

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020119\
 Data File : BF112353.D
 Acq On : 1 Feb 2019 16:02
 Operator : JU/SJ
 Sample : K1299-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0041-FIELD-DUP

Quant Time: Feb 01 23:19:29 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	153438	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	596399	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	290915	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	532340	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	304268	20.00	ng	-0.01
87) Perylene-d12	15.47	264	323883	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	897679	124.27	ng	0.00
7) Phenol-d6	6.49	99	1098214	109.41	ng	0.00
23) Nitrobenzene-d5	7.40	82	703089	67.93	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	351654	103.85	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1296157	63.02	ng	-0.01
79) Terphenyl-d14	12.94	244	1116572	69.12	ng	-0.01

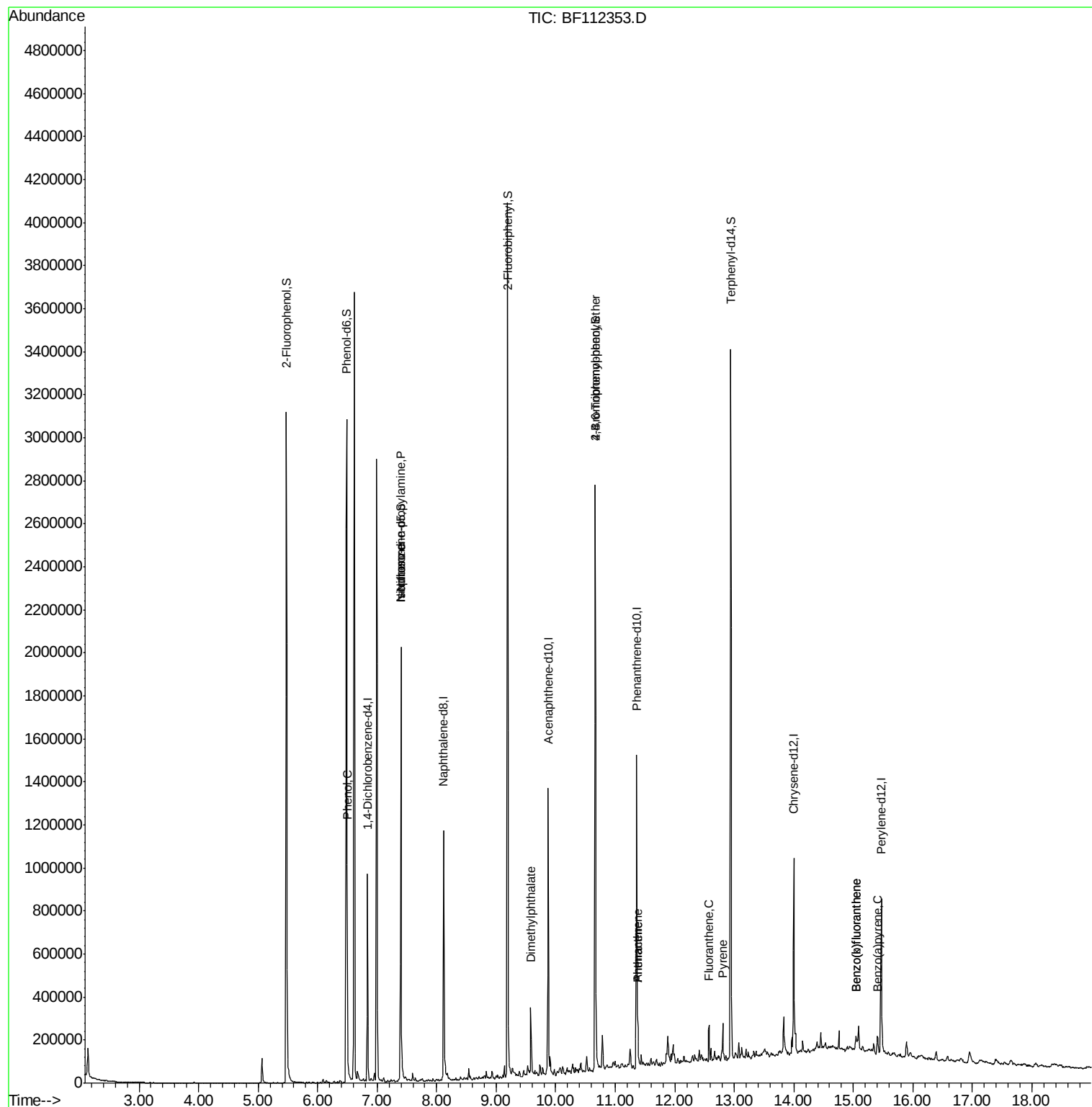
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.50	94	39823	3.616	ng	79
19) n-Nitroso-di-n-propylamine	7.40	70	93348	13.487	ng	# 76
25) Isophorone	7.40	82	702840	43.284	ng	# 64
50) Dimethylphthalate	9.58	163	115328	5.102	ng	100
67) 4-Bromophenyl-phenylether	10.66	248	21245	3.393	ng	# 1
71) Phenanthrene	11.38	178	61216	2.212	ng	97
72) Anthracene	11.38	178	61216	2.221	ng	98
75) Fluoranthene	12.57	202	69193	2.331	ng	98
78) Pyrene	12.80	202	71545	3.396	ng	98
88) Benzo(b)fluoranthene	15.04	252	43036	2.222	ng	# 94
89) Benzo(k)fluoranthene	15.04	252	43036	2.320	ng	# 95
90) Benzo(a)pyrene	15.40	252	35001	2.008	ng	# 94

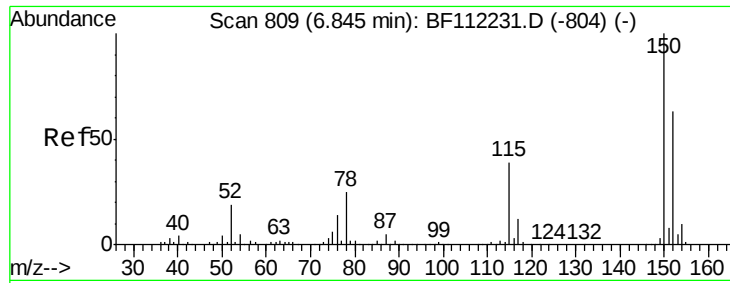
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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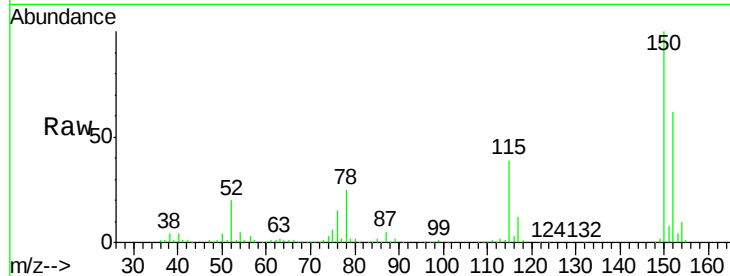


#1

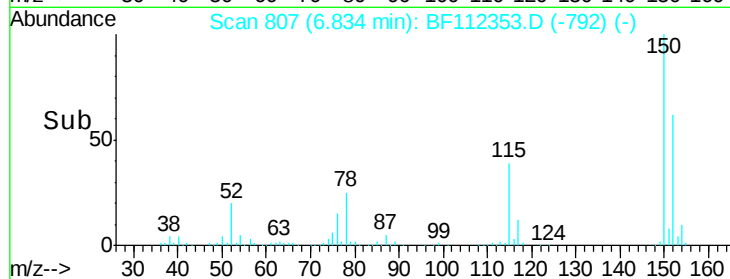
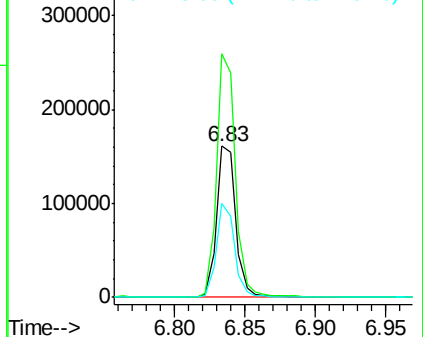
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112353.D
Acq: 1 Feb 2019 16:02

Instrument :
BNA_F
ClientSampleId :
0041-FIELD-DUP

Tgt Ion:152 Resp: 153438
Ion Ratio Lower Upper
152 100
150 160.8 127.4 191.0
115 62.2 45.5 68.3



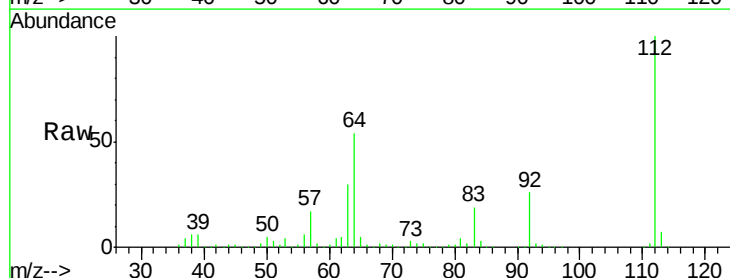
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



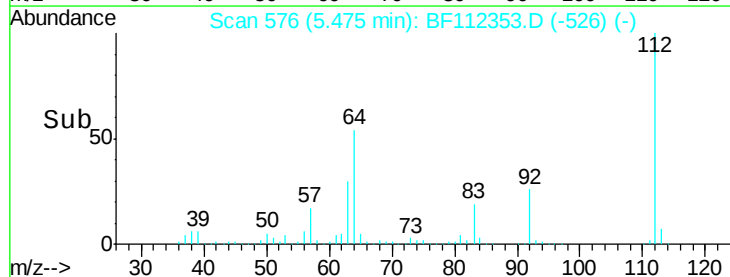
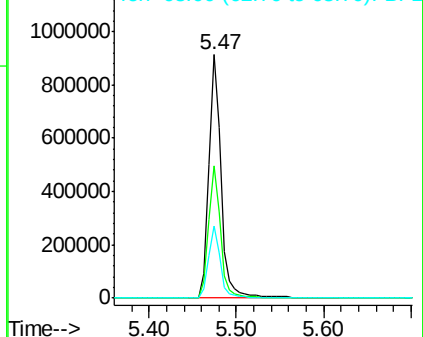
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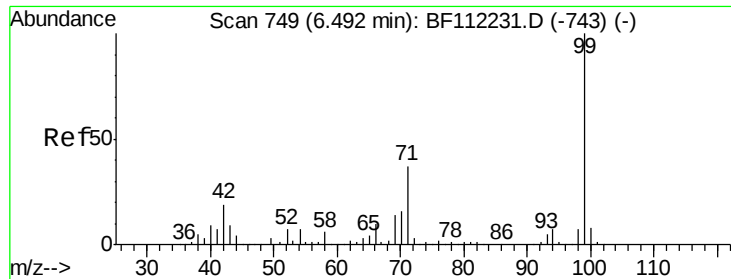
2-Fluorophenol
Concen: 124.267 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112353.D
Acq: 1 Feb 2019 16:02

Tgt Ion:112 Resp: 897679
Ion Ratio Lower Upper
112 100
64 54.4 45.7 68.5
63 29.7 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: 109.408 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112353.D

Acq: 1 Feb 2019 16:02

Instrument :

BNA_F

ClientSampleId :

0041-FIELD-DUP

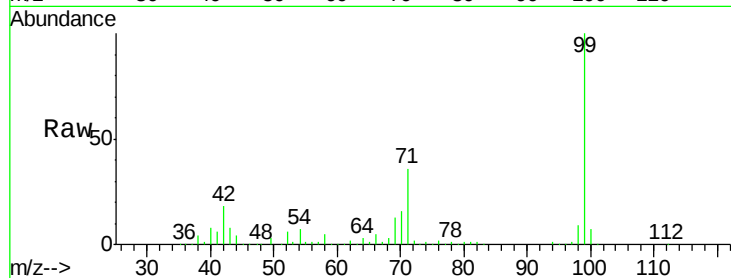
Tgt Ion: 99 Resp: 1098214

Ion Ratio Lower Upper

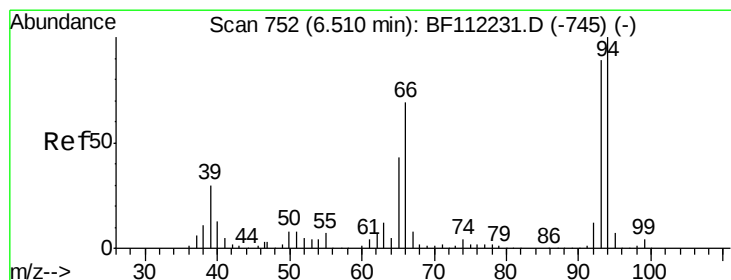
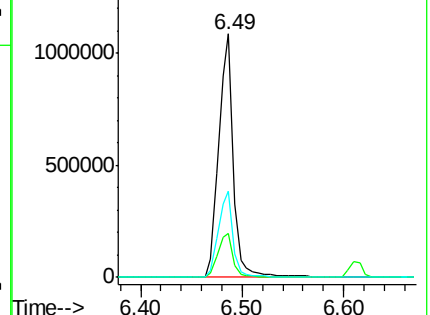
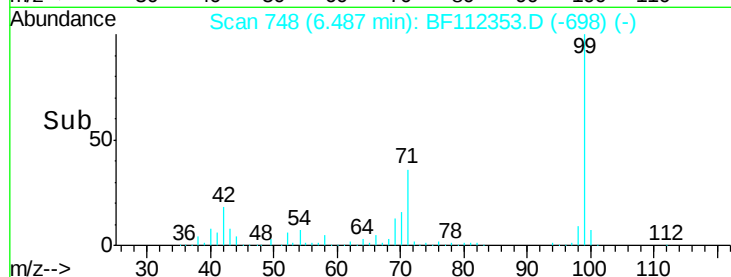
99 100

42 18.2 15.1 22.7

71 35.7 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: 3.616 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112353.D

Acq: 1 Feb 2019 16:02

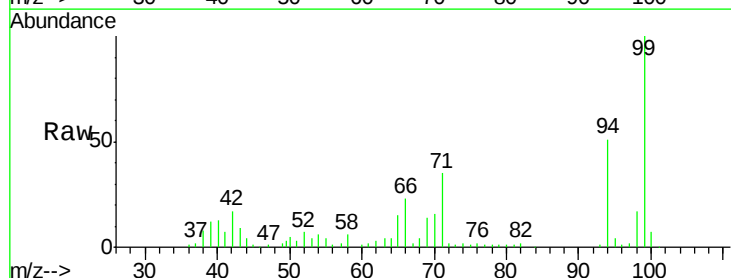
Tgt Ion: 94 Resp: 39823

Ion Ratio Lower Upper

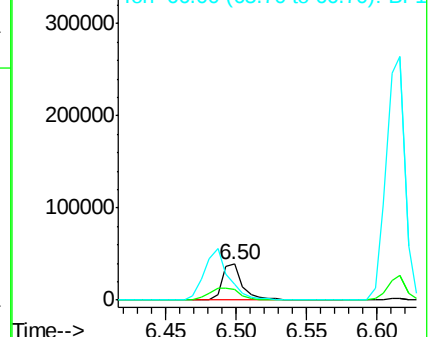
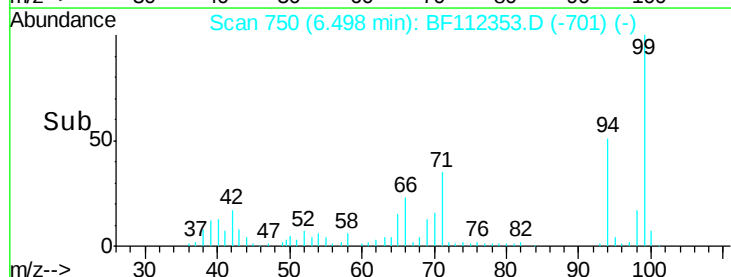
94 100

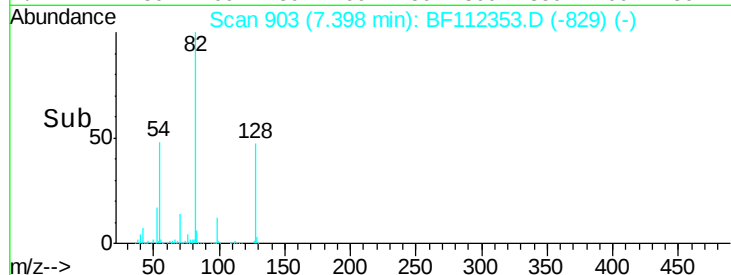
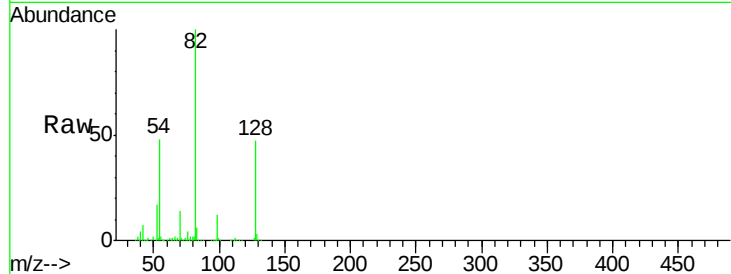
65 29.0 20.3 60.3

66 44.8 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

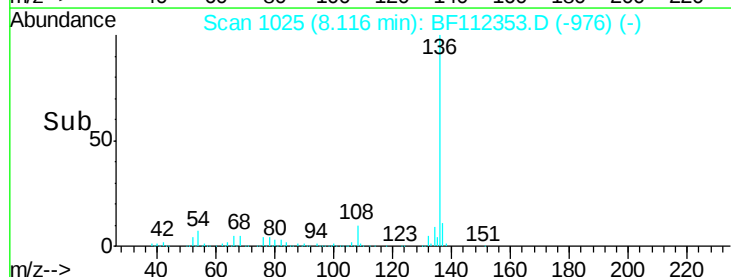
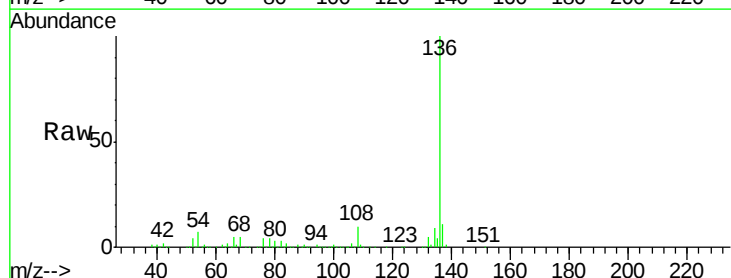
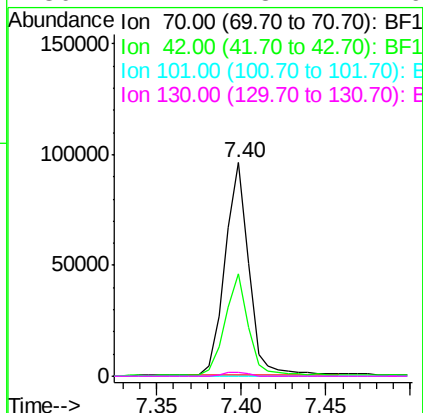




#19
n-Nitroso-di-n-propylamine
Concen: 13.487 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF112353.D
Acq: 1 Feb 2019 16:02

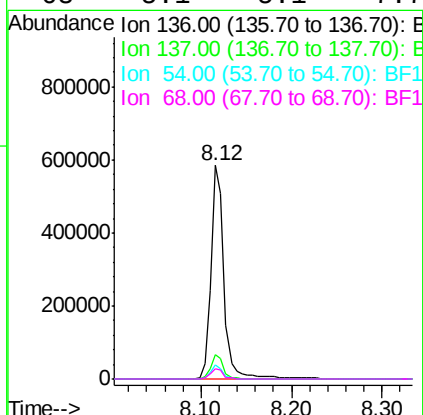
Instrument :
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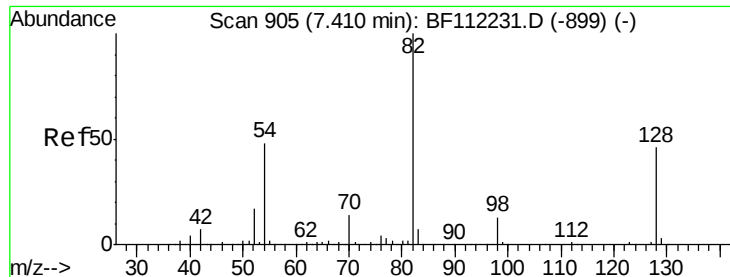
Tgt Ion:	70	Resp:	93348
Ion Ratio	Lower	Upper	
70	100		
42	47.9	47.6	71.4
101	0.0	7.9	11.9#
130	2.1	18.4	27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112353.D
Acq: 1 Feb 2019 16:02

Tgt Ion:	136	Resp:	596399
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.1	13.7
54	6.9	5.9	8.9
68	5.1	5.1	7.7#

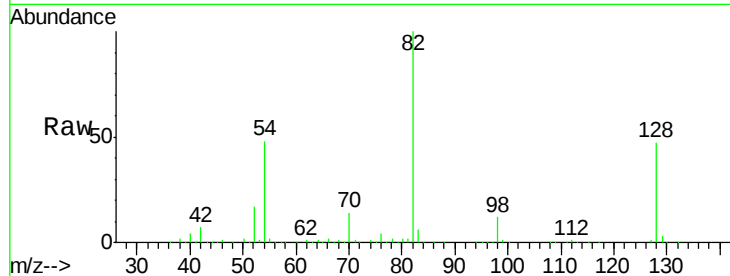




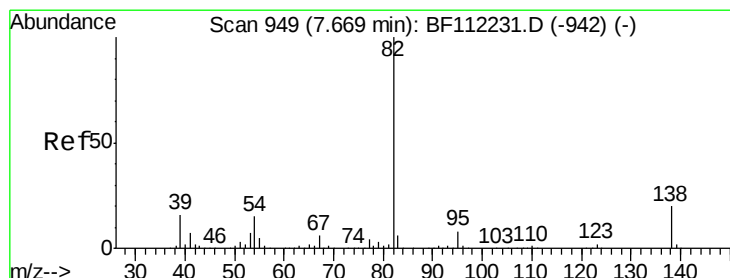
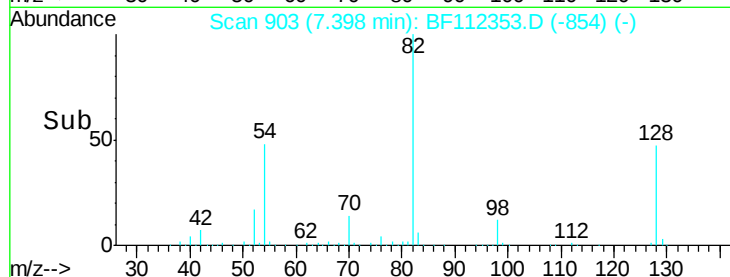
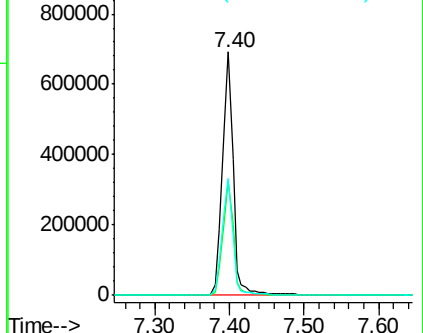
#23
 Nitrobenzene-d5
 Concen: 67.927 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112353.D
 Acq: 1 Feb 2019 16:02

Instrument :
 BNA_F
 ClientSampleId :
 0041-FIELD-DUP

Tgt Ion: 82 Resp: 703089
 Ion Ratio Lower Upper
 82 100
 128 46.8 37.8 56.8
 54 48.2 39.7 59.5

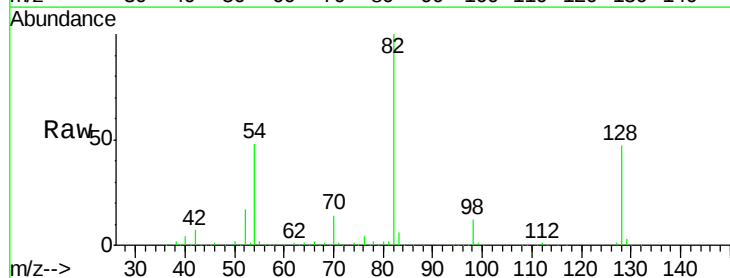


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

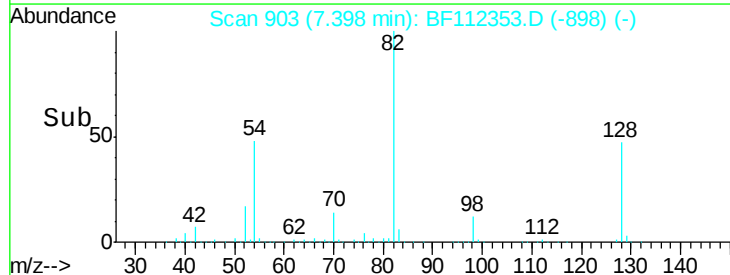
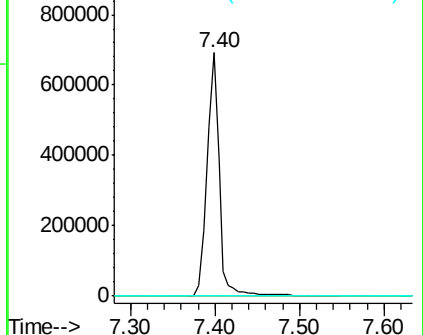


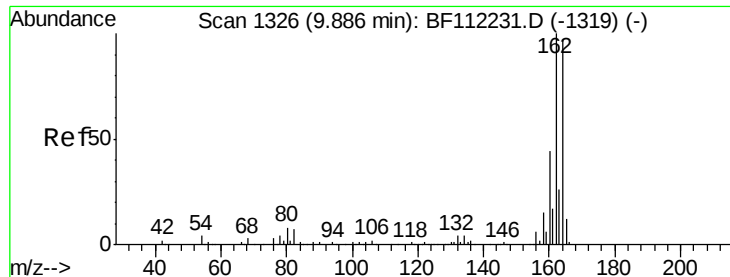
#25
 Isophorone
 Concen: 43.284 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.27 min
 Lab File: BF112353.D
 Acq: 1 Feb 2019 16:02

Tgt Ion: 82 Resp: 702840
 Ion Ratio Lower Upper
 82 100
 95 0.1 5.7 8.5#
 138 0.0 15.4 23.0#



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

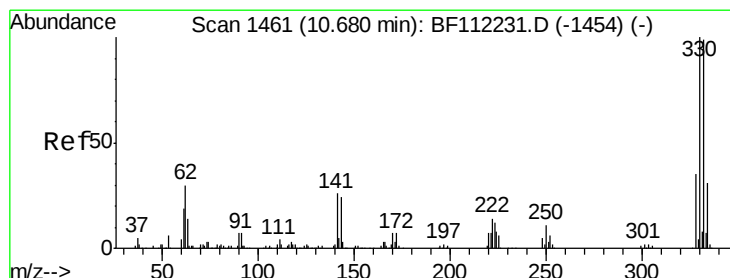
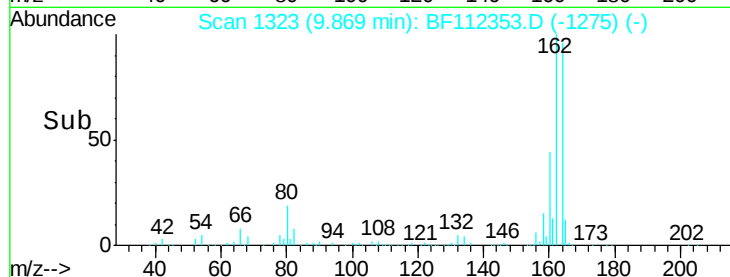
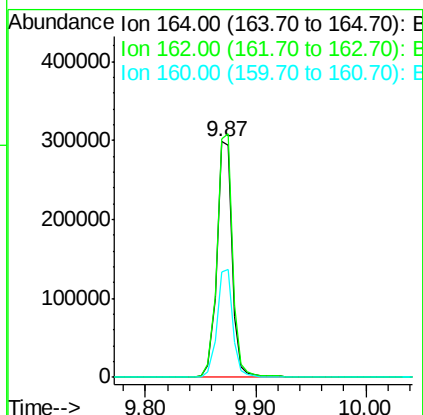
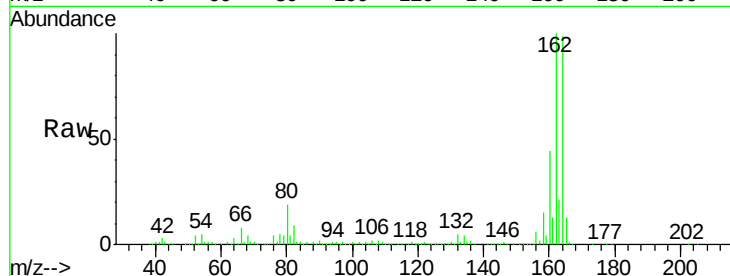




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF112353.D
 Acq: 1 Feb 2019 16:02

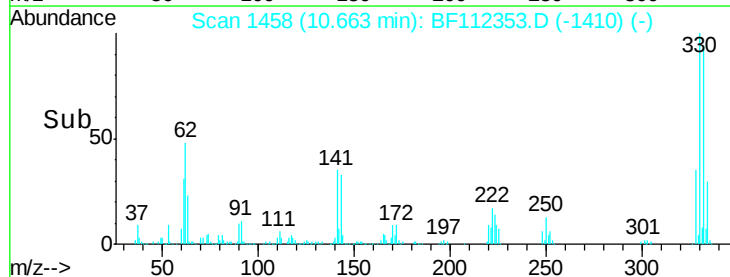
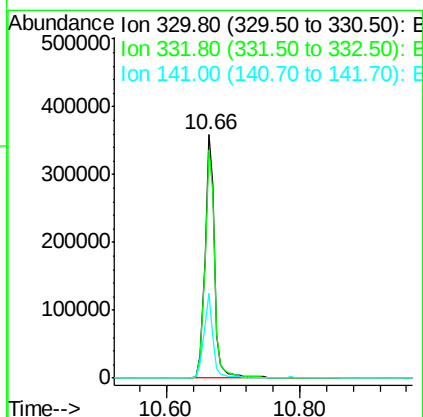
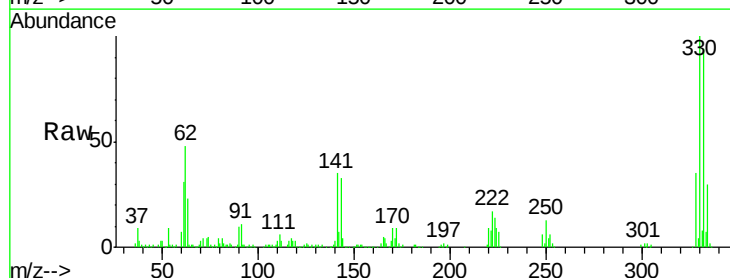
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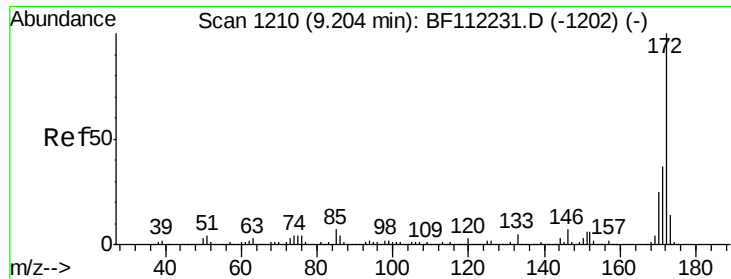
Tgt Ion:164 Resp: 290915
 Ion Ratio Lower Upper
 164 100
 162 101.1 82.2 123.4
 160 44.8 36.2 54.4



#42
 2,4,6-Tribromophenol
 Concen: 103.850 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF112353.D
 Acq: 1 Feb 2019 16:02

Tgt Ion:330 Resp: 351654
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 114.8
 141 33.0 24.3 36.5

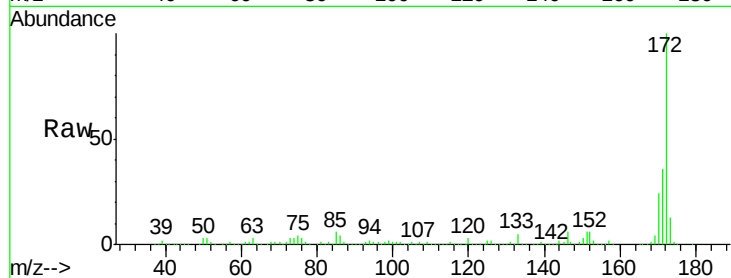




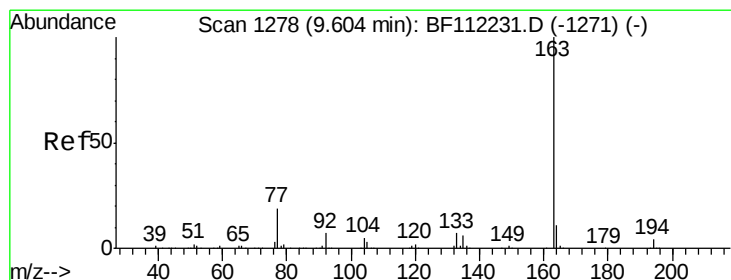
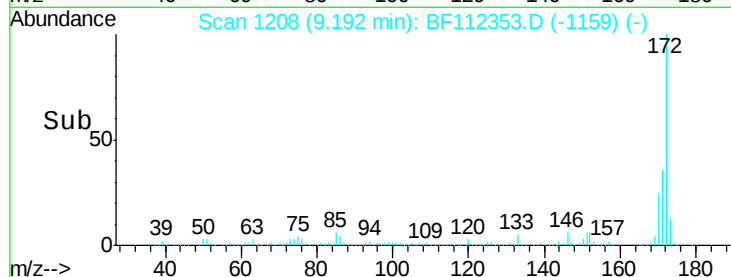
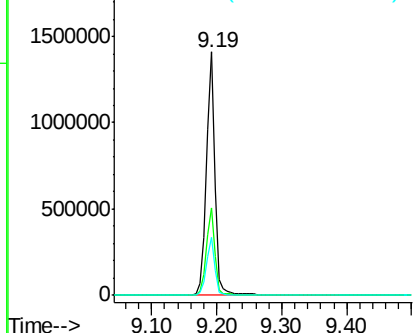
#45
2-Fluorobiphenyl
Concen: 63.015 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112353.D
Acq: 1 Feb 2019 16:02

Instrument :
BNA_F
ClientSampleId :
0041-FIELD-DUP

Tgt Ion:172 Resp: 1296157
Ion Ratio Lower Upper
172 100
171 35.9 30.5 45.7
170 23.9 20.2 30.4

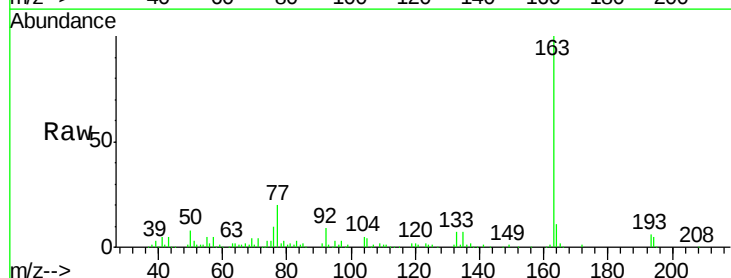


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

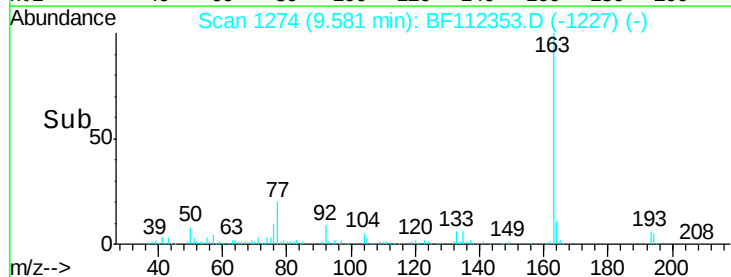
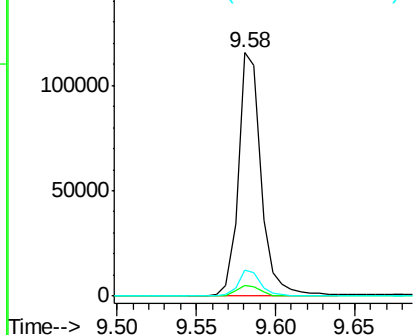


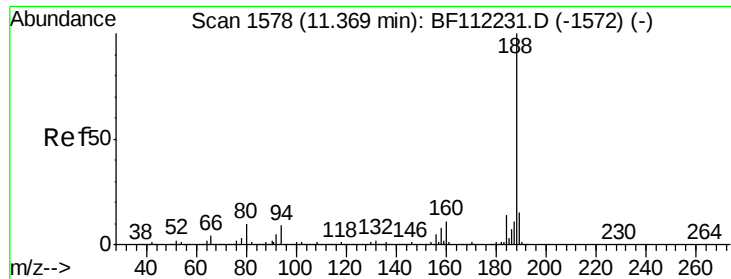
#50
Dimethylphthalate
Concen: 5.102 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112353.D
Acq: 1 Feb 2019 16:02

Tgt Ion:163 Resp: 115328
Ion Ratio Lower Upper
163 100
194 4.6 3.3 4.9
164 10.6 8.5 12.7



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

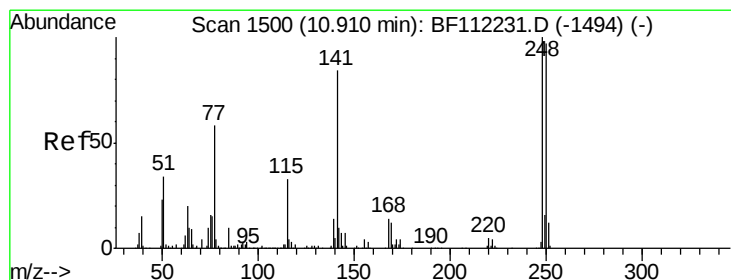
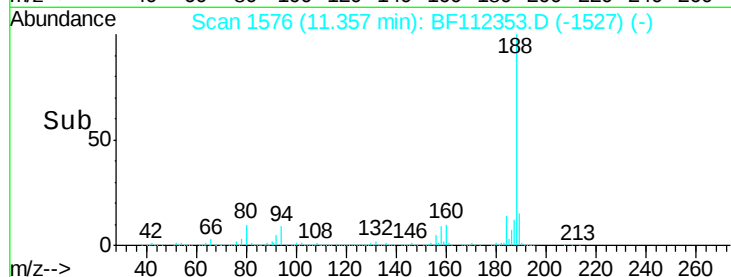
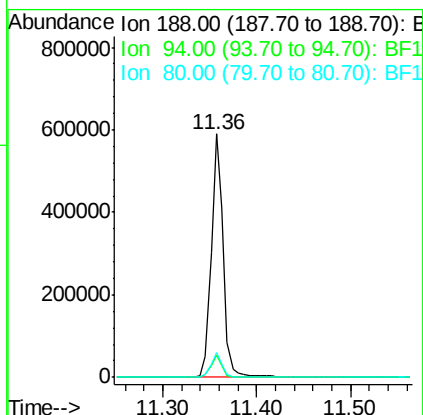
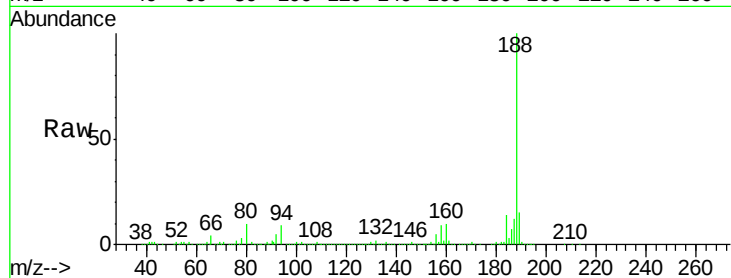




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112353.D
Acq: 1 Feb 2019 16:02

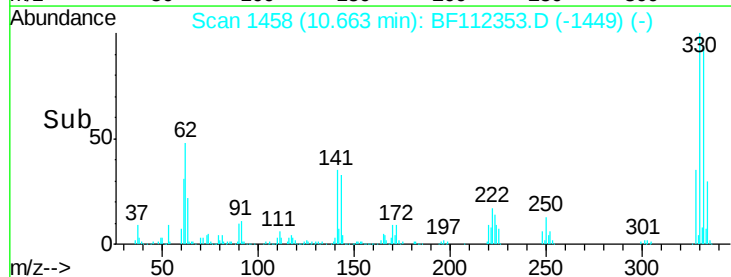
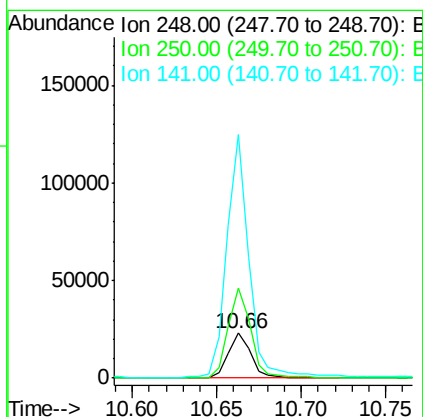
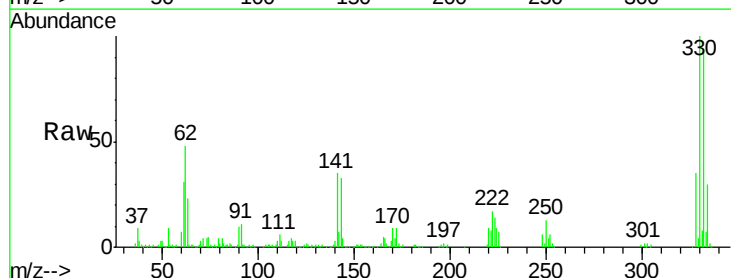
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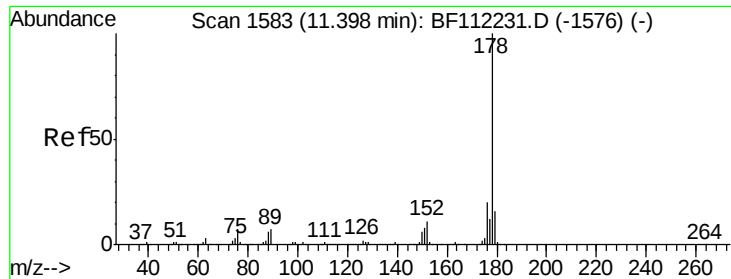
Tgt Ion:188 Resp: 532340
Ion Ratio Lower Upper
188 100
94 9.2 8.2 12.2
80 9.9 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.393 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF112353.D
Acq: 1 Feb 2019 16:02

Tgt Ion:248 Resp: 21245
Ion Ratio Lower Upper
248 100
250 202.6 79.7 119.5#
141 545.4 60.3 90.5#

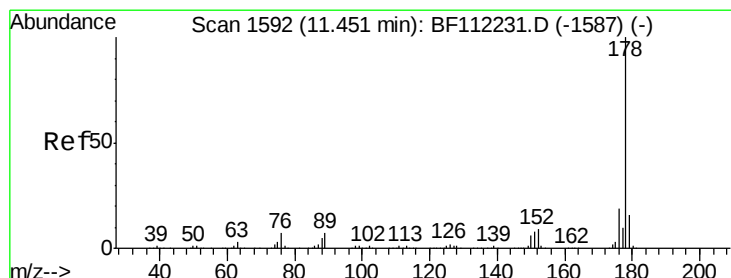
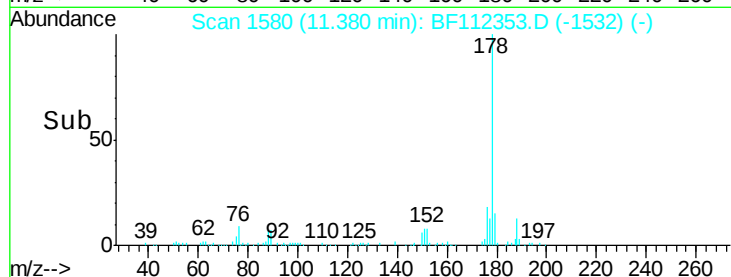
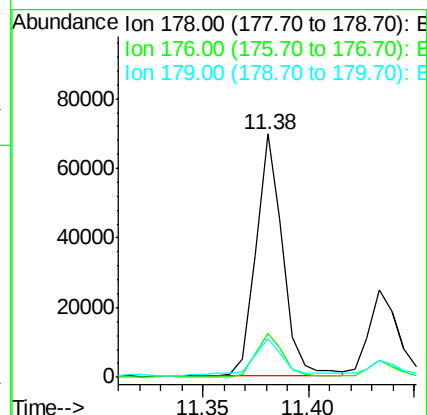
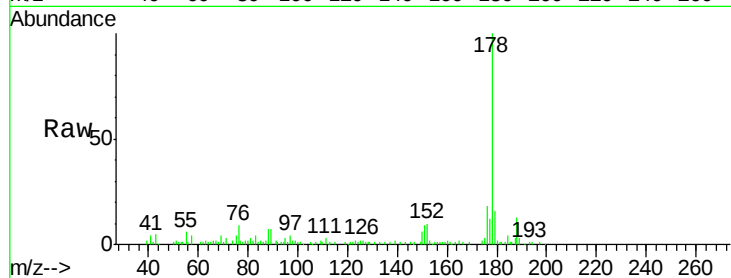




#71
Phenanthrene
Concen: 2.212 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF112353.D
Acq: 1 Feb 2019 16:02

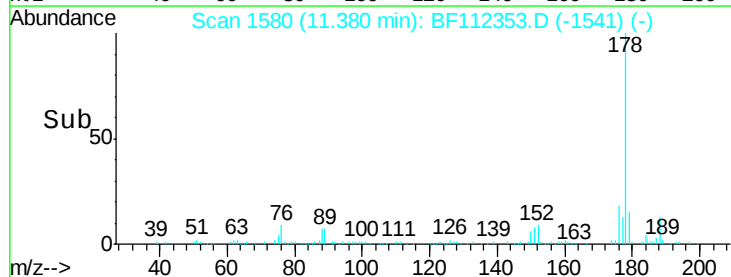
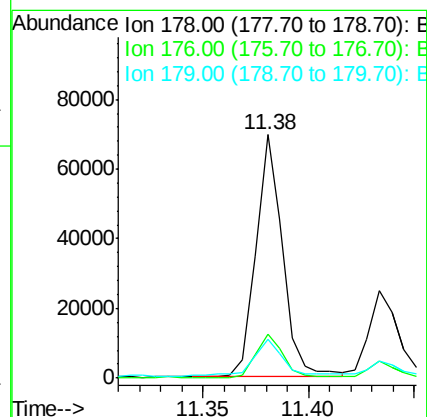
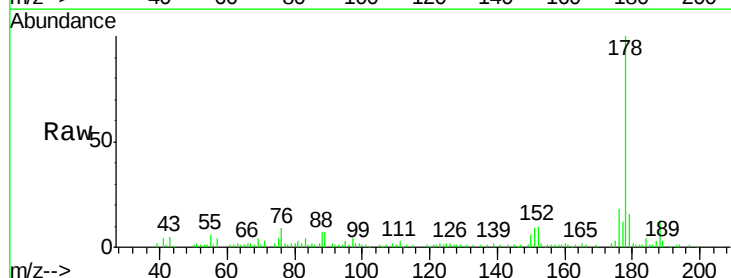
Instrument :
BNA_F
ClientSampleId :
0041-FIELD-DUP

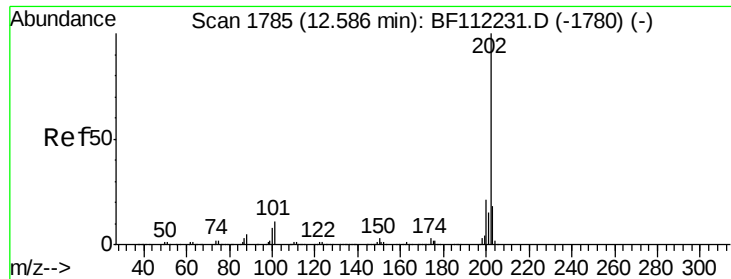
Tgt Ion:178 Resp: 61216
Ion Ratio Lower Upper
178 100
176 17.9 16.3 24.5
179 15.7 13.0 19.4



#72
Anthracene
Concen: 2.221 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.07 min
Lab File: BF112353.D
Acq: 1 Feb 2019 16:02

Tgt Ion:178 Resp: 61216
Ion Ratio Lower Upper
178 100
176 17.9 15.5 23.3
179 15.7 12.8 19.2





#75

Fluoranthene

Concen: 2.331 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF112353.D

Acq: 1 Feb 2019 16:02

Instrument :

BNA_F

ClientSampleId :

0041-FIELD-DUP

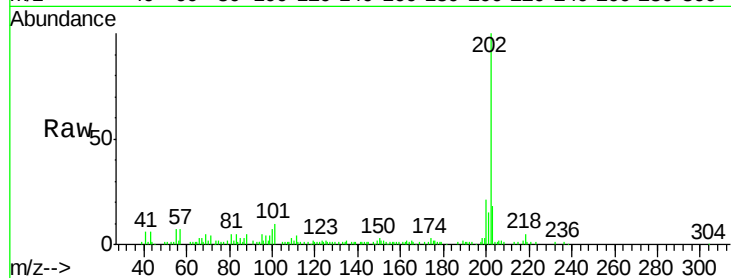
Tgt Ion:202 Resp: 69193

Ion Ratio Lower Upper

202 100

101 10.5 0.0 31.8

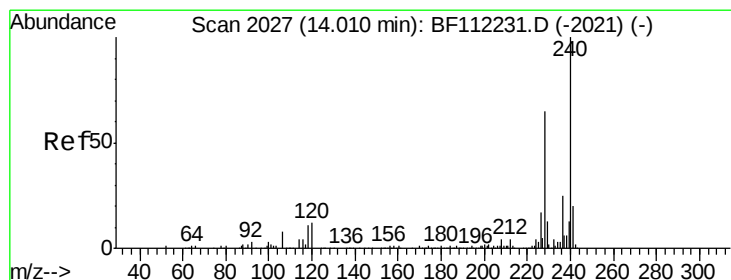
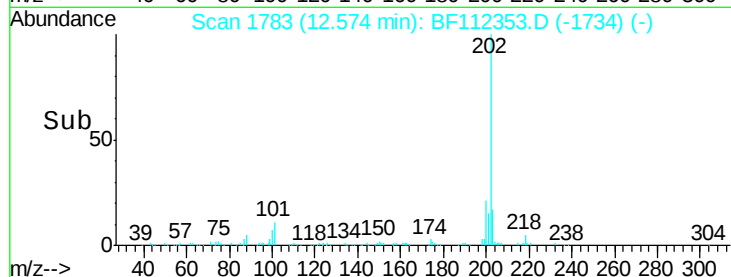
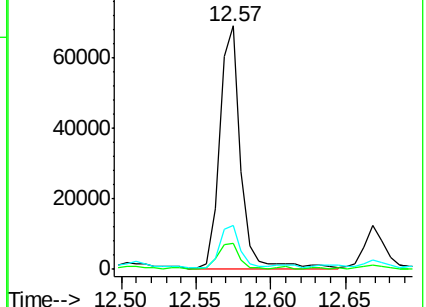
203 17.9 0.0 38.4



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: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF112353.D

Acq: 1 Feb 2019 16:02

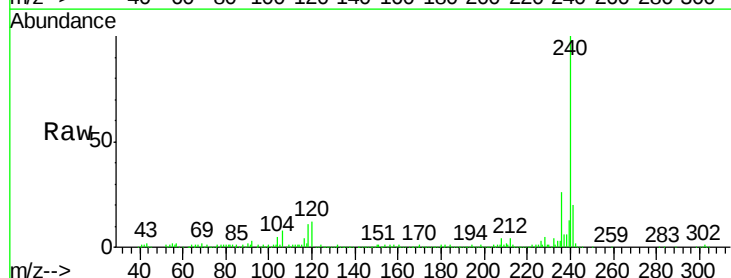
Tgt Ion:240 Resp: 304268

Ion Ratio Lower Upper

240 100

120 11.7 9.0 13.6

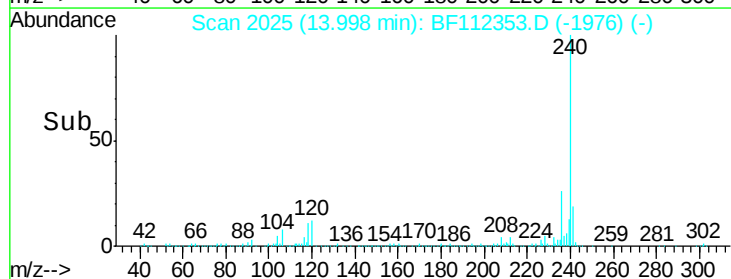
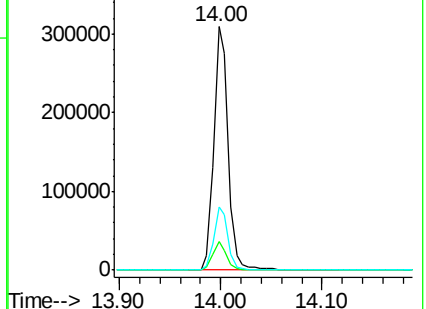
236 25.8 20.7 31.1

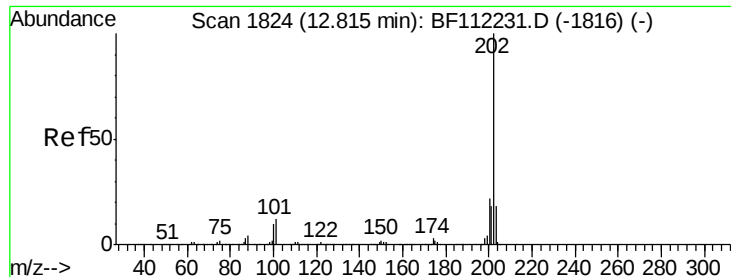


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pyrene

Concen: 3.396 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF112353.D

Acq: 1 Feb 2019 16:02

Instrument :

BNA_F

ClientSampleId :

0041-FIELD-DUP

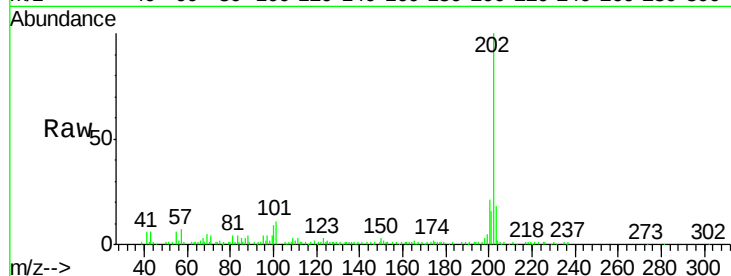
Tgt Ion:202 Resp: 71545

Ion Ratio Lower Upper

202 100

200 20.8 17.7 26.5

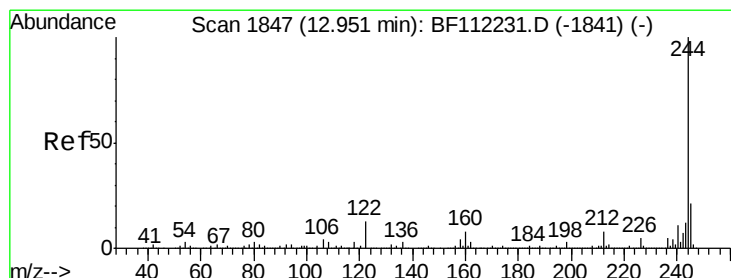
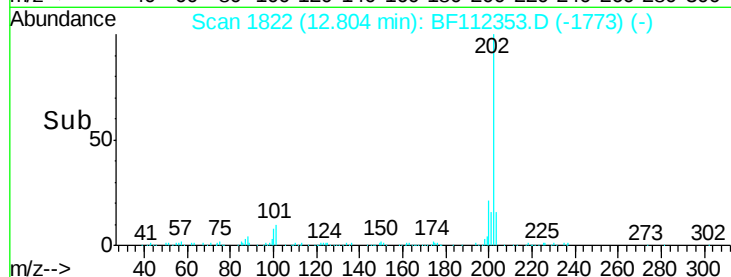
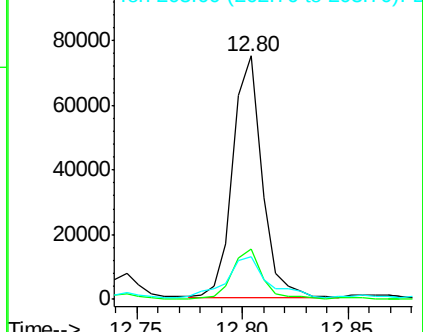
203 17.6 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 69.117 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112353.D

Acq: 1 Feb 2019 16:02

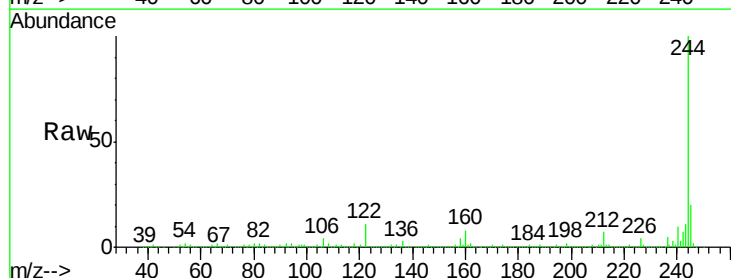
Tgt Ion:244 Resp: 1116572

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

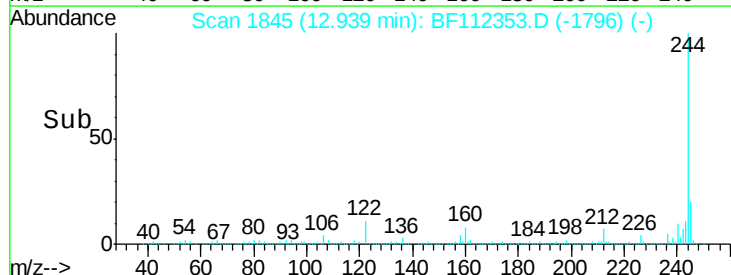
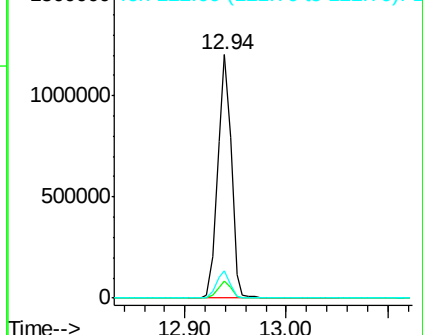
122 11.3 9.8 14.6

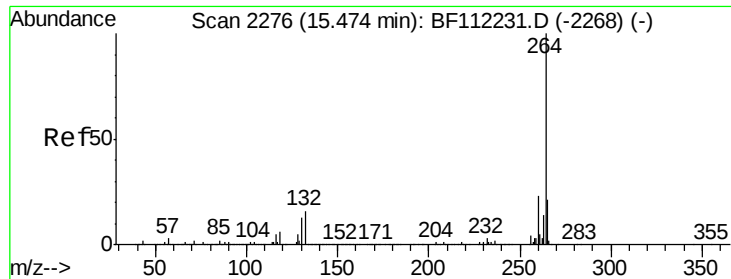


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

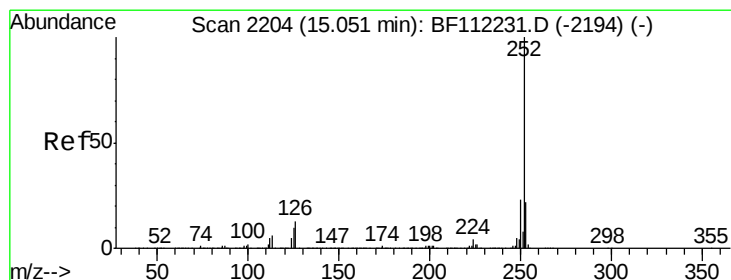
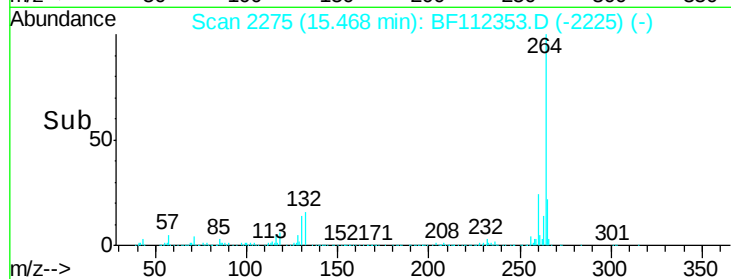
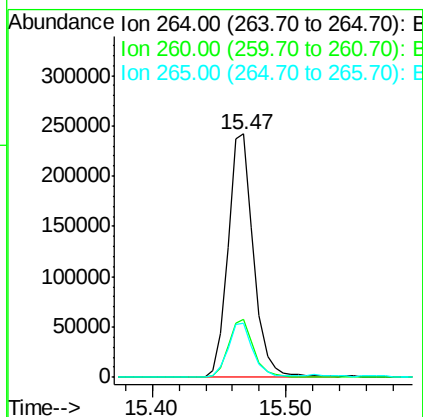
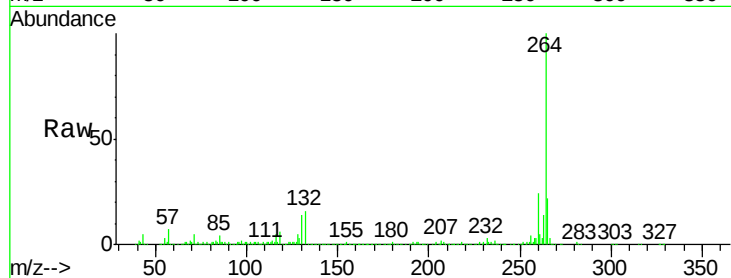




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112353.D
Acq: 1 Feb 2019 16:02

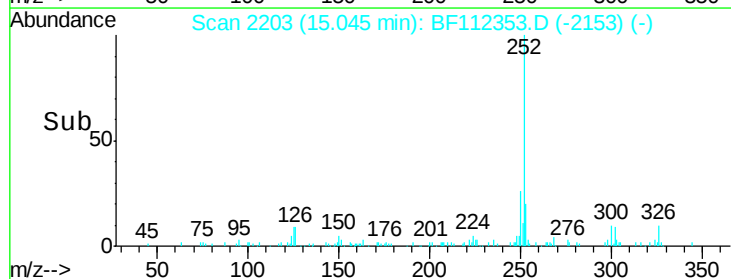
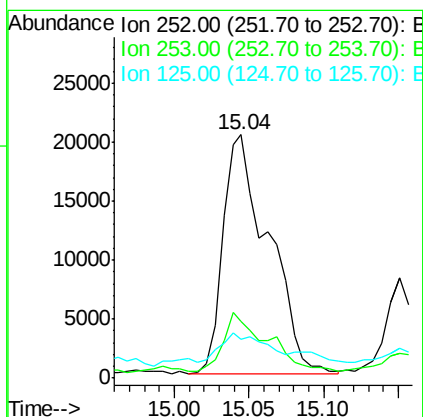
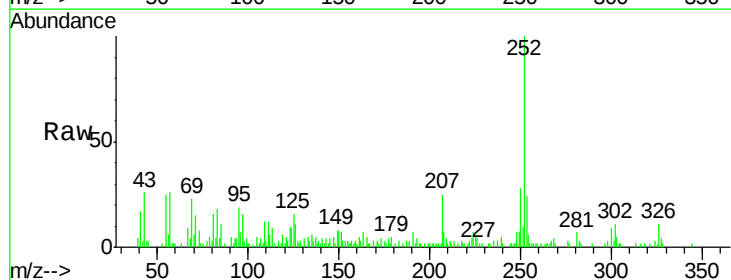
Instrument :
BNA_F
ClientSampleId :
0041-FIELD-DUP

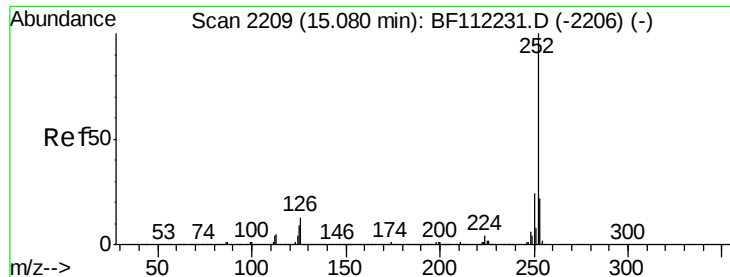
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.2
265	22.0	17.0	25.4



#88
Benzo(b)fluoranthene
Concen: 2.222 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF112353.D
Acq: 1 Feb 2019 16:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	16.0	8.7	13.1

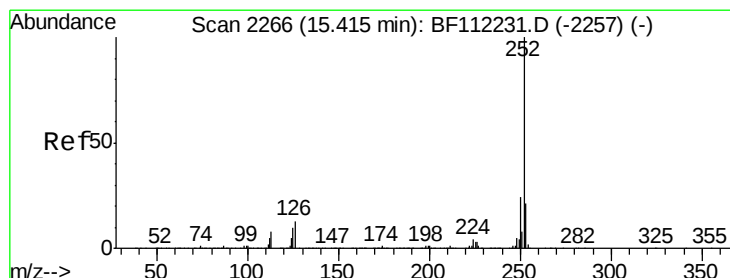
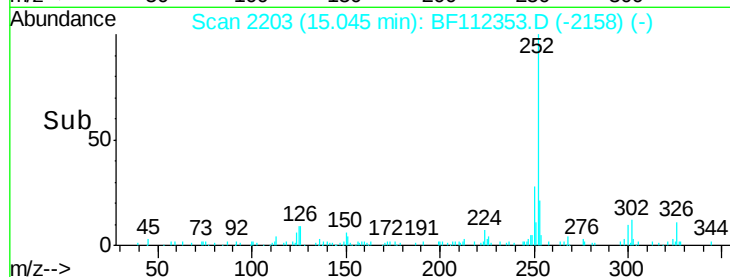
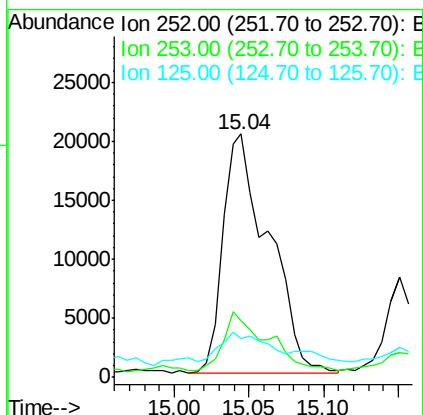
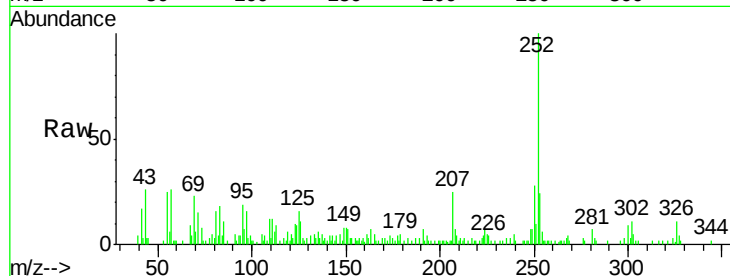




#89
Benzo(k)fluoranthene
Concen: 2.320 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.04 min
Lab File: BF112353.D
Acq: 1 Feb 2019 16:02

Instrument :
BNA_F
ClientSampleId :
0041-FIELD-DUP

Tgt Ion:252 Resp: 43036
Ion Ratio Lower Upper
252 100
253 23.5 18.0 27.0
125 16.0 9.1 13.7#



#90
Benzo(a)pyrene
Concen: 2.008 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BF112353.D
Acq: 1 Feb 2019 16:02

Tgt Ion:252 Resp: 35001
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 17.4 9.0 13.4#

