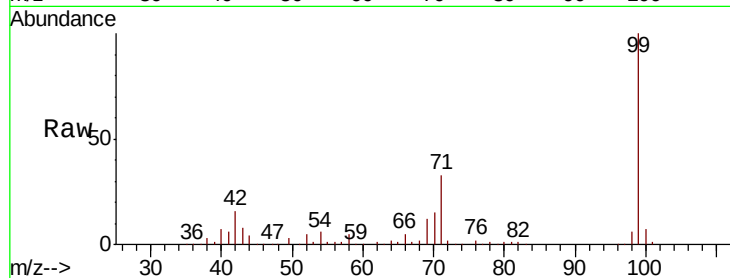
Tot Ion: 99 Resp: 316523

Ion Ratio Lower Upper

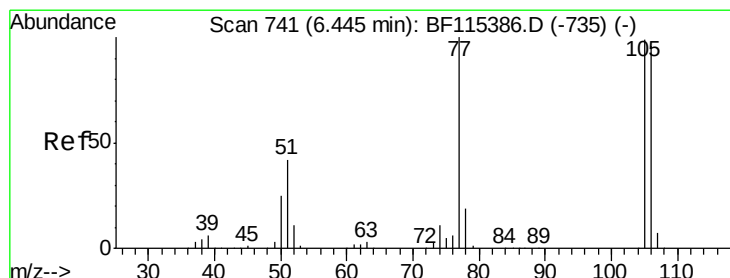
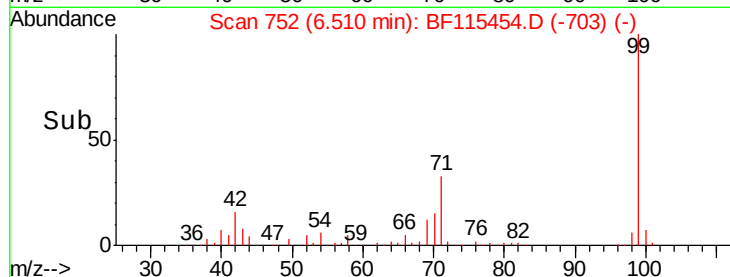
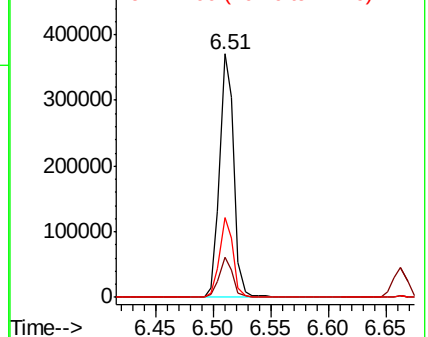
99 100

42 16.2 12.8 19.2

71 32.5 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: 6.51 min Scan# 752

Delta R.T. 0.06 min

Lab File: BF115454.D

Acq: 10 Jul 2019 14:39

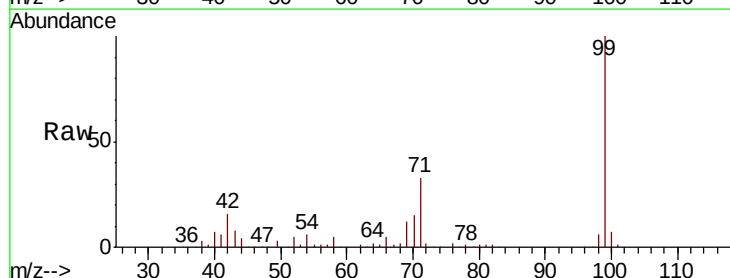
Tgt Ion: 77 Resp: 498

Ion Ratio Lower Upper

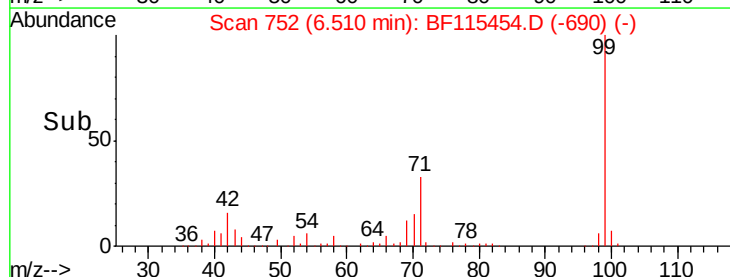
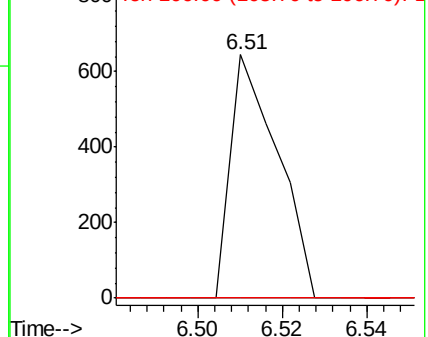
77 100

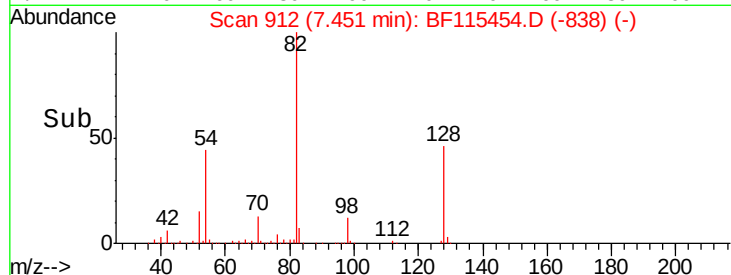
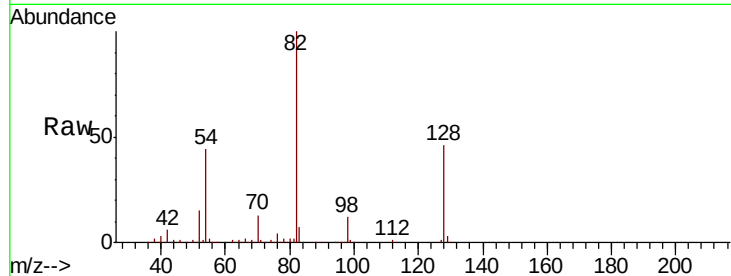
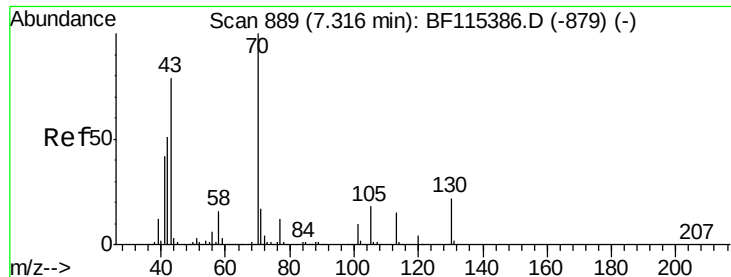
105 0.0 82.9 122.9#

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): E
Ion 106.00 (105.70 to 106.70): E

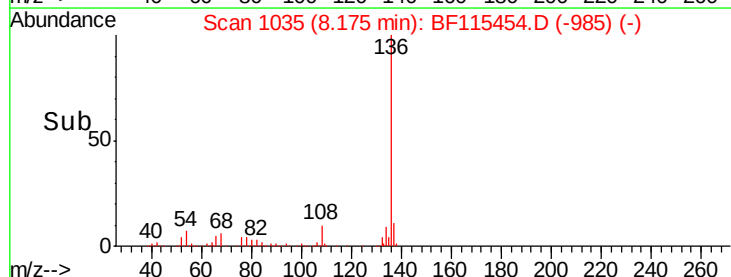
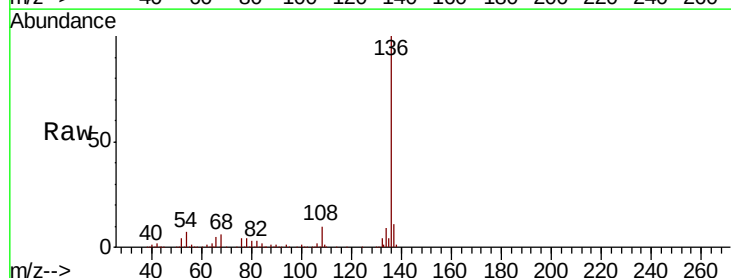
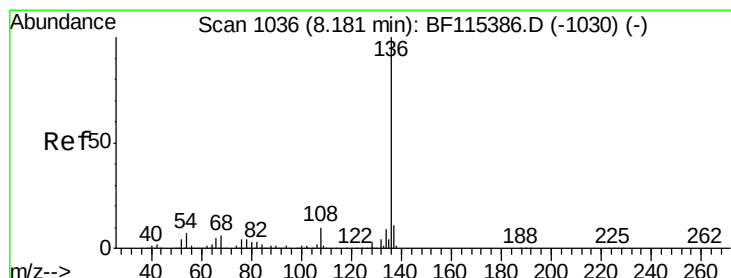
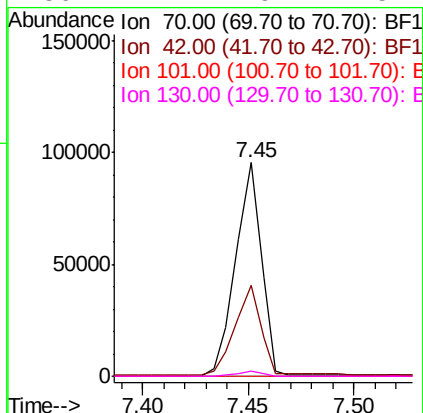




#19
n-Nitroso-di-n-propylamine
Concen: 13.106 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF115454.D
Acq: 10 Jul 2019 14:39

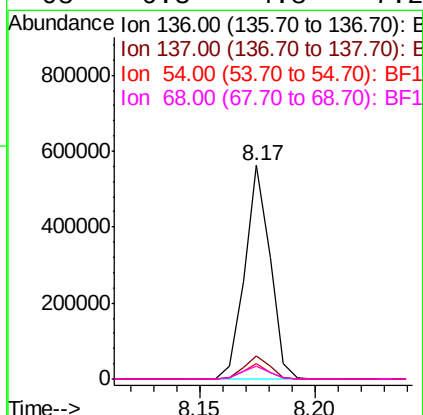
Instrument :
BNA_F
ClientSampleId :

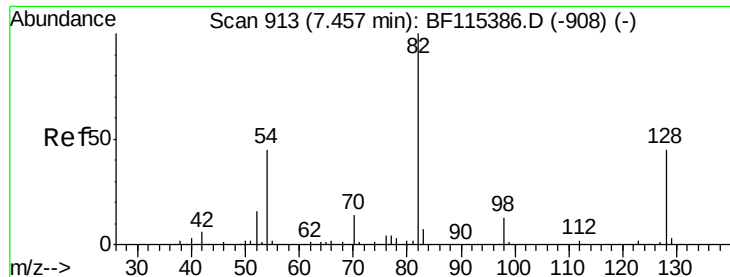
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	42.6	38.5	57.7	
101	0.0	8.0	12.0	#
130	2.2	19.1	28.7	#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF115454.D
Acq: 10 Jul 2019 14:39

Tgt Ion	Ion	Ratio	Lower	Upper
136	100			
137	11.1	8.8	13.2	
54	7.0	5.4	8.0	
68	6.3	4.8	7.2	

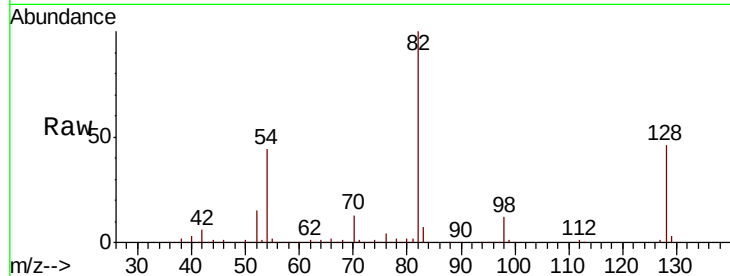




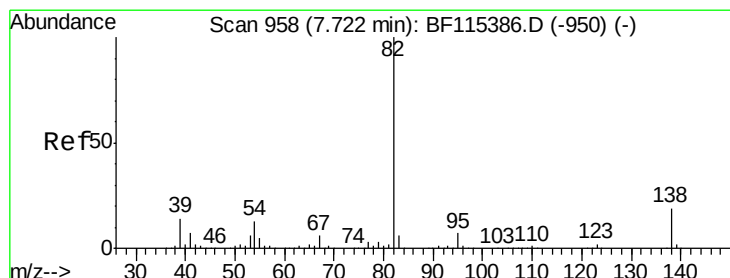
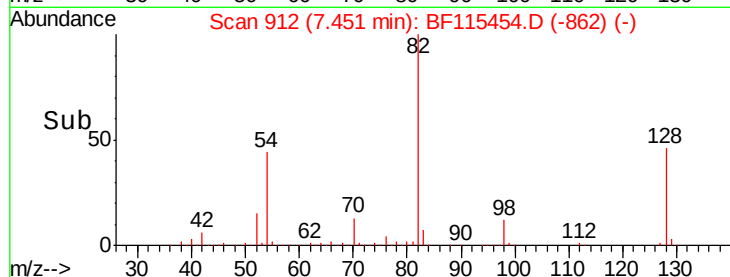
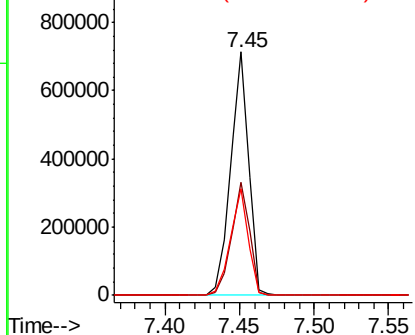
#23
 Nitrobenzene-d5
 Concen: 84.977 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF115454.D
 Acq: 10 Jul 2019 14:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	618208
Ion Ratio	Lower	Upper	
82	100		
128	46.3	36.7	55.1
54	43.9	35.6	53.4

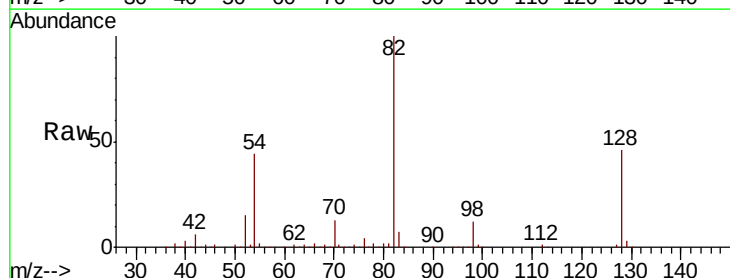


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

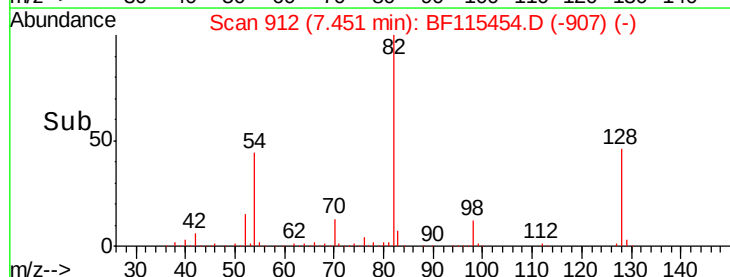
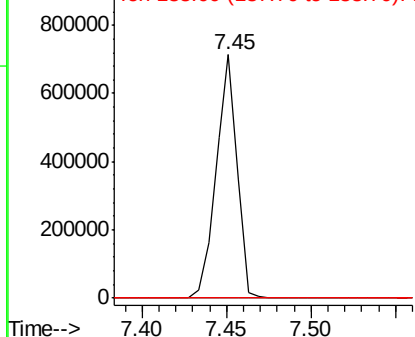


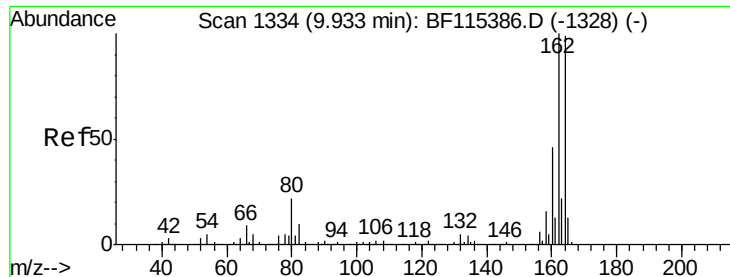
#25
 Isophorone
 Concen: 38.919 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.27 min
 Lab File: BF115454.D
 Acq: 10 Jul 2019 14:39

Tgt Ion	82	Resp	613699
Ion Ratio	Lower	Upper	
82	100		
95	0.1	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

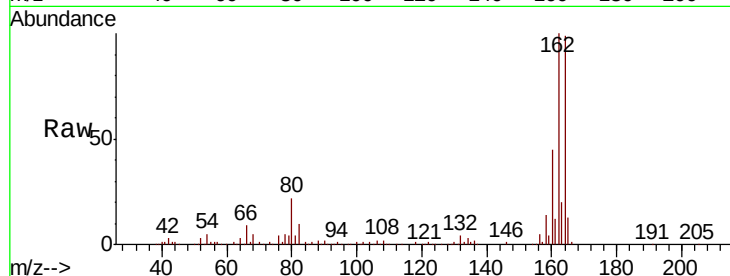




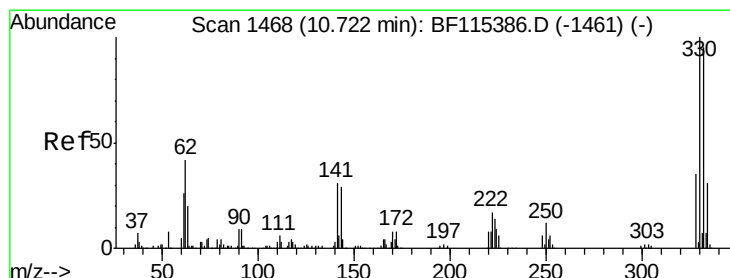
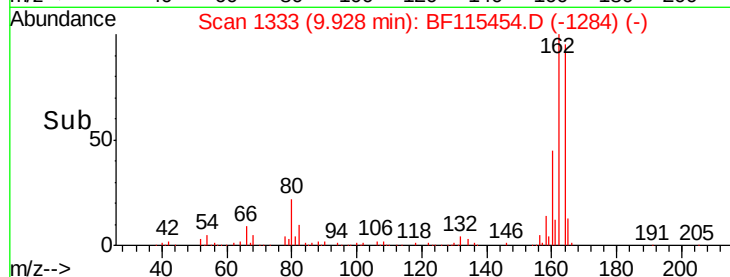
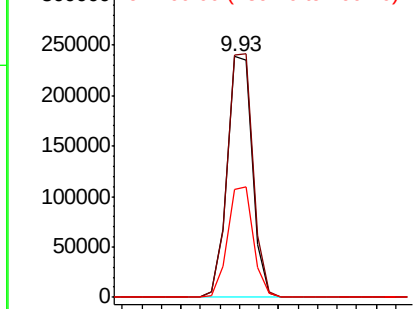
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF115454.D
Acq: 10 Jul 2019 14:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 213902
Ion Ratio Lower Upper
164 100
162 100.5 82.3 123.5
160 44.8 37.2 55.8

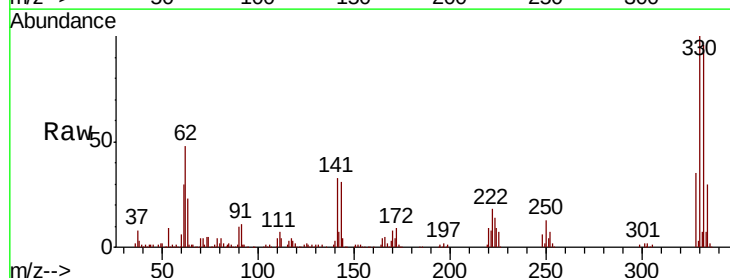


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

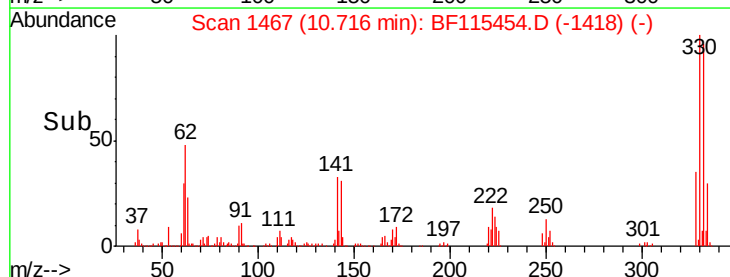
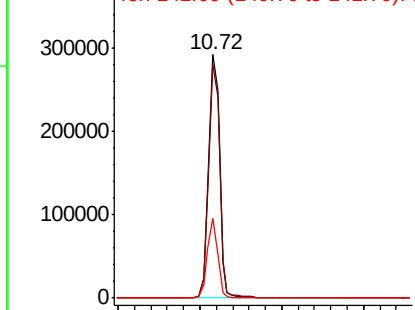


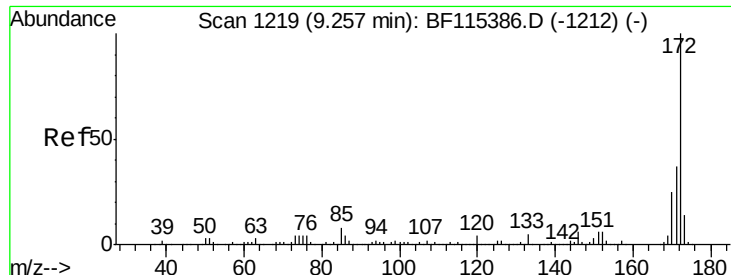
#42
2,4,6-Tribromophenol
Concen: 115.133 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF115454.D
Acq: 10 Jul 2019 14:39

Tgt Ion:330 Resp: 272295
Ion Ratio Lower Upper
330 100
332 96.0 77.4 116.0
141 31.1 24.7 37.1



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

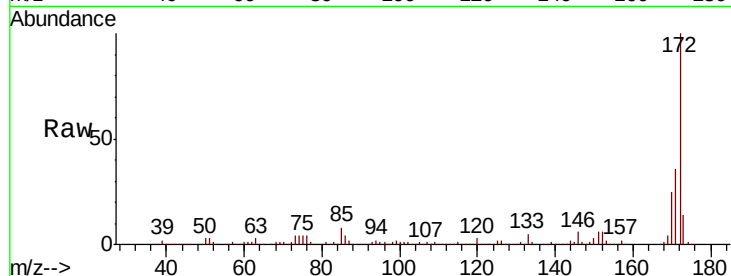




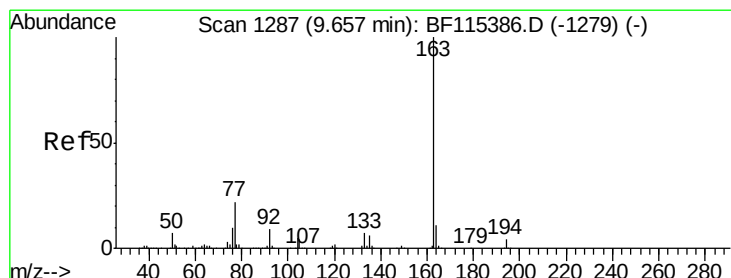
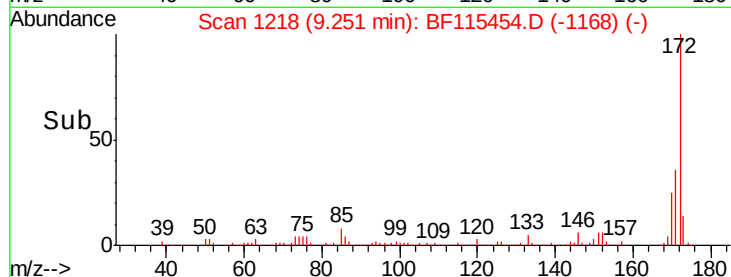
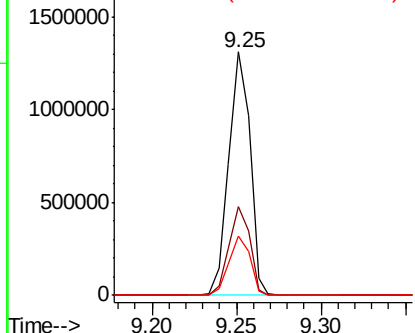
#45
2-Fluorobiphenyl
Concen: 94.045 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF115454.D
Acq: 10 Jul 2019 14:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1146395
Ion Ratio Lower Upper
172 100
171 36.3 29.8 44.8
170 24.5 20.0 30.0

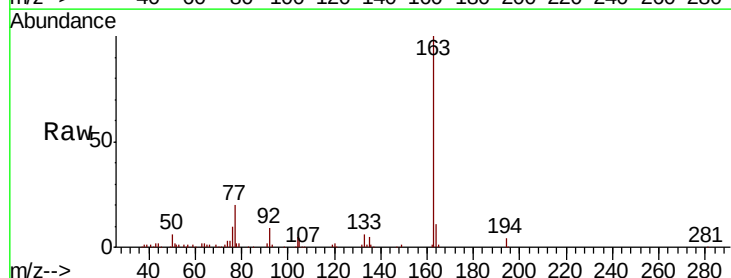


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

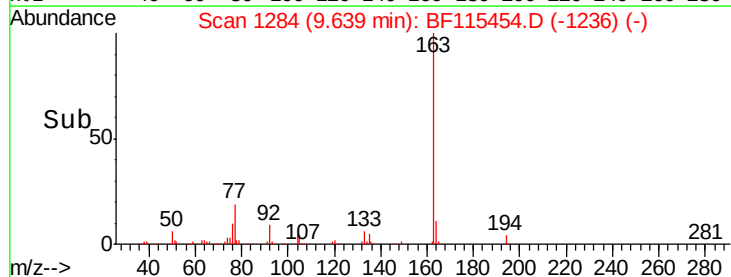
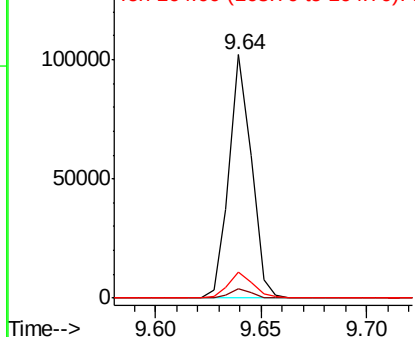


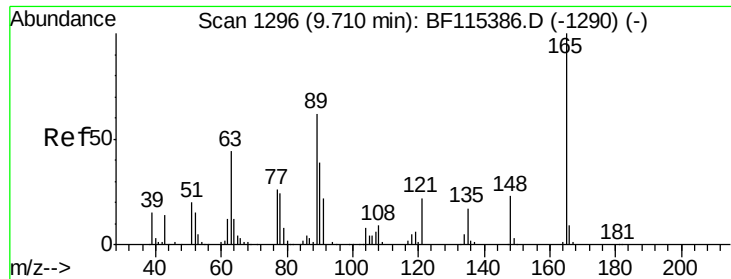
#50
Dimethylphthalate
Concen: 4.668 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF115454.D
Acq: 10 Jul 2019 14:39

Tgt Ion:163 Resp: 74943
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.5 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: 7.950 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.21 min

Lab File: BF115454.D

Acq: 10 Jul 2019 14:39

Instrument :

BNA_F

ClientSampleId :

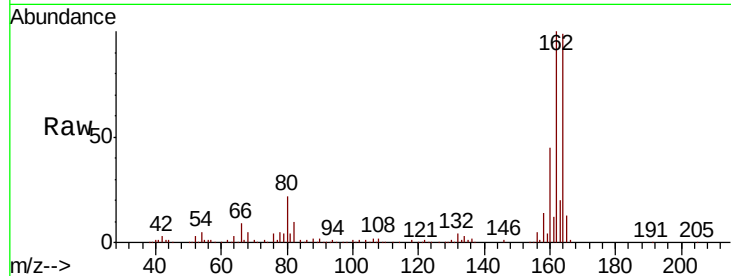
Tot Ion:165 Resp: 27680

Ion Ratio Lower Upper

165 100

63 1.2 39.7 59.5#

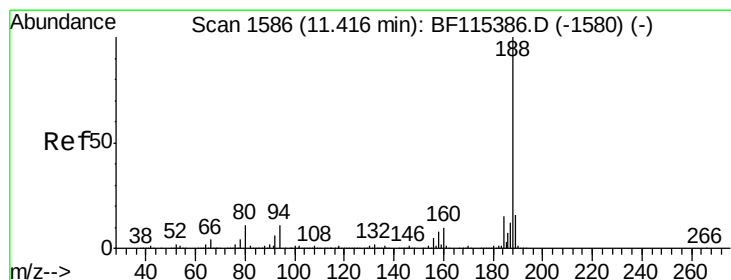
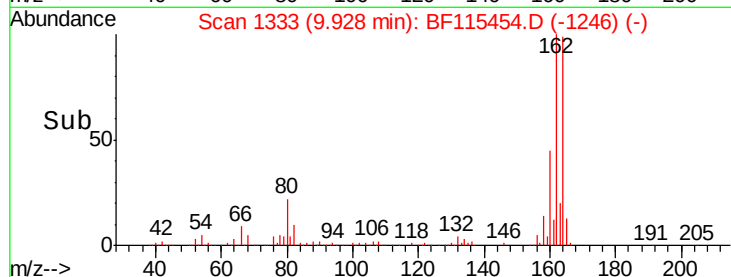
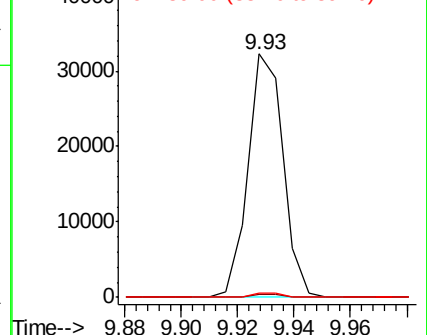
89 1.8 42.8 64.2#



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BF115454.D

Acq: 10 Jul 2019 14:39

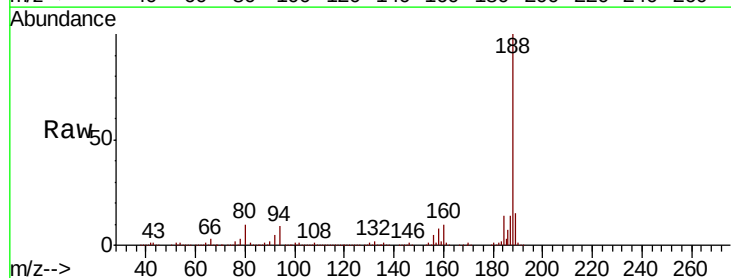
Tgt Ion:188 Resp: 426664

Ion Ratio Lower Upper

188 100

94 9.5 7.8 11.8

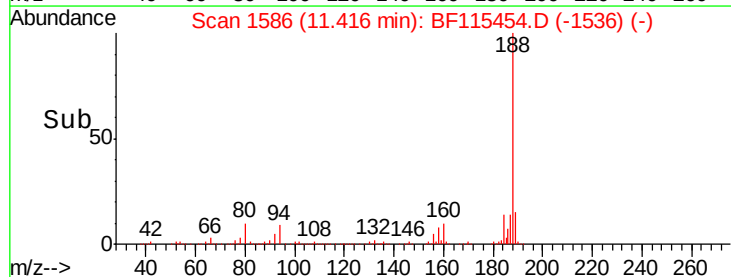
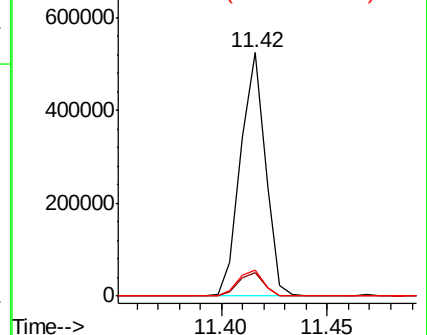
80 10.4 8.4 12.6

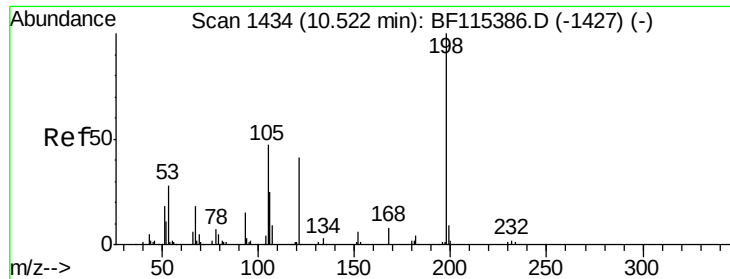


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

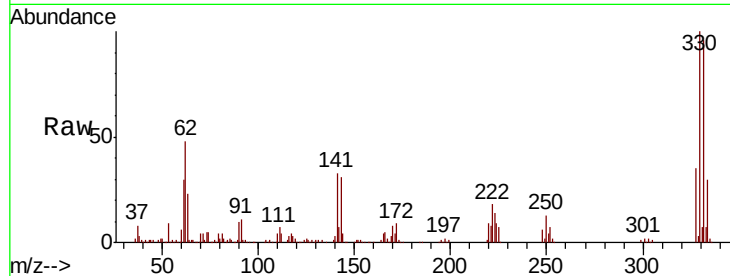




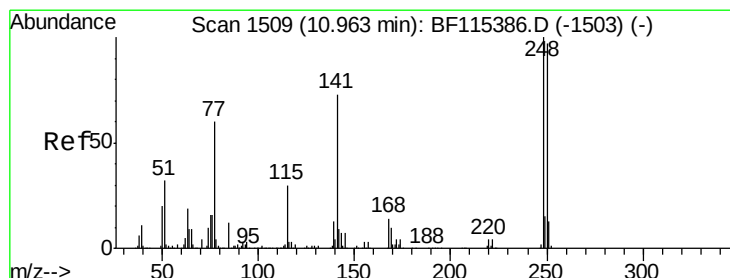
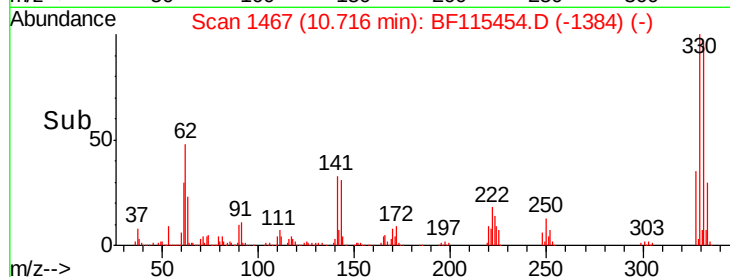
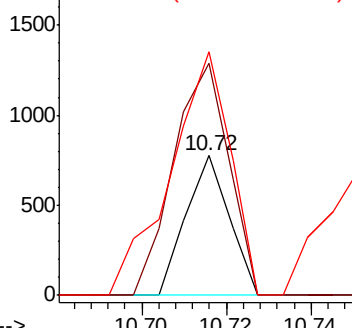
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.043 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.19 min
 Lab File: BF115454.D
 Acq: 10 Jul 2019 14:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 551
 Ion Ratio Lower Upper
 198 100
 51 166.1 20.7 60.7#
 105 174.7 25.3 65.3#

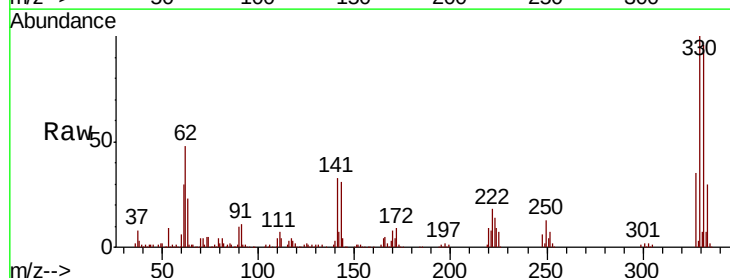


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

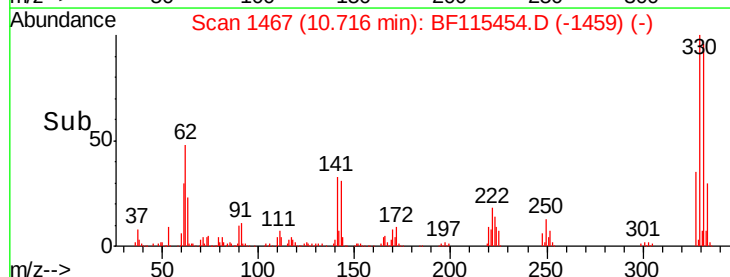
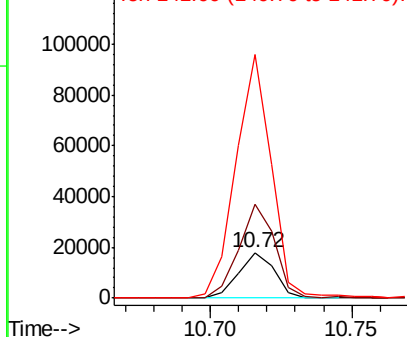


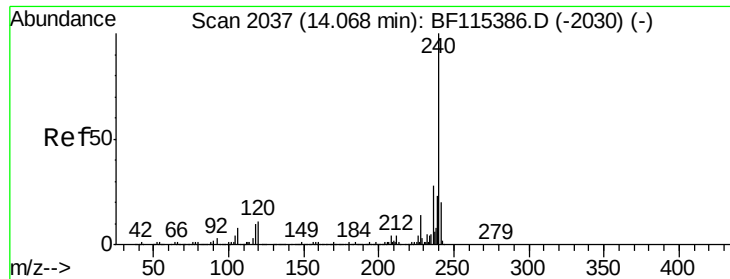
#67
 4-Bromophenyl-phenylether
 Concen: 3.351 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.25 min
 Lab File: BF115454.D
 Acq: 10 Jul 2019 14:39

Tgt Ion:248 Resp: 16042
 Ion Ratio Lower Upper
 248 100
 250 205.5 78.3 117.5#
 141 531.2 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

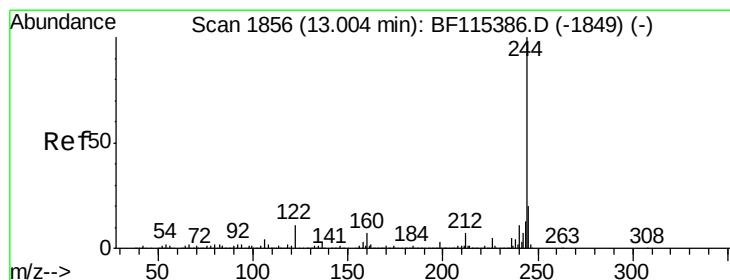
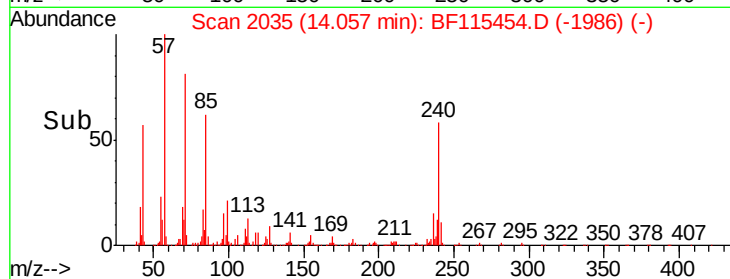
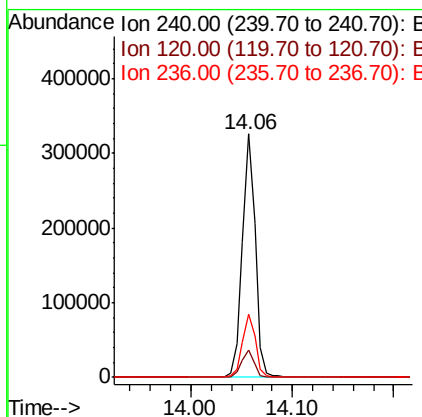
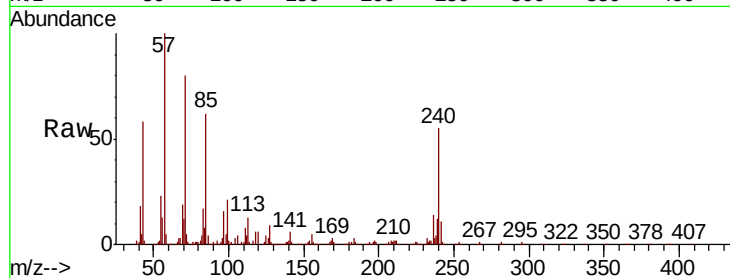




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF115454.D
Acq: 10 Jul 2019 14:39

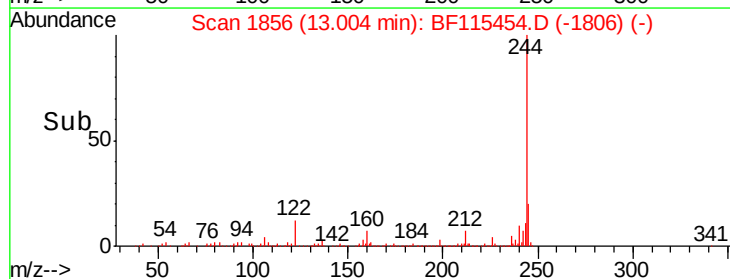
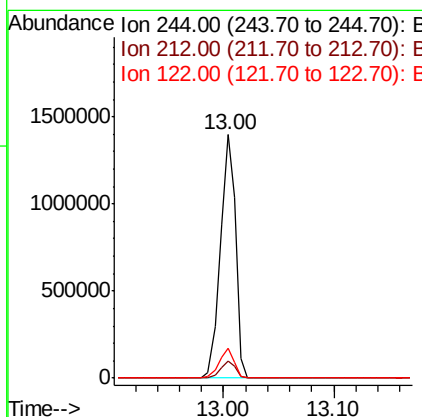
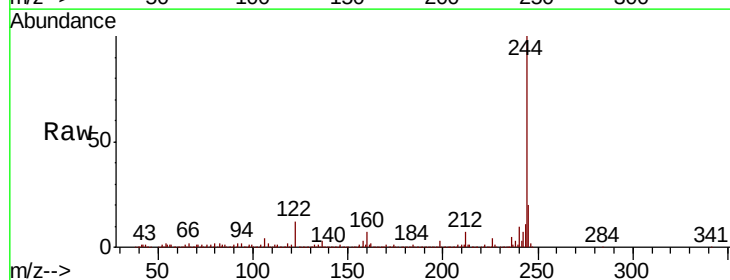
Instrument :
BNA_F
ClientSampleId :

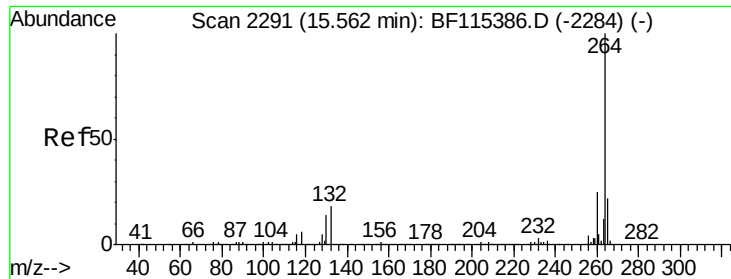
Tot Ion:240 Resp: 288813
Ion Ratio Lower Upper
240 100
120 11.0 10.2 15.4
236 26.1 21.1 31.7



#79
Terphenyl-d14
Concen: 94.605 ng
RT: 13.00 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BF115454.D
Acq: 10 Jul 2019 14:39

Tgt Ion:244 Resp: 1334459
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 12.1 9.1 13.7

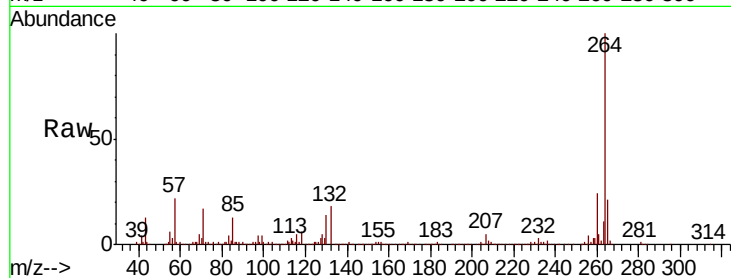




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BF115454.D
Acq: 10 Jul 2019 14:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.1	30.1
265	21.2	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

