

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
 Data File : BF111773.D
 Acq On : 27 Dec 2018 20:07
 Operator : JU/SJ
 Sample : J6549-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-1

Quant Time: Dec 28 07:18:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

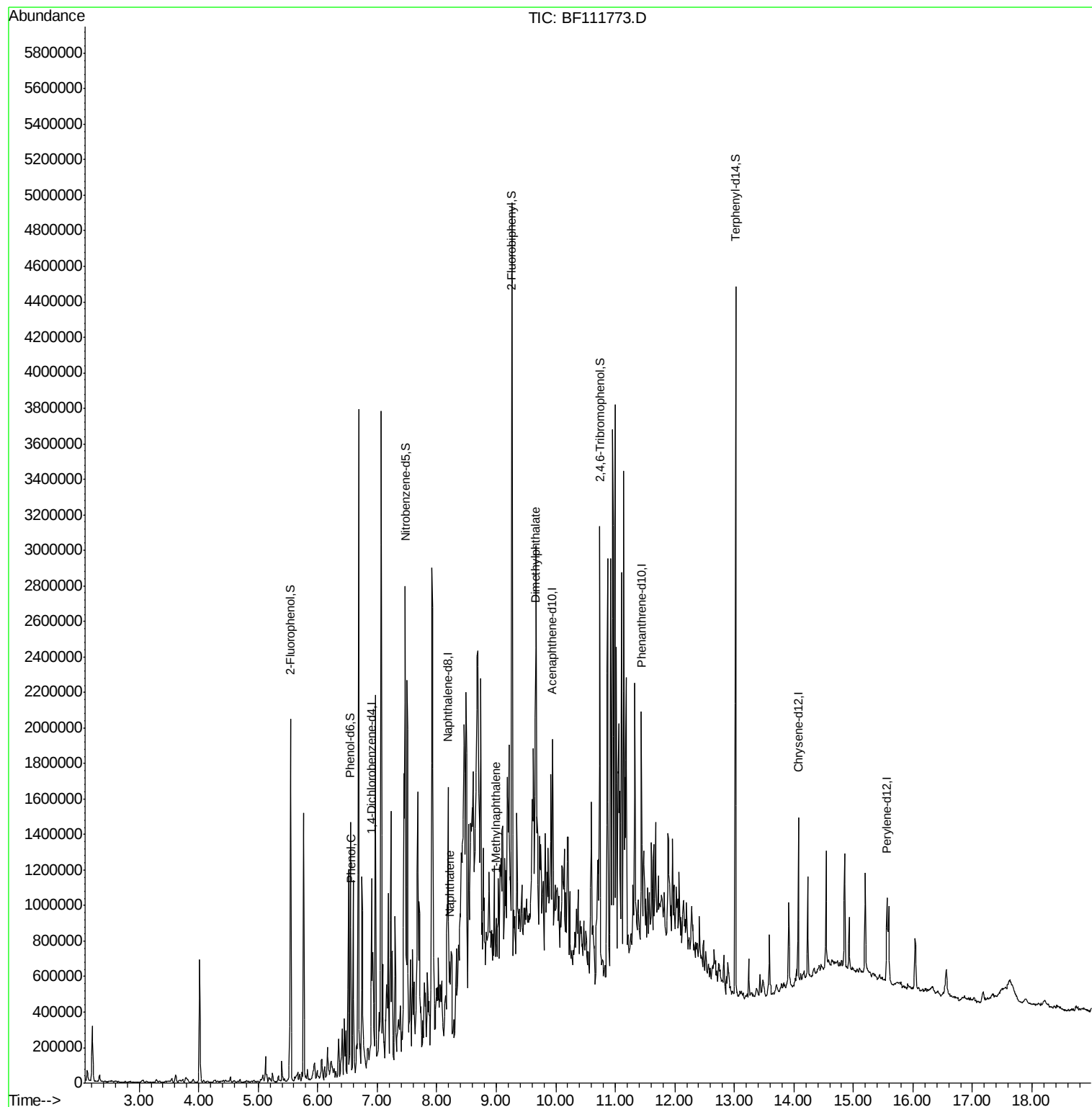
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	141202	20.00	ng	0.01
21) Naphthalene-d8	8.19	136	471835	20.00	ng	0.01
39) Acenaphthene-d10	9.95	164	209871	20.00	ng	0.01
64) Phenanthrene-d10	11.44	188	373986	20.00	ng	0.02
76) Chrysene-d12	14.07	240	307073	20.00	ng	0.02
87) Perylene-d12	15.56	264	227468	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	517588	62.48	ng	0.03
7) Phenol-d6	6.55	99	405142	38.43	ng	0.03
23) Nitrobenzene-d5	7.47	82	799626	98.65	ng	0.01
42) 2,4,6-Tribromophenol	10.75	330	322487	130.05	ng	0.02
45) 2-Fluorobiphenyl	9.27	172	1357229	94.26	ng	0.01
79) Terphenyl-d14	13.02	244	1389651	85.82	ng	0.02
Target Compounds						
10) Phenol	6.56	94	59553	5.006	ng	96
31) Naphthalene	8.21	128	69799	3.079	ng	# 95
38) 1-Methylnaphthalene	9.00	142	32983	2.328	ng	# 96
50) Dimethylphthalate	9.66	163	56370	3.673	ng	# 53

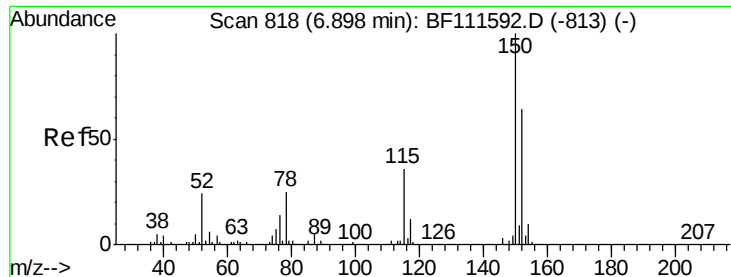
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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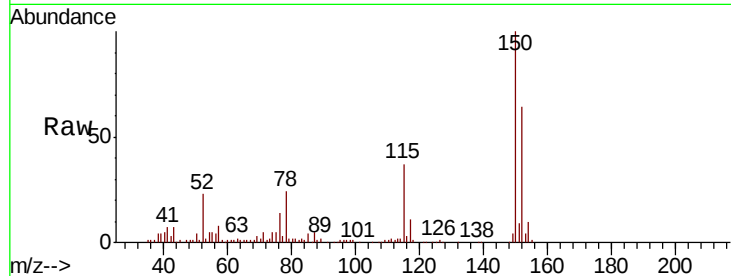


#1

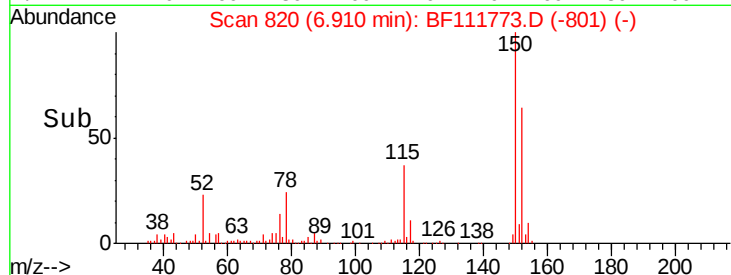
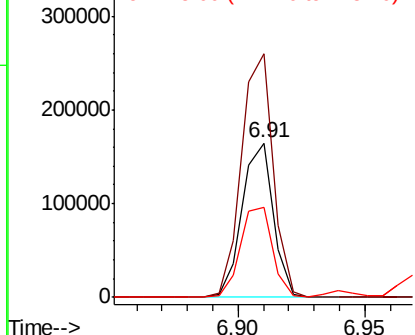
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.91 min Scan# 820
Delta R.T. 0.01 min
Lab File: BF111773.D
Acq: 27 Dec 2018 20:07

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tot Ion:152 Resp: 141202
Ion Ratio Lower Upper
152 100
150 157.5 126.6 189.8
115 58.2 50.7 76.1



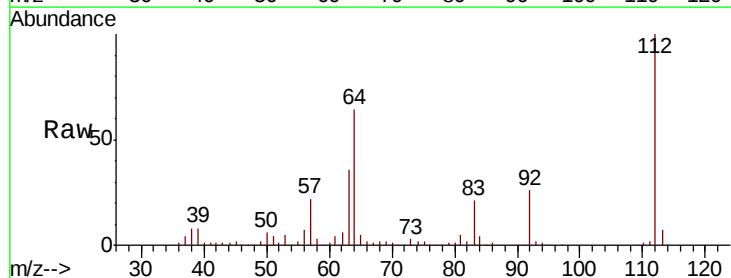
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



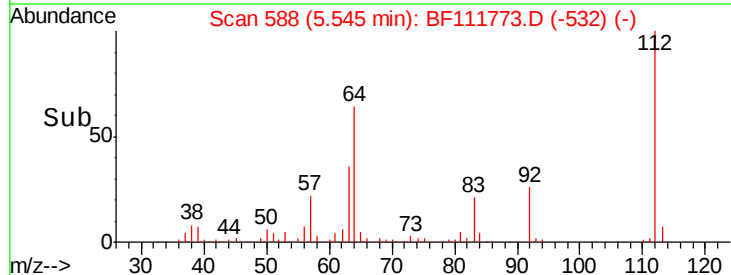
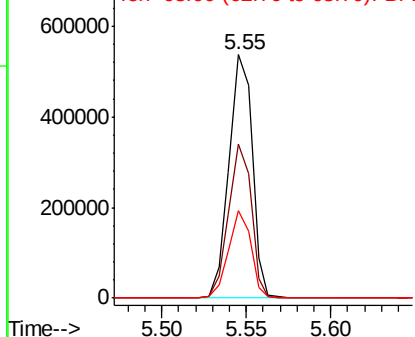
#5

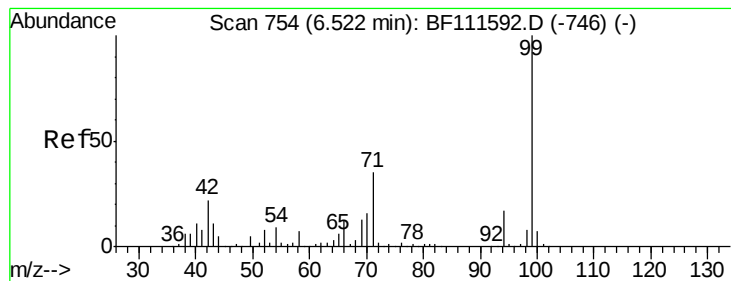
2-Fluorophenol
Concen: 62.481 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.03 min
Lab File: BF111773.D
Acq: 27 Dec 2018 20:07

Tgt Ion:112 Resp: 517588
Ion Ratio Lower Upper
112 100
64 63.5 51.8 77.6
63 35.9 26.8 40.2



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: 38.429 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.03 min

Lab File: BF111773.D

Acq: 27 Dec 2018 20:07

Instrument :

BNA_F

ClientSampleId :

DUP-1

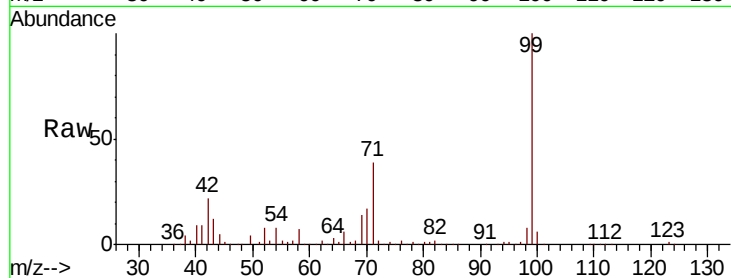
Tot Ion: 99 Resp: 405142

Ion Ratio Lower Upper

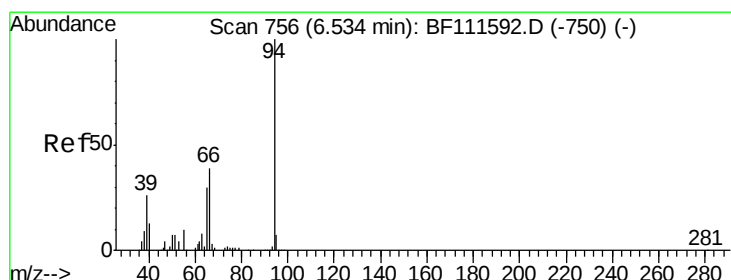
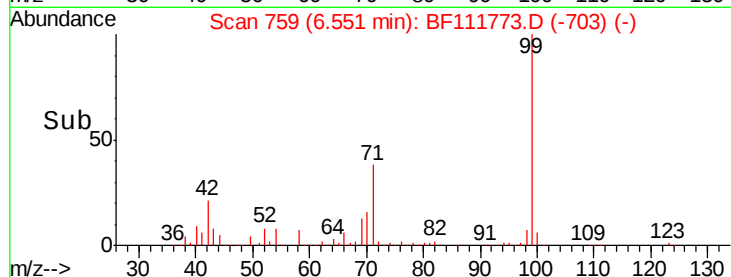
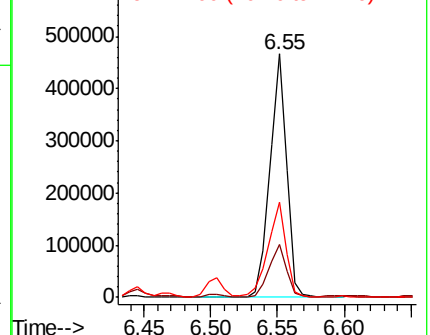
99 100

42 21.9 17.4 26.0

71 38.9 26.1 39.1



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: 5.006 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.03 min

Lab File: BF111773.D

Acq: 27 Dec 2018 20:07

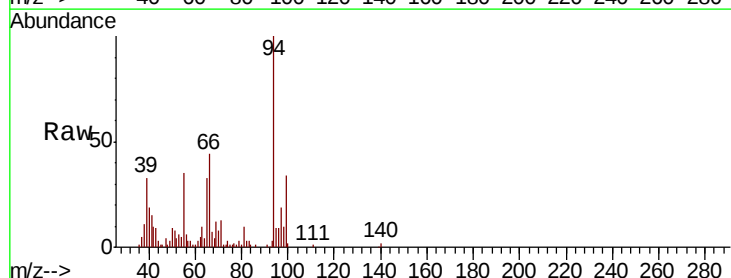
Tgt Ion: 94 Resp: 59553

Ion Ratio Lower Upper

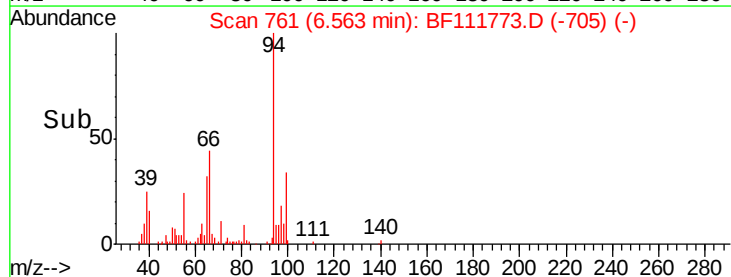
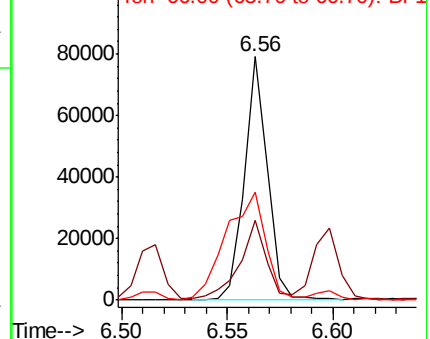
94 100

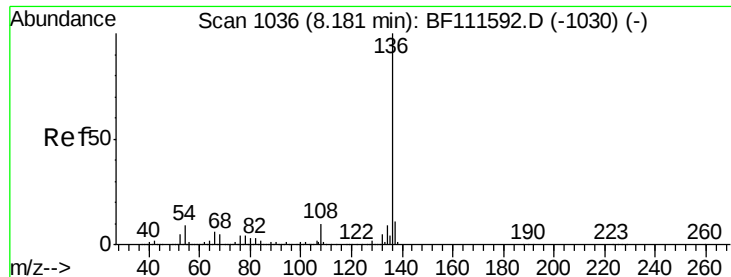
65 32.9 11.7 51.7

66 44.3 21.0 61.0



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

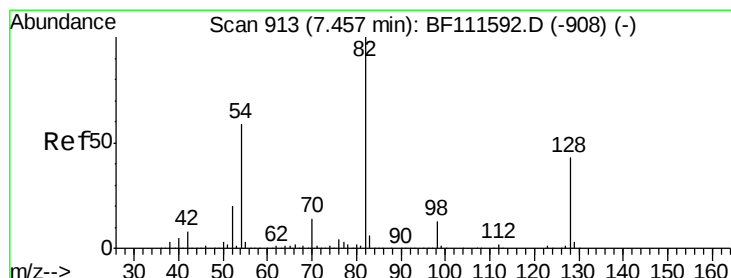
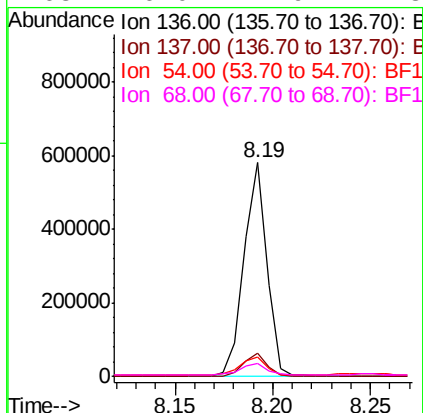
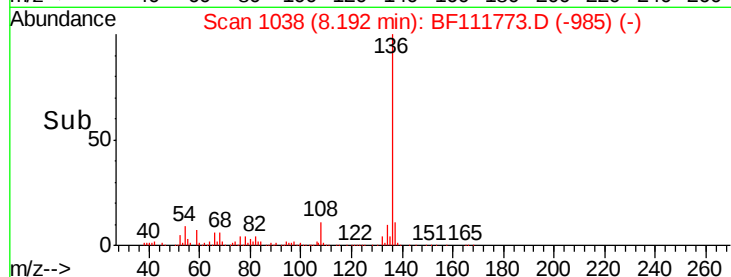
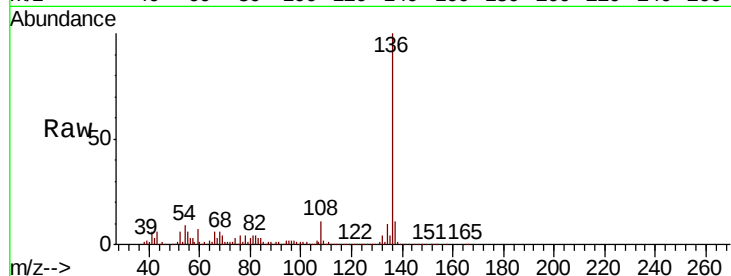




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BF111773.D
Acq: 27 Dec 2018 20:07

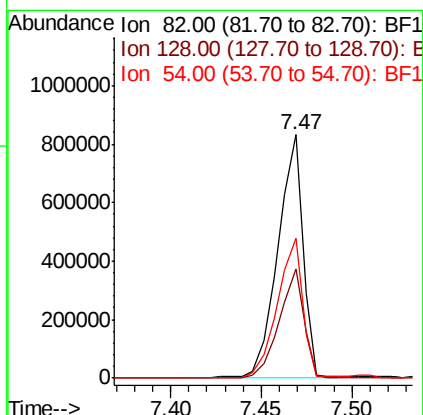
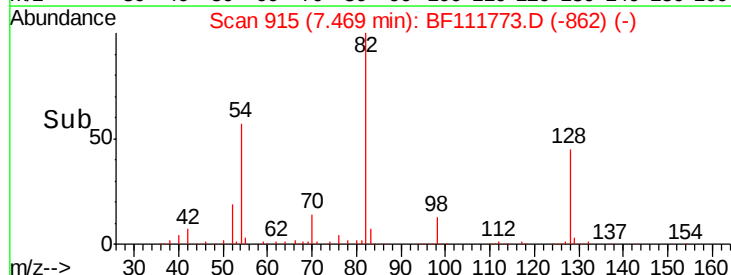
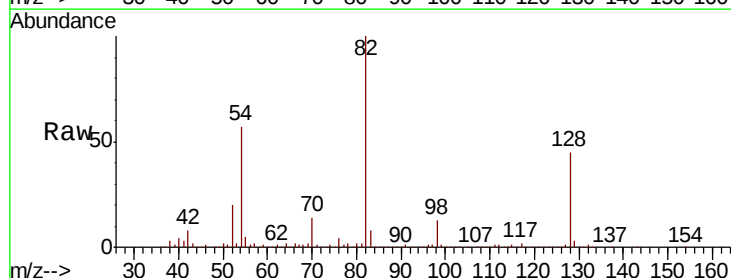
Instrument :
BNA_F
ClientSampleId :
DUP-1

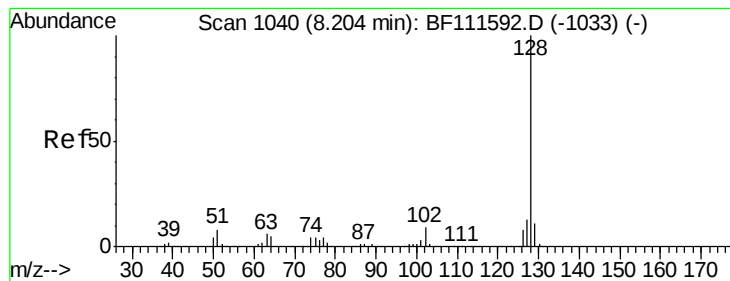
Tot Ion:136	Resp:	471835
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.1 13.7
54	9.2	7.7 11.5
68	6.0	4.9 7.3



#23
Nitrobenzene-d5
Concen: 98.646 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.01 min
Lab File: BF111773.D
Acq: 27 Dec 2018 20:07

Tgt Ion: 82	Resp:	799626
Ion Ratio	Lower	Upper
82	100	
128	44.7	37.4 56.2
54	57.3	47.6 71.4





#31

Naphthalene

Concen: 3.079 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.01 min

Lab File: BF111773.D

Acq: 27 Dec 2018 20:07

Instrument :

BNA_F

ClientSampleId :

DUP-1

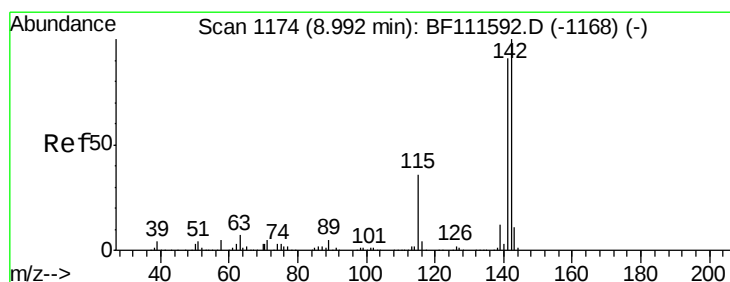
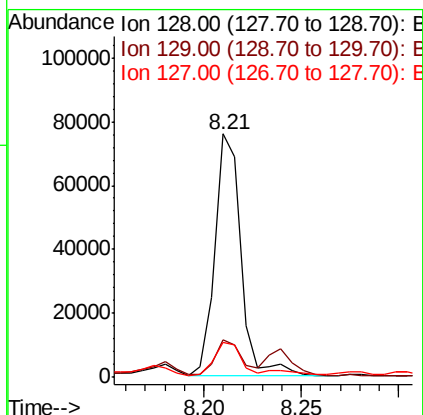
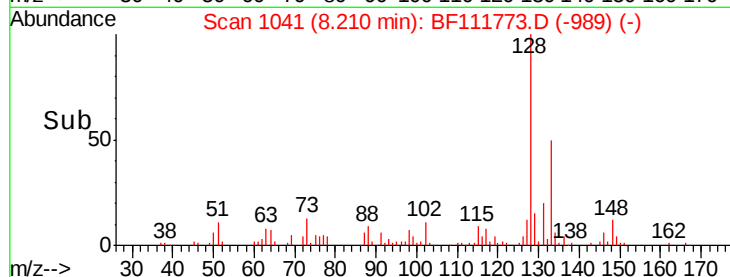
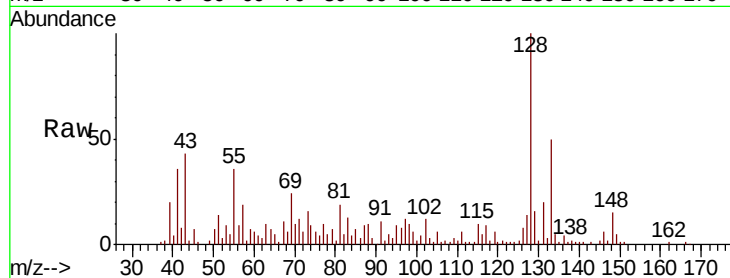
Tot Ion:128 Resp: 69799

Ion Ratio Lower Upper

128 100

129 15.7 9.8 14.8#

127 14.3 12.0 18.0



#38

1-Methylnaphthalene

Concen: 2.328 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.01 min

Lab File: BF111773.D

Acq: 27 Dec 2018 20:07

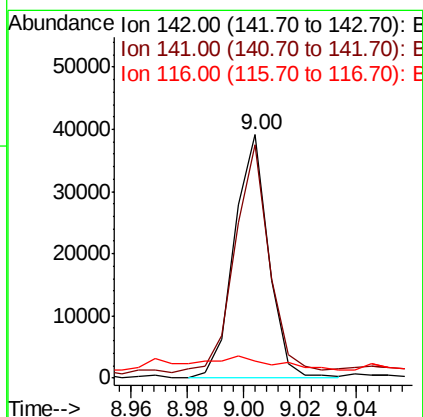
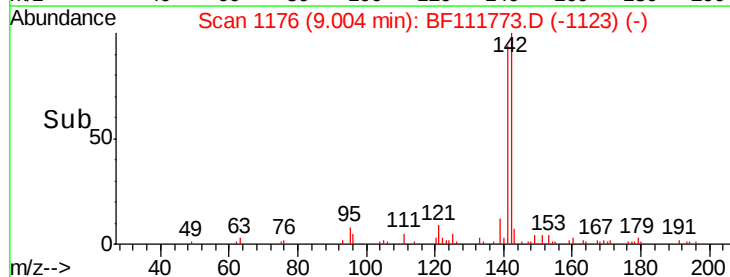
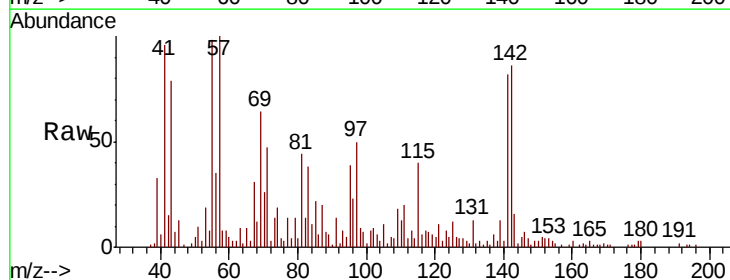
Tgt Ion:142 Resp: 32983

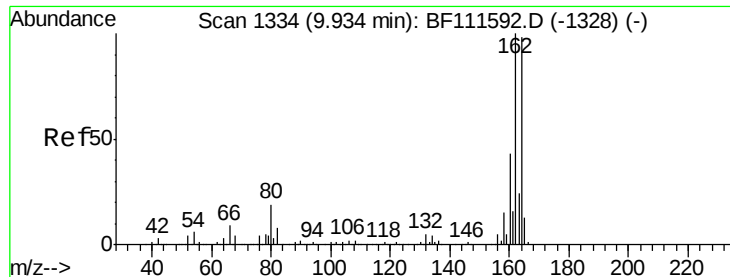
Ion Ratio Lower Upper

142 100

141 96.1 74.2 111.4

116 6.9 2.9 4.3#

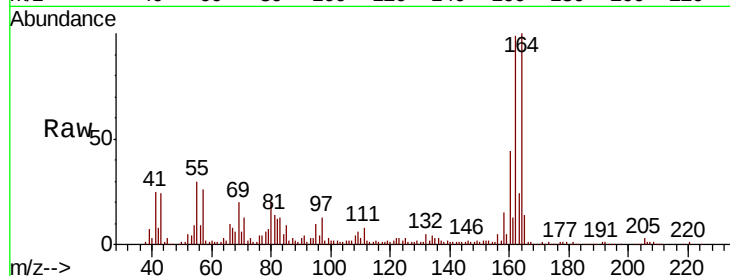




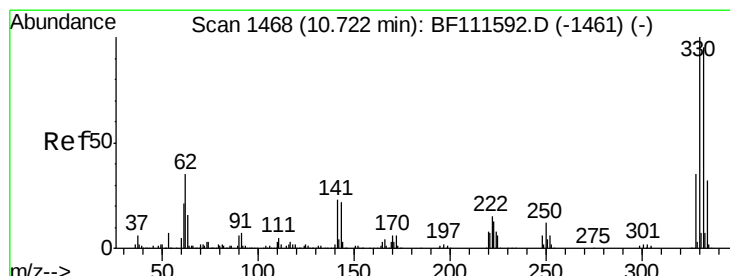
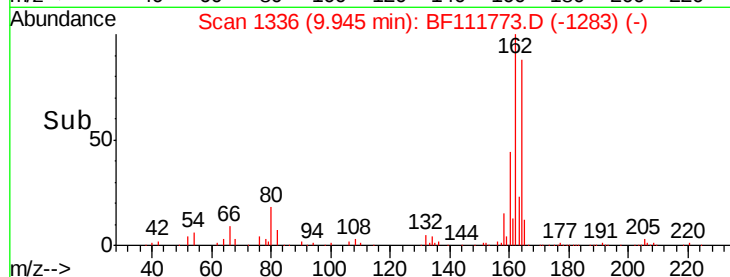
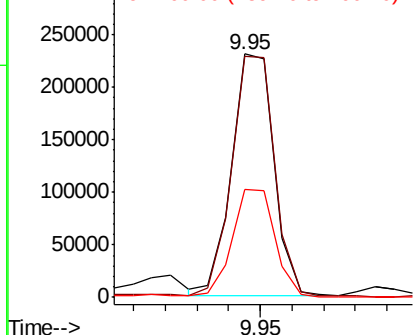
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. 0.01 min
 Lab File: BF111773.D
 Acq: 27 Dec 2018 20:07

Instrument :
 BNA_F
 ClientSampleId :
 DUP-1

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.1	81.4	122.0
160	44.2	35.7	53.5

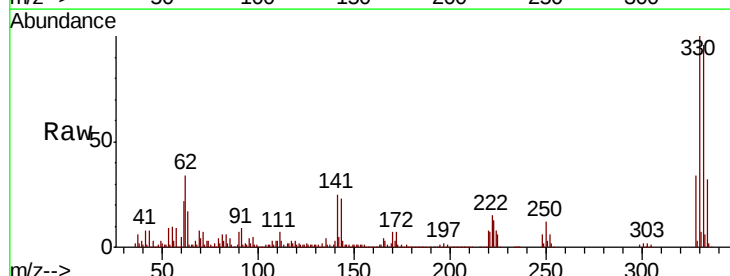


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

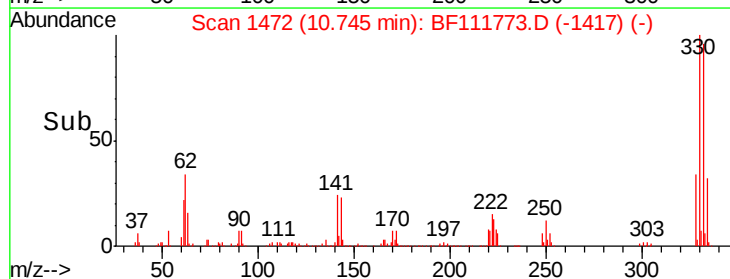
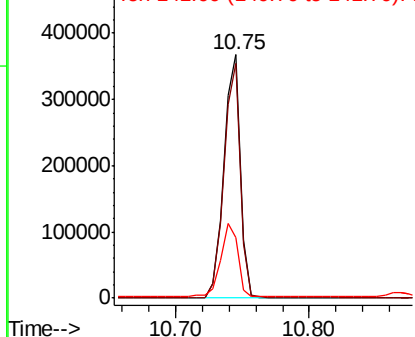


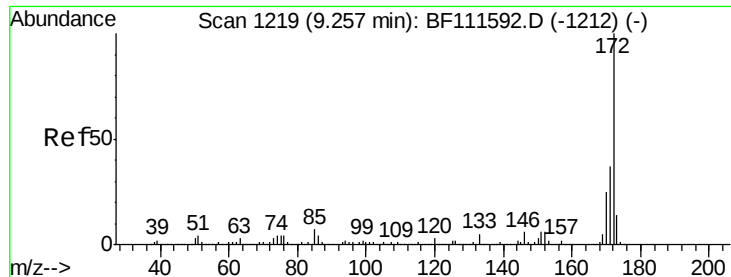
#42
 2,4,6-Tribromophenol
 Concen: 130.046 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. 0.02 min
 Lab File: BF111773.D
 Acq: 27 Dec 2018 20:07

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.0	114.0
141	30.7	31.0	46.6#



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

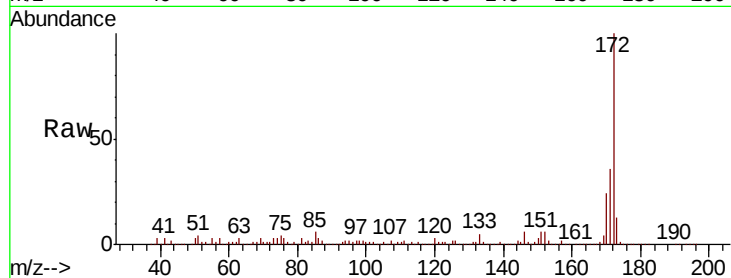




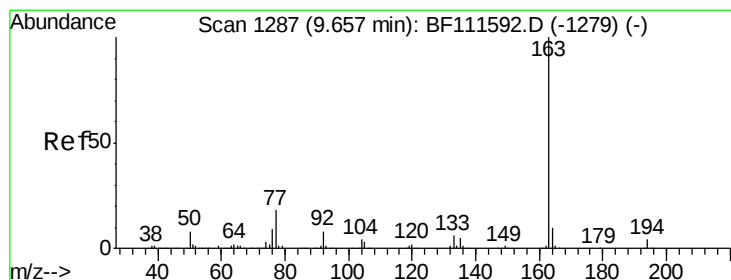
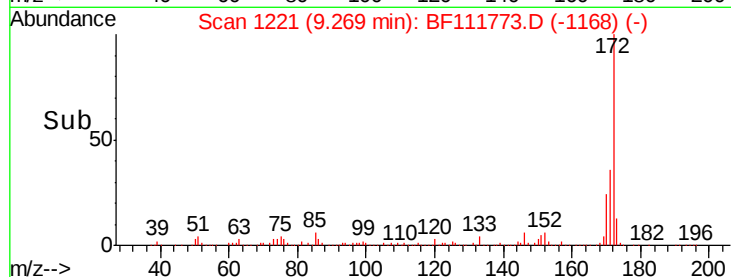
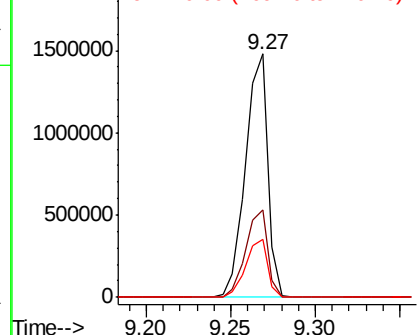
#45
2-Fluorobiphenyl
Concen: 94.261 ng
RT: 9.27 min Scan# 1221
Delta R.T. 0.01 min
Lab File: BF111773.D
Acq: 27 Dec 2018 20:07

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tot Ion:172 Resp: 1357229
Ion Ratio Lower Upper
172 100
171 35.9 33.0 49.4
170 23.8 22.3 33.5

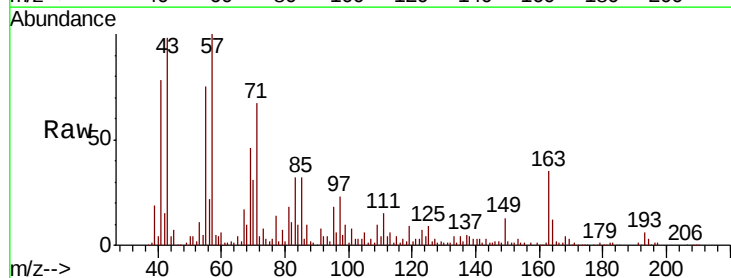


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

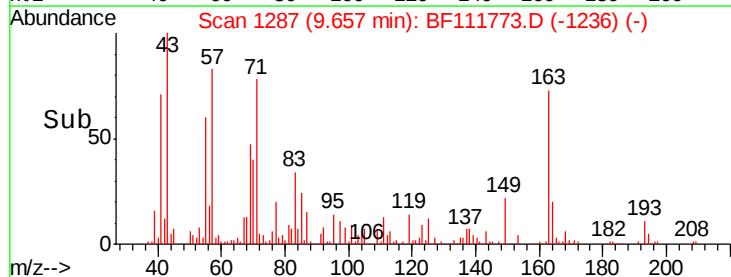
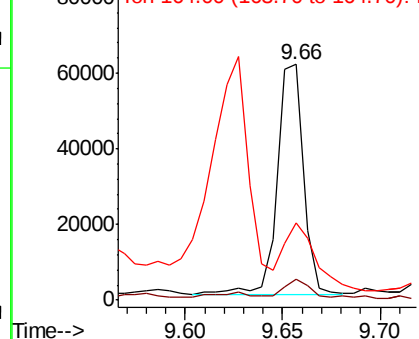


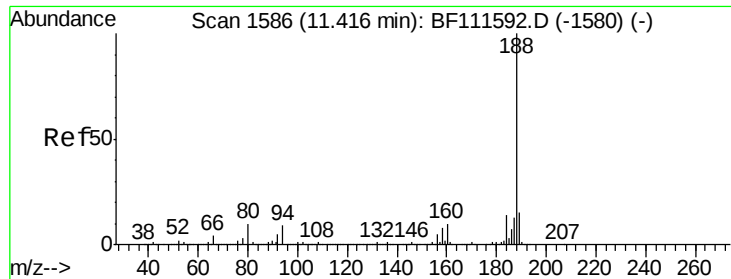
#50
Dimethylphthalate
Concen: 3.673 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BF111773.D
Acq: 27 Dec 2018 20:07

Tgt Ion:163 Resp: 56370
Ion Ratio Lower Upper
163 100
194 8.6 3.0 4.6#
164 33.0 8.9 13.3#



Abundance Ion 163.00 (162.70 to 163.70): E
80000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

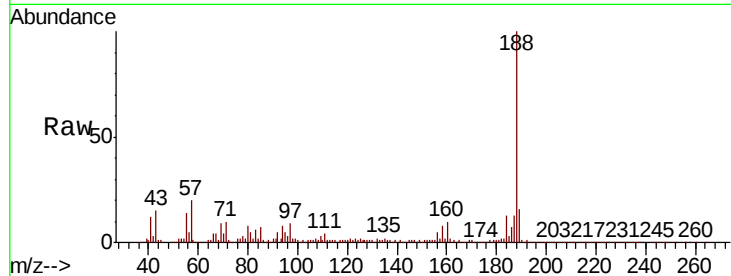




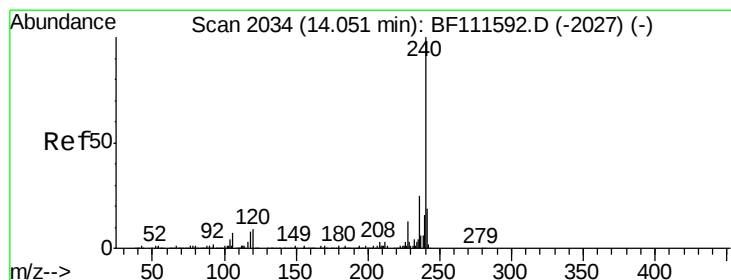
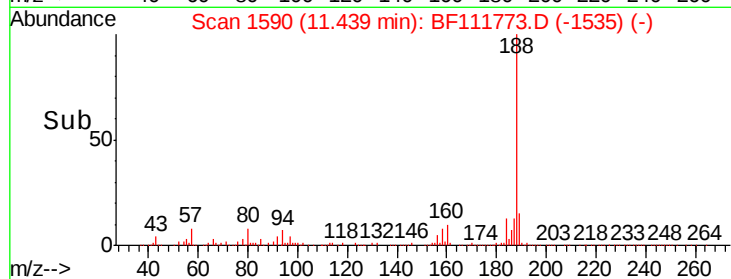
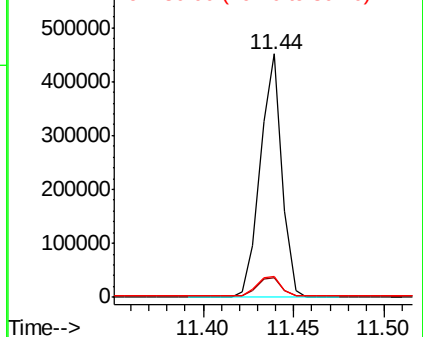
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.02 min
Lab File: BF111773.D
Acq: 27 Dec 2018 20:07

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tot Ion:188 Resp: 373986
Ion Ratio Lower Upper
188 100
94 8.1 9.6 14.4#
80 8.4 9.8 14.6#

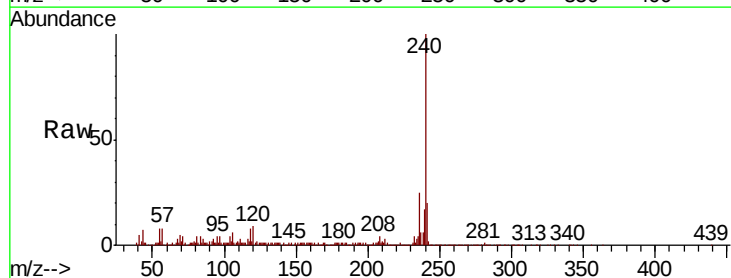


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

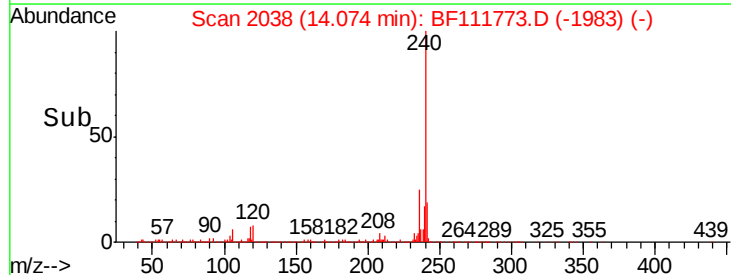
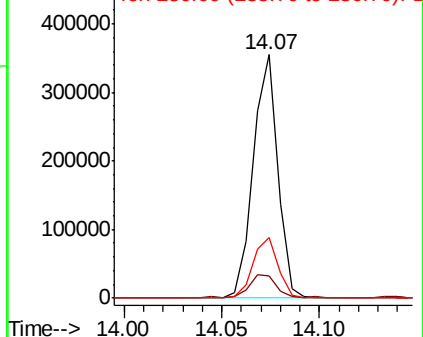


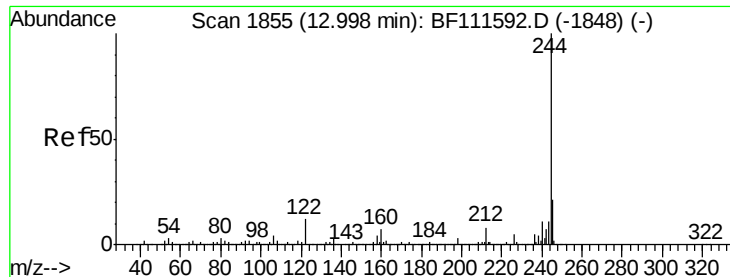
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.02 min
Lab File: BF111773.D
Acq: 27 Dec 2018 20:07

Tgt Ion:240 Resp: 307073
Ion Ratio Lower Upper
240 100
120 8.9 12.2 18.2#
236 25.0 20.2 30.2



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: 85.822 ng

RT: 13.02 min Scan# 1859

Delta R.T. 0.02 min

Lab File: BF111773.D

Acq: 27 Dec 2018 20:07

Instrument :

BNA_F

ClientSampleId :

DUP-1

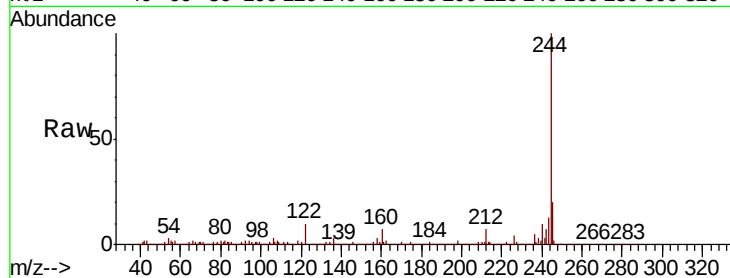
Tot Ion:244 Resp: 1389651

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

122 9.6 13.1 19.7#



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

13.02

1500000

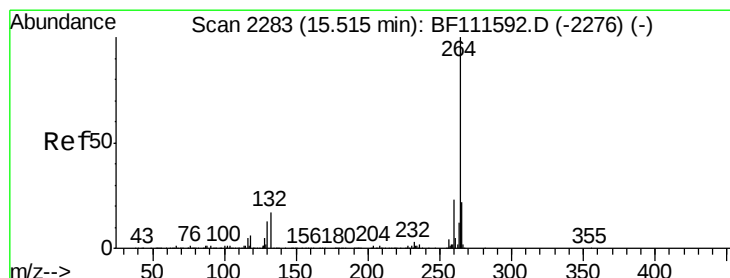
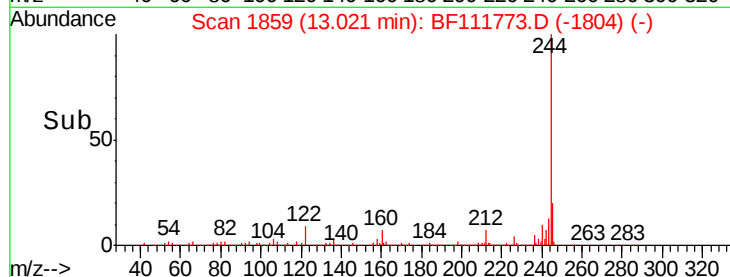
1000000

500000

0

Time-->

12.95 13.00 13.05



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2291

Delta R.T. 0.05 min

Lab File: BF111773.D

Acq: 27 Dec 2018 20:07

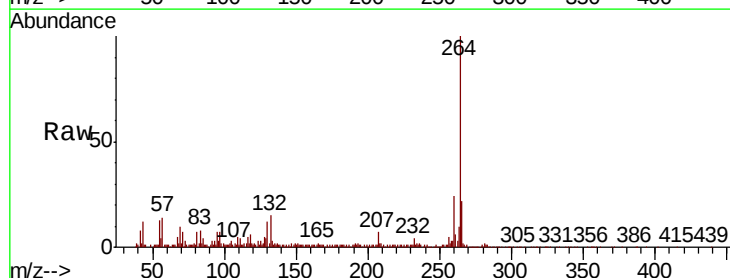
Tgt Ion:264 Resp: 227468

Ion Ratio Lower Upper

264 100

260 24.0 18.3 27.5

265 22.3 17.7 26.5



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

15.56

250000

200000

150000

100000

50000

0

Time-->

15.50 15.55 15.60

