

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
 Data File : BF083468.D
 Acq On : 3 Dec 2015 19:18
 Operator : UM/IZ
 Sample : G4573-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K207-0-2

Quant Time: Dec 04 00:52:06 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

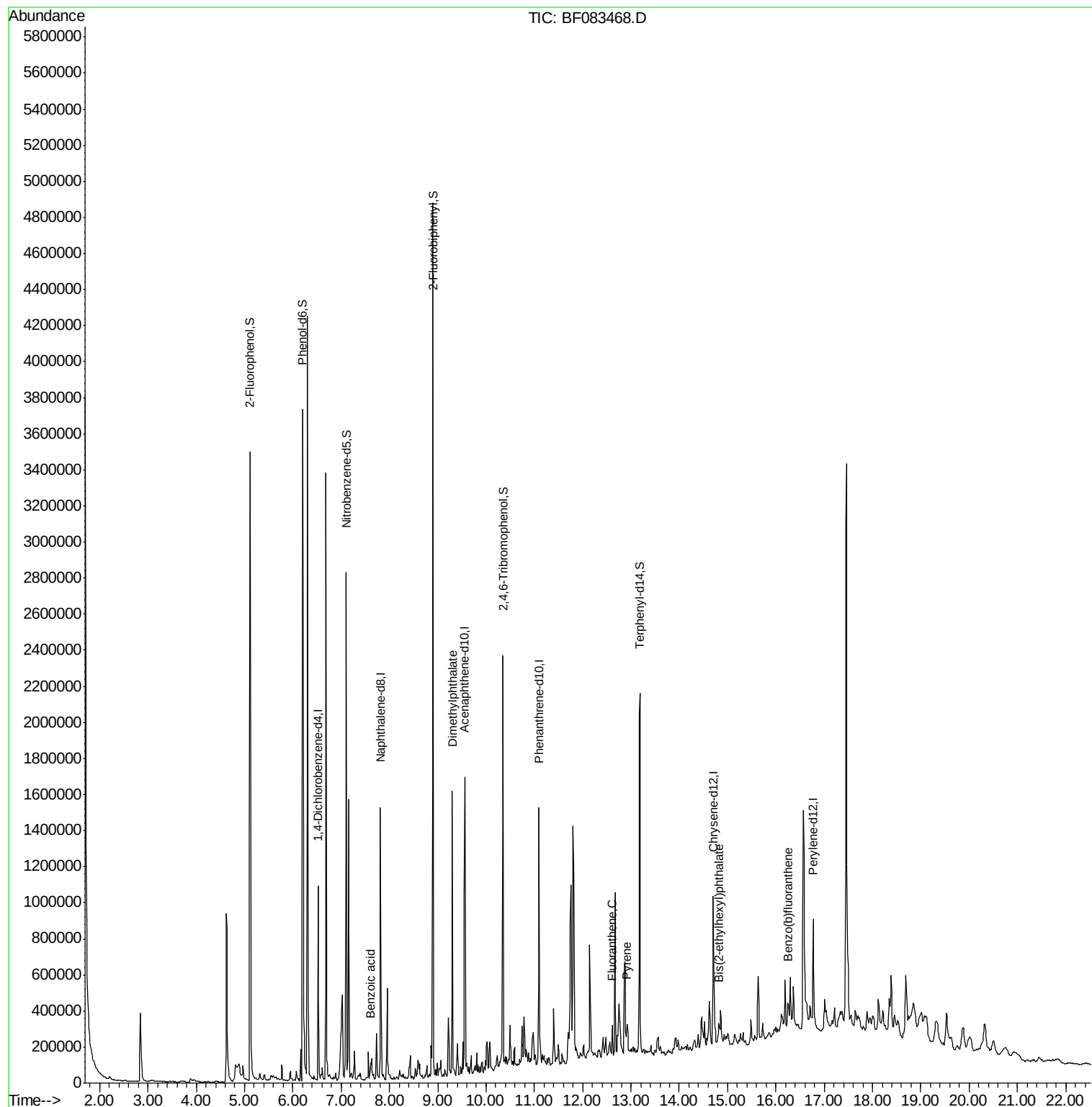
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	174565	20.00	ng	-0.02
21) Naphthalene-d8	7.81	136	668507	20.00	ng	-0.02
38) Acenaphthene-d10	9.56	164	324141	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	543559	20.00	ng	-0.03
75) Chrysene-d12	14.71	240	371515	20.00	ng	-0.06
86) Perylene-d12	16.77	264	316563	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	1120243	96.30	ng	-0.01
7) Phenol-d6	6.20	99	1443368	90.65	ng	-0.02
23) Nitrobenzene-d5	7.10	82	1081448	71.11	ng	-0.02
41) 2,4,6-Tribromophenol	10.35	330	290154	89.17	ng	-0.03
44) 2-Fluorobiphenyl	8.90	172	1481872	65.15	ng	-0.02
78) Terphenyl-d14	13.19	244	1026481	65.89	ng	-0.03
Target Compounds						Qvalue
32) Benzoic acid	7.61	122	20617	2.69	ng	90
49) Dimethylphthalate	9.30	163	572552	21.74	ng	98
74) Fluoranthene	12.61	202	67875	2.04	ng	97
77) Pyrene	12.92	202	70162	2.70	ng	# 95
83) Bis(2-ethylhexyl)phthalate	14.83	149	33147	2.25	ng	# 97
87) Benzo(b)fluoranthene	16.26	252	47084m	2.32	ng	

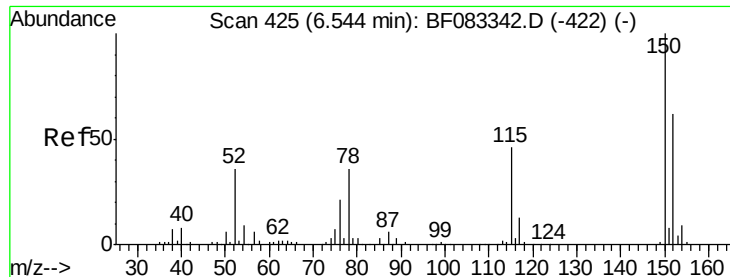
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083468.D
Acq On : 3 Dec 2015 19:18
Operator : UM/IZ
Sample : G4573-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K207-0-2

Quant Time: Dec 04 00:52:06 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration



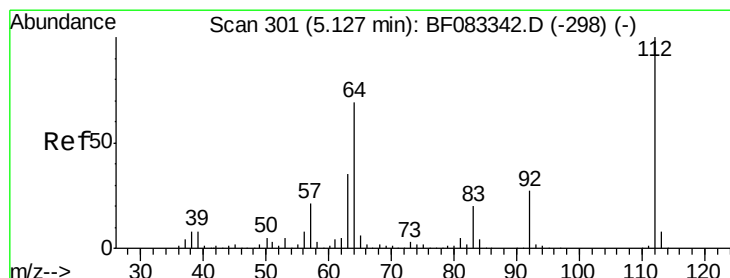
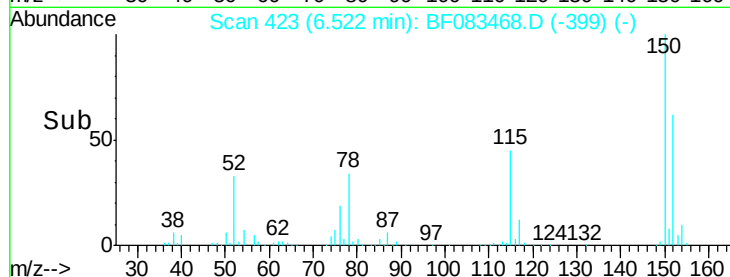
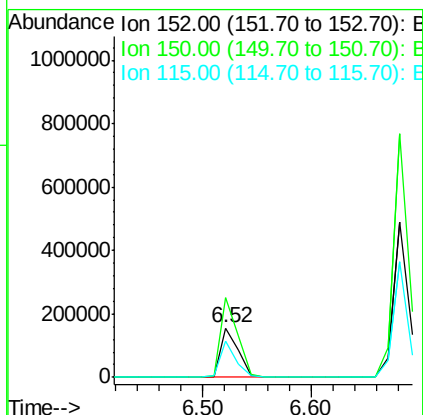
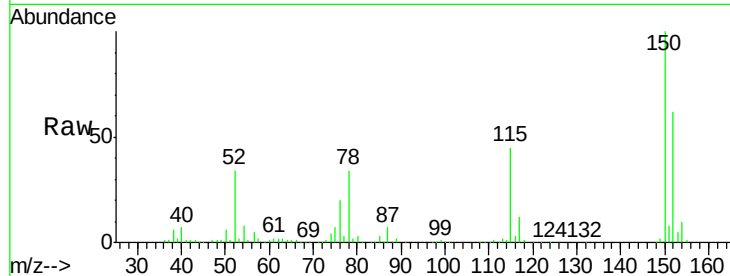


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.52 min Scan# 423
Delta R.T. -0.02 min
Lab File: BF083468.D
Acq: 3 Dec 2015 19:18

Instrument :
BNA_F
ClientSampleId :
K207-0-2

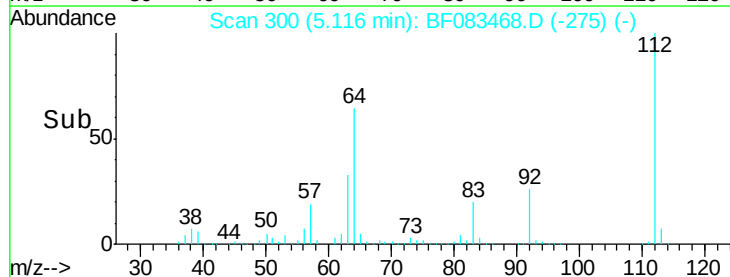
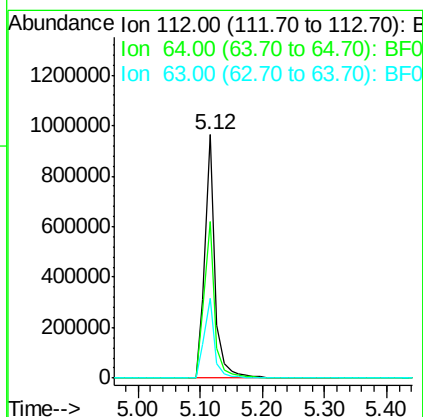
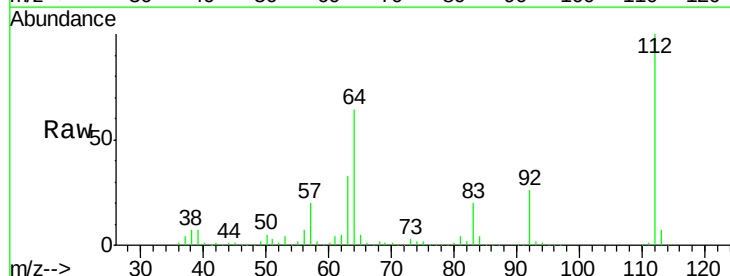
Tot Ion:152 Resp: 174565
Ion Ratio Lower Upper
152 100
150 161.5 129.8 194.8
115 73.2 59.2 88.8

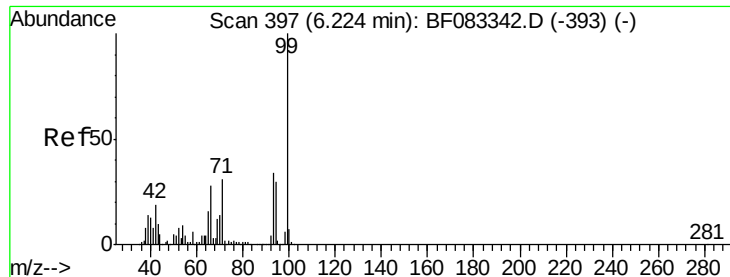


#5

2-Fluorophenol
Concen: 96.30 ng
RT: 5.12 min Scan# 300
Delta R.T. -0.01 min
Lab File: BF083468.D
Acq: 3 Dec 2015 19:18

Tgt Ion:112 Resp: 1120243
Ion Ratio Lower Upper
112 100
64 64.5 55.6 83.4
63 32.8 28.2 42.2





#7

Phenol-d6

Concen: 90.65 ng

RT: 6.20 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF083468.D

Acq: 3 Dec 2015 19:18

Instrument :

BNA_F

ClientSampleId :

K207-0-2

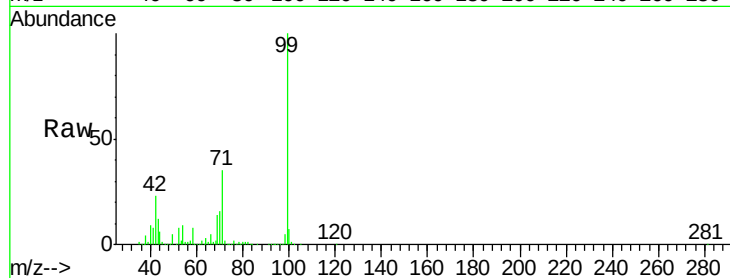
Tot Ion: 99 Resp: 1443368

Ion Ratio Lower Upper

99 100

42 22.6 14.9 22.3#

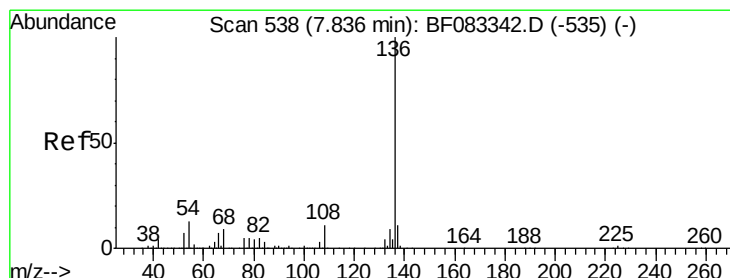
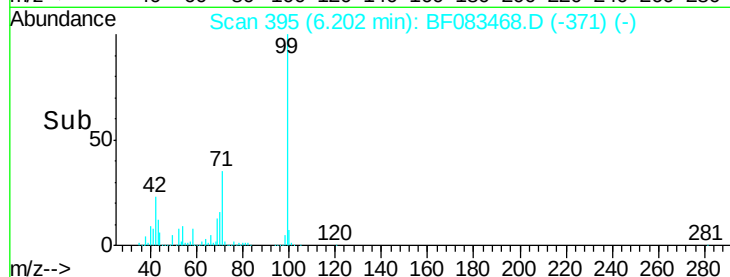
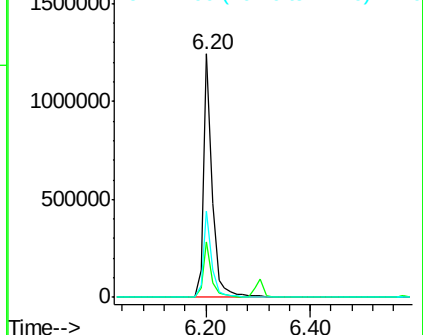
71 35.4 24.7 37.1



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.81 min Scan# 536

Delta R.T. -0.02 min

Lab File: BF083468.D

Acq: 3 Dec 2015 19:18

Tgt Ion: 136 Resp: 668507

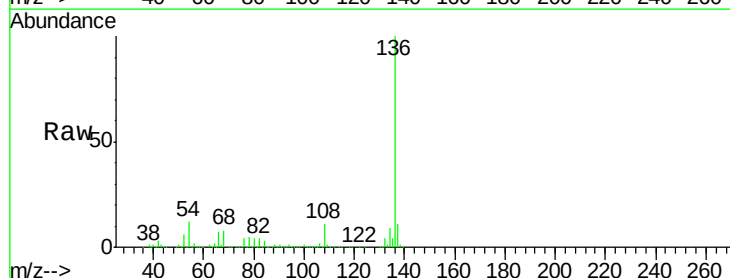
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 11.6 10.1 15.1

68 8.2 7.1 10.7

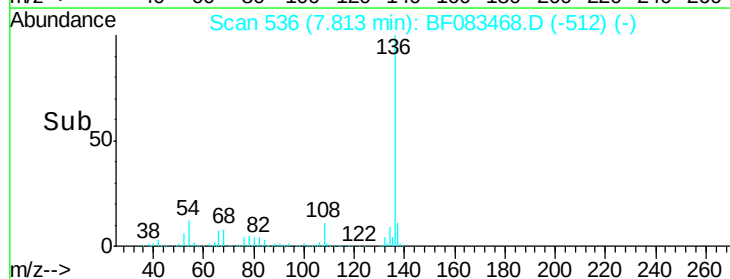
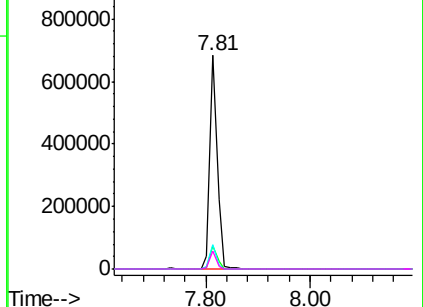


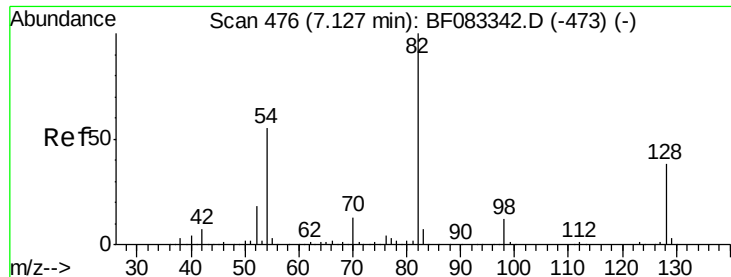
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 71.11 ng

RT: 7.10 min Scan# 474

Delta R.T. -0.02 min

Lab File: BF083468.D

Acq: 3 Dec 2015 19:18

Instrument :

BNA_F

ClientSampled :

K207-0-2

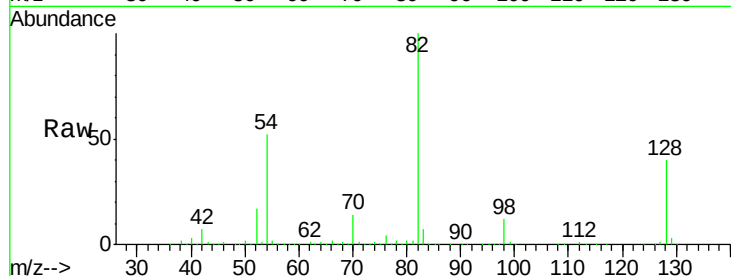
Tot Ion: 82 Resp: 1081448

Ion Ratio Lower Upper

82 100

128 39.9 30.6 46.0

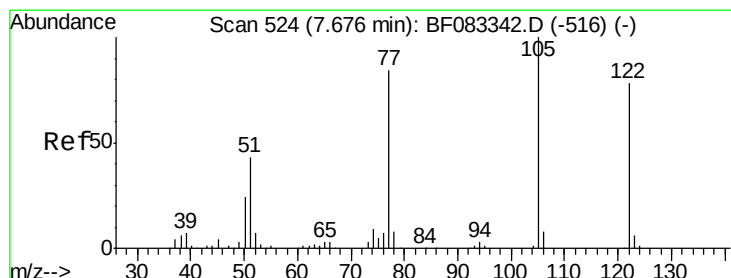
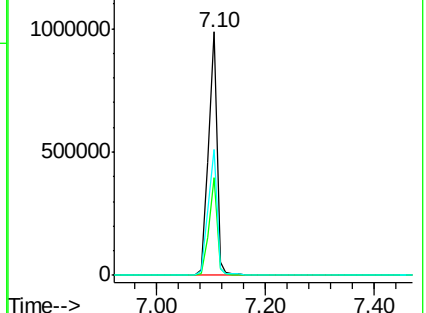
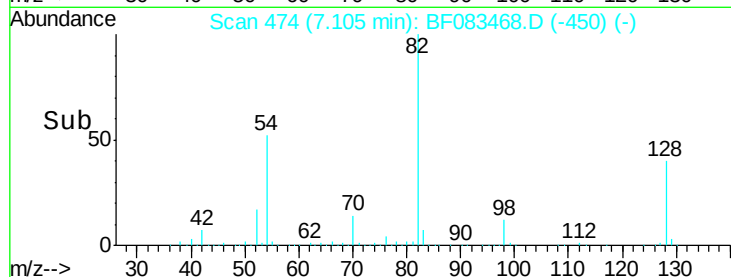
54 51.8 43.8 65.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#32

Benzoic acid

Concen: 2.69 ng

RT: 7.61 min Scan# 518

Delta R.T. -0.07 min

Lab File: BF083468.D

Acq: 3 Dec 2015 19:18

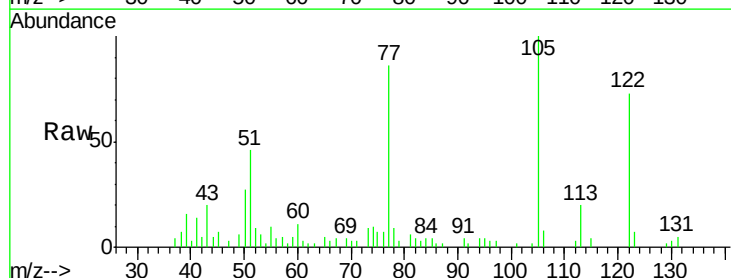
Tgt Ion: 122 Resp: 20617

Ion Ratio Lower Upper

122 100

105 136.3 106.0 146.0

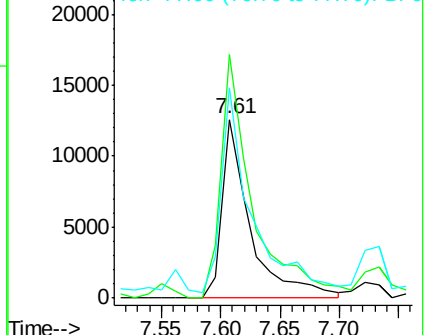
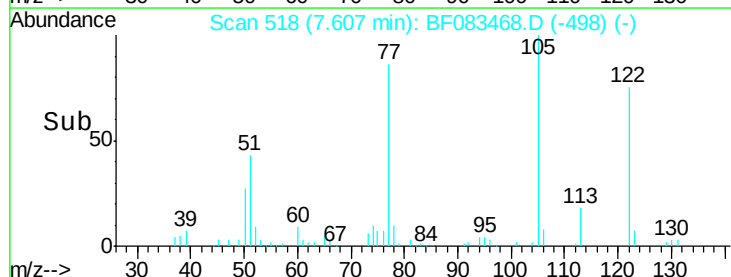
77 117.8 86.3 126.3

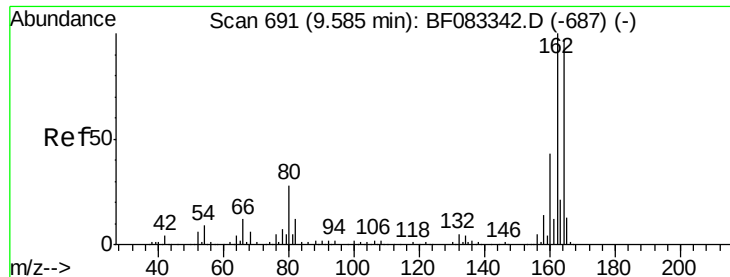


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.56 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF083468.D

Acq: 3 Dec 2015 19:18

Instrument :

BNA_F

ClientSampleId :

K207-0-2

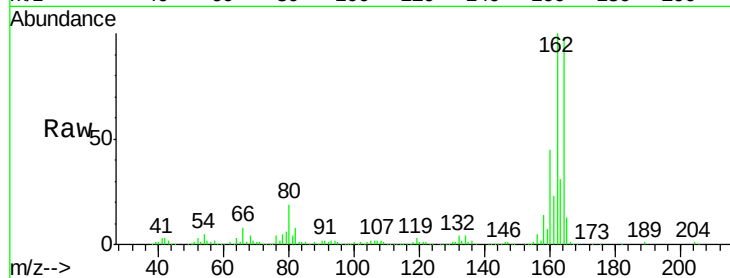
Tot Ion:164 Resp: 324141

Ion Ratio Lower Upper

164 100

162 102.5 82.6 123.8

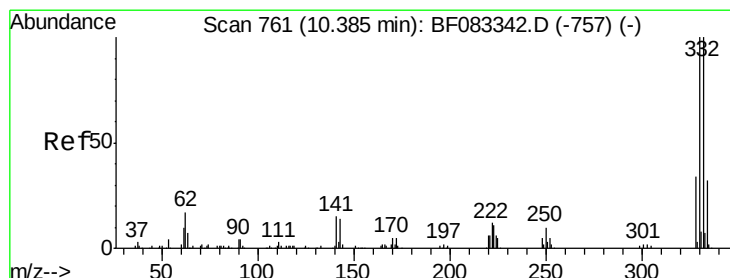
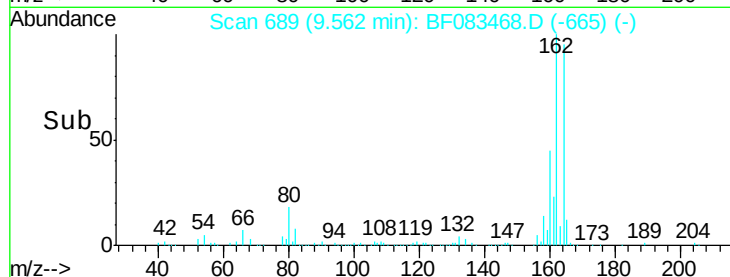
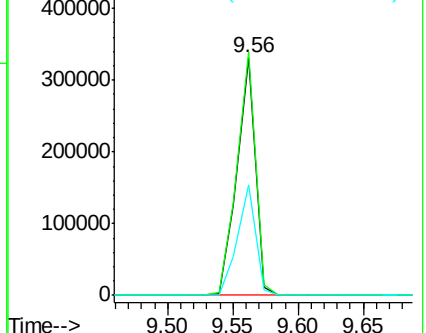
160 46.3 35.3 52.9



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: 89.17 ng

RT: 10.35 min Scan# 758

Delta R.T. -0.03 min

Lab File: BF083468.D

Acq: 3 Dec 2015 19:18

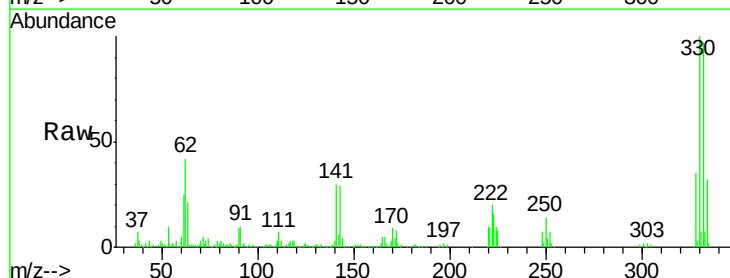
Tgt Ion:330 Resp: 290154

Ion Ratio Lower Upper

330 100

332 97.4 77.8 116.6

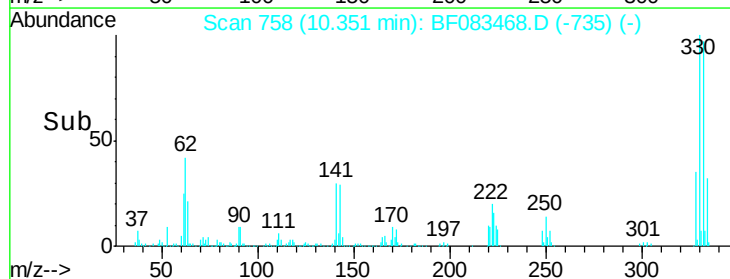
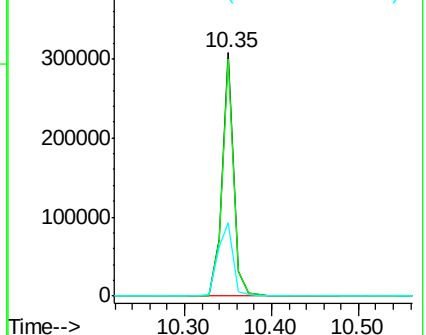
141 39.3 29.4 44.0

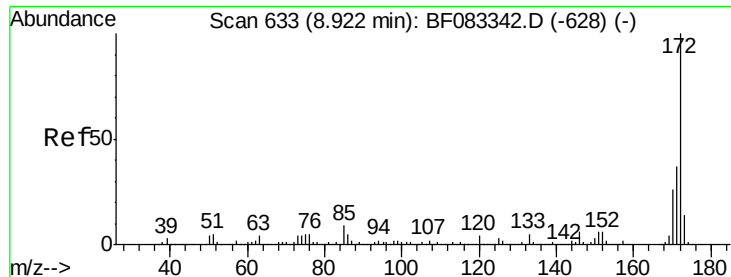


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

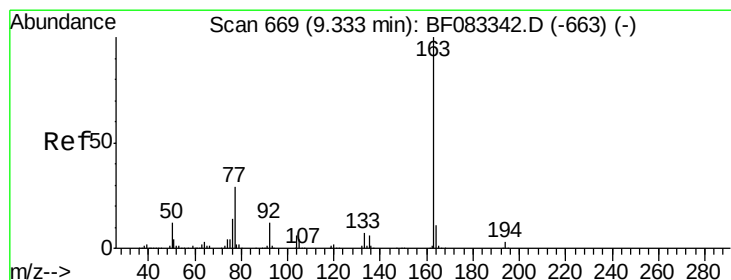
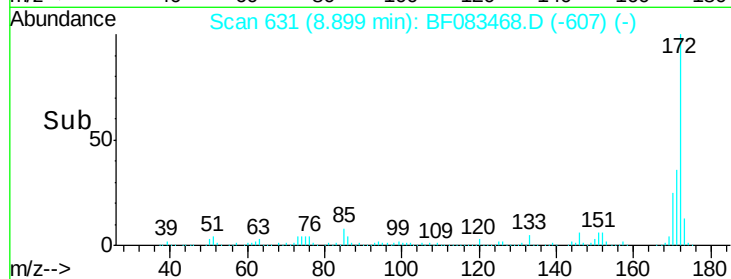
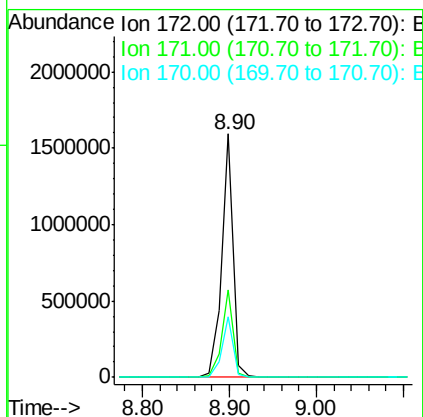
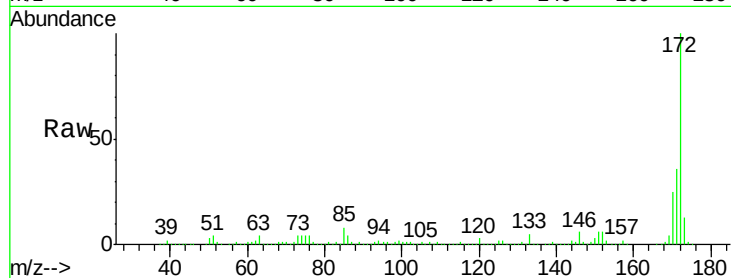




#44
2-Fluorobiphenyl
Concen: 65.15 ng
RT: 8.90 min Scan# 631
Delta R.T. -0.02 min
Lab File: BF083468.D
Acq: 3 Dec 2015 19:18

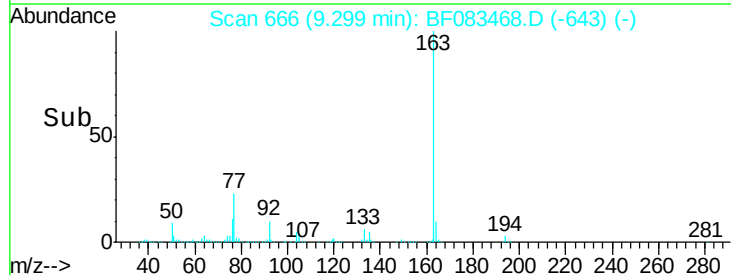
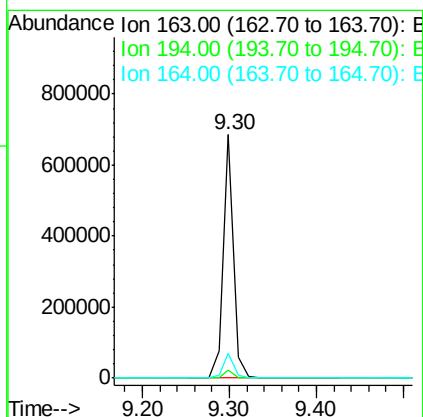
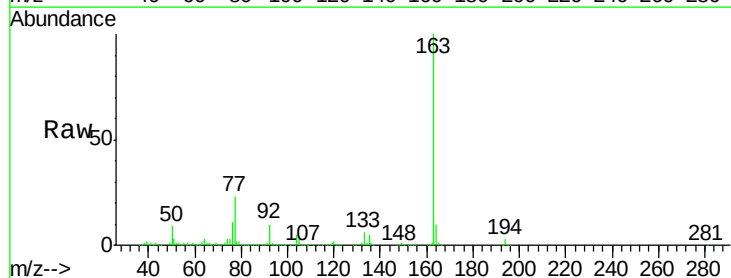
Instrument :
BNA_F
ClientSampleId :
K207-0-2

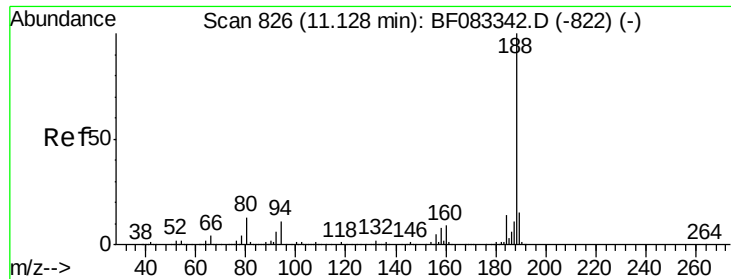
Tot Ion:172 Resp: 1481872
Ion Ratio Lower Upper
172 100
171 36.1 29.4 44.0
170 24.6 20.4 30.6



#49
Dimethylphthalate
Concen: 21.74 ng
RT: 9.30 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF083468.D
Acq: 3 Dec 2015 19:18

Tgt Ion:163 Resp: 572552
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.1 8.8 13.2

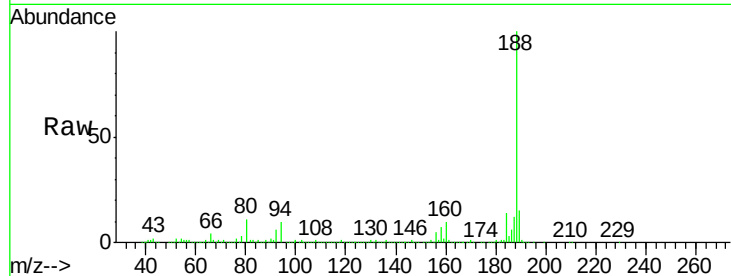




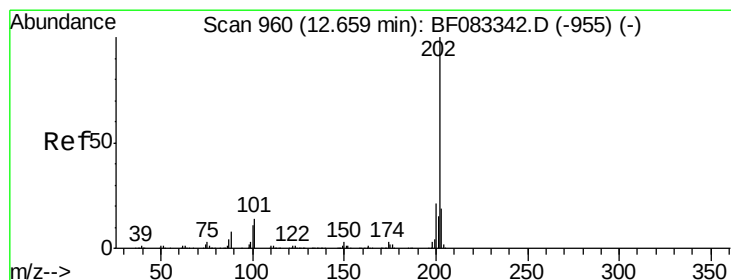
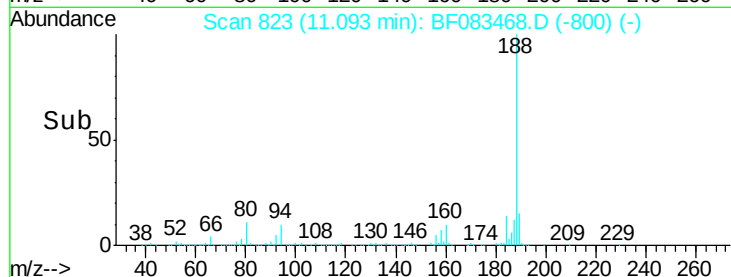
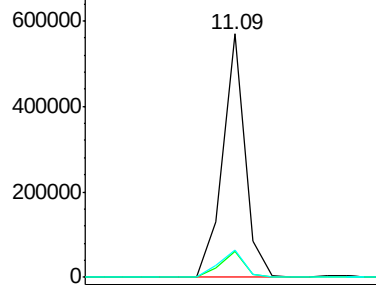
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 823
Delta R.T. -0.03 min
Lab File: BF083468.D
Acq: 3 Dec 2015 19:18

Instrument :
BNA_F
ClientSampleId :
K207-0-2

Tot Ion:188 Resp: 543559
Ion Ratio Lower Upper
188 100
94 10.4 8.7 13.1
80 11.3 10.3 15.5

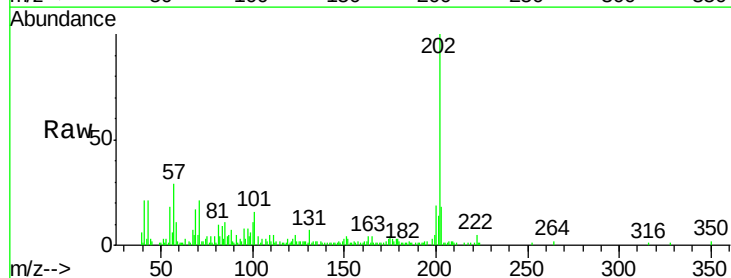


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

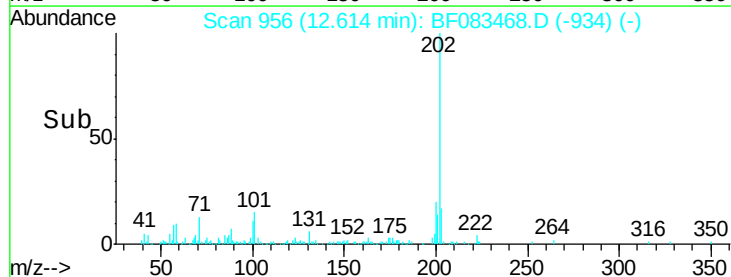
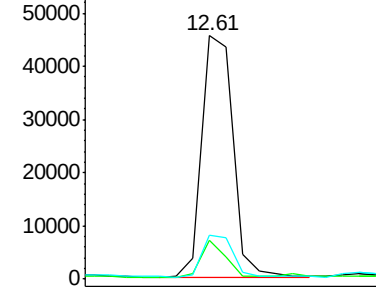


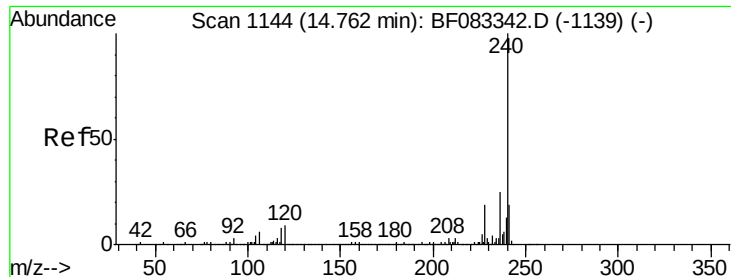
#74
Fluoranthene
Concen: 2.04 ng
RT: 12.61 min Scan# 956
Delta R.T. -0.05 min
Lab File: BF083468.D
Acq: 3 Dec 2015 19:18

Tgt Ion:202 Resp: 67875
Ion Ratio Lower Upper
202 100
101 16.0 0.0 34.5
203 17.9 0.0 38.7



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

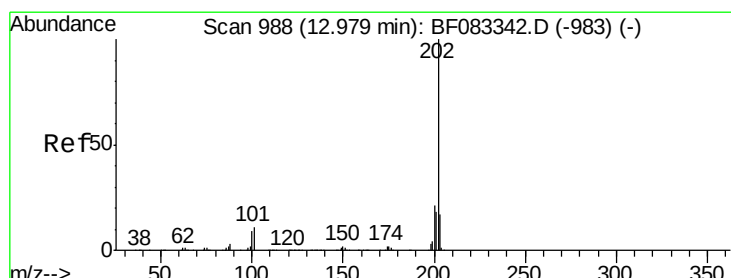
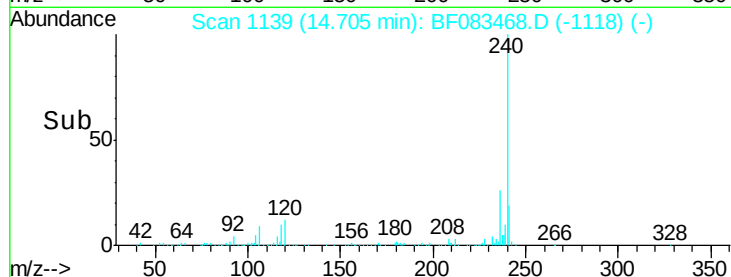
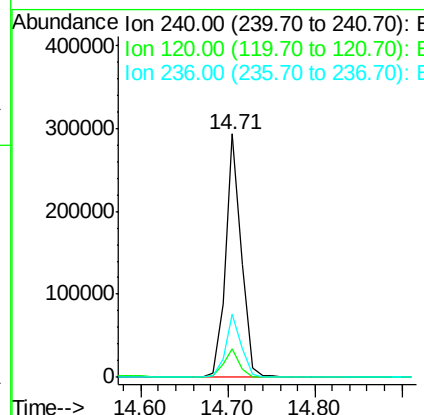
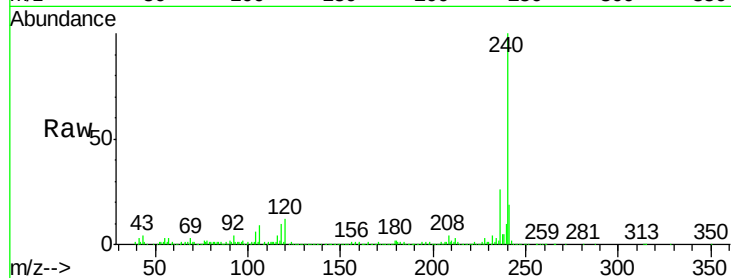




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.71 min Scan# 1139
Delta R.T. -0.06 min
Lab File: BF083468.D
Acq: 3 Dec 2015 19:18

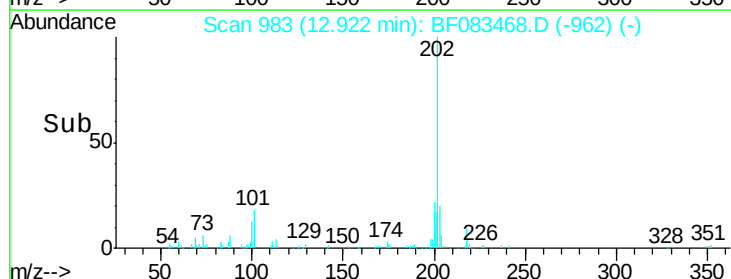
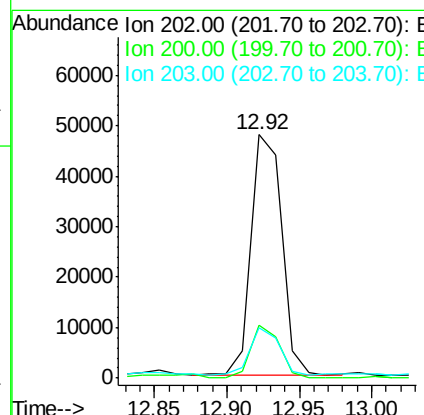
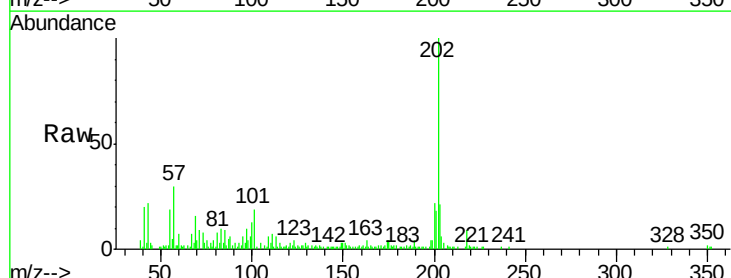
Instrument :
BNA_F
ClientSampleId :
K207-0-2

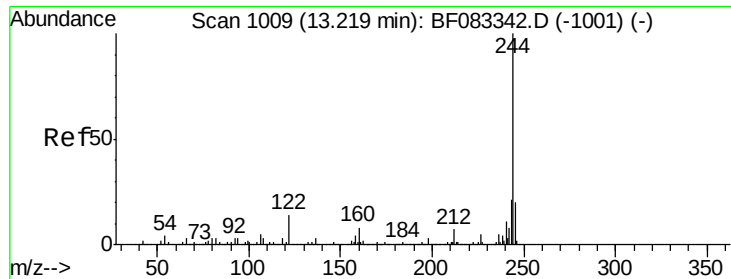
Tot Ion:240 Resp: 371515
Ion Ratio Lower Upper
240 100
120 11.9 6.9 10.3#
236 25.7 19.8 29.6



#77
Pyrene
Concen: 2.70 ng
RT: 12.92 min Scan# 983
Delta R.T. -0.06 min
Lab File: BF083468.D
Acq: 3 Dec 2015 19:18

Tgt Ion:202 Resp: 70162
Ion Ratio Lower Upper
202 100
200 22.0 16.9 25.3
203 20.9 13.9 20.9#





#78

Terphenyl-d14

Concen: 65.89 ng

RT: 13.19 min Scan# 1006

Delta R.T. -0.03 min

Lab File: BF083468.D

Acq: 3 Dec 2015 19:18

Instrument :

BNA_F

ClientSampleId :

K207-0-2

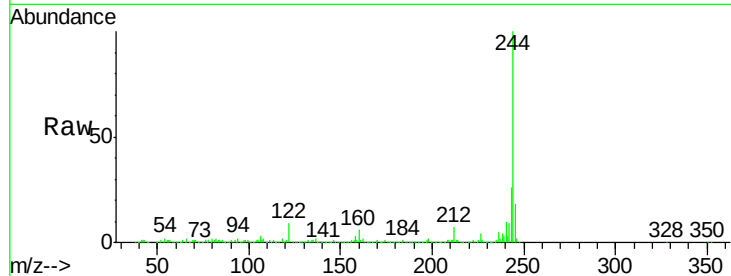
Tot Ion:244 Resp: 1026481

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

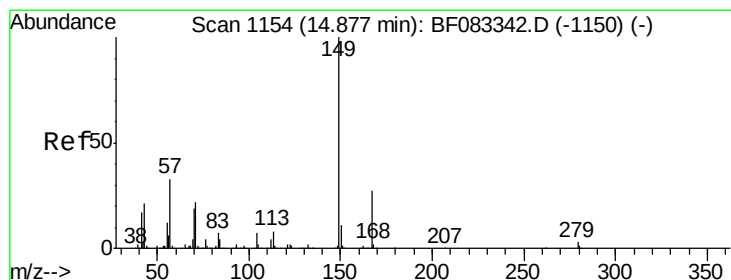
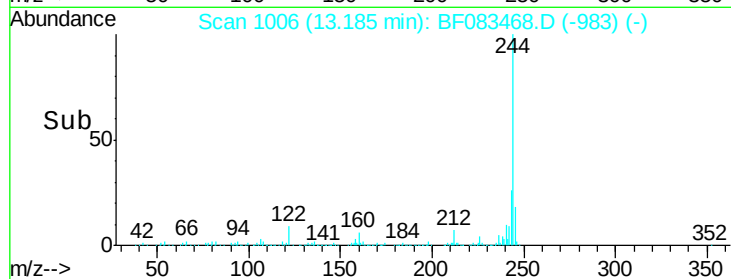
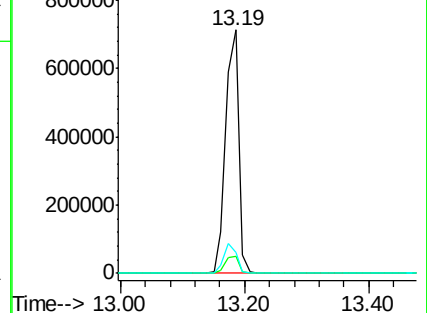
122 8.6 11.0 16.4#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.25 ng

RT: 14.83 min Scan# 1150

Delta R.T. -0.05 min

Lab File: BF083468.D

Acq: 3 Dec 2015 19:18

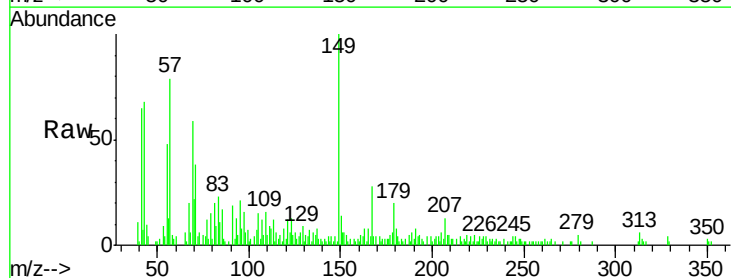
Tgt Ion:149 Resp: 33147

Ion Ratio Lower Upper

149 100

167 28.2 21.5 32.3

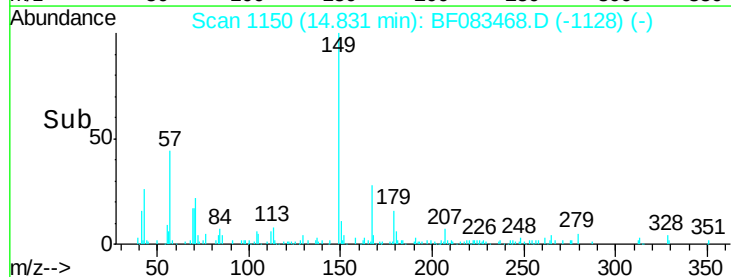
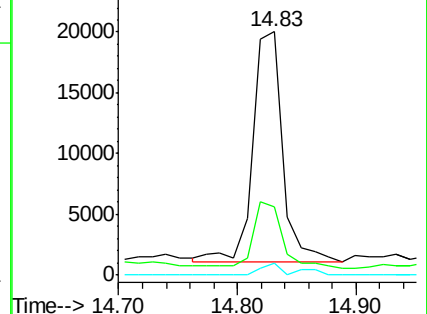
279 4.7 2.6 3.8#

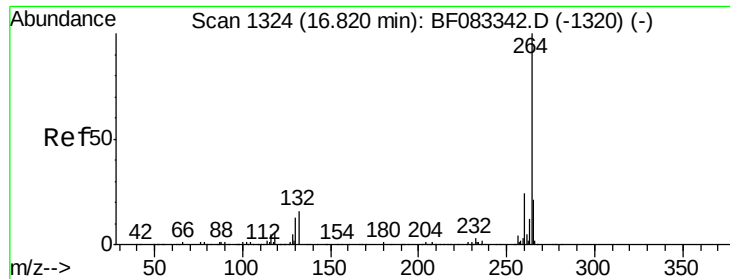


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 16.77 min Scan# 1320

Delta R.T. -0.05 min

Lab File: BF083468.D

Acq: 3 Dec 2015 19:18

Instrument :

BNA_F

ClientSampleId :

K207-0-2

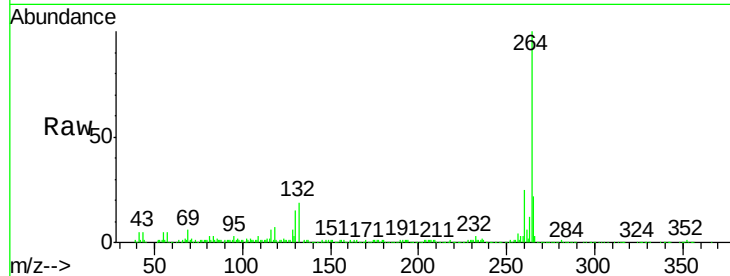
Tot Ion:264 Resp: 316563

Ion Ratio Lower Upper

264 100

260 24.6 19.0 28.4

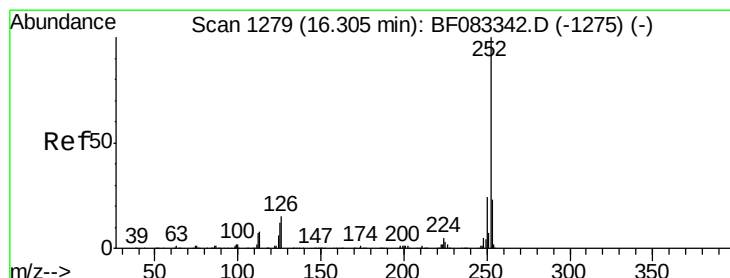
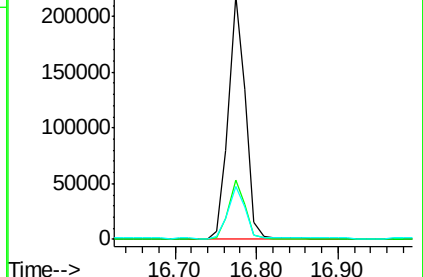
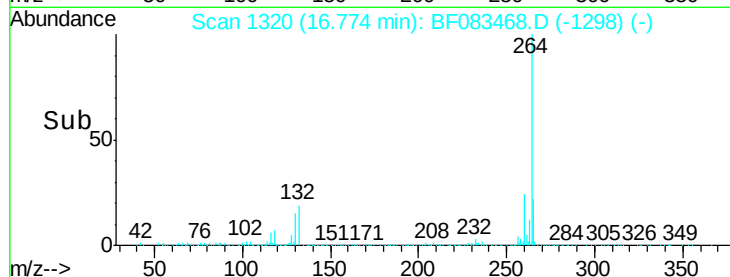
265 21.8 16.8 25.2



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: 2.32 ng m

RT: 16.26 min Scan# 1275

Delta R.T. -0.05 min

Lab File: BF083468.D

Acq: 3 Dec 2015 19:18

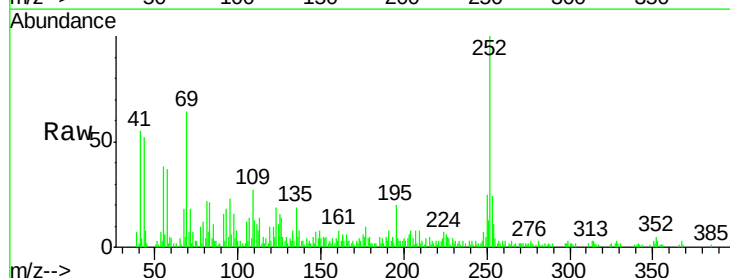
Tgt Ion:252 Resp: 47084

Ion Ratio Lower Upper

252 100

253 24.1 18.4 27.6

125 15.8 9.6 14.4#



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

