

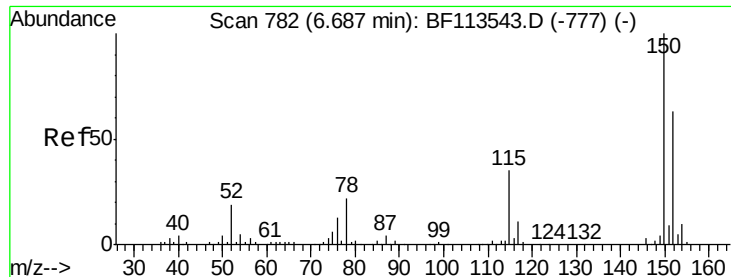
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040519\
 Data File : BF113637.D
 Acq On : 6 Apr 2019 1:38
 Operator : JU/SJ
 Sample : K2240-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 06 03:21:46 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	6.69	152	124158	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	434910	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	183955	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	337003	20.00	ng	0.00
76) Chrysene-d12	13.83	240	223264	20.00	ng	-0.01
87) Perylene-d12	15.24	264	167334	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	807391	110.89	ng	0.00
7) Phenol-d6	6.35	99	1041481	116.06	ng	0.00
23) Nitrobenzene-d5	7.25	82	568894	76.62	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	239150	108.23	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1041596	91.16	ng	0.00
79) Terphenyl-d14	12.78	244	922175	84.10	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	72438	13.090	ng	# 76
25) Isophorone	7.25	82	568891	39.775	ng	# 64
50) Dimethylphthalate	9.44	163	135060	9.960	ng	100
57) 2,4-Dinitrotoluene	9.72	165	23732	6.565	ng	# 23
67) 4-Bromophenyl-phenylether	10.51	248	13168	3.484	ng	# 1
75) Fluoranthene	12.41	202	43259	2.411	ng	98
78) Pyrene	12.63	202	39769	2.341	ng	98
88) Benzo(b)fluoranthene	14.84	252	37163	3.628	ng	# 49
89) Benzo(k)fluoranthene	14.84	252	37163	4.043	ng	# 48

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

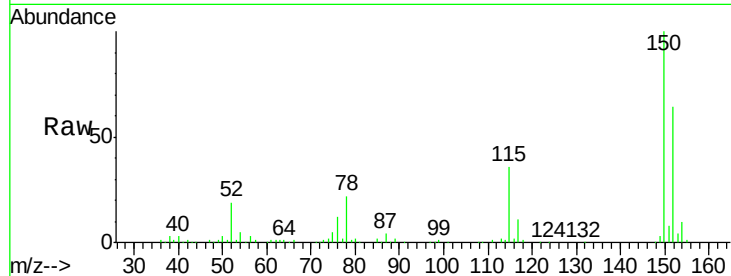


#1

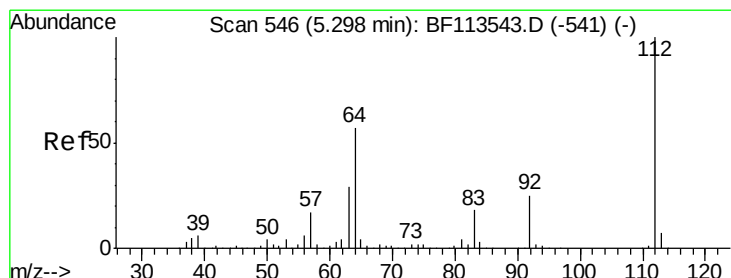
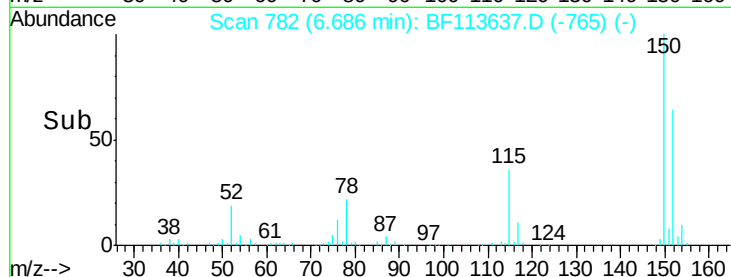
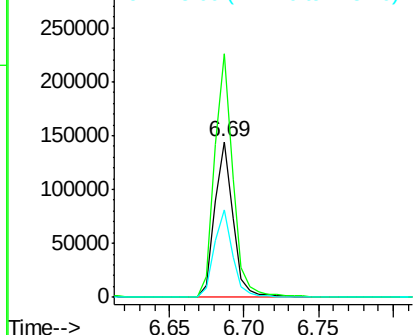
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF113637.D
Acq: 6 Apr 2019 1:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 124158
Ion Ratio Lower Upper
152 100
150 156.7 124.7 187.1
115 55.9 46.0 69.0



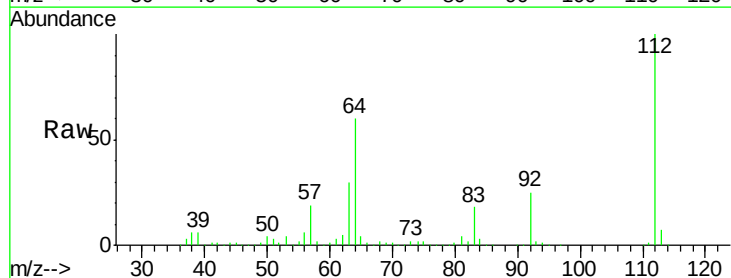
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



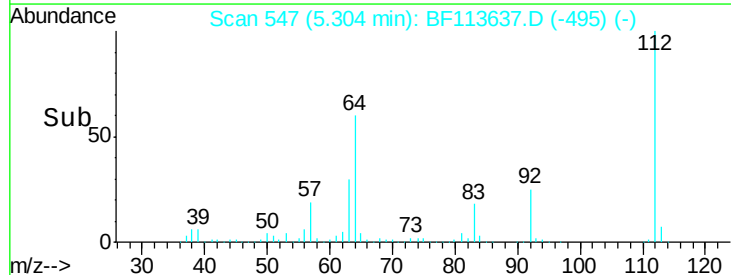
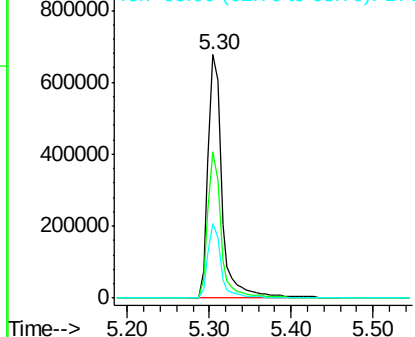
#5

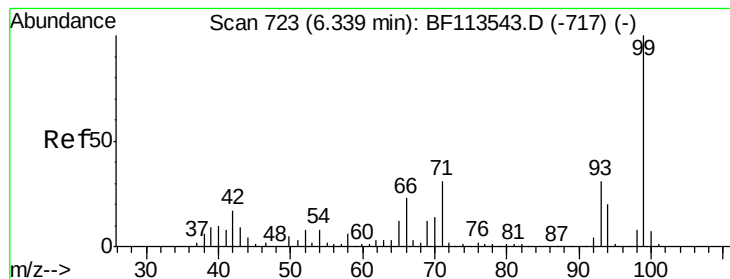
2-Fluorophenol
Concen: 110.890 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF113637.D
Acq: 6 Apr 2019 1:38

Tgt Ion:112 Resp: 807391
Ion Ratio Lower Upper
112 100
64 60.2 49.2 73.8
63 30.5 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: 116.057 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF113637.D

Acq: 6 Apr 2019 1:38

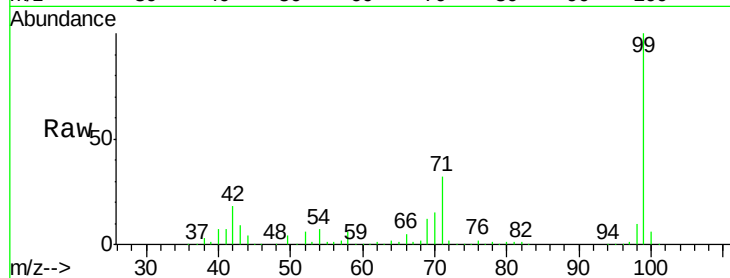
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1041481

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.8	22.2
71	32.4	24.9	37.3

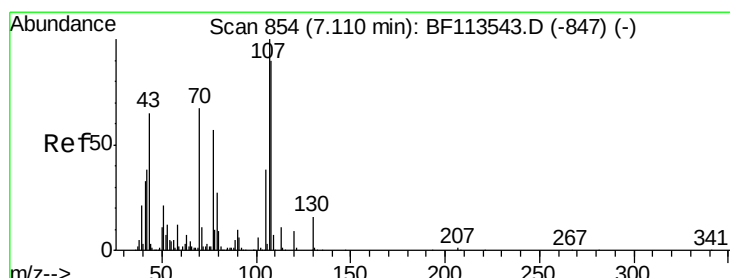
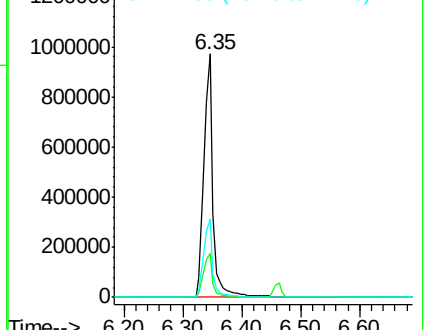
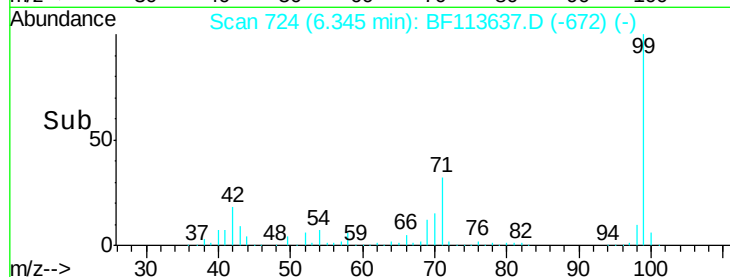


Abundance

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: 13.090 ng

RT: 7.25 min Scan# 878

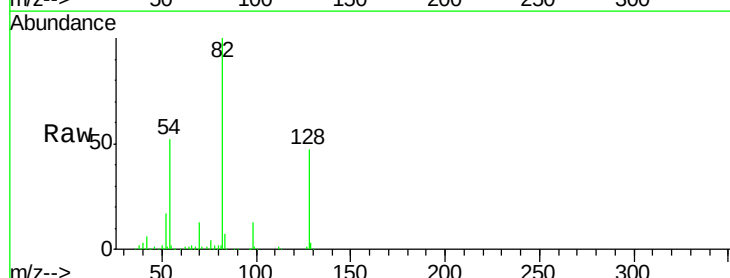
Delta R.T. 0.14 min

Lab File: BF113637.D

Acq: 6 Apr 2019 1:38

Tgt Ion: 70 Resp: 72438

Ion	Ratio	Lower	Upper
70	100		
42	47.6	48.4	72.6#
101	0.0	7.8	11.8#
130	2.3	18.2	27.4#



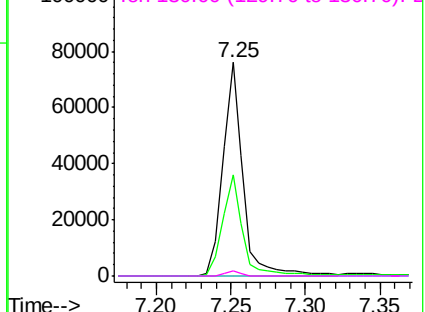
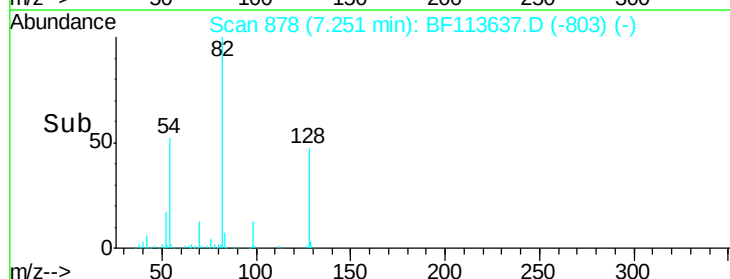
Abundance

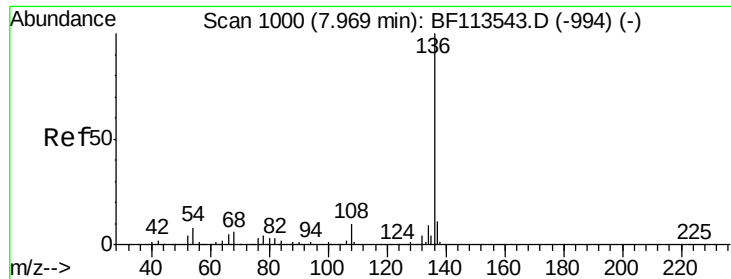
Ion 70.00 (69.70 to 70.70): BF1

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

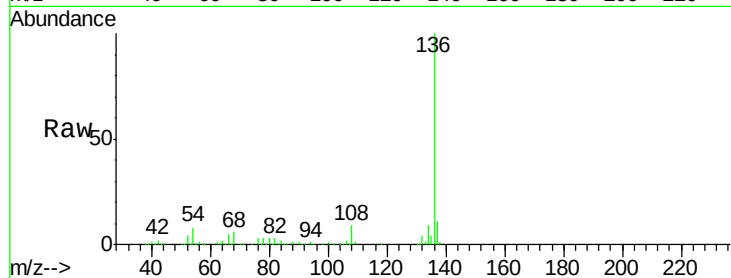




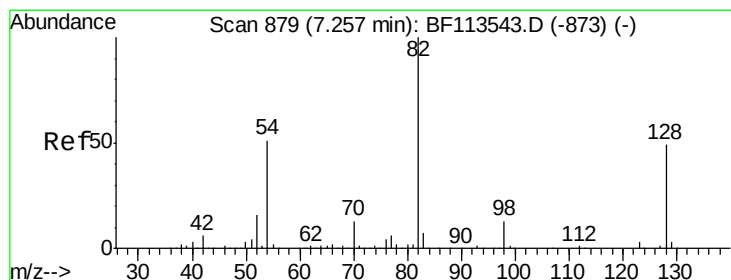
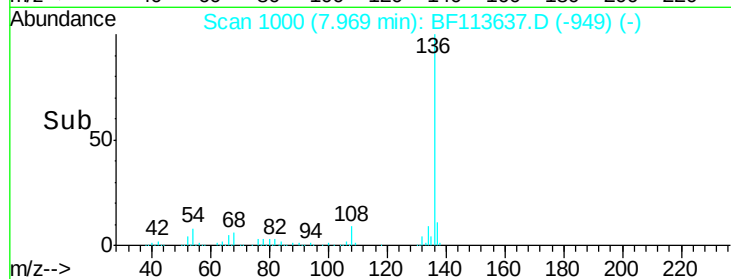
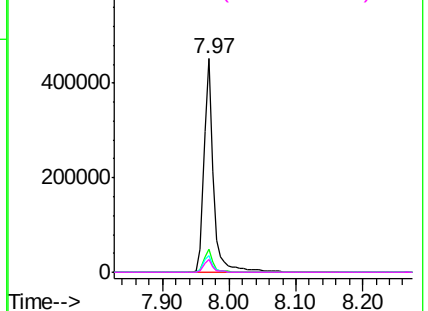
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BF113637.D
Acq: 6 Apr 2019 1:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	434910
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.9 13.3
54	7.7	7.0 10.6
68	5.8	4.8 7.2

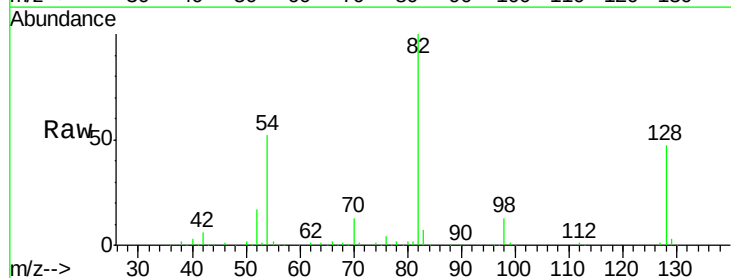


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

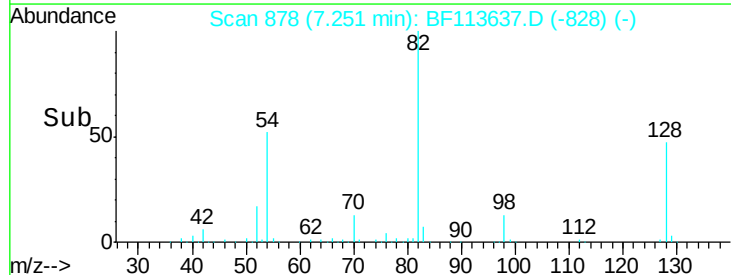
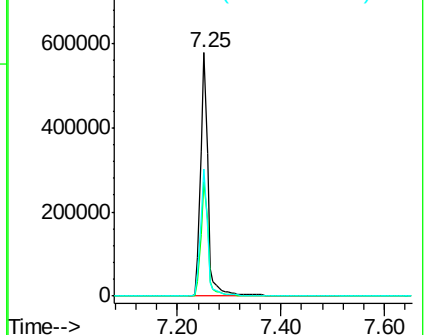


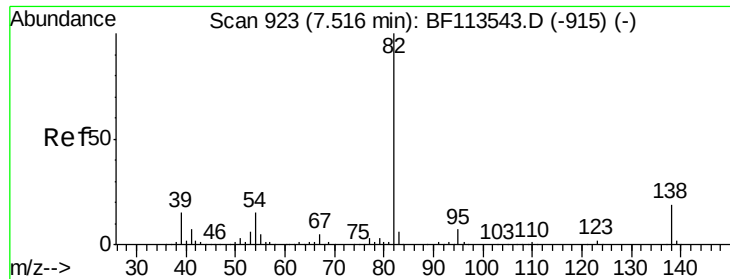
#23
Nitrobenzene-d5
Concen: 76.621 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF113637.D
Acq: 6 Apr 2019 1:38

Tgt Ion: 82	Resp:	568894
Ion	Ratio	Lower Upper
82	100	
128	46.9	36.5 54.7
54	52.2	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: 39.775 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.26 min

Lab File: BF113637.D

Acq: 6 Apr 2019 1:38

Instrument :

BNA_F

ClientSampleId :

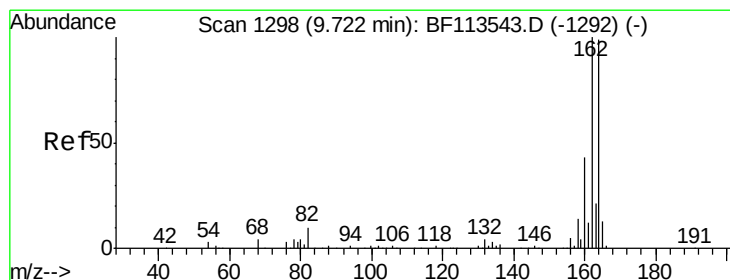
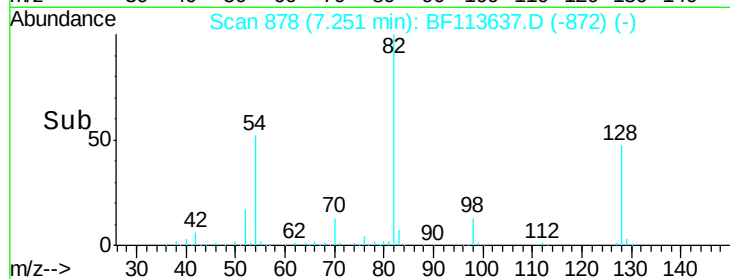
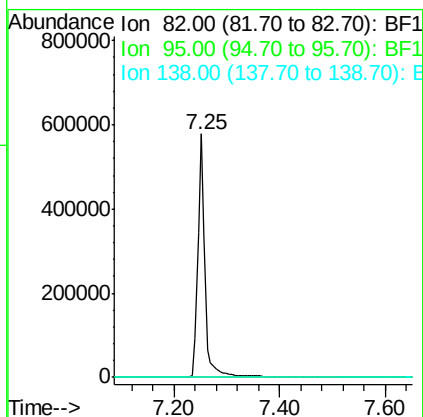
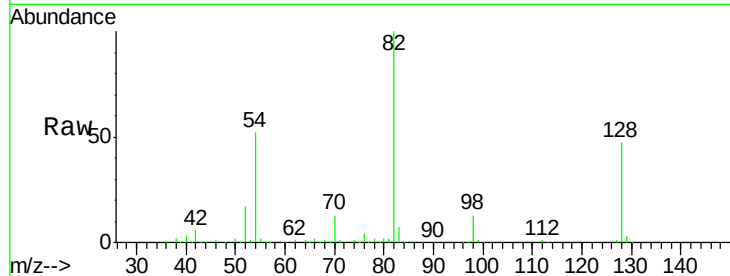
Tot Ion: 82 Resp: 568891

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: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF113637.D

Acq: 6 Apr 2019 1:38

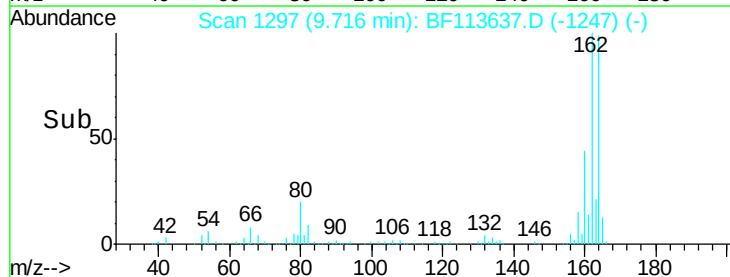
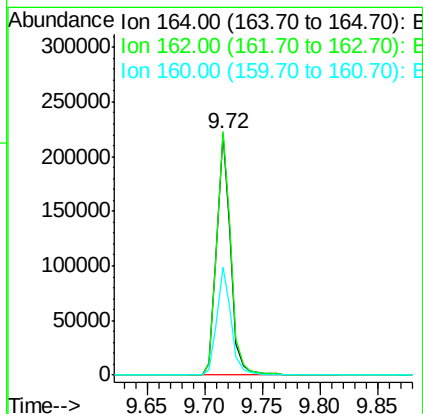
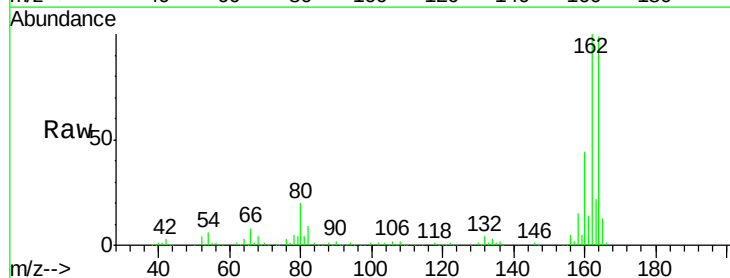
Tgt Ion:164 Resp: 183955

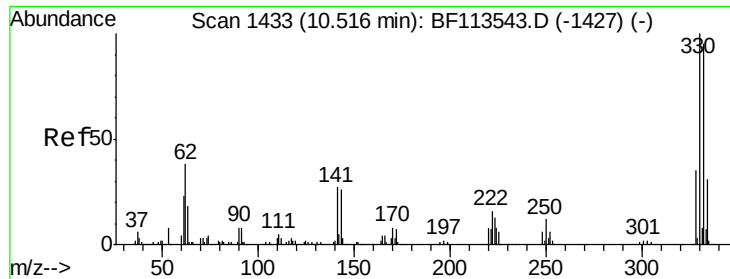
Ion Ratio Lower Upper

164 100

162 100.8 81.8 122.6

160 44.6 36.4 54.6

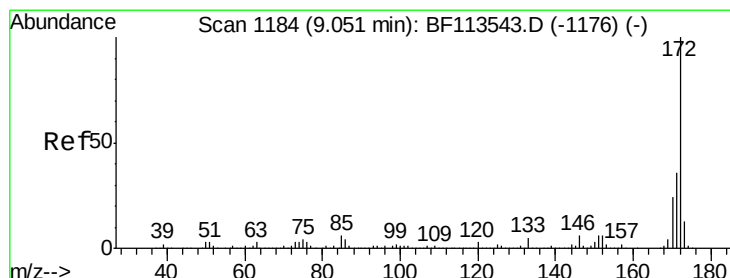
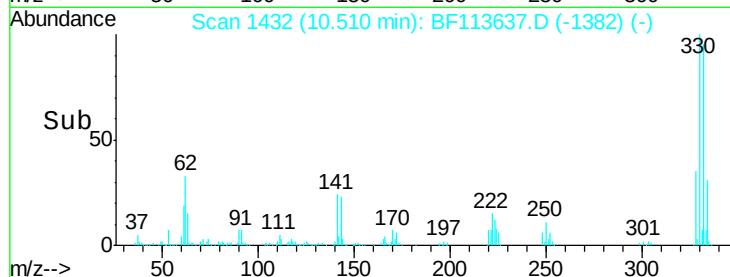
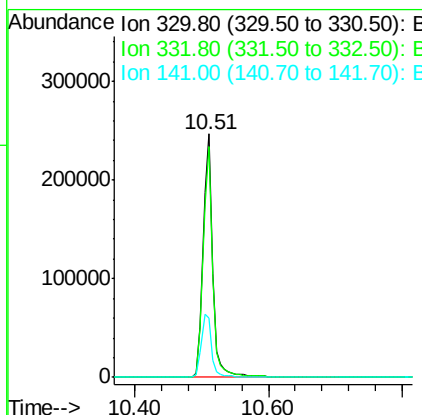
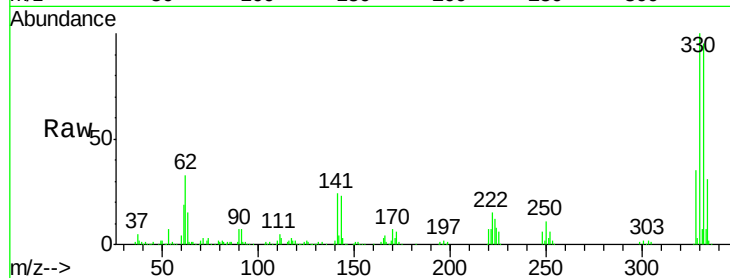




#42
 2,4,6-Tribromophenol
 Concen: 108.225 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF113637.D
 Acq: 6 Apr 2019 1:38

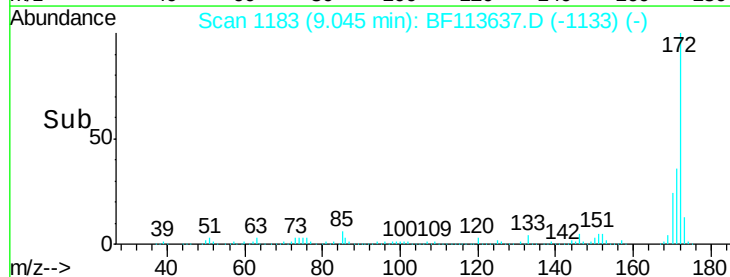
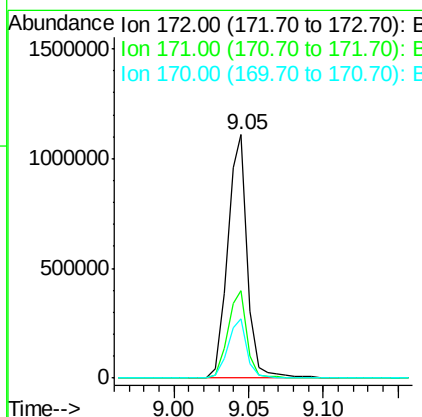
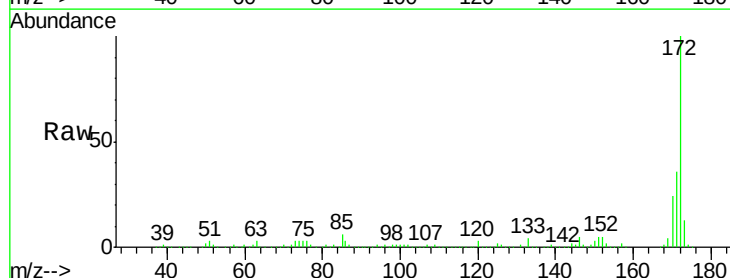
Instrument :
 BNA_F
 ClientSampleId :

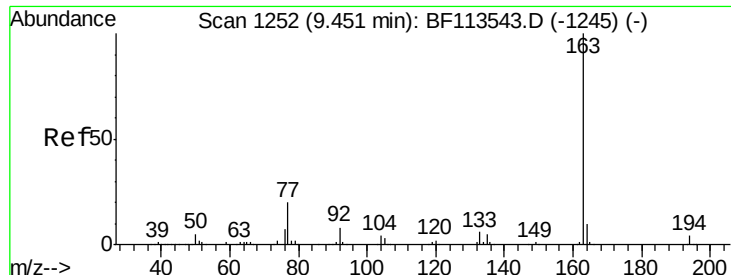
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.8	116.6
141	27.8	22.7	34.1



#45
 2-Fluorobiphenyl
 Concen: 91.156 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF113637.D
 Acq: 6 Apr 2019 1:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.6
170	24.3	19.5	29.3





#50

Dimethylphthalate

Concen: 9.960 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BF113637.D

Acq: 6 Apr 2019 1:38

Instrument :

BNA_F

ClientSampleId :

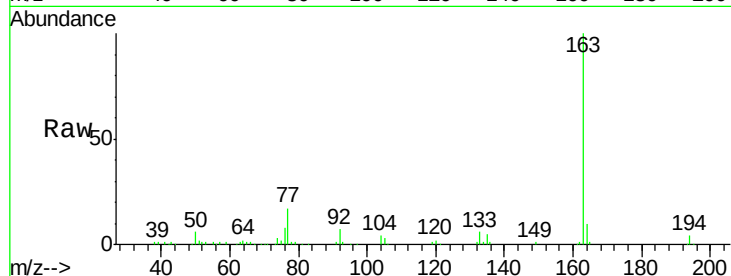
Tot Ion:163 Resp: 135060

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

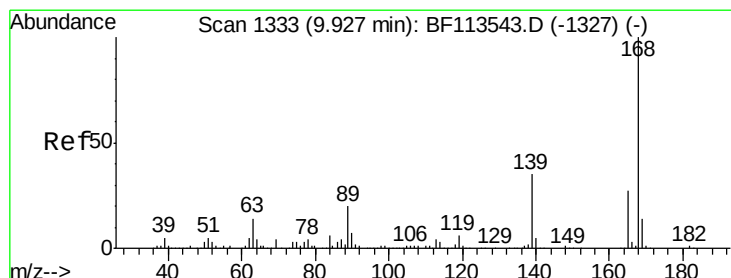
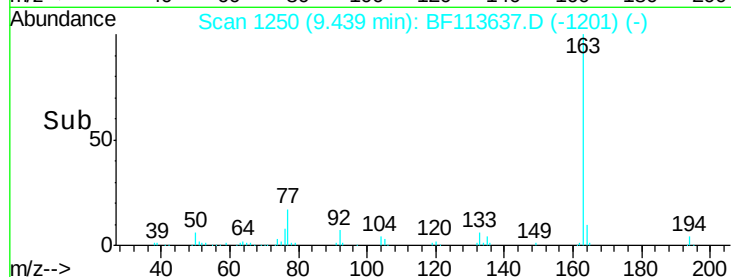
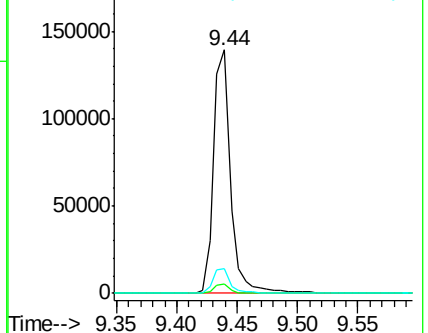
164 10.0 8.1 12.1



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: 6.565 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.21 min

Lab File: BF113637.D

Acq: 6 Apr 2019 1:38

Tgt Ion:165 Resp: 23732

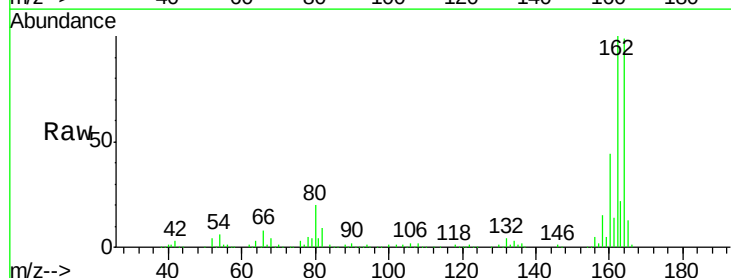
Ion Ratio Lower Upper

165 100

63 1.4 37.5 56.3#

89 1.3 57.4 86.2#

182 0.0 2.0 3.0#

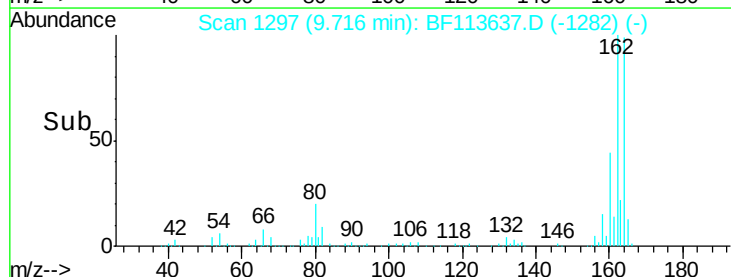
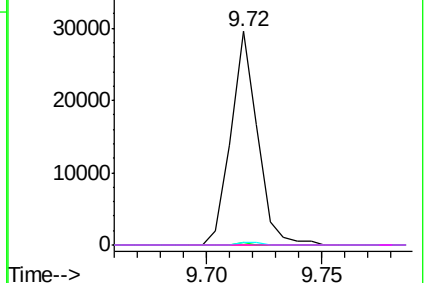


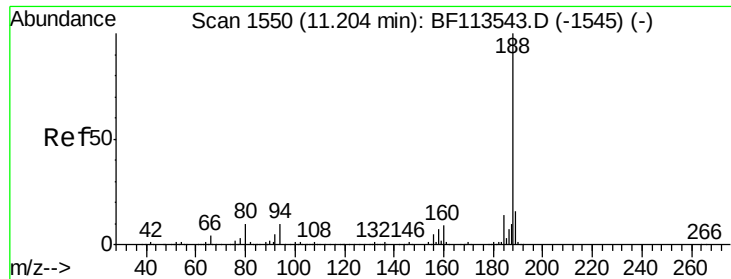
Abundance Ion 165.00 (164.70 to 165.70): E

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

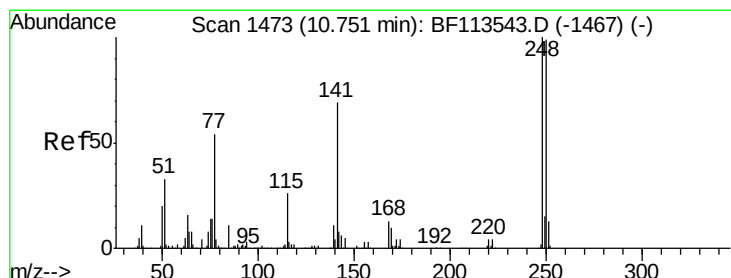
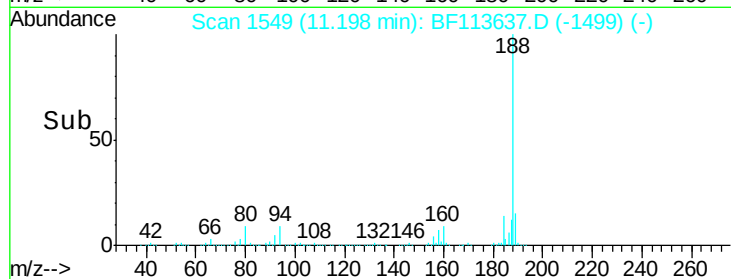
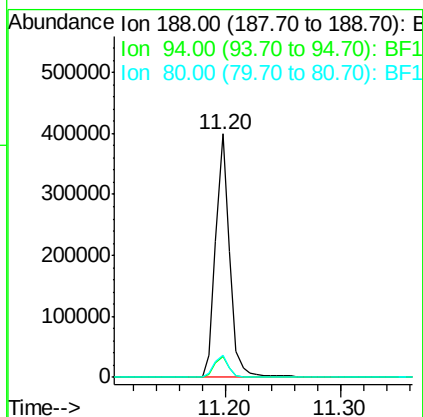
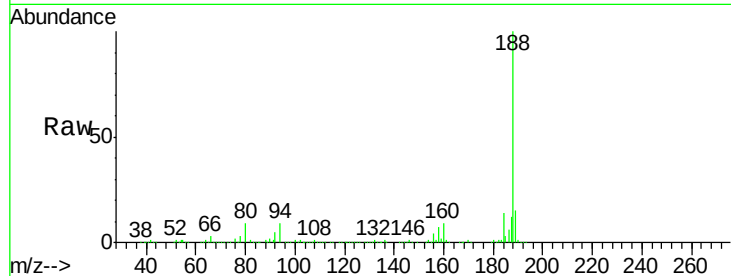




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF113637.D
Acq: 6 Apr 2019 1:38

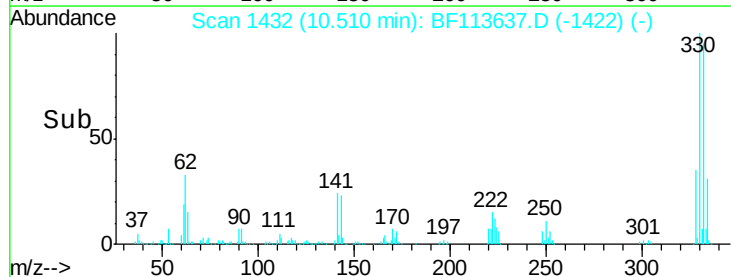
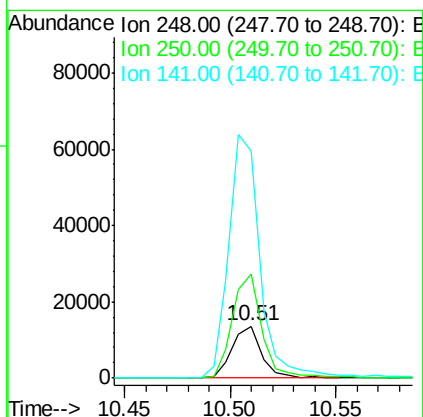
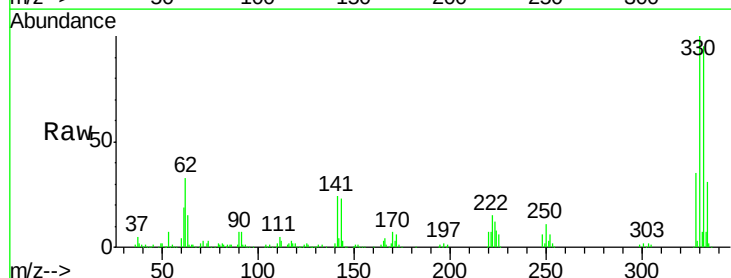
Instrument :
BNA_F
ClientSampled :

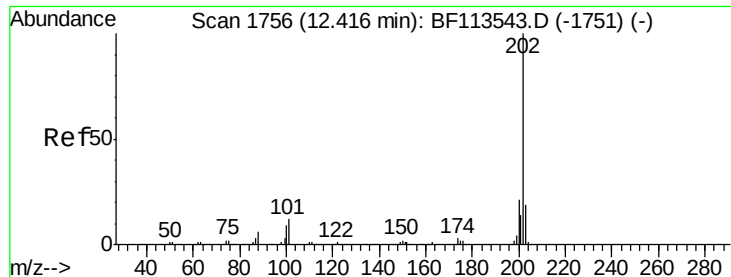
Tot Ion:188 Resp: 337003
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.6
80 9.0 7.7 11.5



#67
4-Bromophenyl-phenylether
Concen: 3.484 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.24 min
Lab File: BF113637.D
Acq: 6 Apr 2019 1:38

Tgt Ion:248 Resp: 13168
Ion Ratio Lower Upper
248 100
250 200.1 78.3 117.5#
141 436.1 56.2 84.4#





#75

Fluoranthene

Concen: 2.411 ng

RT: 12.41 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BF113637.D

Acq: 6 Apr 2019 1:38

Instrument :

BNA_F

ClientSampleId :

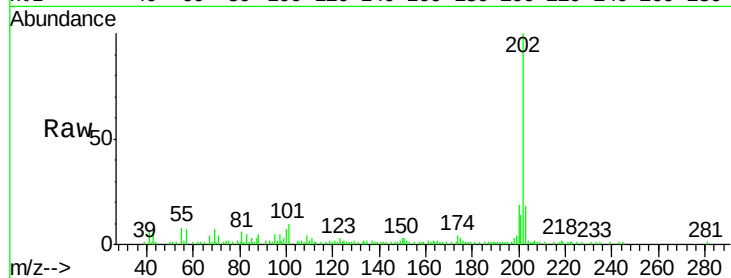
Tot Ion:202 Resp: 43259

Ion Ratio Lower Upper

202 100

101 9.8 0.0 31.4

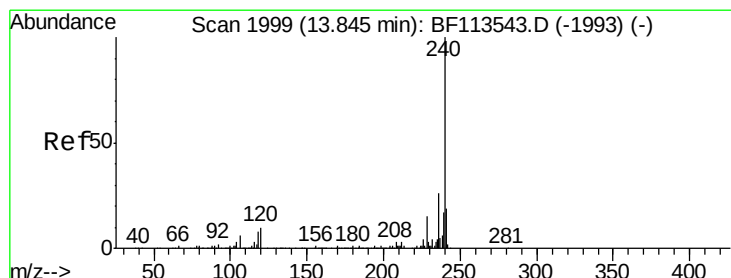
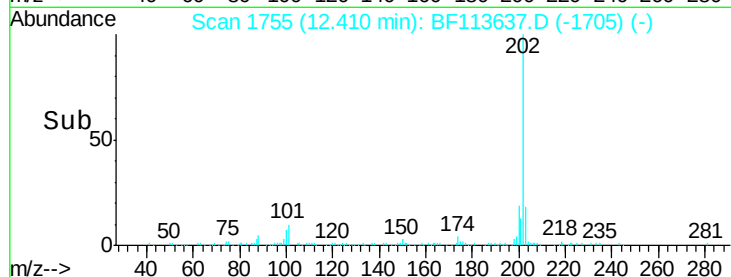
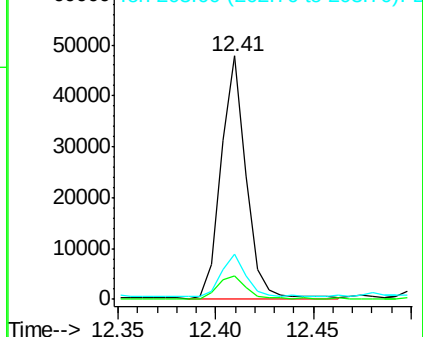
203 18.4 0.0 38.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF113637.D

Acq: 6 Apr 2019 1:38

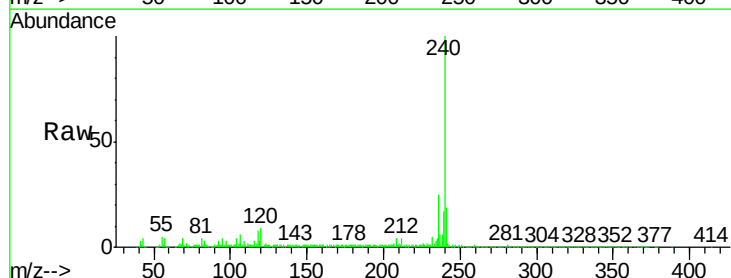
Tgt Ion:240 Resp: 223264

Ion Ratio Lower Upper

240 100

120 9.2 8.8 13.2

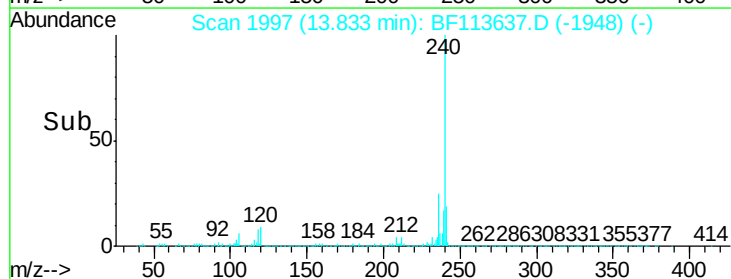
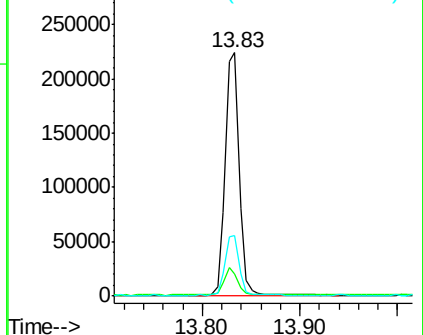
236 25.1 20.9 31.3

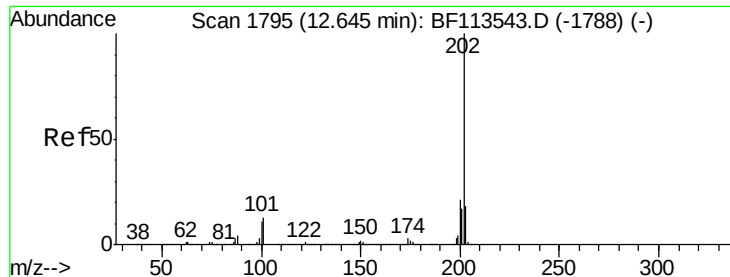


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

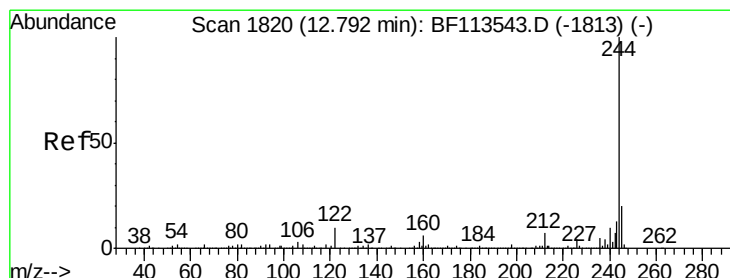
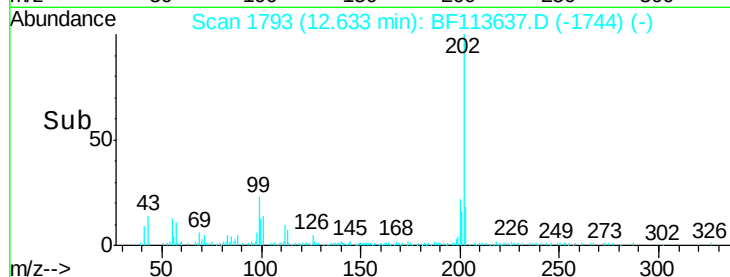
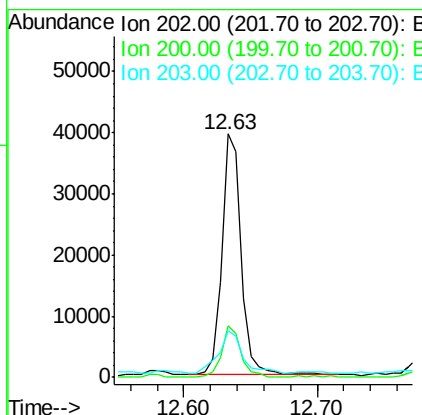
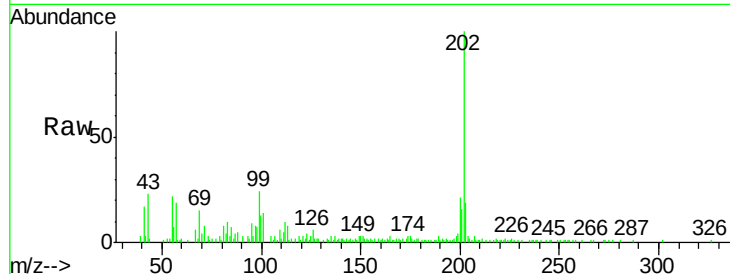




#78
Pvrene
Concen: 2.341 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF113637.D
Acq: 6 Apr 2019 1:38

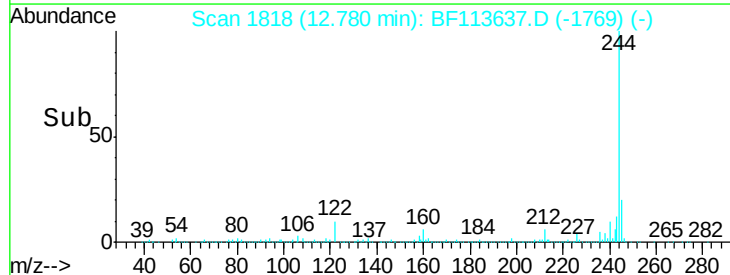
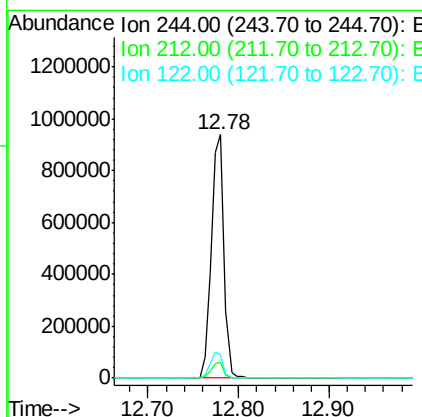
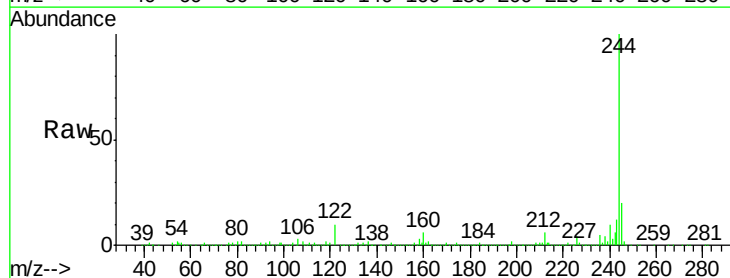
Instrument :
BNA_F
ClientSampleId :

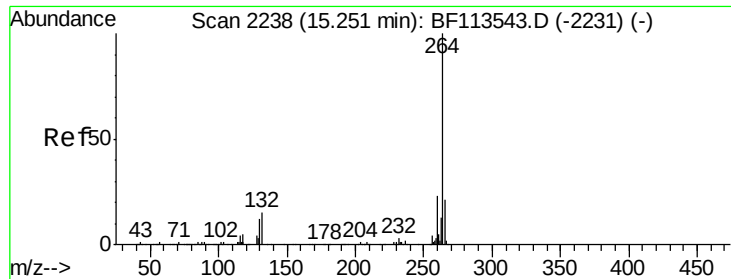
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.8	25.2
203	19.3	14.4	21.6



#79
Terphenyl-d14
Concen: 84.096 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF113637.D
Acq: 6 Apr 2019 1:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.5	8.3
122	9.7	8.6	13.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BF113637.D

Acq: 6 Apr 2019 1:38

Instrument :

BNA_F

ClientSampleId :

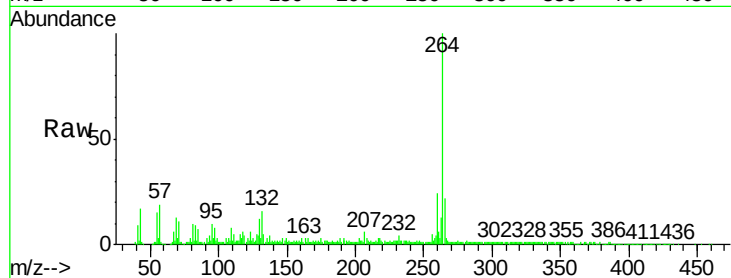
Tot Ion:264 Resp: 167334

Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

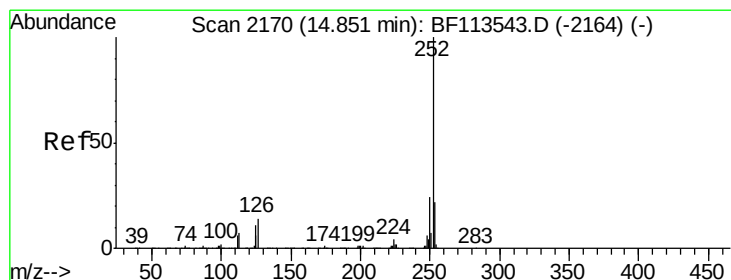
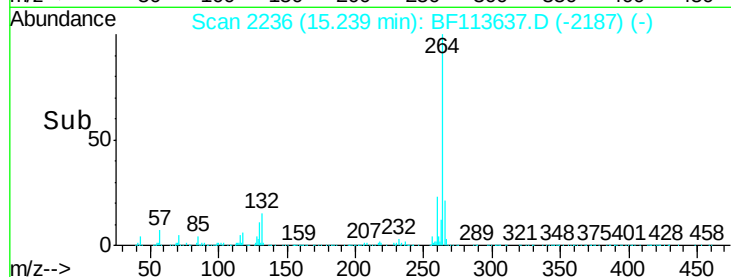
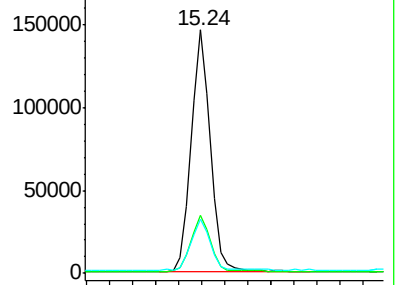
265 22.4 17.1 25.7



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



#88

Benzo(b)fluoranthene

Concen: 3.628 ng

RT: 14.84 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BF113637.D

Acq: 6 Apr 2019 1:38

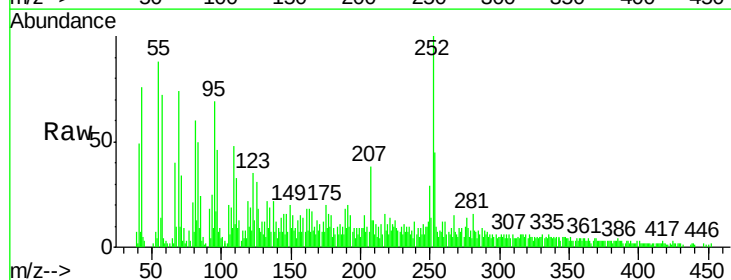
Tgt Ion:252 Resp: 37163

Ion Ratio Lower Upper

252 100

253 45.1 18.0 27.0#

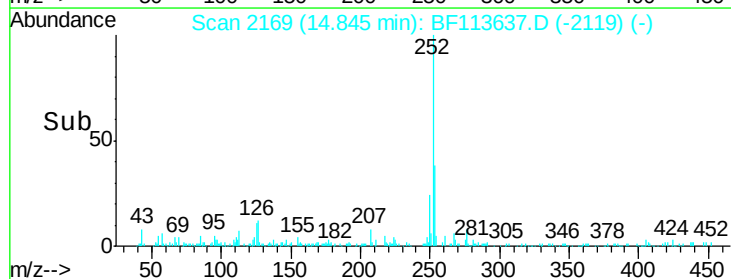
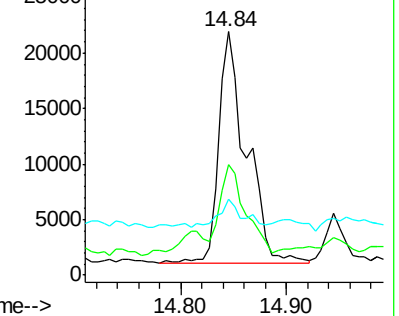
125 30.9 7.6 11.4#

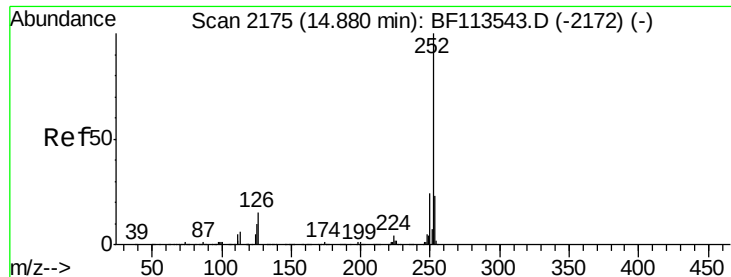


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 4.043 ng

RT: 14.84 min Scan# 2169

Delta R.T. -0.04 min

Lab File: BF113637.D

Acq: 6 Apr 2019 1:38

Instrument :

BNA_F

ClientSampleId :

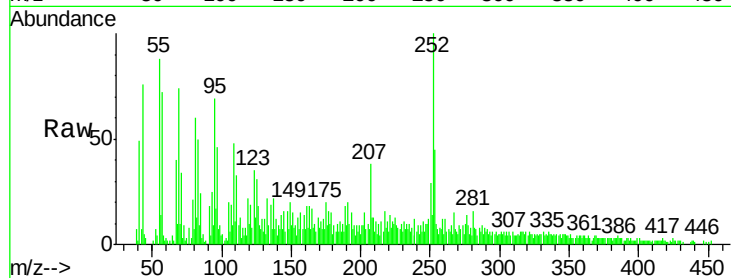
Tot Ion: 252 Resp: 37163

Ion Ratio Lower Upper

252 100

253 45.1 17.7 26.5#

125 30.9 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

