

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
 Data File : BF112573.D
 Acq On : 14 Feb 2019 17:41
 Operator : JU/SJ
 Sample : K1457-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(0-5)

Quant Time: Feb 15 04:23:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	86885	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	321961	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	159468	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	303784	20.00	ng	0.00
76) Chrysene-d12	14.03	240	185909	20.00	ng	0.02
87) Perylene-d12	15.54	264	147700	20.00	ng	0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	375655	91.84	ng	-0.02
7) Phenol-d6	6.48	99	467416	82.23	ng	-0.01
23) Nitrobenzene-d5	7.39	82	285368	51.07	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	148735	80.13	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	572957	50.82	ng	-0.02
79) Terphenyl-d14	12.95	244	528566	53.55	ng	0.00

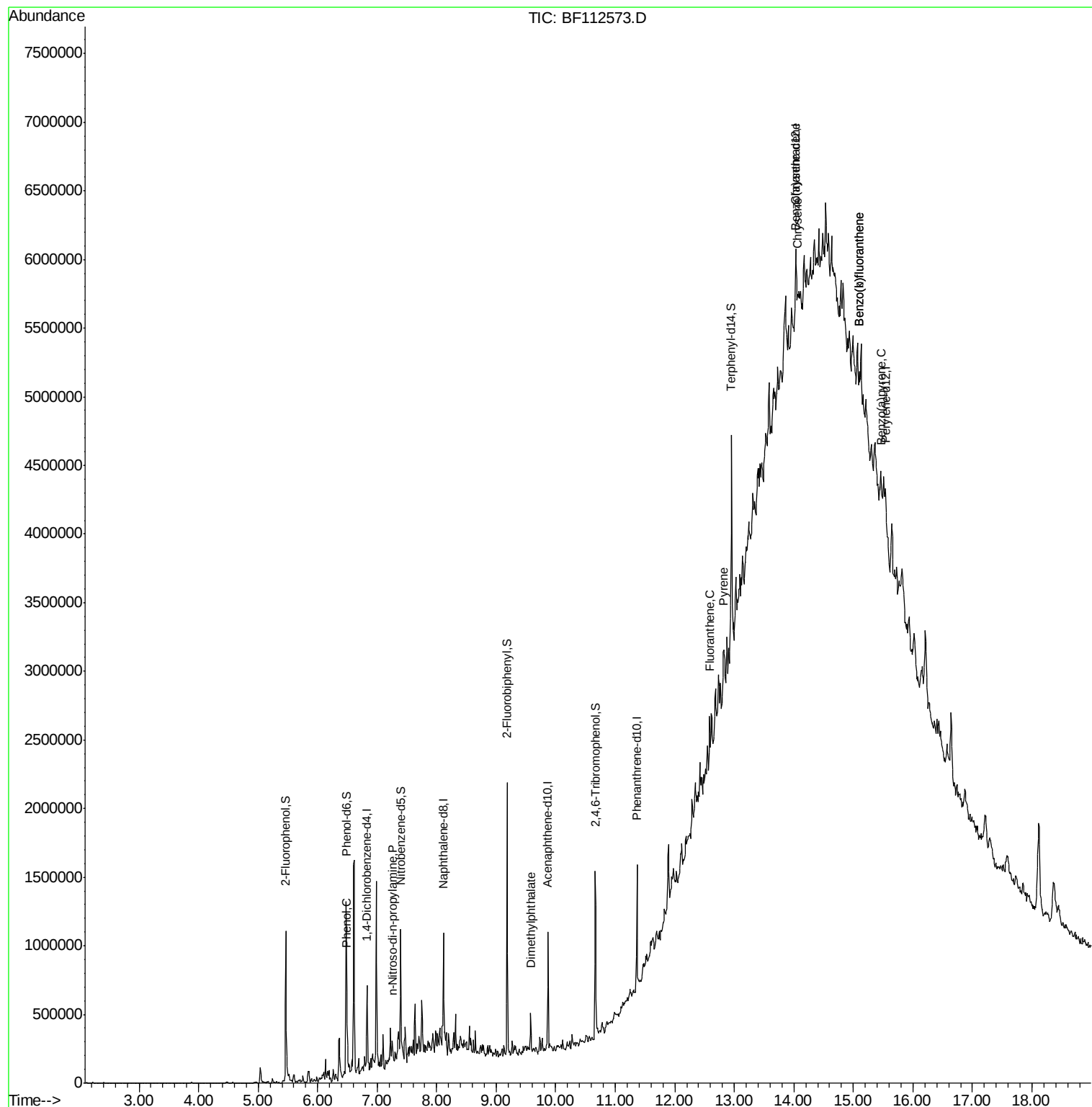
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.49	94	29917	4.798	ng	92
19) n-Nitroso-di-n-propylamine	7.25	70	8030	2.049	ng	# 73
50) Dimethylphthalate	9.58	163	68995	5.569	ng	# 97
75) Fluoranthene	12.59	202	91030	5.374	ng	93
78) Pyrene	12.82	202	135584	10.534	ng	# 95
81) Benzo(a)anthracene	14.02	228	32398	2.964	ng	# 49
83) Chrysene	14.06	228	66582	6.382	ng	# 65
88) Benzo(b)fluoranthene	15.10	252	58913	6.670	ng	# 1
89) Benzo(k)fluoranthene	15.10	252	58913	6.963	ng	# 1
90) Benzo(a)pyrene	15.48	252	19749	2.485	ng	# 1

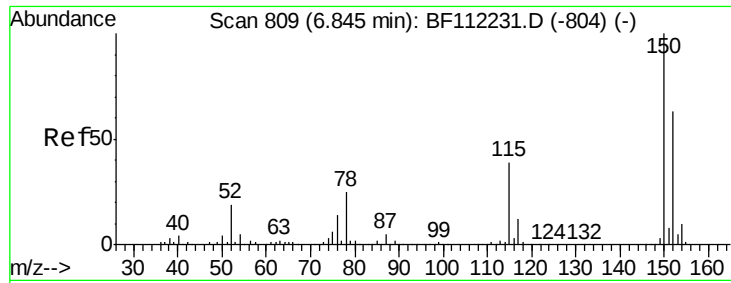
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
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SB-10(0-5)

Quant Time: Feb 14 18:10:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
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Response via : Initial Calibration



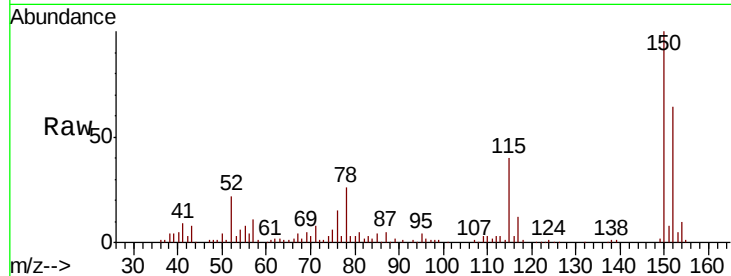


#1

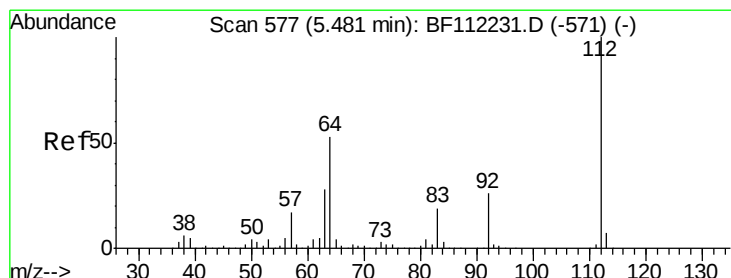
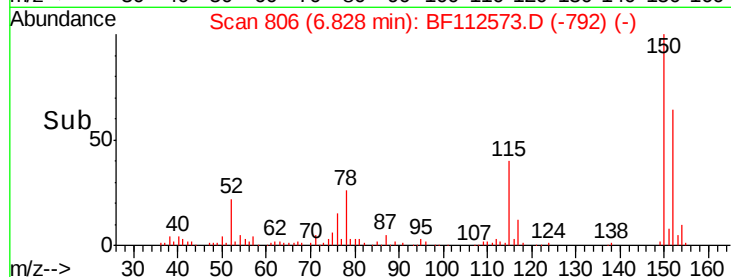
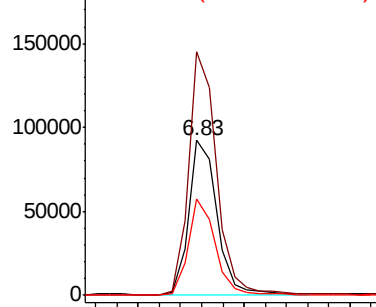
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.02 min
 Lab File: BF112573.D
 Acq: 14 Feb 2019 17:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(0-5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	127.4	191.0
115	62.6	45.5	68.3



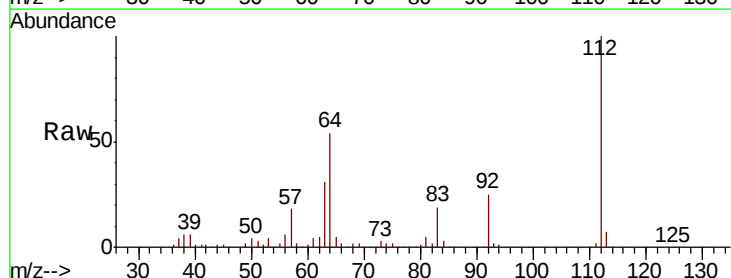
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



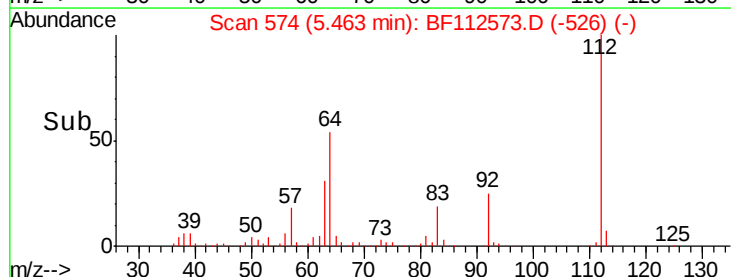
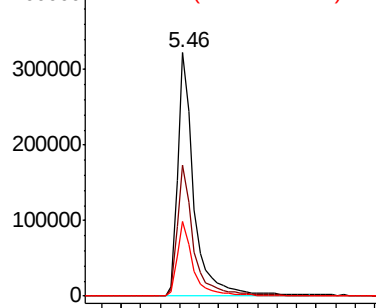
#5

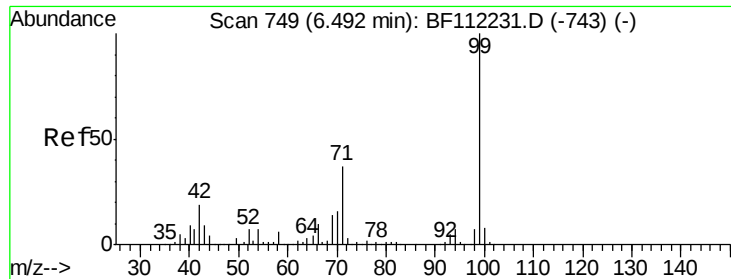
2-Fluorophenol
 Concen: 91.836 ng
 RT: 5.46 min Scan# 574
 Delta R.T. -0.02 min
 Lab File: BF112573.D
 Acq: 14 Feb 2019 17:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.1	45.7	68.5
63	30.5	23.6	35.4



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: 82.234 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112573.D

Acq: 14 Feb 2019 17:41

Instrument :

BNA_F

ClientSampleId :

SB-10(0-5)

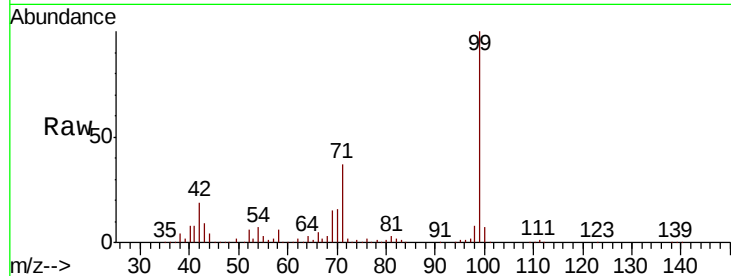
Tot Ion: 99 Resp: 467416

Ion Ratio Lower Upper

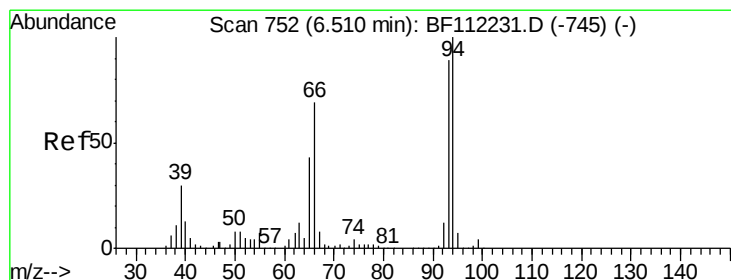
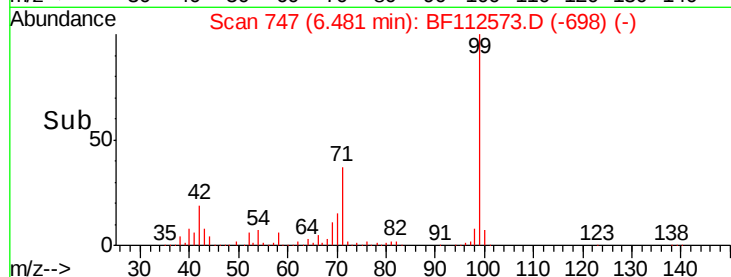
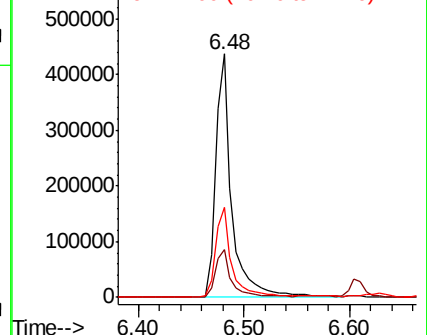
99 100

42 19.5 15.1 22.7

71 36.8 26.9 40.3



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



#10

Phenol

Concen: 4.798 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF112573.D

Acq: 14 Feb 2019 17:41

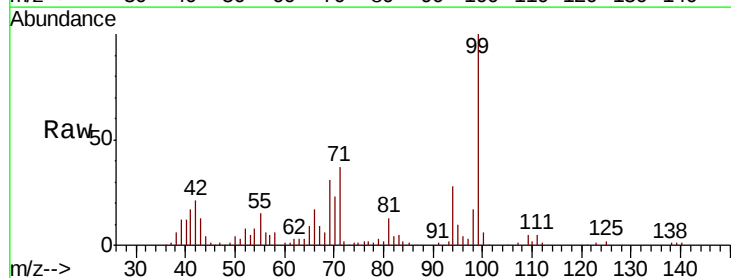
Tgt Ion: 94 Resp: 29917

Ion Ratio Lower Upper

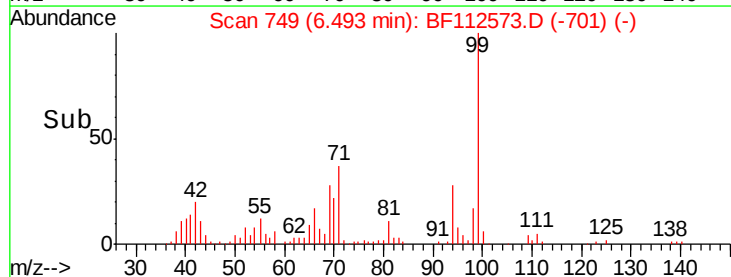
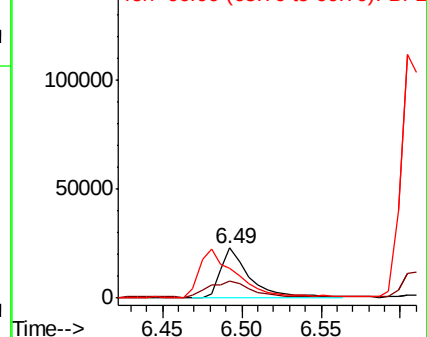
94 100

65 32.8 20.3 60.3

66 58.6 42.4 82.4



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

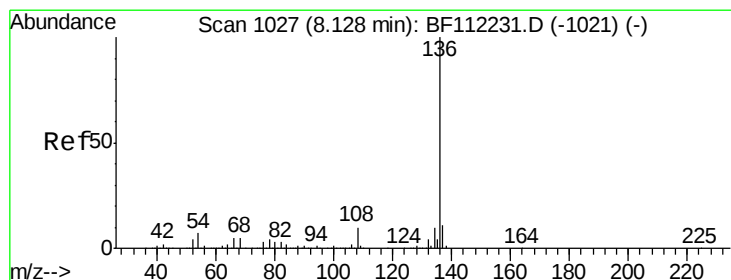
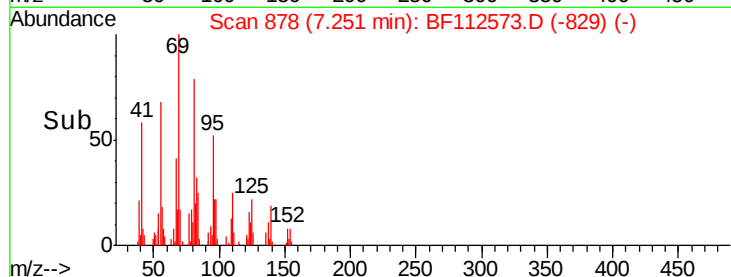
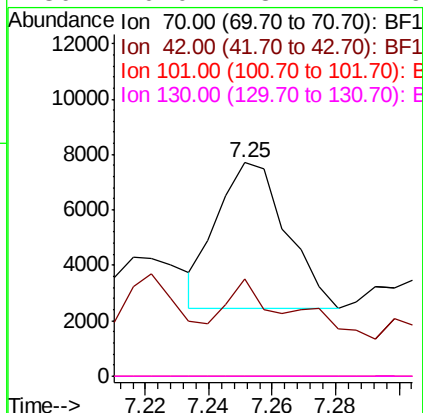
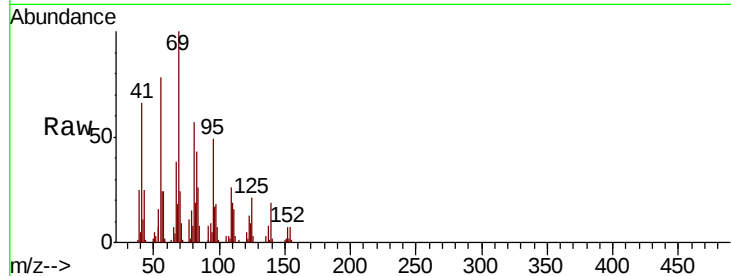




#19
n-Nitroso-di-n-propylamine
Concen: 2.049 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112573.D
Acq: 14 Feb 2019 17:41

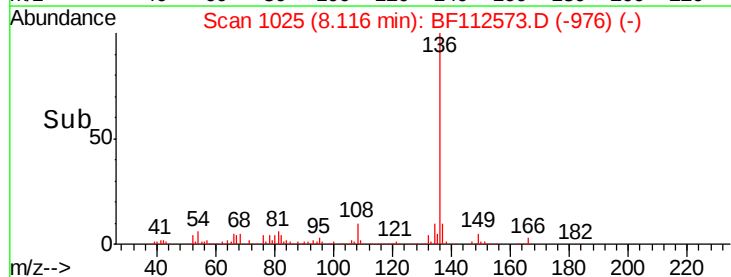
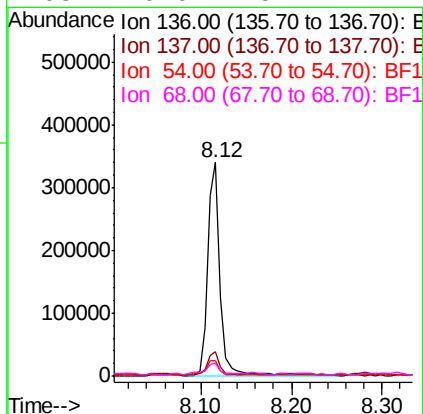
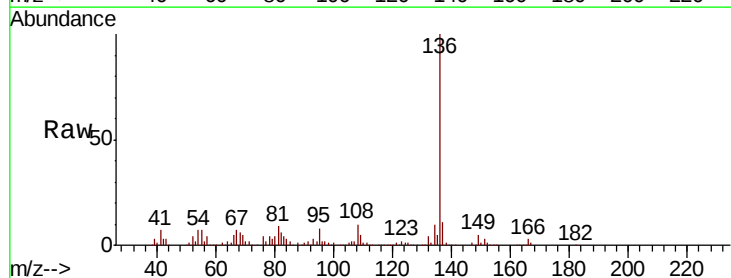
Instrument :
BNA_F
ClientSampleId :
SB-10(0-5)

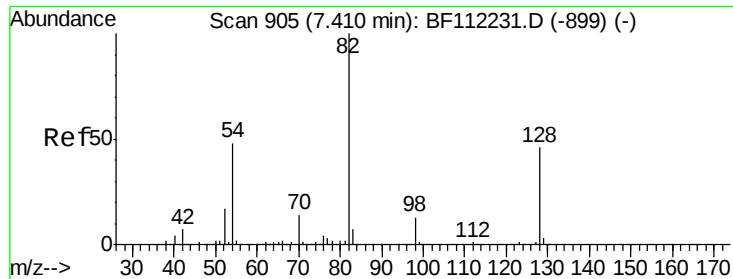
Tot Ion:	70	Resp:	8030
Ion	Ratio	Lower	Upper
70	100		
42	45.6	47.6	71.4#
101	0.0	7.9	11.9#
130	0.0	18.4	27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112573.D
Acq: 14 Feb 2019 17:41

Tgt Ion:	136	Resp:	321961
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	6.9	5.9	8.9
68	6.0	5.1	7.7

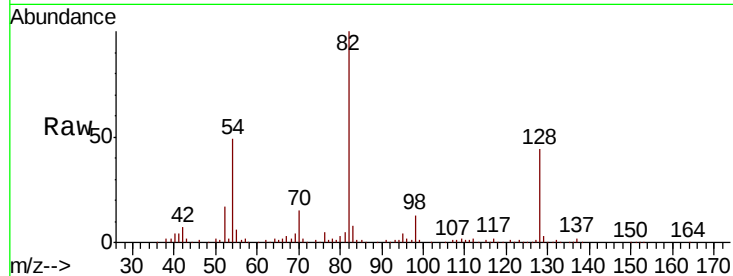




#23
 Nitrobenzene-d5
 Concen: 51.071 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: BF112573.D
 Acq: 14 Feb 2019 17:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(0-5)

Tot Ion	82	Resp	285368
Ion Ratio	Lower	Upper	
82	100		
128	44.5	37.8	56.8
54	49.4	39.7	59.5

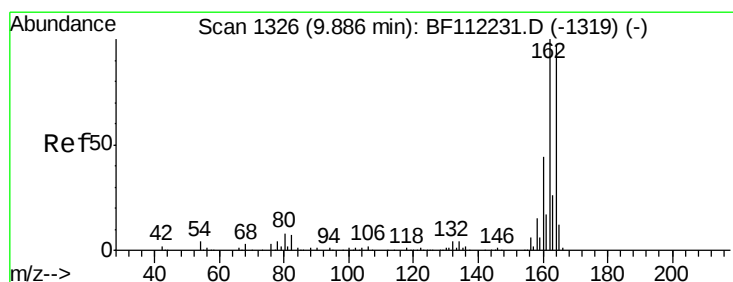
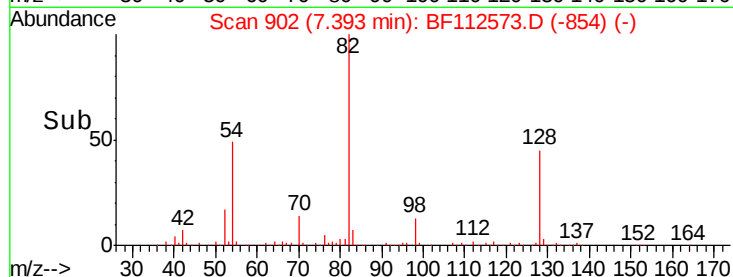
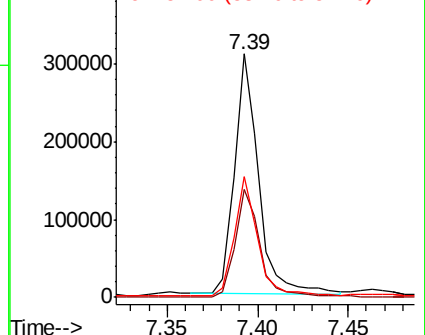


Abundance

Ion 82.00 (81.70 to 82.70): BF1

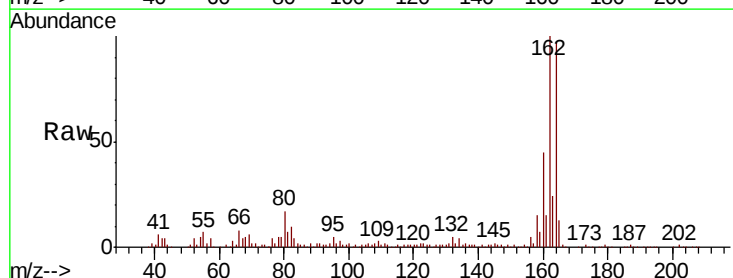
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF112573.D
 Acq: 14 Feb 2019 17:41

Tgt Ion	164	Resp	159468
Ion Ratio	Lower	Upper	
164	100		
162	103.6	82.2	123.4
160	46.9	36.2	54.4

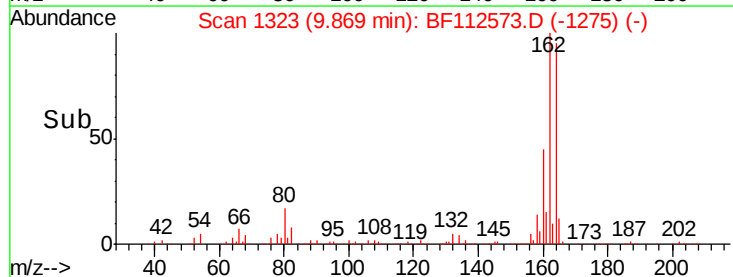
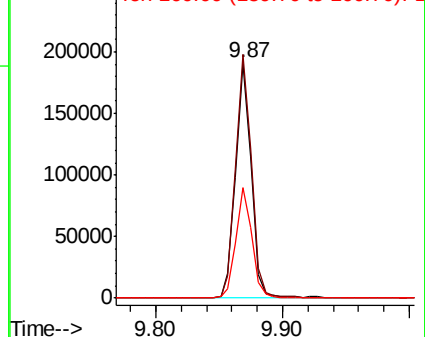


Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 80.130 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112573.D

Acq: 14 Feb 2019 17:41

Instrument :

BNA_F

ClientSampleId :

SB-10(0-5)

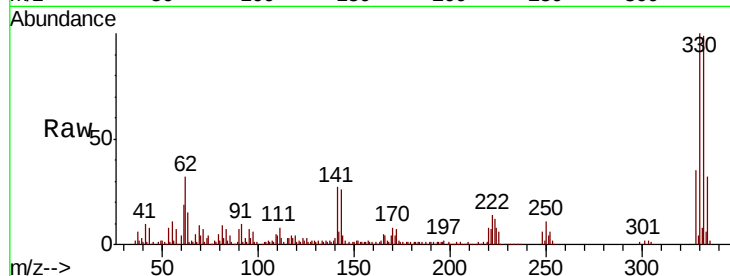
Tot Ion:330 Resp: 148735

Ion Ratio Lower Upper

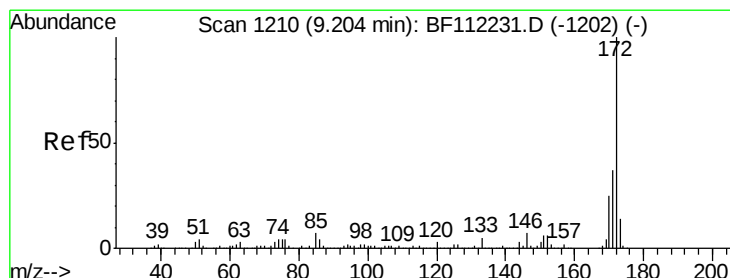
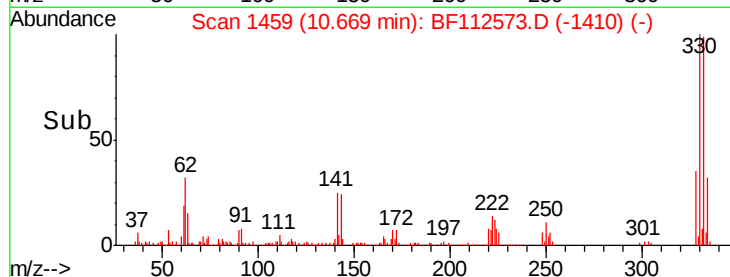
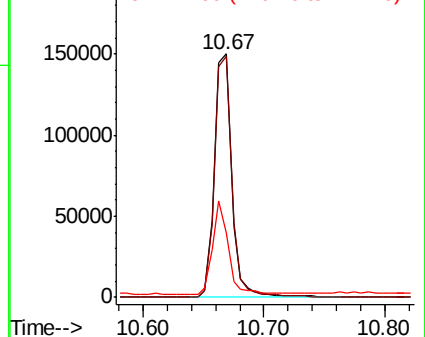
330 100

332 99.4 76.6 114.8

141 35.3 24.3 36.5



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: 50.816 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF112573.D

Acq: 14 Feb 2019 17:41

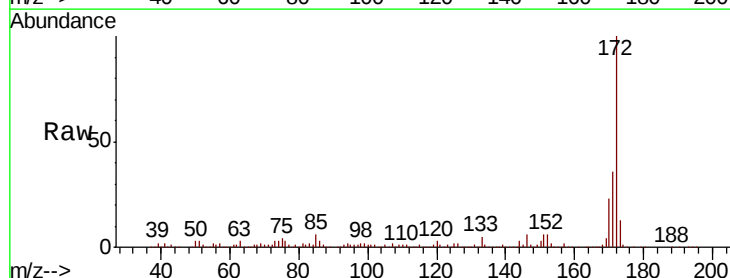
Tgt Ion:172 Resp: 572957

Ion Ratio Lower Upper

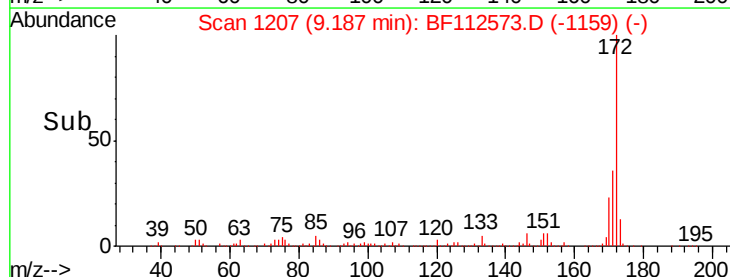
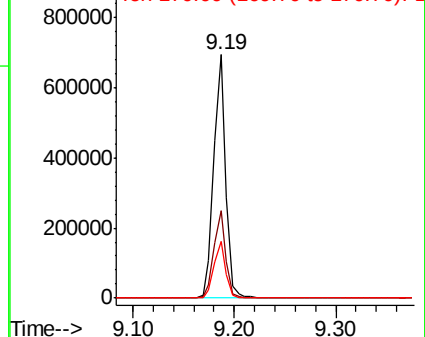
172 100

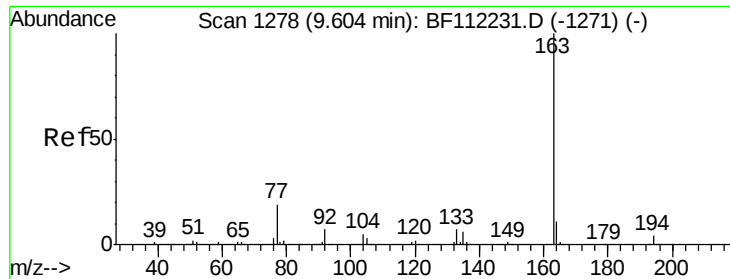
171 36.0 30.5 45.7

170 23.4 20.2 30.4



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

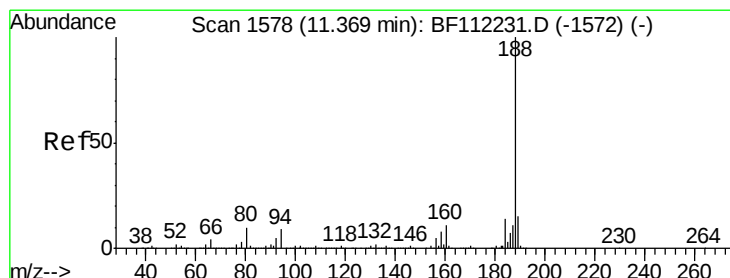
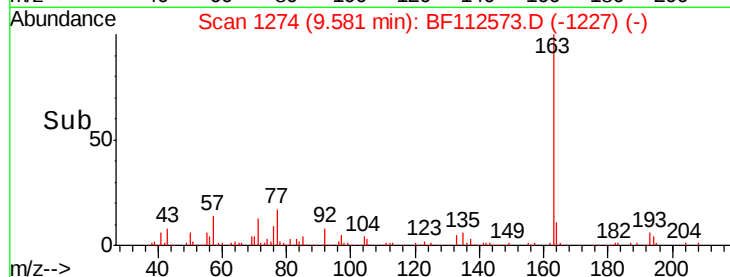
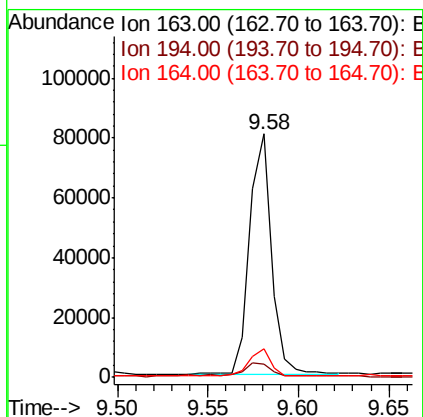
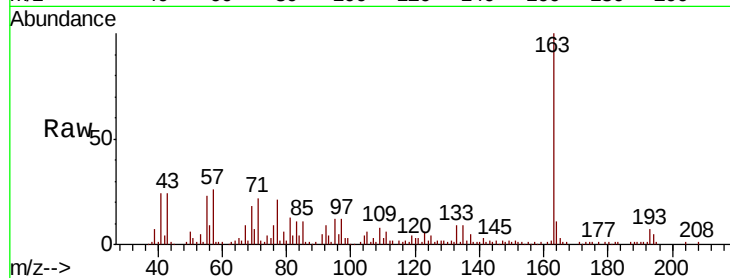




#50
Dimethylphthalate
Concen: 5.569 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112573.D
Acq: 14 Feb 2019 17:41

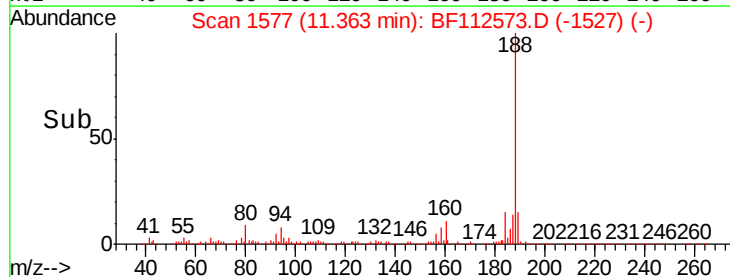
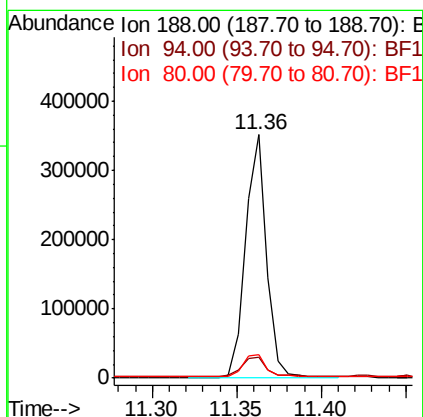
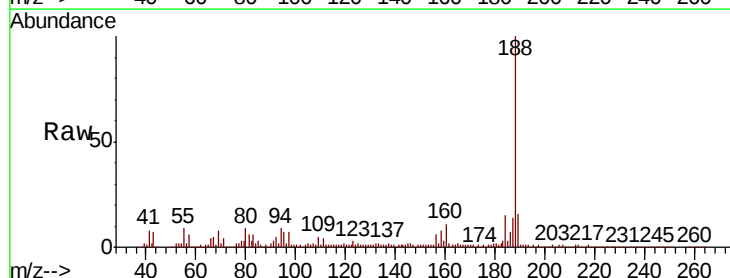
Instrument :
BNA_F
ClientSampled :
SB-10(0-5)

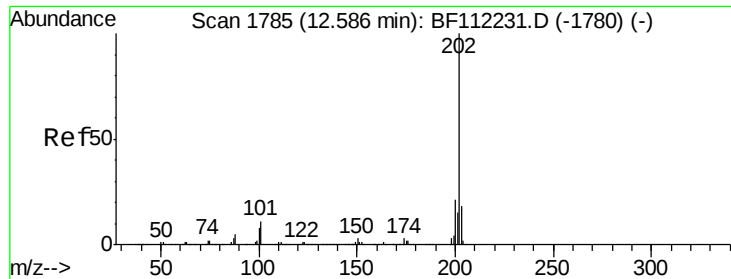
Tot Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.3	4.9#
164	11.5	8.5	12.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112573.D
Acq: 14 Feb 2019 17:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.2	12.2
80	9.4	8.9	13.3





#75

Fluoranthene

Concen: 5.374 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF112573.D

Acq: 14 Feb 2019 17:41

Instrument :

BNA_F

ClientSampleId :

SB-10(0-5)

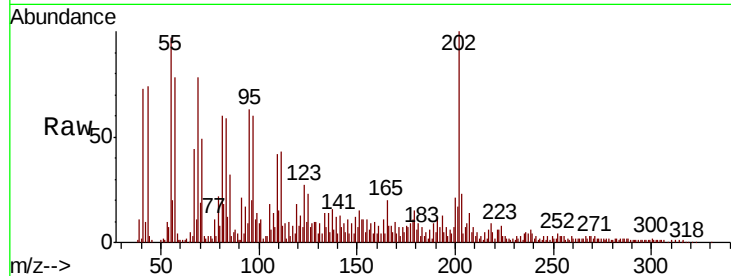
Tot Ion:202 Resp: 91030

Ion Ratio Lower Upper

202 100

101 11.5 0.0 31.8

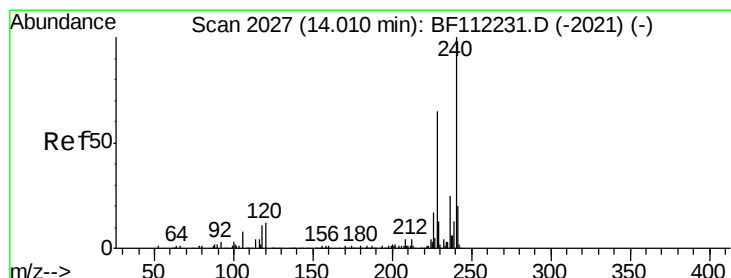
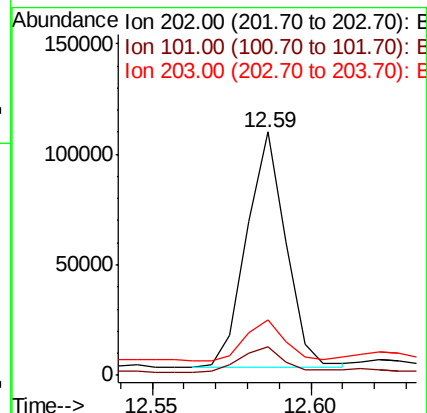
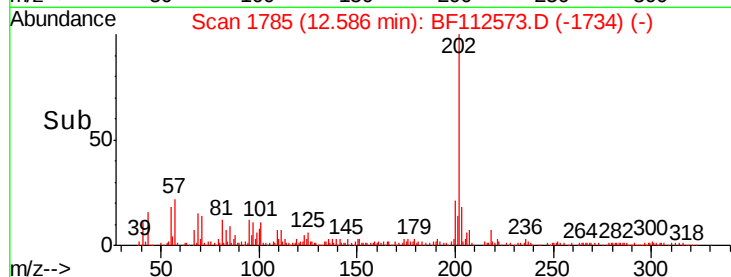
203 23.0 0.0 38.4



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: 14.03 min Scan# 2031

Delta R.T. 0.02 min

Lab File: BF112573.D

Acq: 14 Feb 2019 17:41

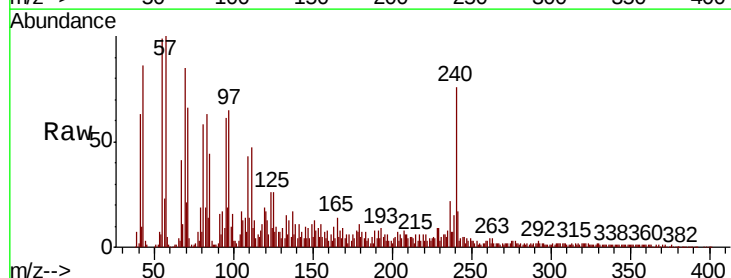
Tgt Ion:240 Resp: 185909

Ion Ratio Lower Upper

240 100

120 21.9 9.0 13.6#

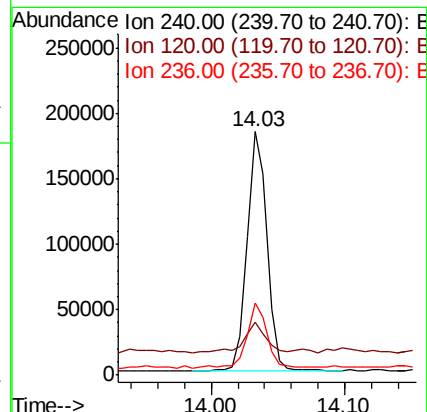
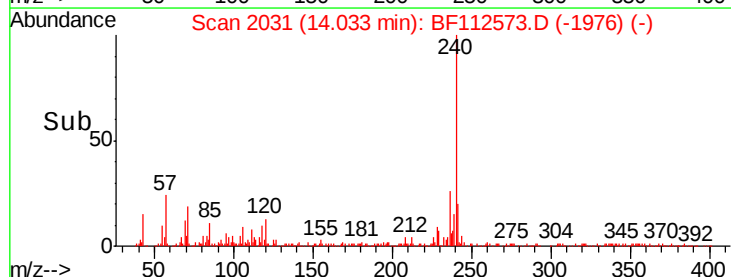
236 29.4 20.7 31.1

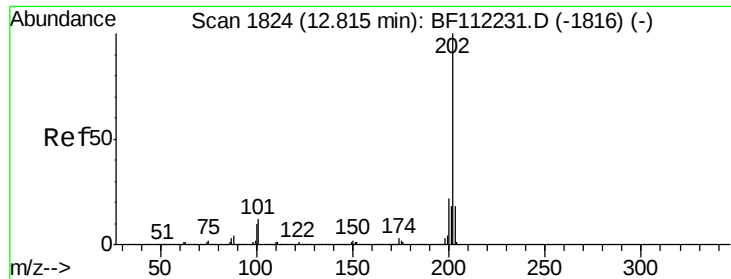


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

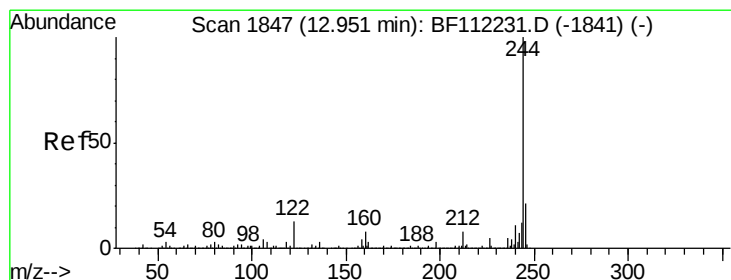
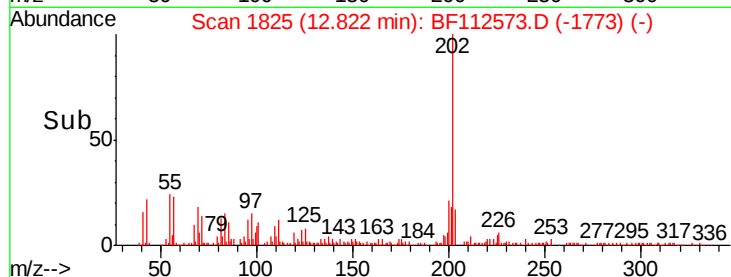
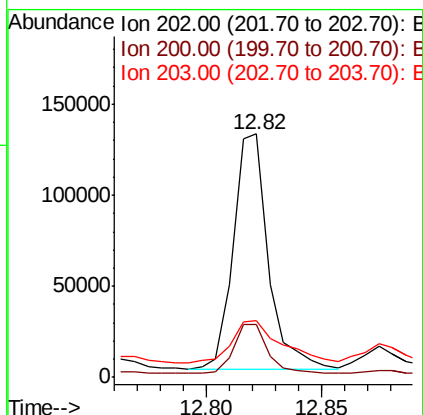
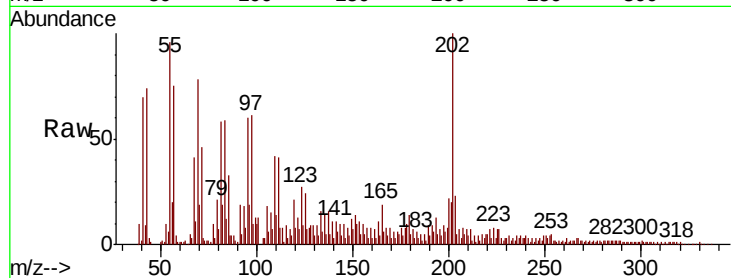




#78
Pvrene
Concen: 10.534 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.01 min
Lab File: BF112573.D
Acq: 14 Feb 2019 17:41

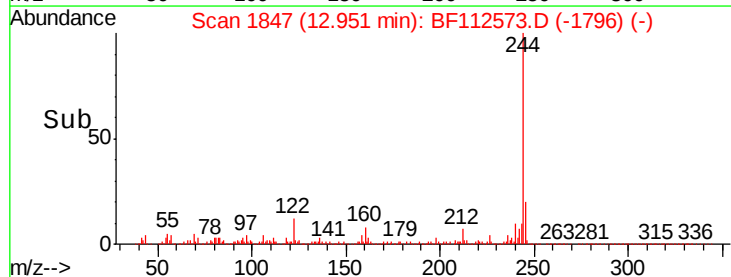
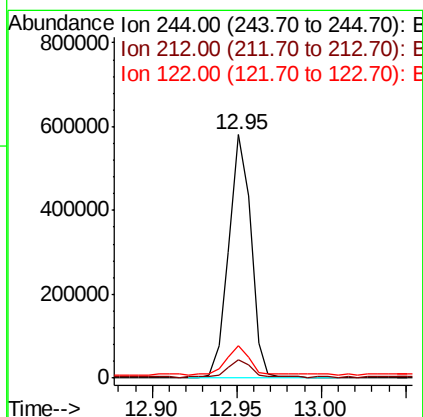
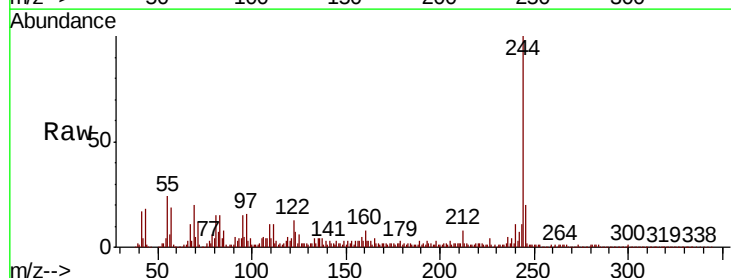
Instrument :
BNA_F
ClientSampleId :
SB-10(0-5)

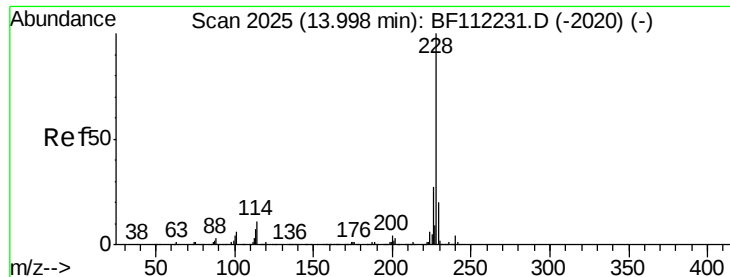
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.7	26.5
203	23.4	14.6	22.0



#79
Terphenyl-d14
Concen: 53.549 ng
RT: 12.95 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BF112573.D
Acq: 14 Feb 2019 17:41

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	13.1	9.8	14.6





#81

Benzo(a)anthracene

Concen: 2.964 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.02 min

Lab File: BF112573.D

Acq: 14 Feb 2019 17:41

Instrument :

BNA_F

ClientSampleId :

SB-10(0-5)

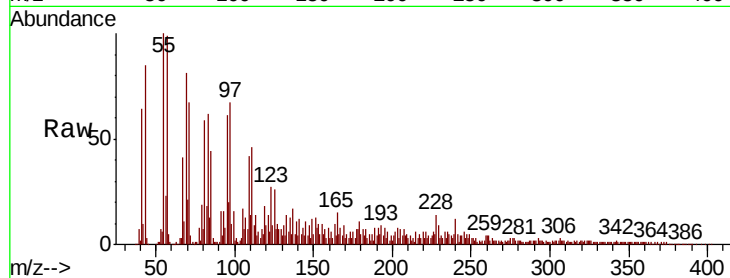
Tot Ion:228 Resp: 32398

Ion Ratio Lower Upper

228 100

226 40.3 22.6 34.0#

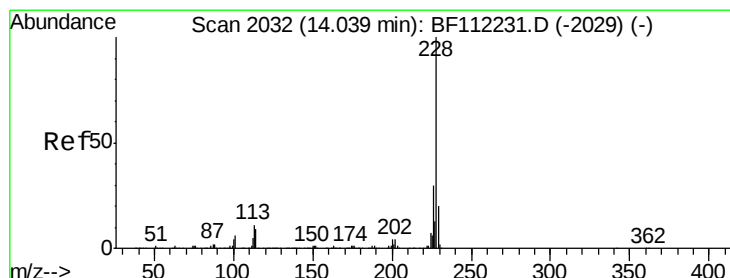
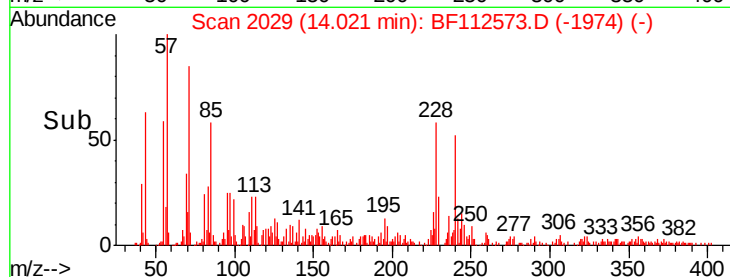
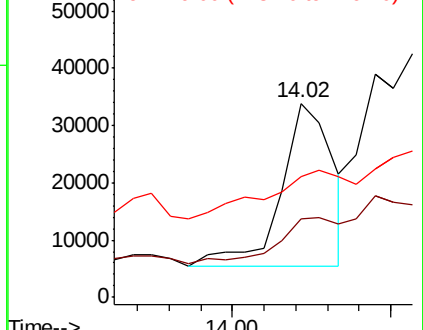
229 62.3 16.5 24.7#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 6.382 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.02 min

Lab File: BF112573.D

Acq: 14 Feb 2019 17:41

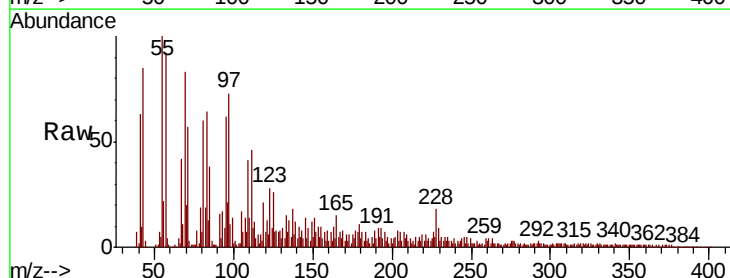
Tgt Ion:228 Resp: 66582

Ion Ratio Lower Upper

228 100

226 39.9 25.0 37.6#

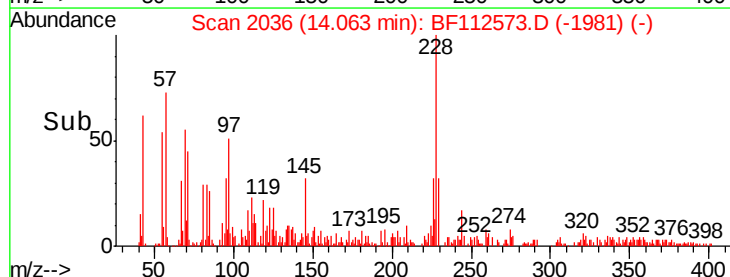
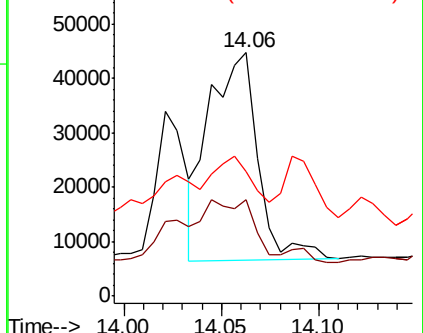
229 51.3 16.6 24.8#

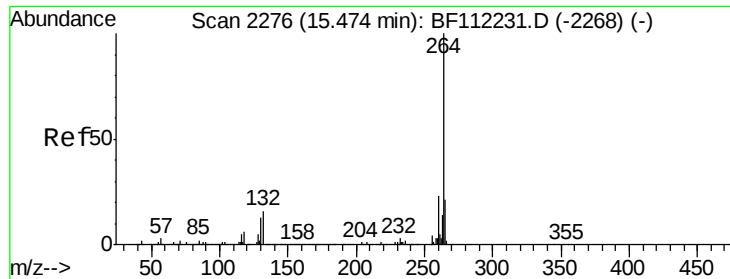


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

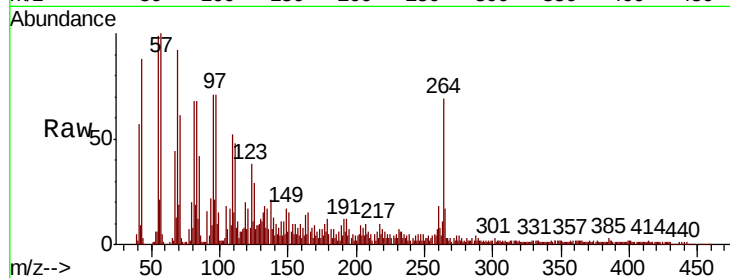




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.06 min
Lab File: BF112573.D
Acq: 14 Feb 2019 17:41

Instrument :
BNA_F
ClientSampleId :
SB-10(0-5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.7	18.2	27.2
265	24.6	17.0	25.4



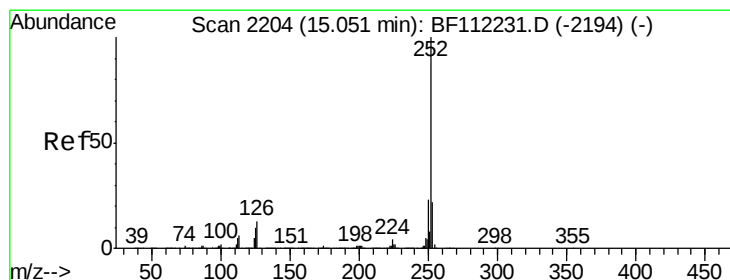
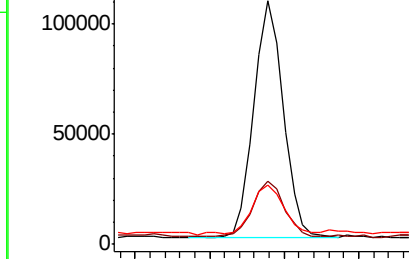
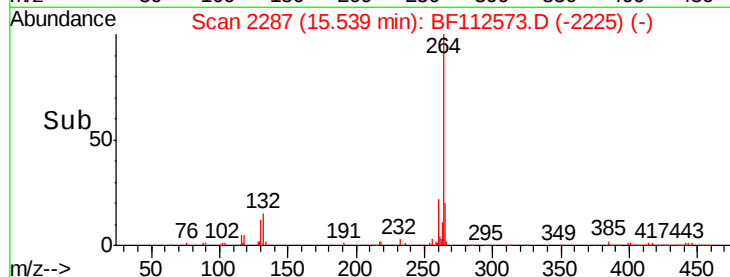
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

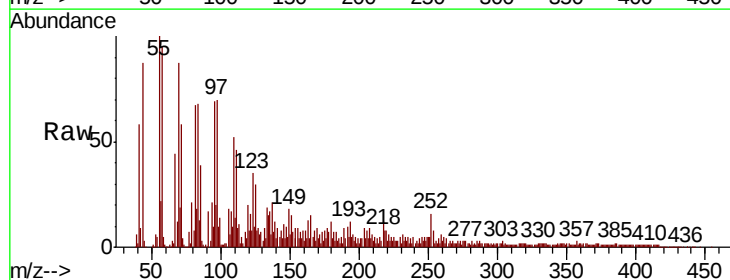
Ion 265.00 (264.70 to 265.70): E

15.54



#88
Benzo(b)fluoranthene
Concen: 6.670 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.05 min
Lab File: BF112573.D
Acq: 14 Feb 2019 17:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	47.4	18.0	27.0#
125	185.6	8.7	13.1#



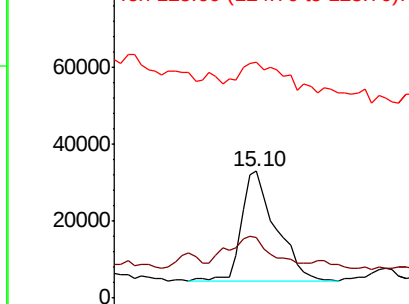
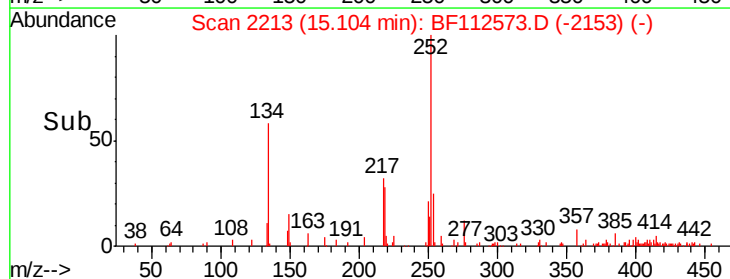
Abundance

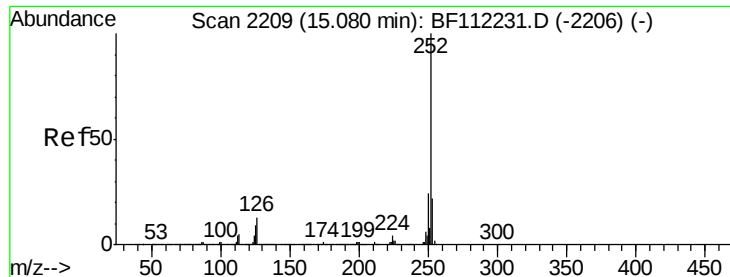
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

15.10

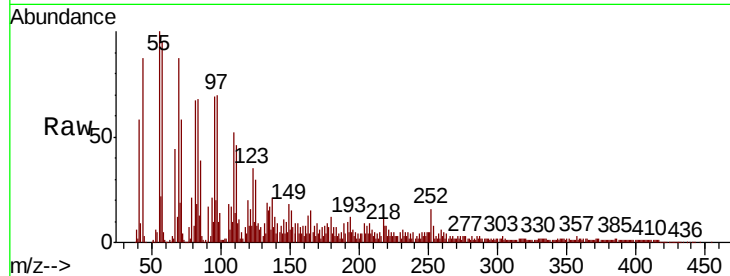




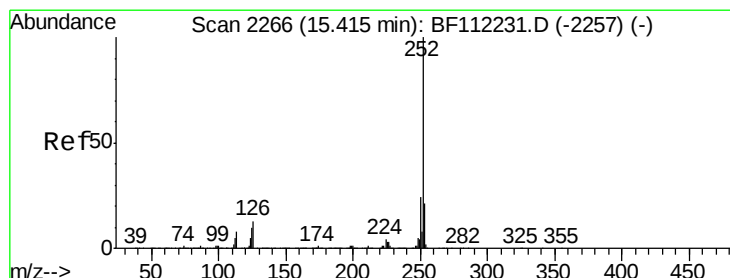
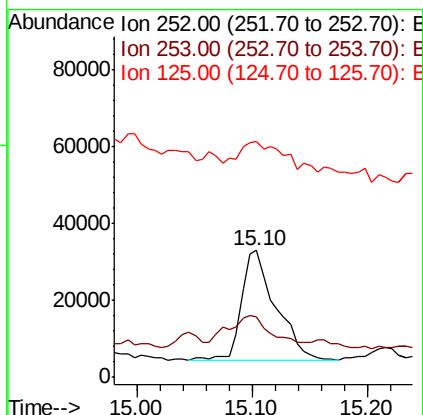
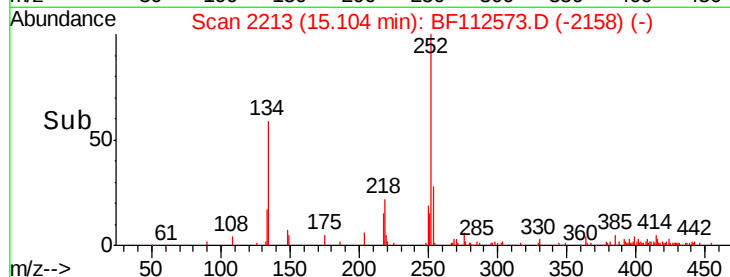
#89
Benzo(k)fluoranthene
Concen: 6.963 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.02 min
Lab File: BF112573.D
Acq: 14 Feb 2019 17:41

Instrument :
BNA_F
ClientSampleId :
SB-10(0-5)

Tot Ion:252 Resp: 58913
Ion Ratio Lower Upper
252 100
253 47.4 18.0 27.0#
125 185.6 9.1 13.7#

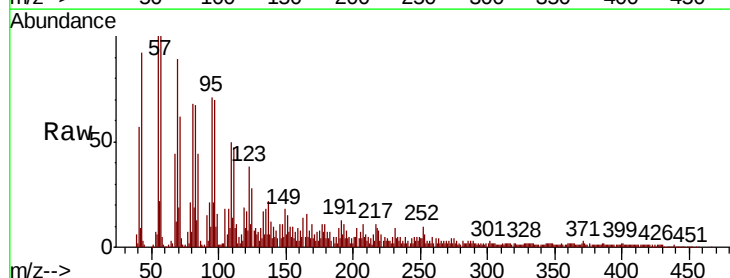


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 2.485 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.06 min
Lab File: BF112573.D
Acq: 14 Feb 2019 17:41

Tgt Ion:252 Resp: 19749
Ion Ratio Lower Upper
252 100
253 60.7 17.5 26.3#
125 283.7 9.0 13.4#



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

