

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 23:26:43 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

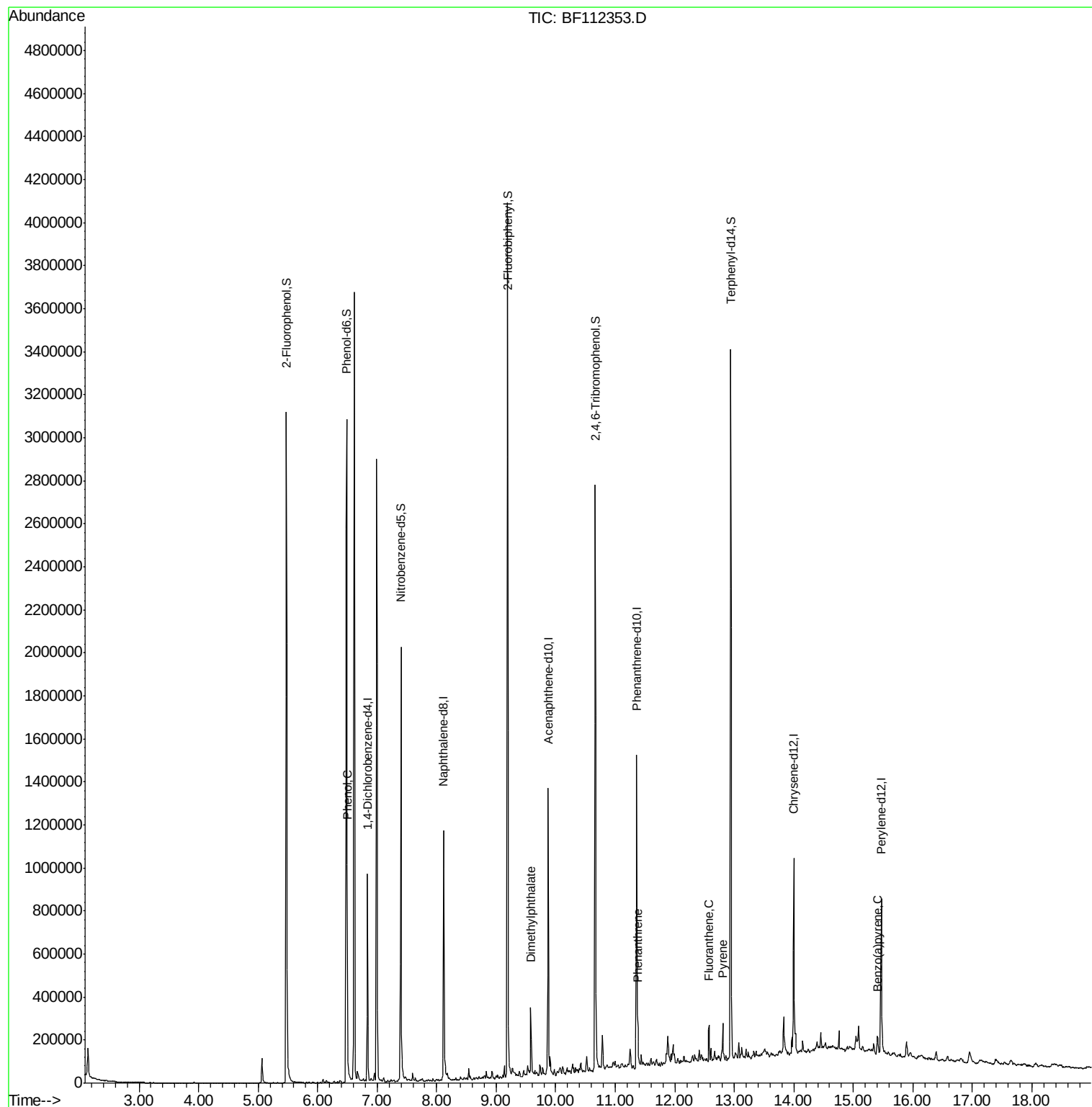
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	153438	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	596399	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	290915	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	532340	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	304268	20.00	ng	-0.01
87) Perylene-d12	15.47	264	323883	20.00	ng	0.00
System Monitoring Compounds						
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						
10) Phenol	6.50	94	39823	3.616	ng	Qvalue 79
50) Dimethylphthalate	9.58	163	115328	5.102	ng	100
71) Phenanthrene	11.38	178	61216	2.212	ng	97
75) Fluoranthene	12.57	202	69193	2.331	ng	98
78) Pyrene	12.80	202	71545	3.396	ng	98
90) Benzo(a)pyrene	15.40	252	35001	2.008	ng	# 94

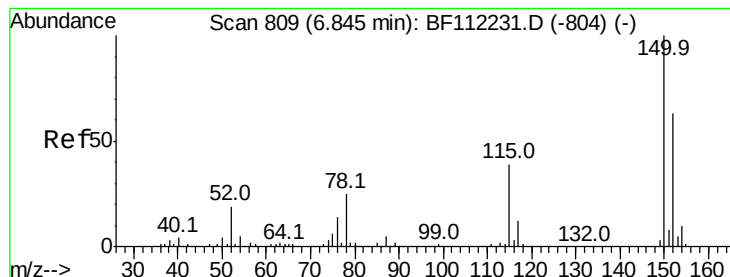
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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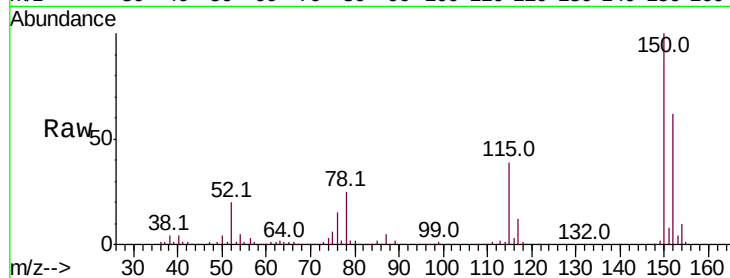


#1

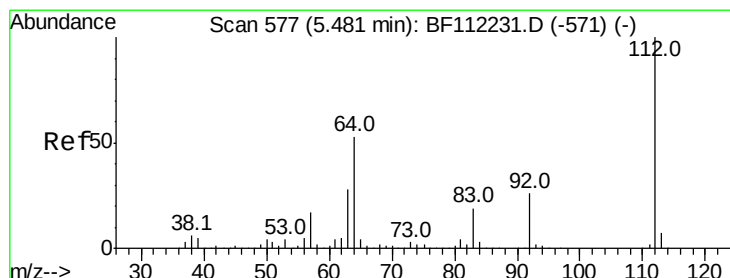
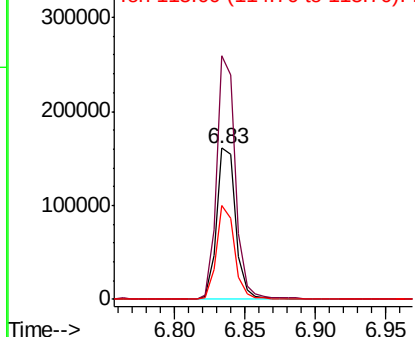
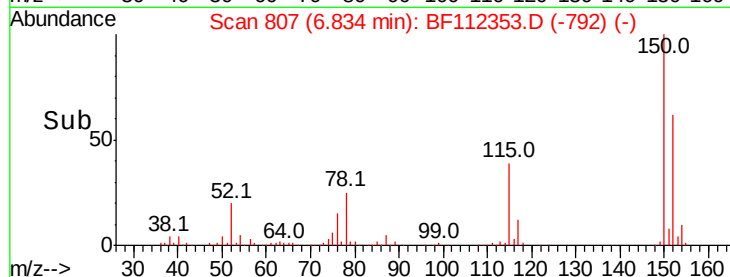
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF112353.D
 Acq: 1 Feb 2019 16:02

Instrument :
 BNA_F
 ClientSampleId :
 0041-FIELD-DUP

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



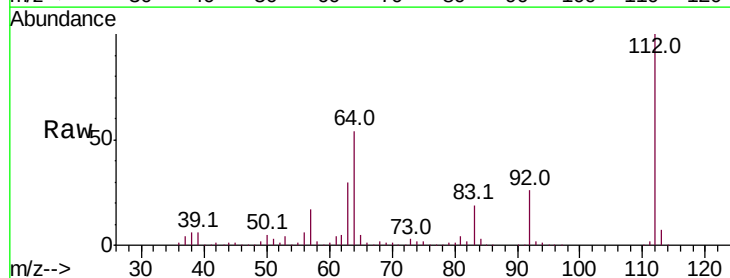
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



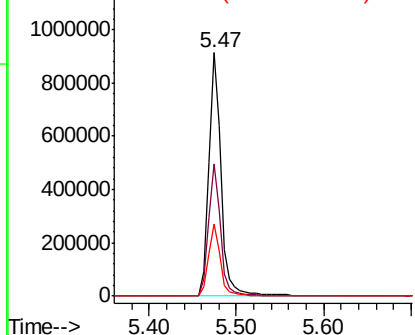
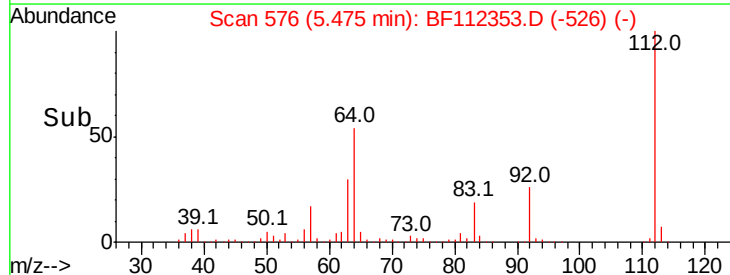
#5

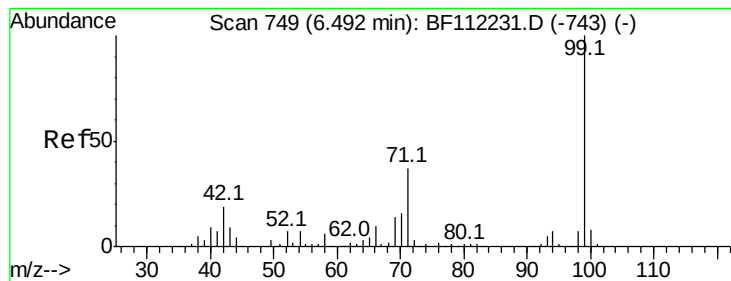
2-Fluorophenol
 Concen: 124.267 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF112353.D
 Acq: 1 Feb 2019 16:02

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

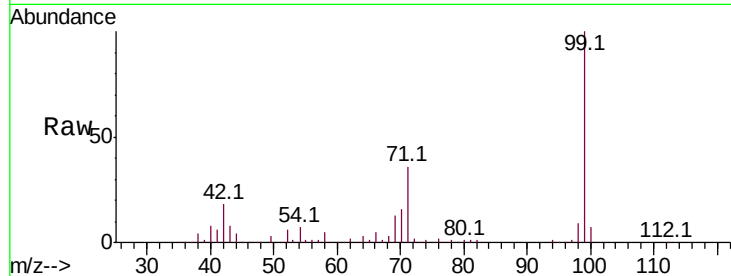
Tot Ion: 99 Resp: 1098214

Ion Ratio Lower Upper

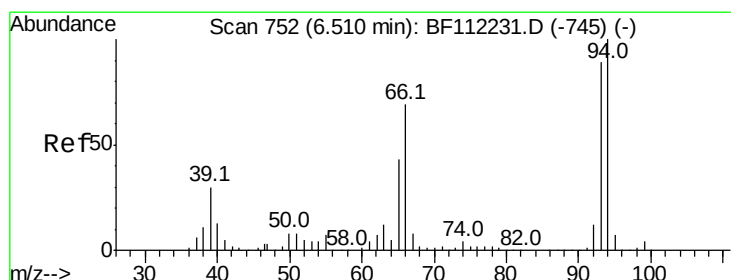
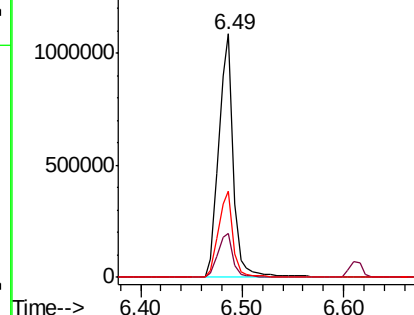
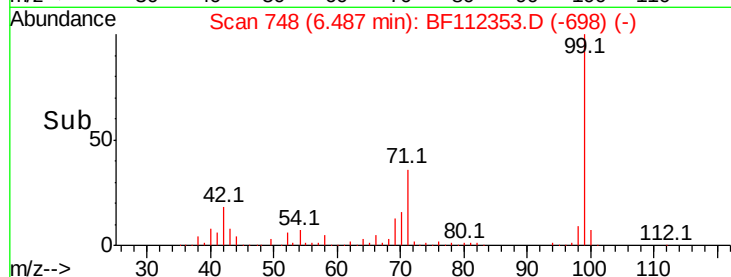
99 100

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

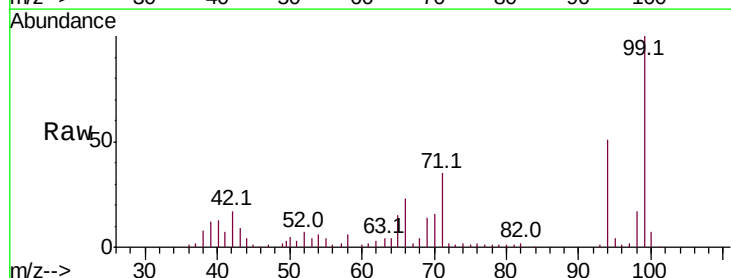
Tgt Ion: 94 Resp: 39823

Ion Ratio Lower Upper

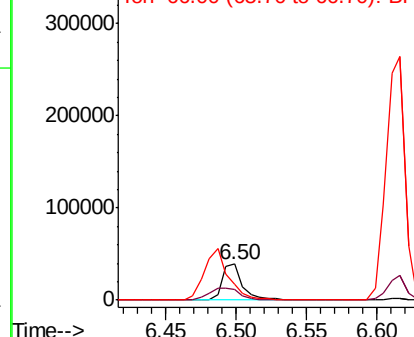
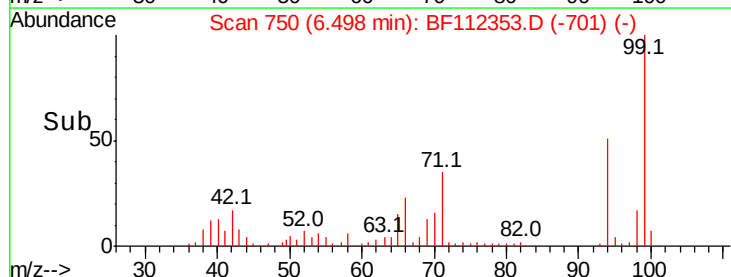
94 100

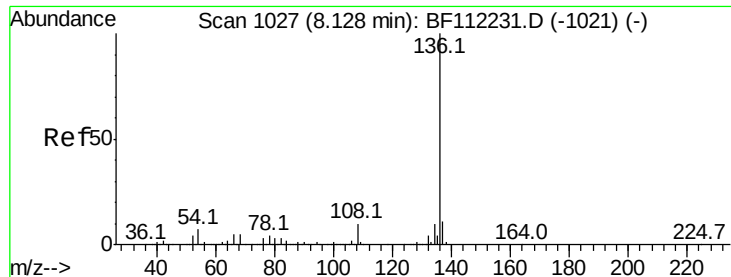
65 29.0 20.3 60.3

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





#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

Instrument :

BNA_F

ClientSampleId :

0041-FIELD-DUP

Tot Ion:136 Resp: 596399

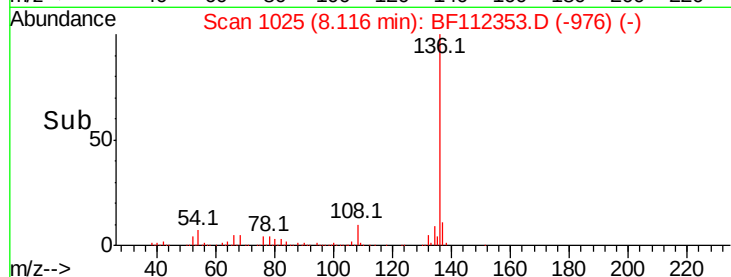
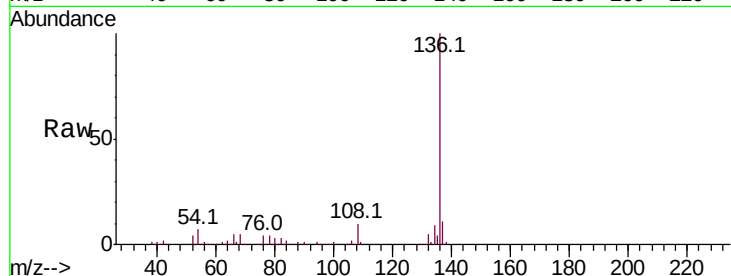
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 6.9 5.9 8.9

68 5.1 5.1 7.7#

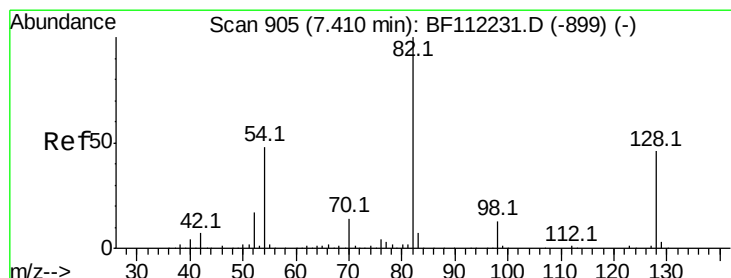
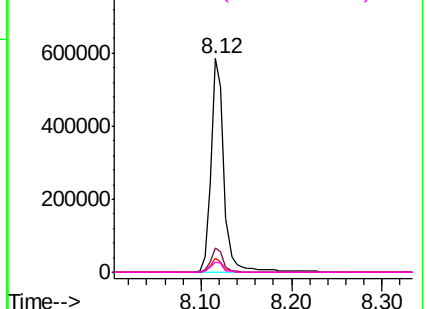


Abundance Ion 136.00 (135.70 to 136.70): E

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: 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

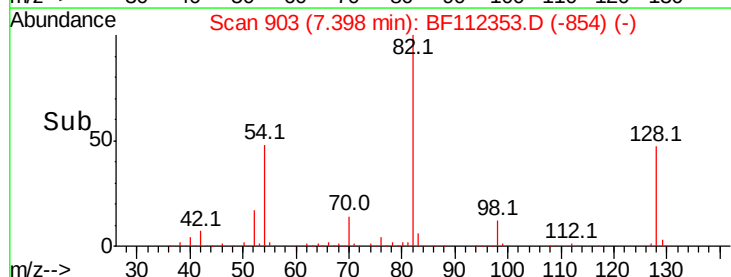
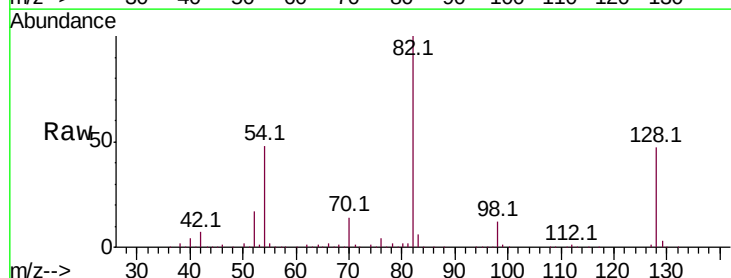
Tgt Ion: 82 Resp: 703089

Ion Ratio Lower Upper

82 100

128 46.8 37.8 56.8

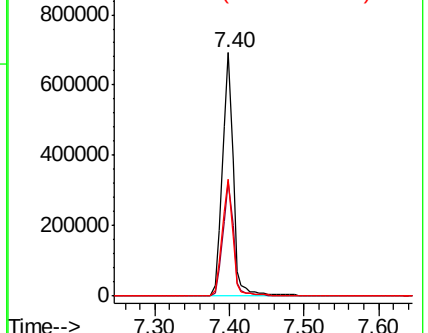
54 48.2 39.7 59.5

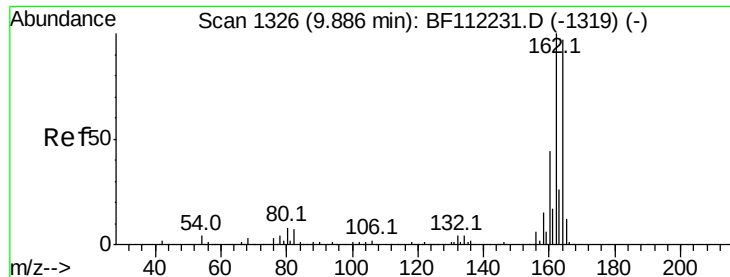


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

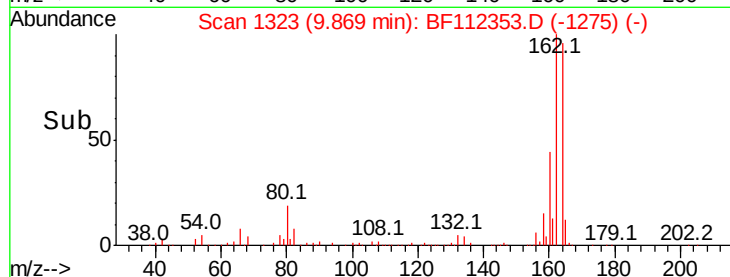
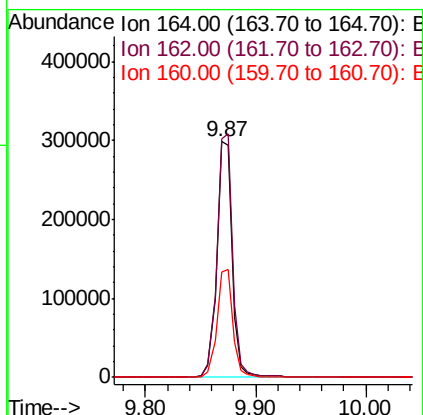
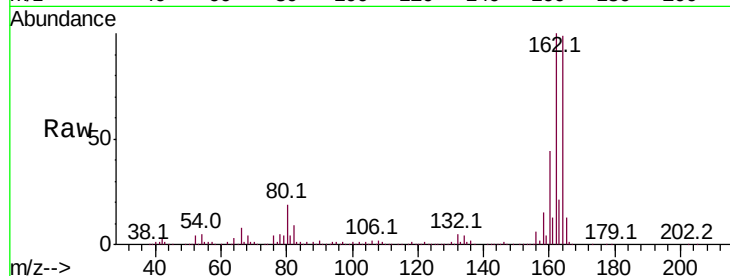




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF112353.D
 Acq: 1 Feb 2019 16:02

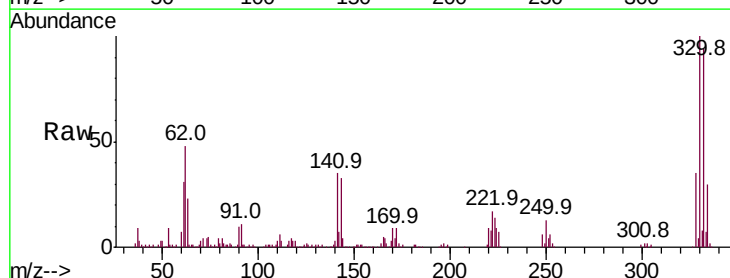
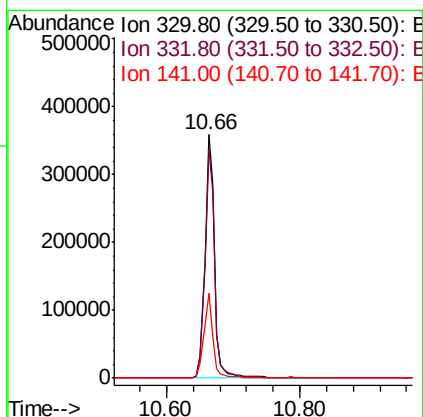
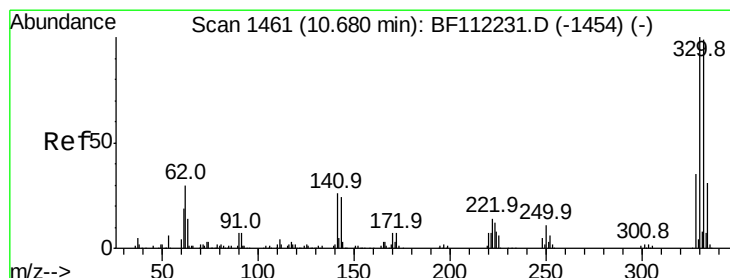
Instrument :
 BNA_F
 ClientSampleId :
 0041-FIELD-DUP

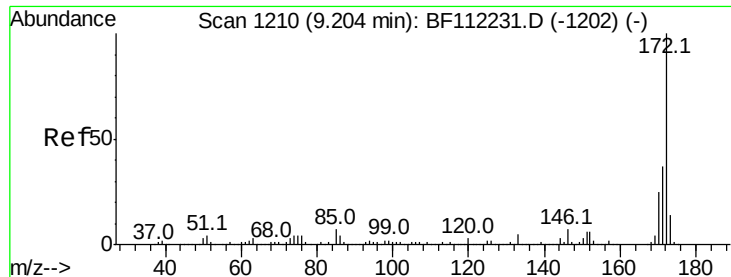
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.2	123.4
160	44.8	36.2	54.4



#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	Ratio	Lower	Upper
330	100		
332	95.1	76.6	114.8
141	33.0	24.3	36.5

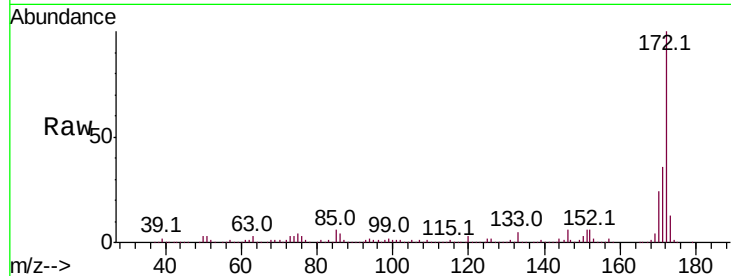




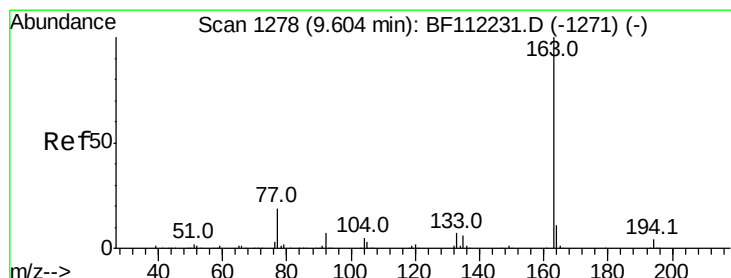
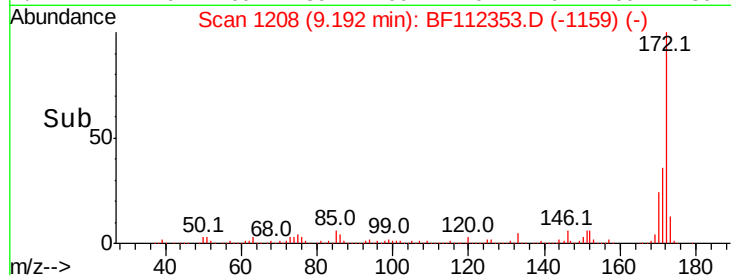
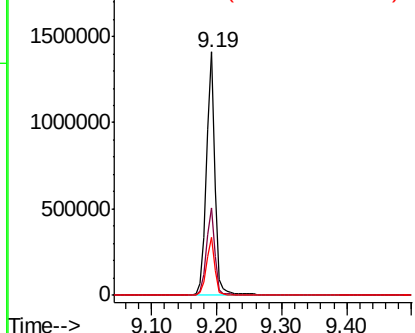
#45
2-Fluorobiphenyl
Concen: 63.015 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112353.D
Acq: 1 Feb 2019 16:02

Instrument :
BNA_F
ClientSampleId :
0041-FIELD-DUP

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

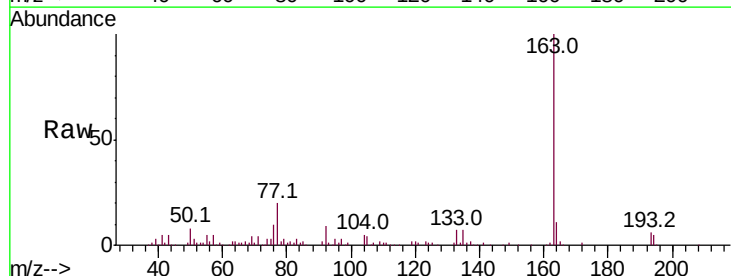


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

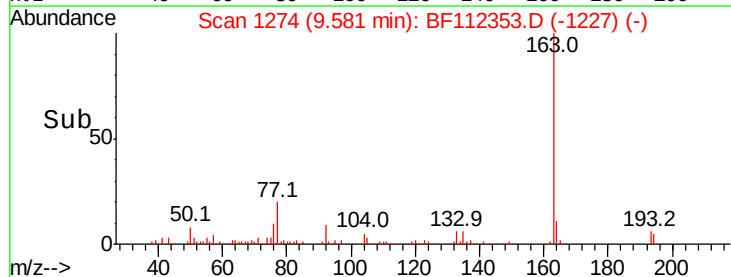
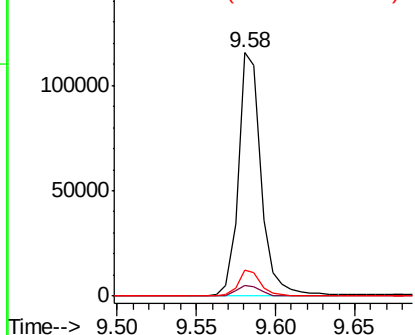


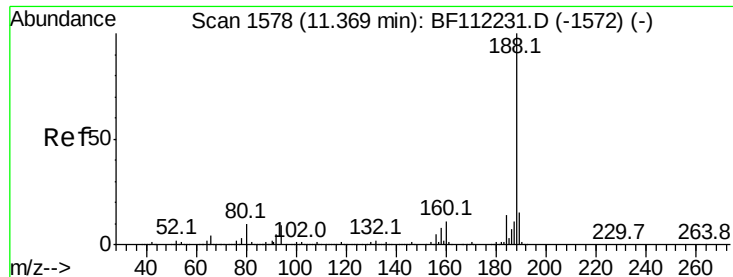
#50
Dimethylphthalate
Concen: 5.102 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112353.D
Acq: 1 Feb 2019 16:02

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

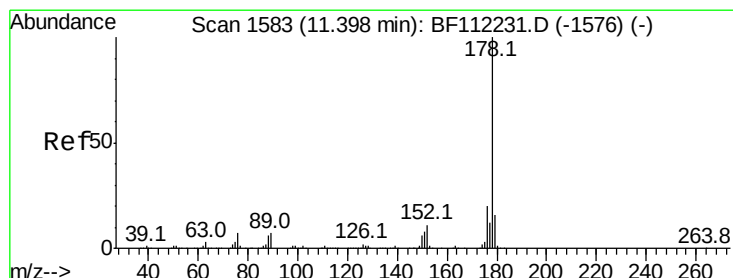
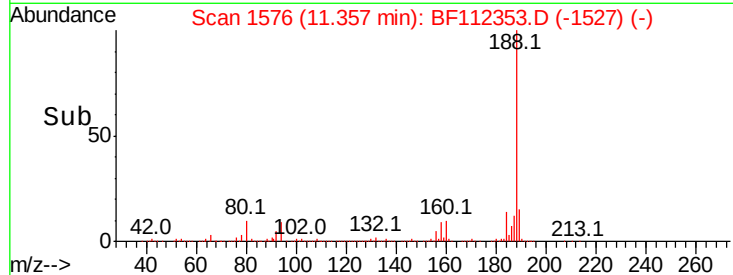
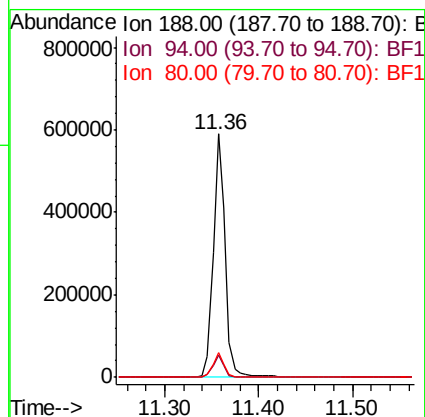
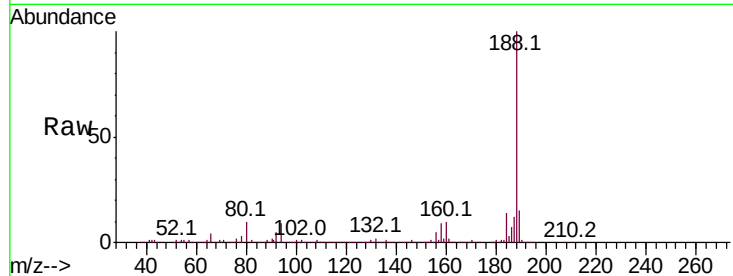




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112353.D
Acq: 1 Feb 2019 16:02

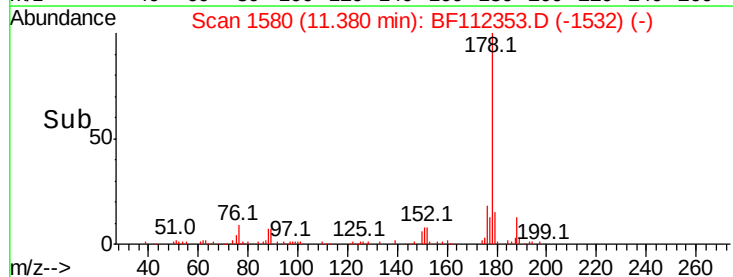
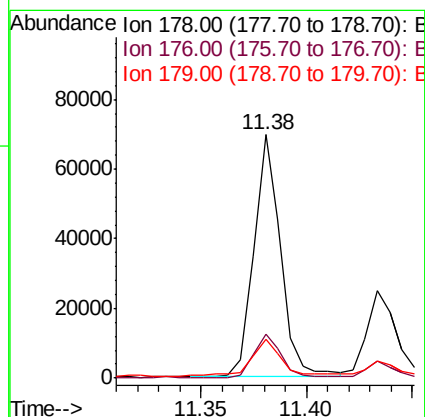
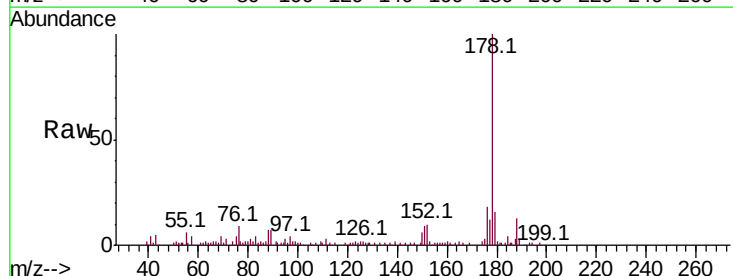
Instrument :
BNA_F
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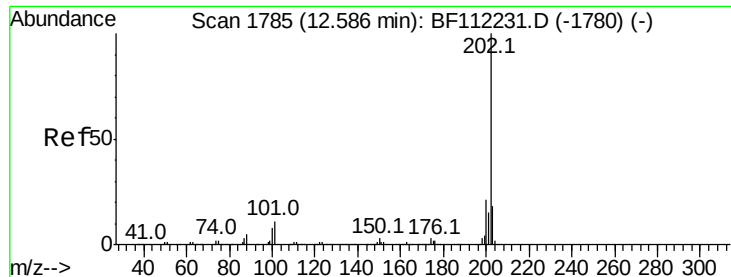
Tot Ion:188 Resp: 532340
Ion Ratio Lower Upper
188 100
94 9.2 8.2 12.2
80 9.9 8.9 13.3



#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

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





#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

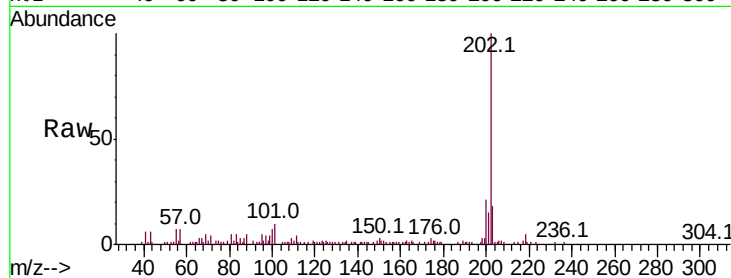
Tot Ion:202 Resp: 69193

Ion Ratio Lower Upper

202 100

101 10.5 0.0 31.8

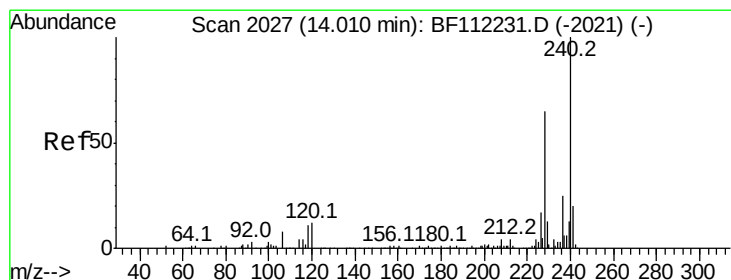
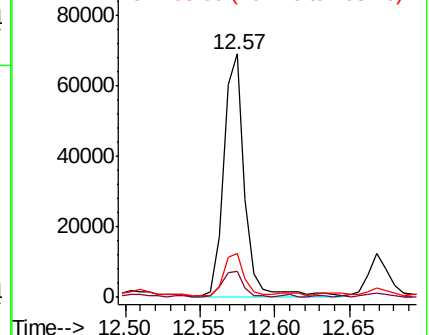
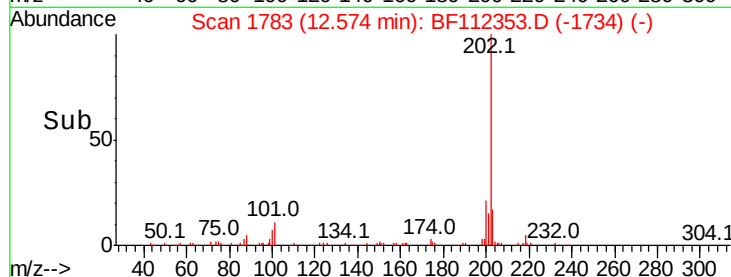
203 17.9 0.0 38.4



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

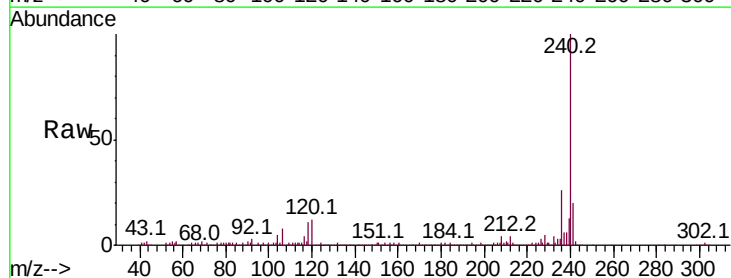
Tgt Ion:240 Resp: 304268

Ion Ratio Lower Upper

240 100

120 11.7 9.0 13.6

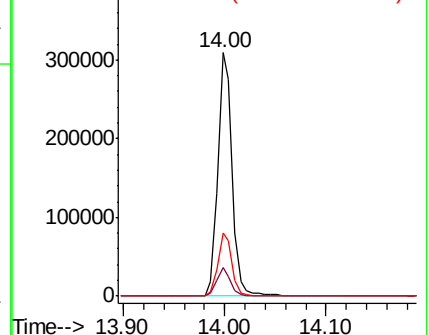
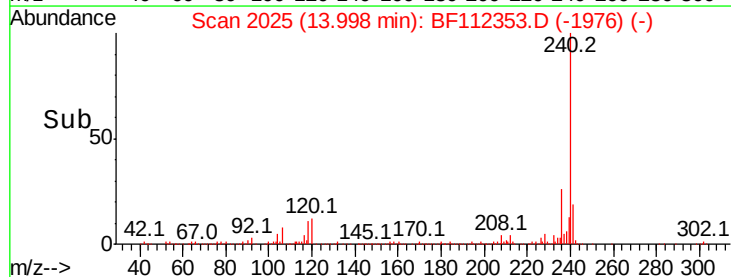
236 25.8 20.7 31.1

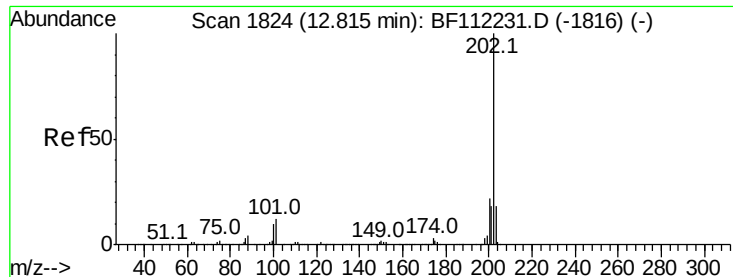


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

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

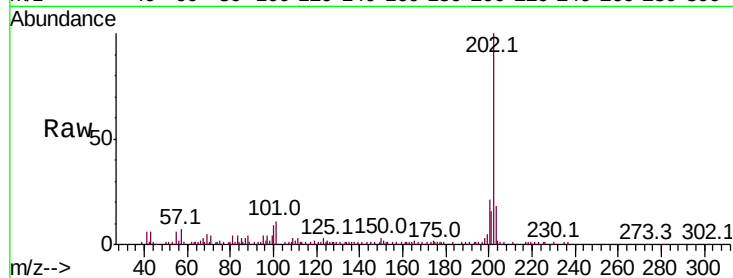
Tot Ion:202 Resp: 71545

Ion Ratio Lower Upper

202 100

200 20.8 17.7 26.5

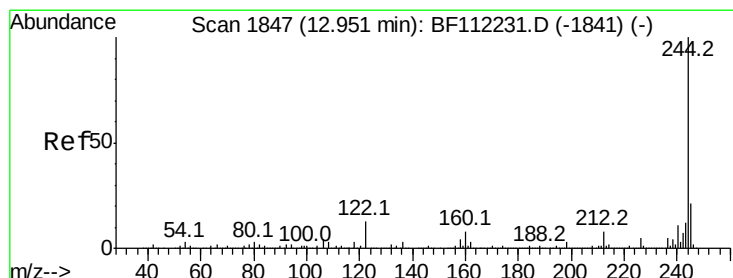
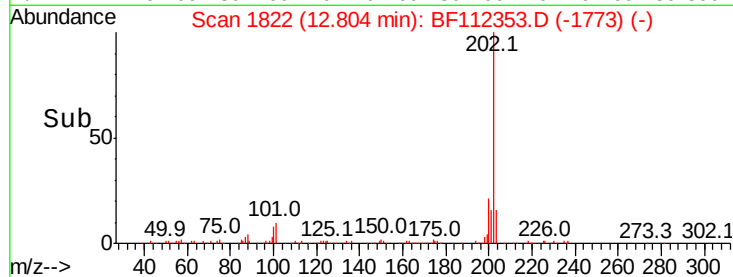
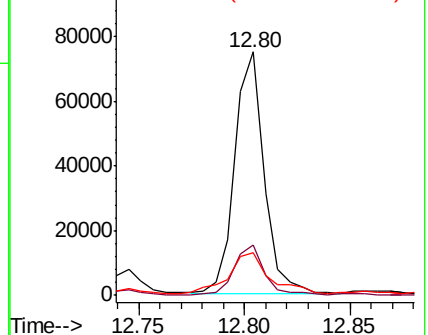
203 17.6 14.6 22.0



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

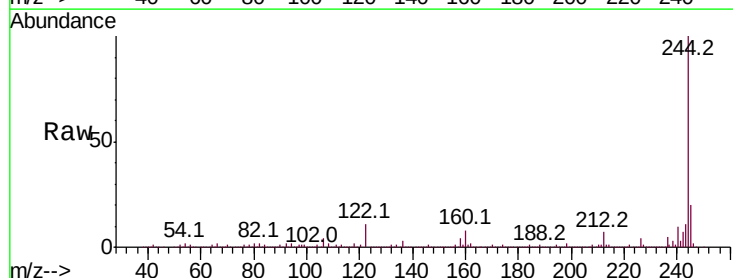
Tgt Ion:244 Resp: 1116572

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

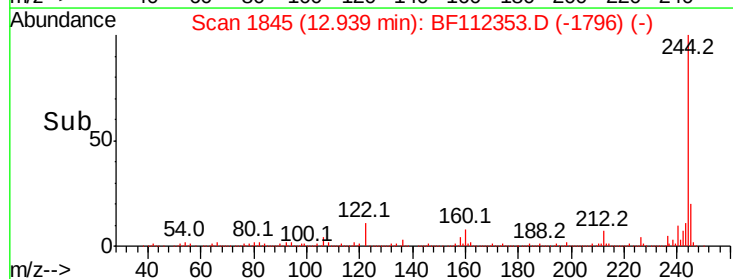
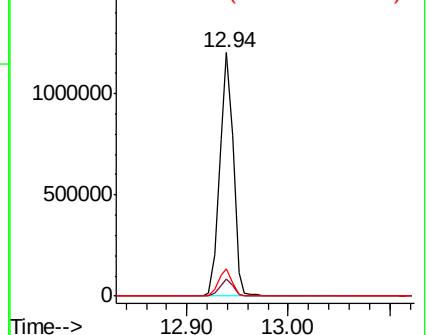
122 11.3 9.8 14.6

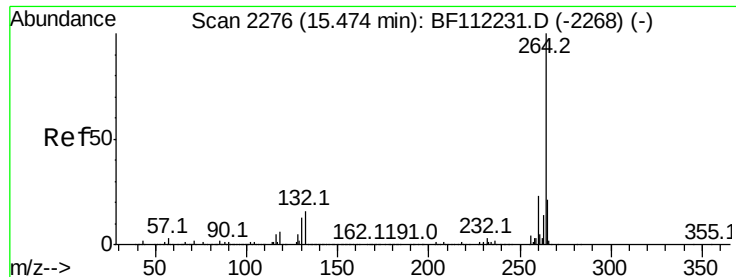


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

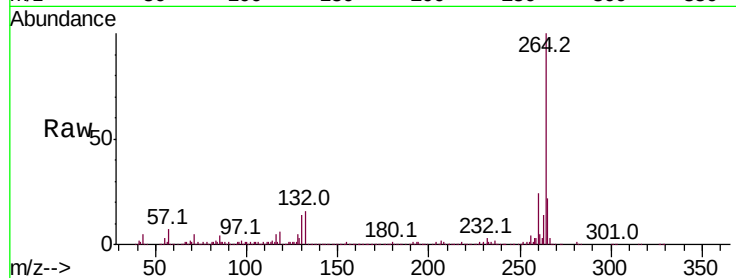




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112353.D
Acq: 1 Feb 2019 16:02

Instrument :
BNA_F
ClientSampleId :
0041-FIELD-DUP

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

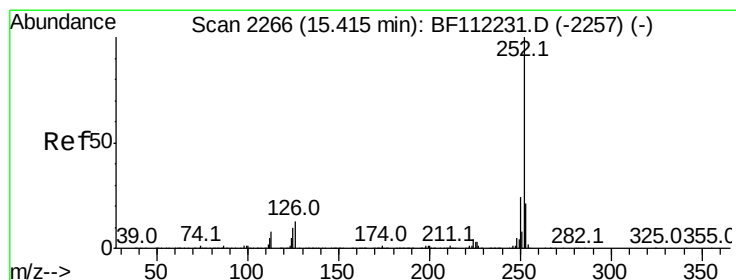
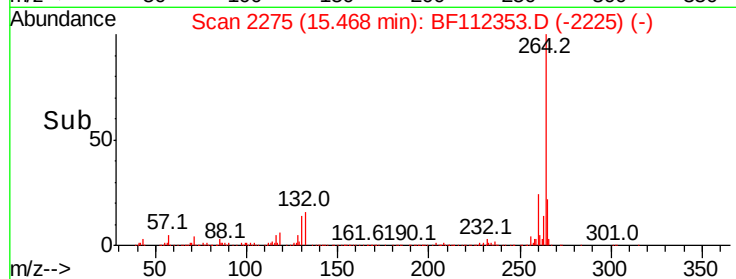
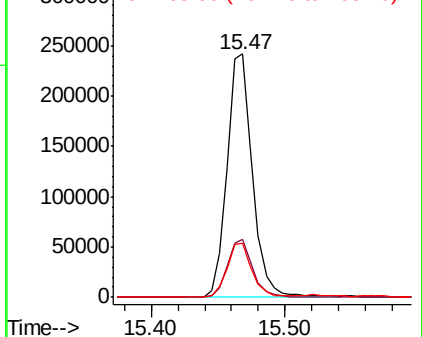


Abundance

Ion 264.00 (263.70 to 264.70): E

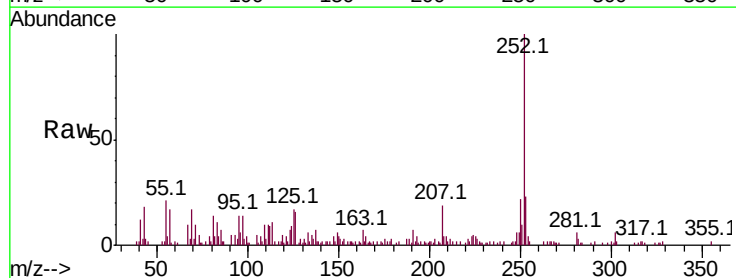
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#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	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	17.4	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

