

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
 Data File : BF103233.D
 Acq On : 26 Feb 2018 22:24
 Operator : SJ/JU
 Sample : J1691-57 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 27 00:08:44 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

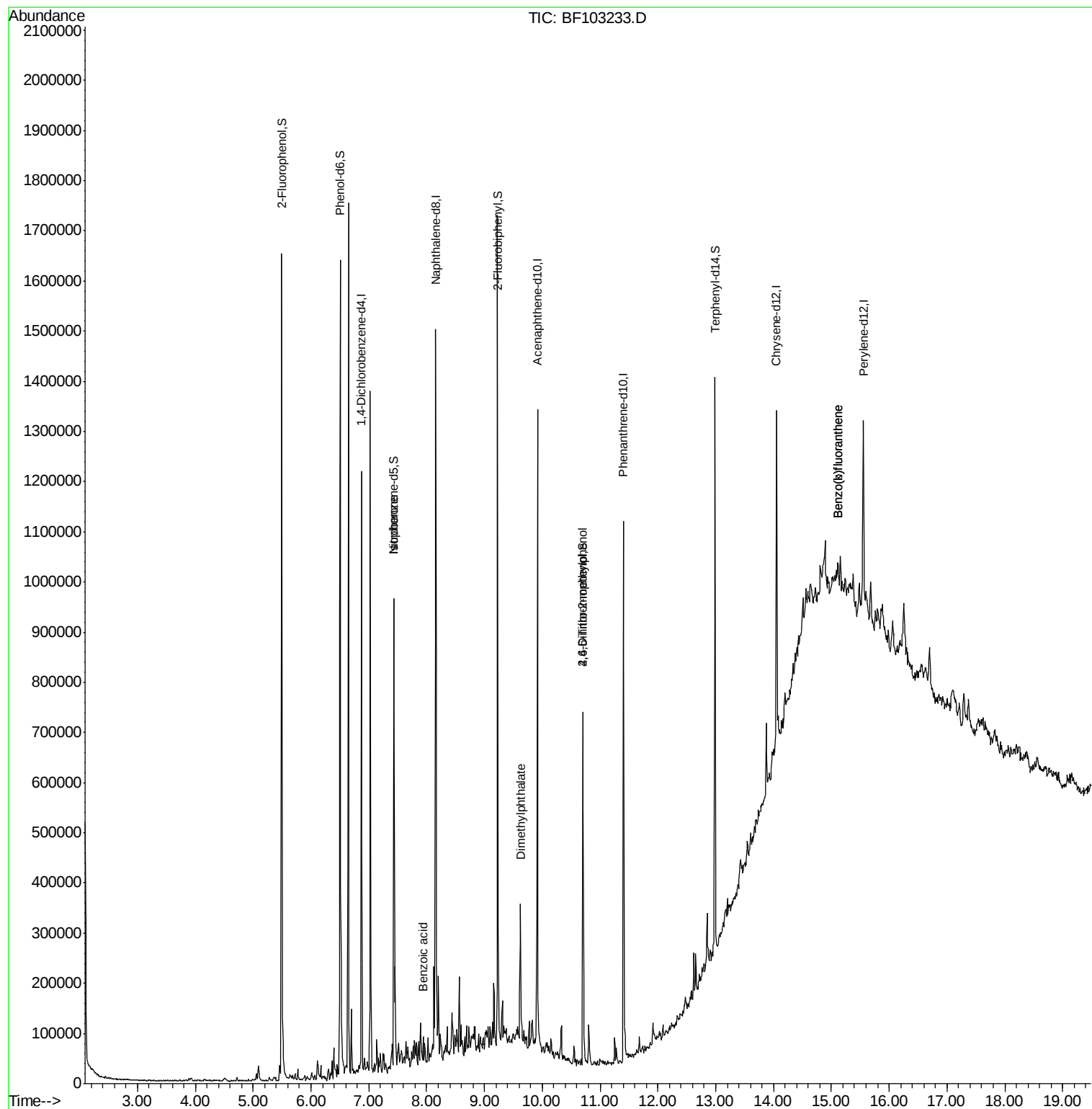
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	157825	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	631814	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	248521	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	377813	20.00	ng	0.00
75) Chrysene-d12	14.06	240	250833	20.00	ng	0.00
86) Perylene-d12	15.56	264	168372	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	458940	43.98	ng	0.00
7) Phenol-d6	6.50	99	545346	42.71	ng	0.00
23) Nitrobenzene-d5	7.43	82	300164	27.13	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	75019	35.66	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	497341	28.57	ng	0.00
78) Terphenyl-d14	12.99	244	363683	34.85	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	1221	Below Cal	#	1
25) Isophorone	7.43	82	300164	13.78	ng	65
32) Benzoic acid	7.94	122	264	6.95	ng	89
49) Dimethylphthalate	9.62	163	59580	2.99	ng	97
64) 4,6-Dinitro-2-methylphenol	10.70	198	217	5.03	ng	# 1
87) Benzo(b)fluoranthene	15.12	252	22352	2.02	ng	# 1
88) Benzo(k)fluoranthene	15.12	252	22352	2.14	ng	# 3

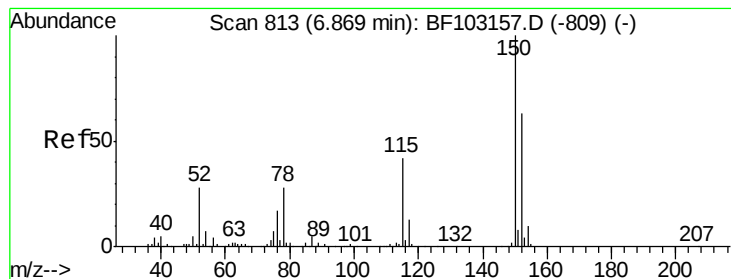
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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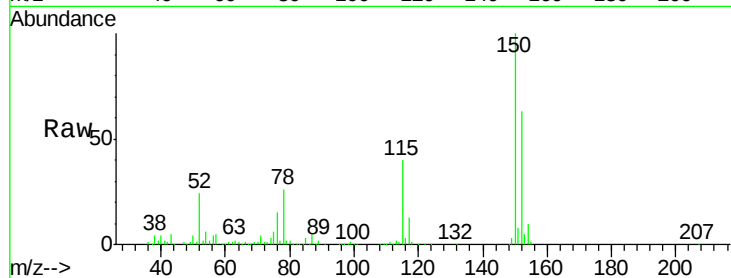


#1

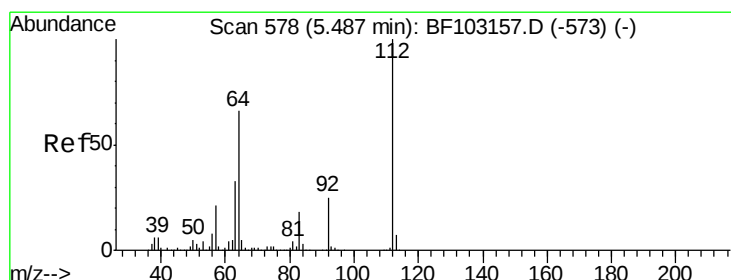
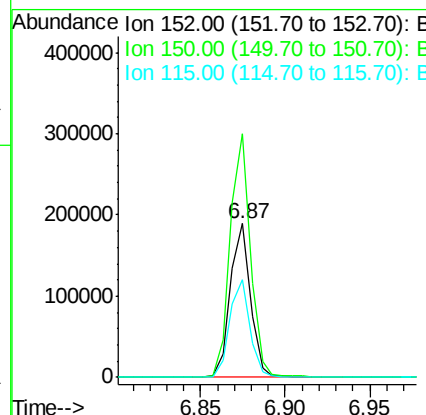
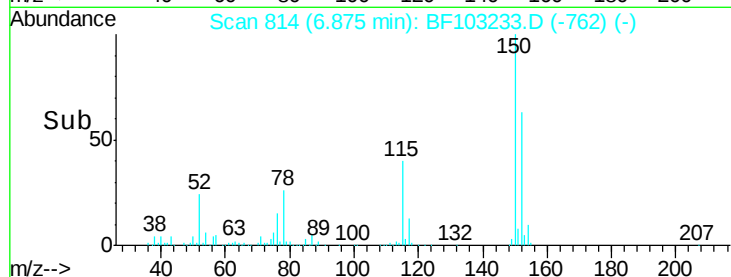
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103233.D
Acq: 26 Feb 2018 22:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.6	186.8
115	63.5	50.1	75.1



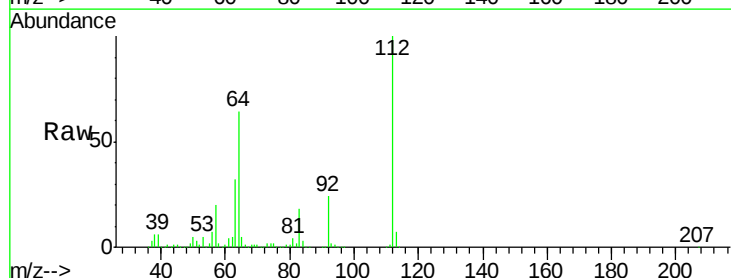
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



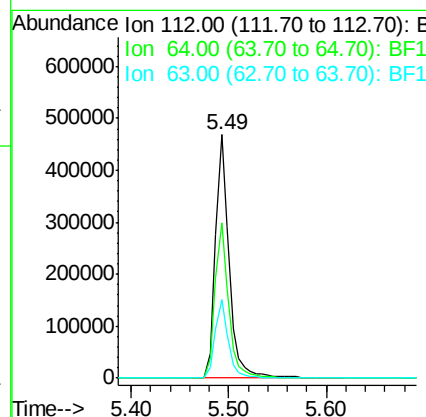
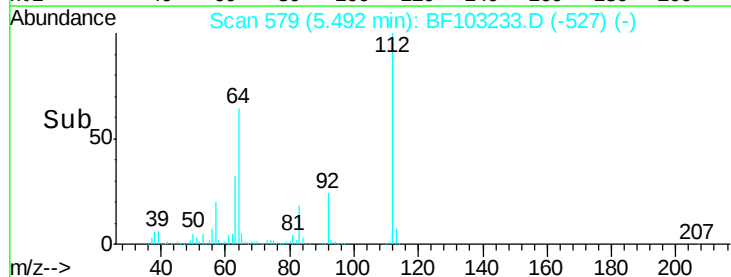
#5

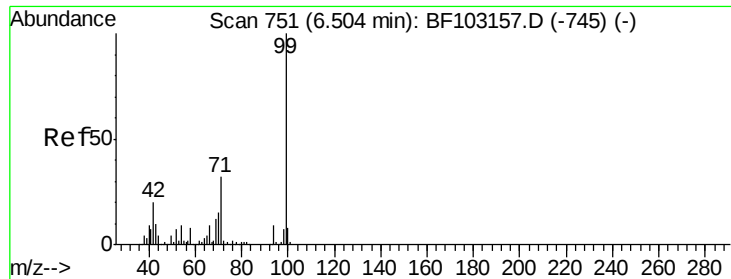
2-Fluorophenol
Concen: 43.98 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103233.D
Acq: 26 Feb 2018 22:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.0	47.9	71.9
63	32.0	23.7	35.5



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: 42.71 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF103233.D

Acq: 26 Feb 2018 22:24

Instrument :

BNA_F

ClientSampleId :

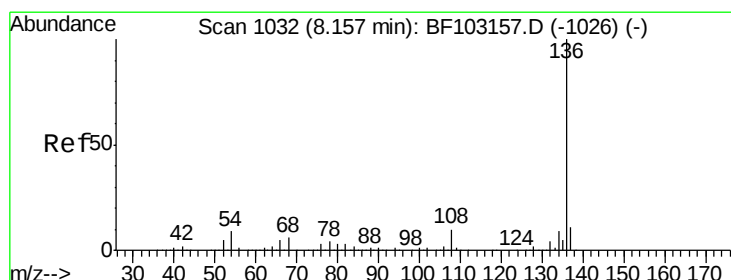
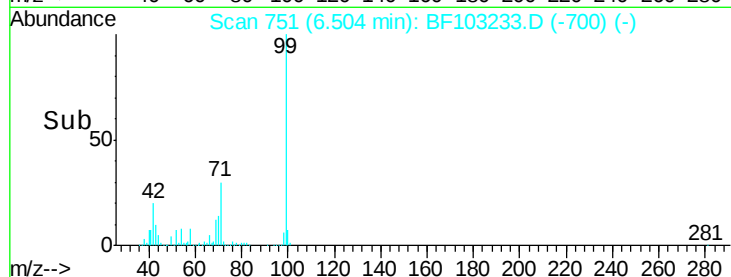
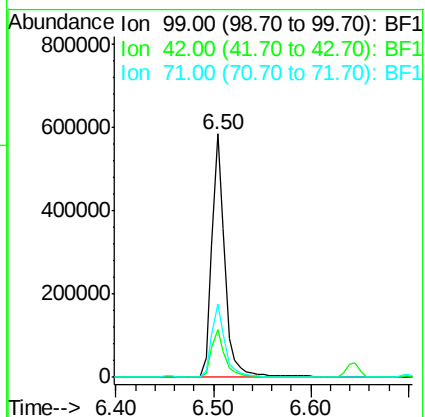
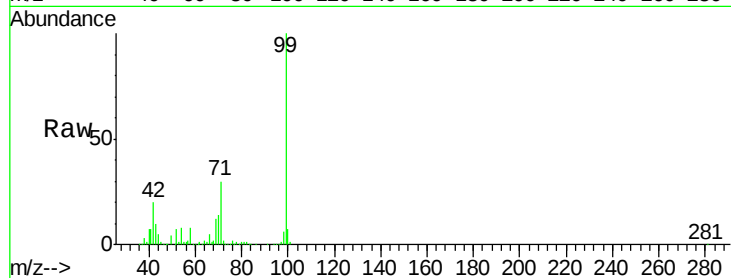
Tot Ion: 99 Resp: 545346

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

71 30.4 25.4 38.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF103233.D

Acq: 26 Feb 2018 22:24

Tgt Ion: 136 Resp: 631814

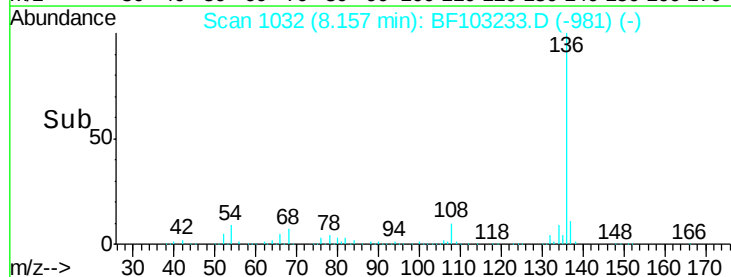
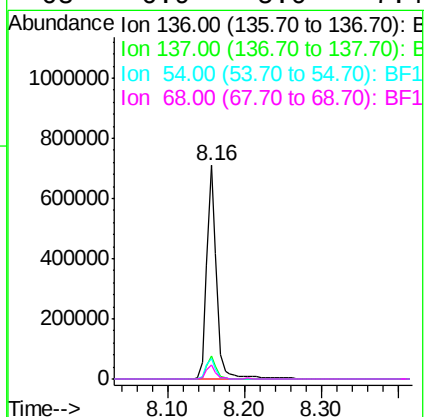
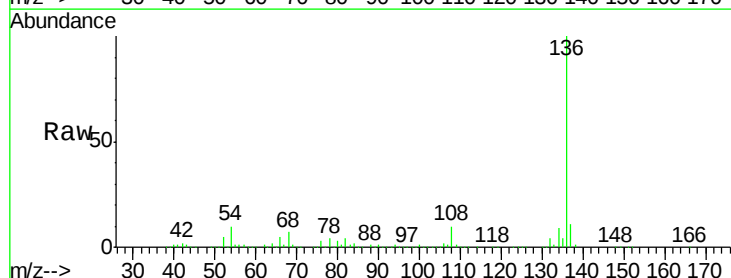
Ion Ratio Lower Upper

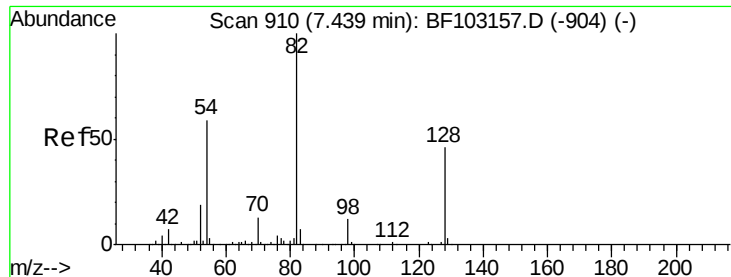
136 100

137 11.1 8.9 13.3

54 9.5 6.6 9.8

68 6.9 5.0 7.4

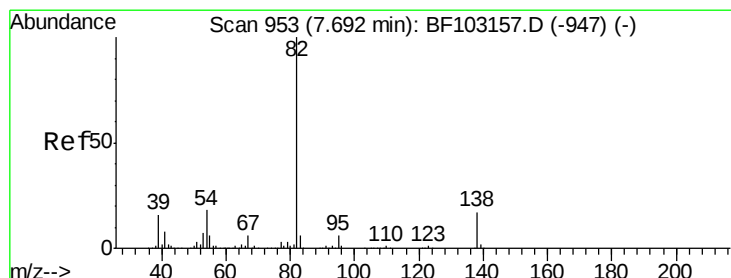
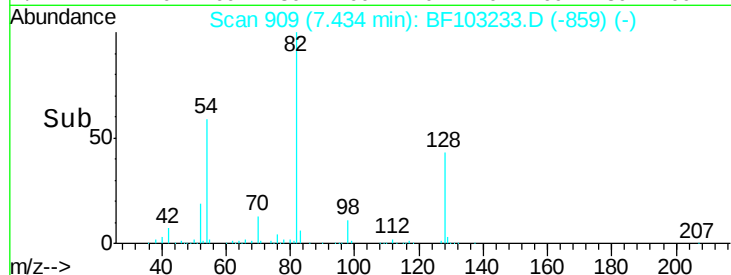
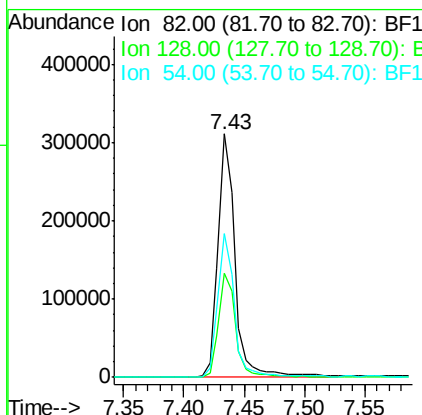
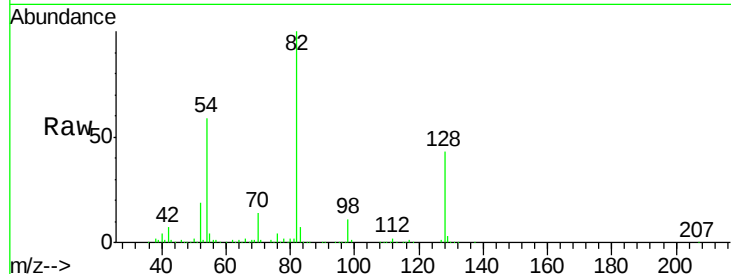




#23
 Nitrobenzene-d5
 Concen: 27.13 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF103233.D
 Acq: 26 Feb 2018 22:24

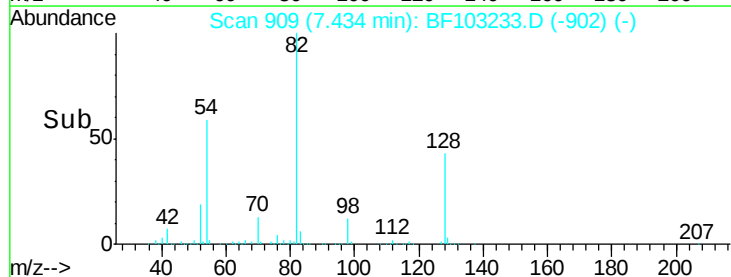
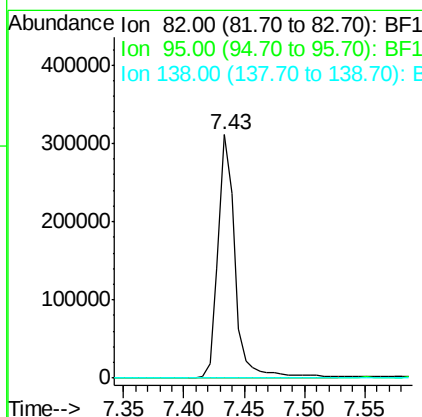
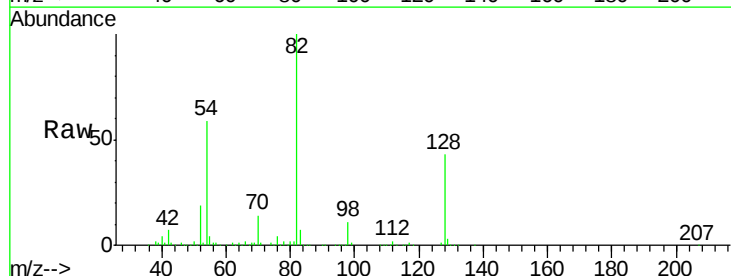
Instrument :
 BNA_F
 ClientSampleId :

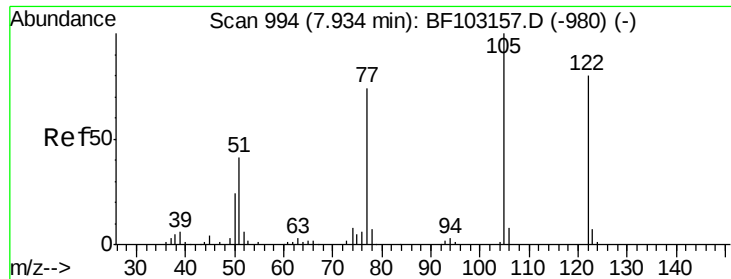
Tot Ion	82	Resp	300164
Ion Ratio	Lower	Upper	
82	100		
128	42.6	36.1	54.1
54	58.9	41.4	62.2



#25
 Isophorone
 Concen: 13.78 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.26 min
 Lab File: BF103233.D
 Acq: 26 Feb 2018 22:24

Tgt Ion	82	Resp	300164
Ion Ratio	Lower	Upper	
82	100		
95	0.4	5.2	7.8#
138	0.0	14.9	22.3#

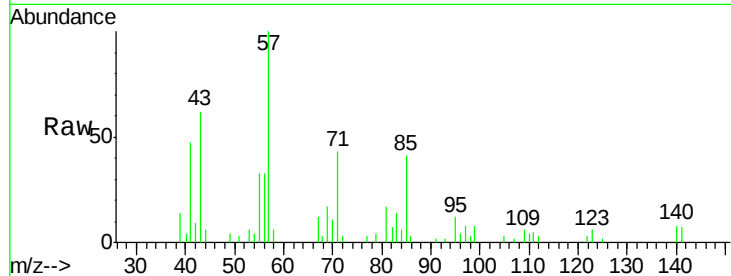




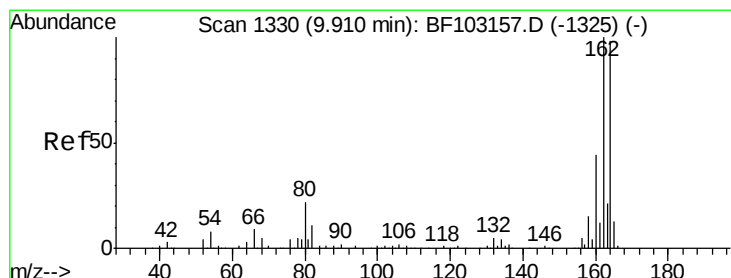
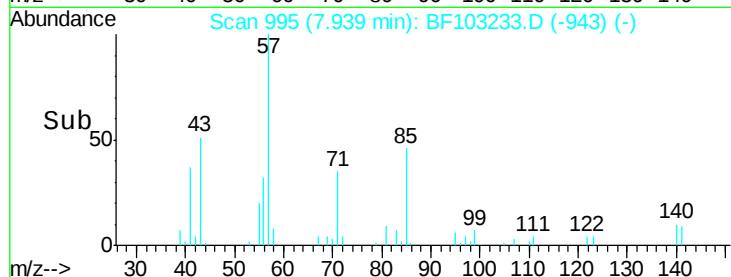
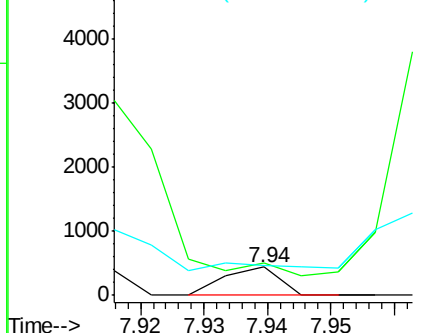
#32
Benzoic acid
Concen: 6.95 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.01 min
Lab File: BF103233.D
Acq: 26 Feb 2018 22:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 264
Ion Ratio Lower Upper
122 100
105 114.0 101.1 141.1
77 106.3 70.7 110.7

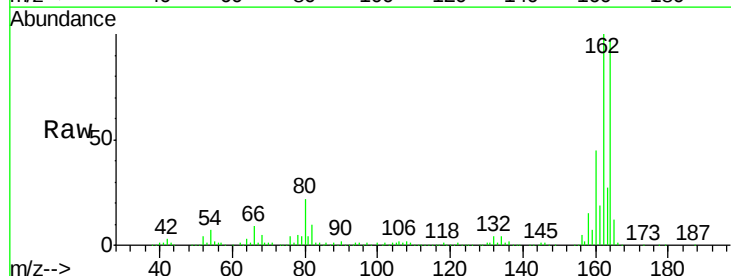


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

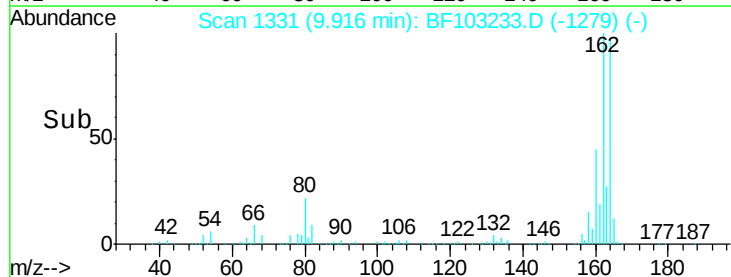
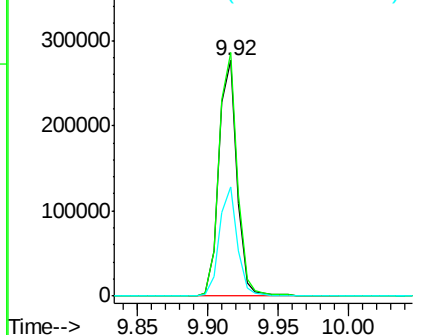


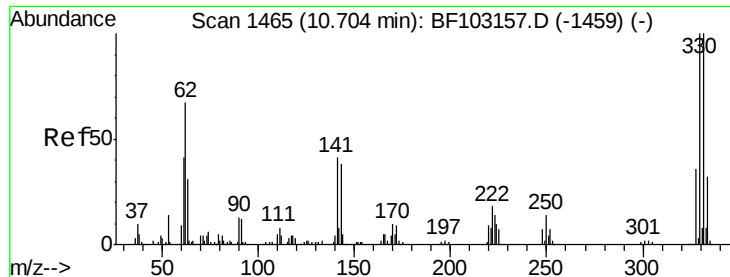
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF103233.D
Acq: 26 Feb 2018 22:24

Tgt Ion:164 Resp: 248521
Ion Ratio Lower Upper
164 100
162 103.3 86.1 129.1
160 46.5 38.3 57.5



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

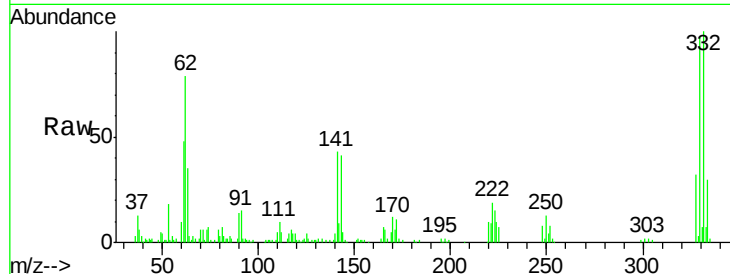




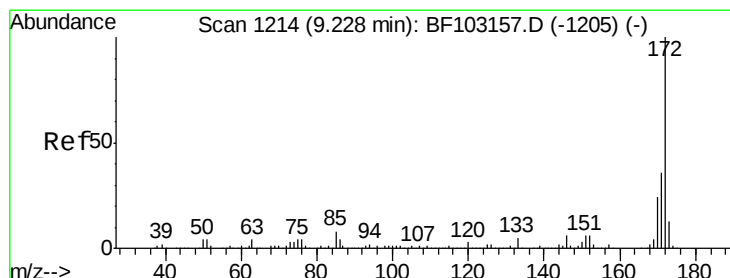
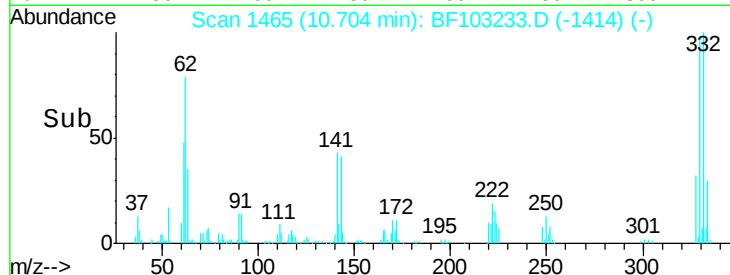
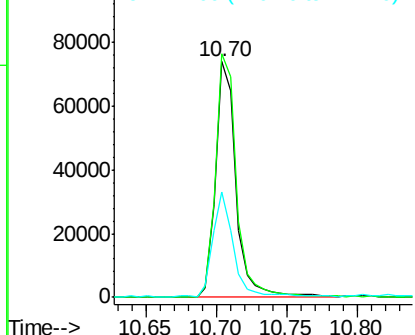
#41
 2,4,6-Tribromophenol
 Concen: 35.66 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BF103233.D
 Acq: 26 Feb 2018 22:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 75019
 Ion Ratio Lower Upper
 330 100
 332 105.5 77.0 115.6
 141 45.9 29.9 44.9#

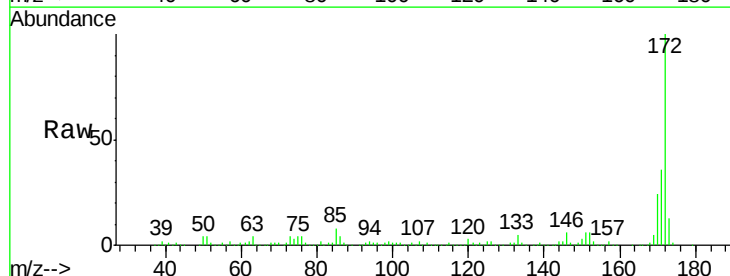


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

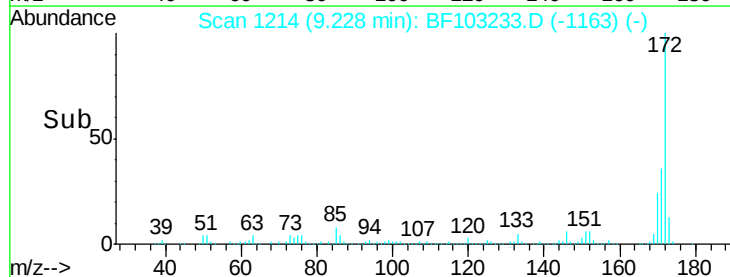
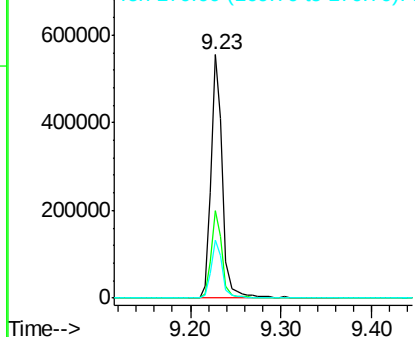


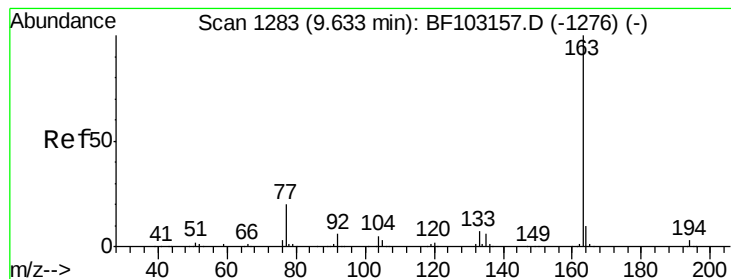
#44
 2-Fluorobiphenyl
 Concen: 28.57 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF103233.D
 Acq: 26 Feb 2018 22:24

Tgt Ion:172 Resp: 497341
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.0 19.6 29.4



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





#49

Dimethylphthalate

Concen: 2.99 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF103233.D

Acq: 26 Feb 2018 22:24

Instrument :

BNA_F

ClientSampleId :

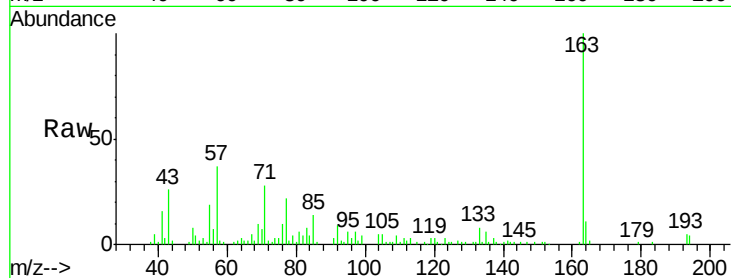
Tot Ion:163 Resp: 59580

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

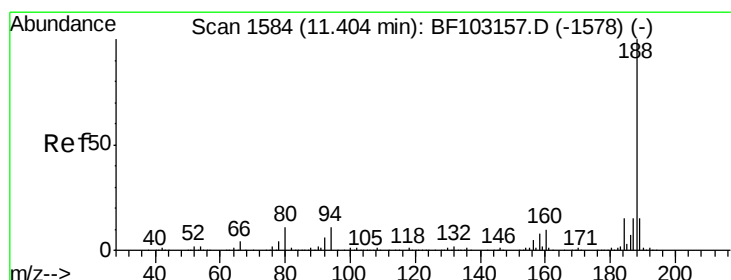
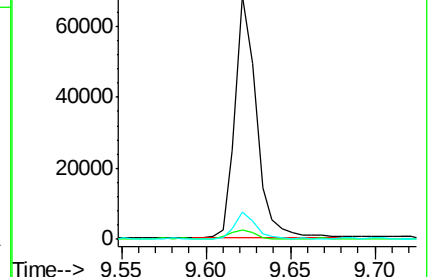
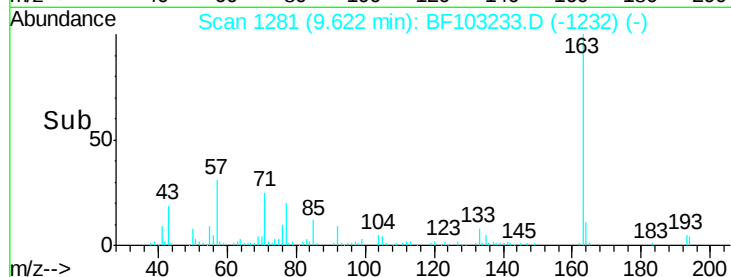
164 11.4 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.00 min

Lab File: BF103233.D

Acq: 26 Feb 2018 22:24

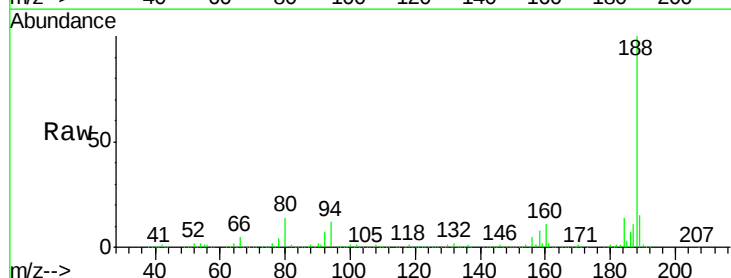
Tgt Ion:188 Resp: 377813

Ion Ratio Lower Upper

188 100

94 12.4 8.5 12.7

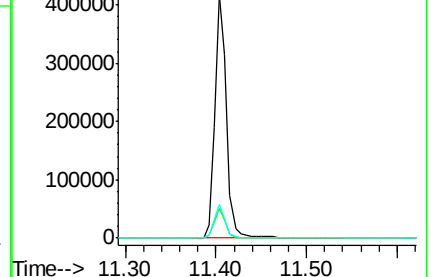
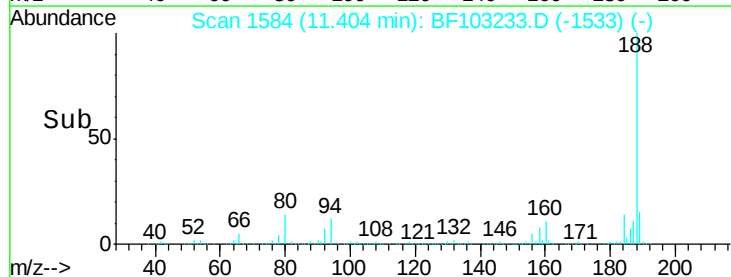
80 13.6 9.2 13.8

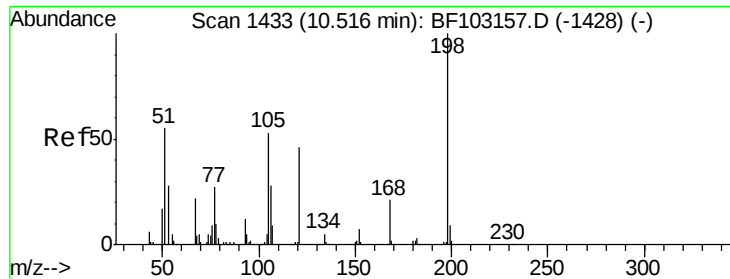


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 5.03 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.19 min

Lab File: BF103233.D

Acq: 26 Feb 2018 22:24

Instrument :

BNA_F

ClientSampleId :

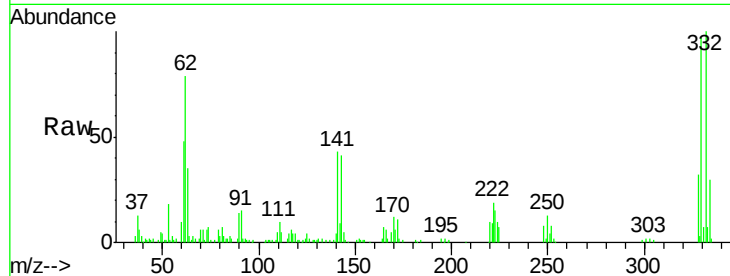
Tot Ion:198 Resp: 217

Ion Ratio Lower Upper

198 100

51 253.7 37.7 77.7#

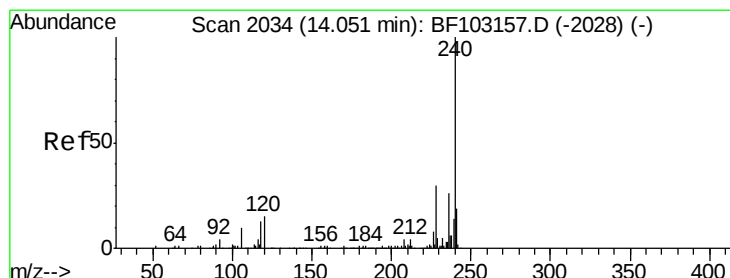
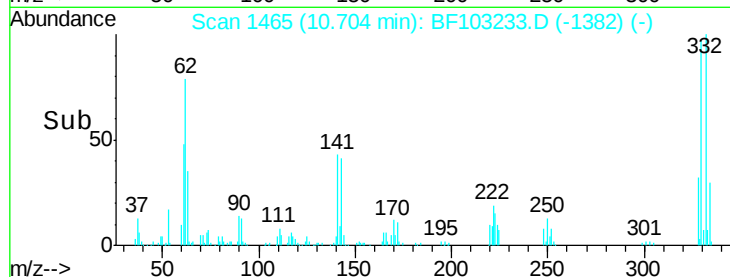
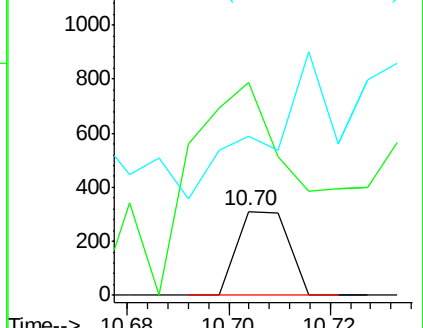
105 190.0 36.3 76.3#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF103233.D

Acq: 26 Feb 2018 22:24

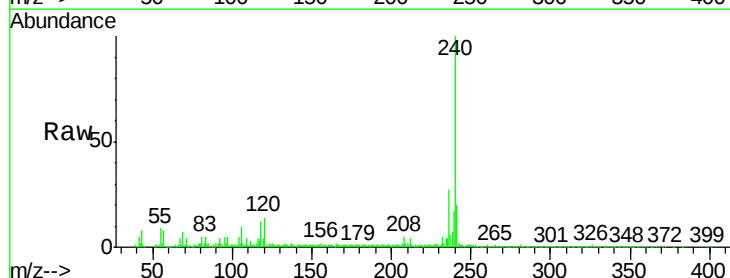
Tgt Ion:240 Resp: 250833

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

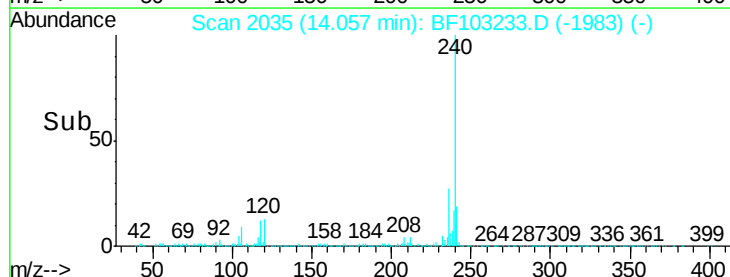
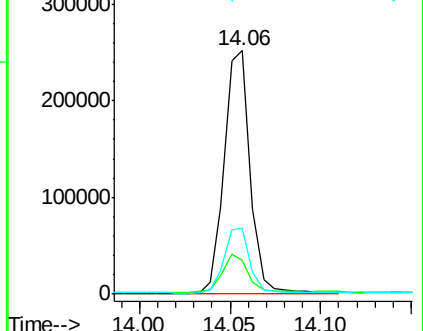
236 27.2 20.7 31.1

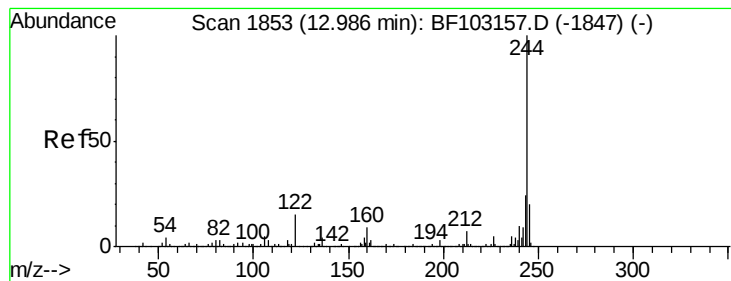


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 34.85 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF103233.D

Acq: 26 Feb 2018 22:24

Instrument :

BNA_F

ClientSampleId :

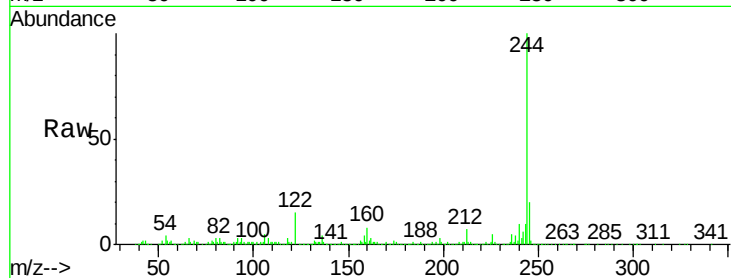
Tot Ion:244 Resp: 363683

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

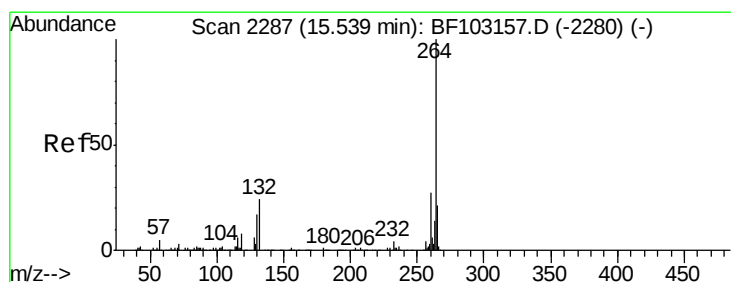
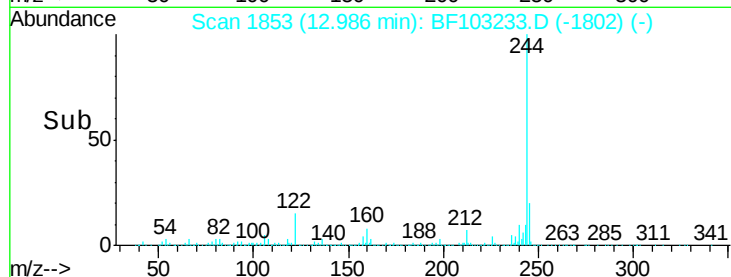
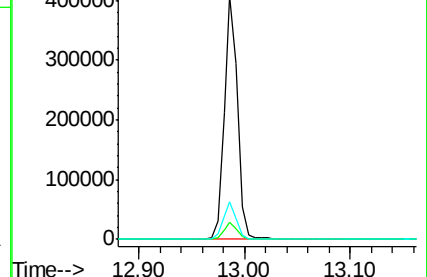
122 15.2 11.0 16.4



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.56 min Scan# 2290

Delta R.T. 0.02 min

Lab File: BF103233.D

Acq: 26 Feb 2018 22:24

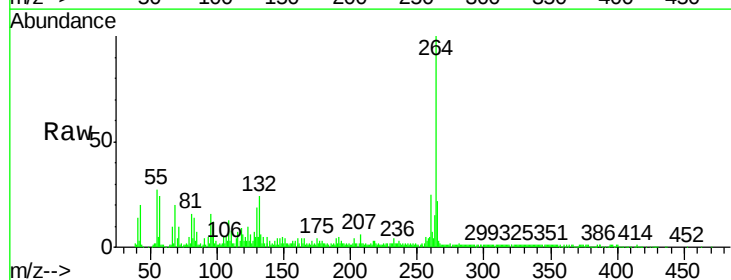
Tgt Ion:264 Resp: 168372

Ion Ratio Lower Upper

264 100

260 25.4 19.2 28.8

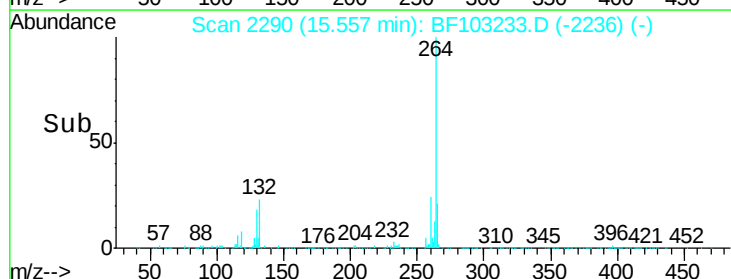
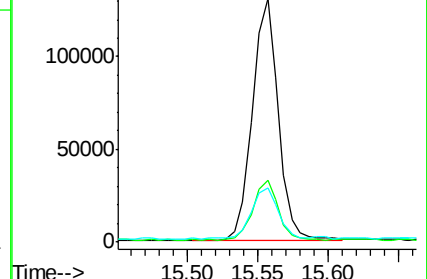
265 22.1 17.5 26.3

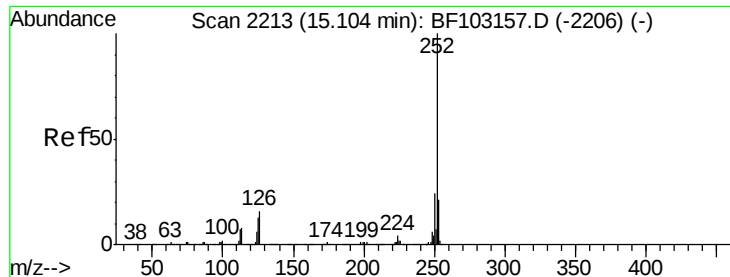


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 2.02 ng

RT: 15.12 min Scan# 2215

Delta R.T. 0.01 min

Lab File: BF103233.D

Acq: 26 Feb 2018 22:24

Instrument :

BNA_F

ClientSampleId :

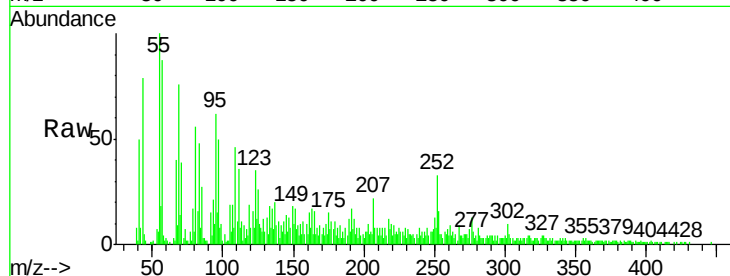
Tot Ion:252 Resp: 22352

Ion Ratio Lower Upper

252 100

253 49.9 17.0 25.6#

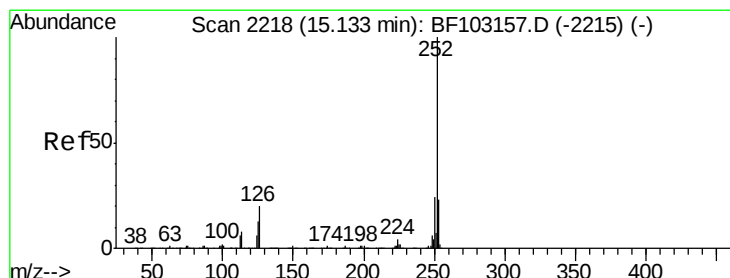
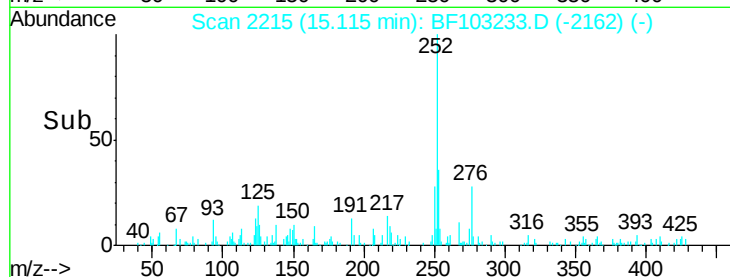
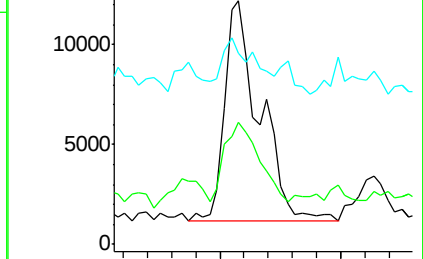
125 78.6 9.0 13.6#



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



#88

Benzo(k)fluoranthene

Concen: 2.14 ng

RT: 15.12 min Scan# 2215

Delta R.T. -0.02 min

Lab File: BF103233.D

Acq: 26 Feb 2018 22:24

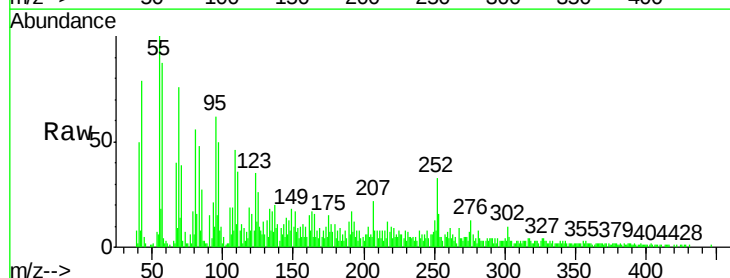
Tgt Ion:252 Resp: 22352

Ion Ratio Lower Upper

252 100

253 49.9 17.9 26.9#

125 78.6 10.2 15.2#



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

