

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
 Data File : BF083931.D
 Acq On : 18 Dec 2015 23:39
 Operator : UM/SJ
 Sample : G4759-10RE
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K208-6-8RE

Quant Time: Dec 19 05:33:21 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 14:23:22 2015
 Response via : Initial Calibration

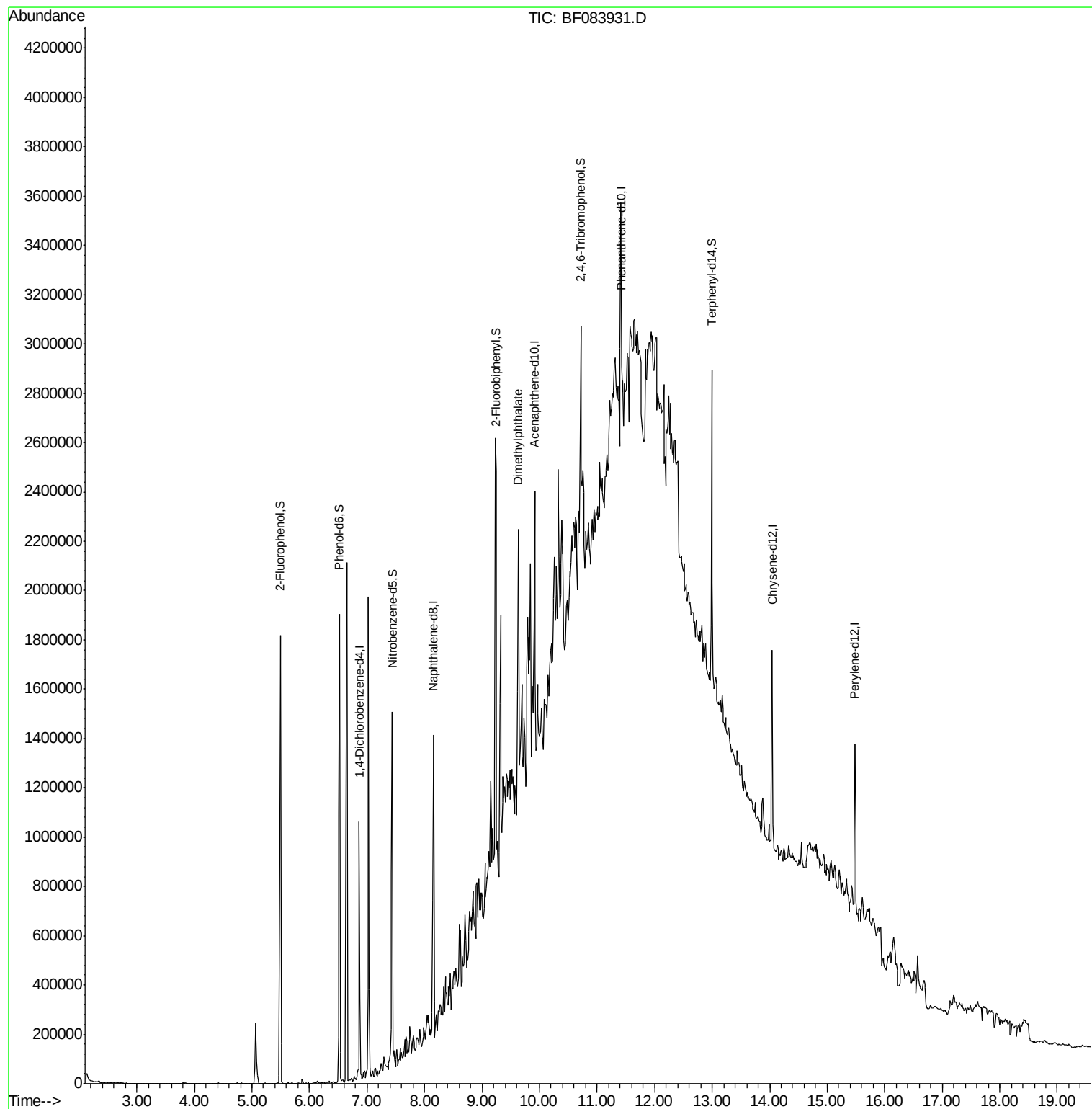
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	160361	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	559276	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	196947	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	330706	20.00	ng	0.02
75) Chrysene-d12	14.04	240	285228	20.00	ng	0.01
86) Perylene-d12	15.48	264	318882	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	557419	54.40	ng	0.01
7) Phenol-d6	6.52	99	803686	64.08	ng	0.01
23) Nitrobenzene-d5	7.44	82	566581	57.82	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	166147	76.58	ng	0.01
44) 2-Fluorobiphenyl	9.24	172	872721	59.31	ng	0.00
78) Terphenyl-d14	12.99	244	486590	36.29	ng	0.01
Target Compounds						
49) Dimethylphthalate	9.63	163	184719	11.18	ng	Qvalue # 94

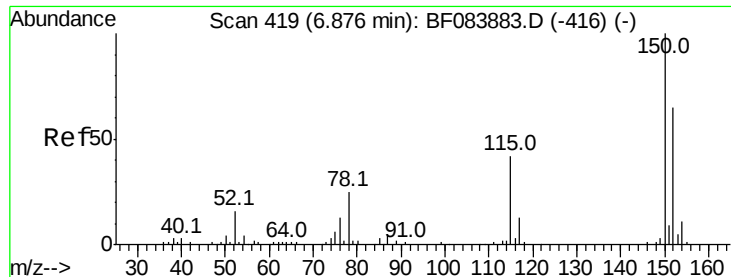
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF083931.D

Acq: 18 Dec 2015 23:39

Instrument :

BNA_F

ClientSampleId :

K208-6-8RE

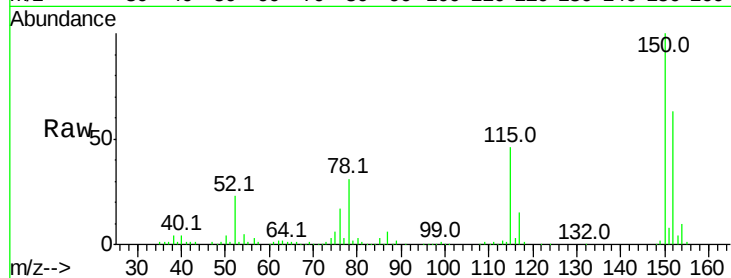
Tot Ion:152 Resp: 160361

Ion Ratio Lower Upper

152 100

150 158.5 123.0 184.4

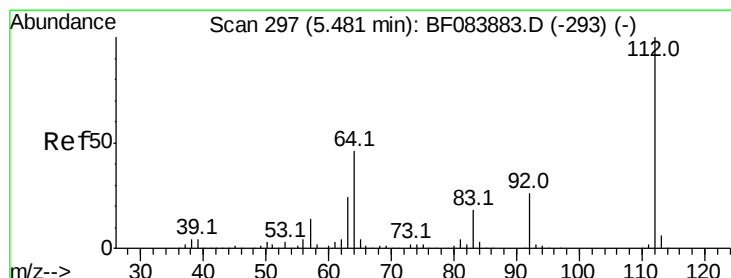
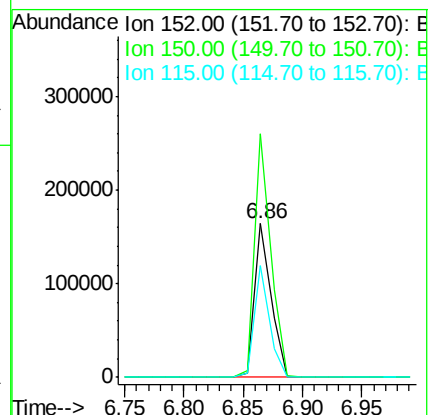
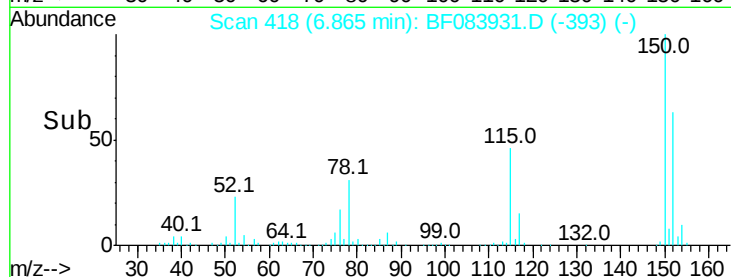
115 73.1 51.4 77.2



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: 54.40 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.01 min

Lab File: BF083931.D

Acq: 18 Dec 2015 23:39

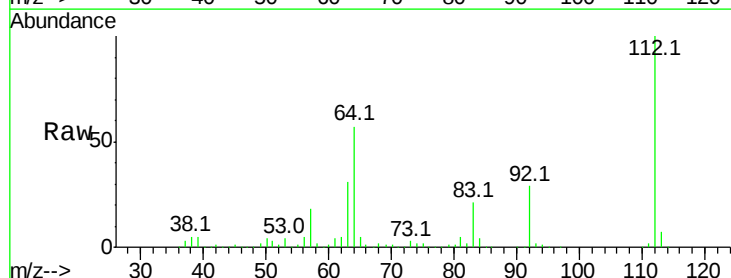
Tgt Ion:112 Resp: 557419

Ion Ratio Lower Upper

112 100

64 56.8 36.6 55.0#

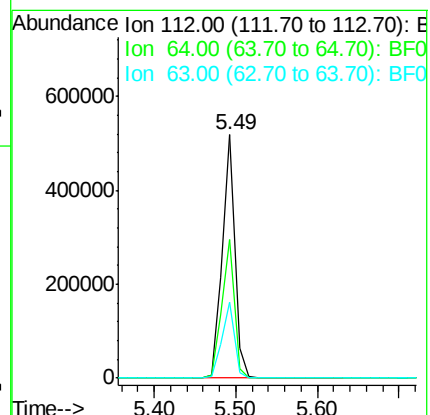
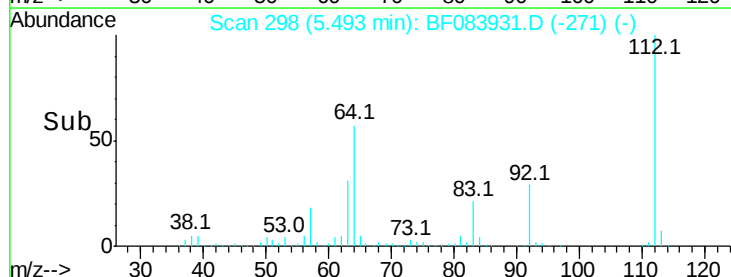
63 31.4 19.4 29.0#

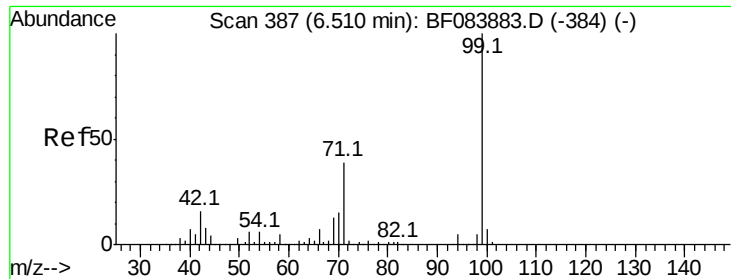


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 64.08 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF083931.D

Acq: 18 Dec 2015 23:39

Instrument :

BNA_F

ClientSampleId :

K208-6-8RE

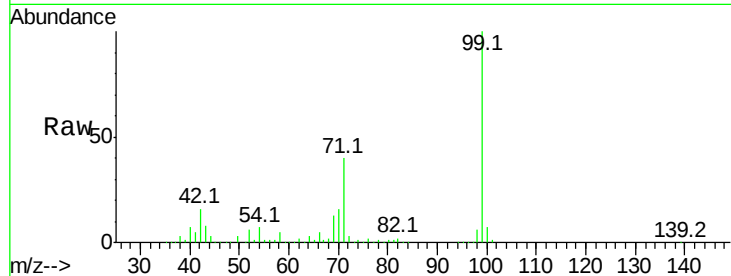
Tot Ion: 99 Resp: 803686

Ion Ratio Lower Upper

99 100

42 16.4 12.8 19.2

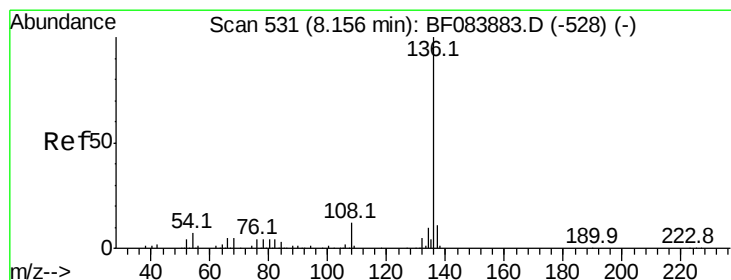
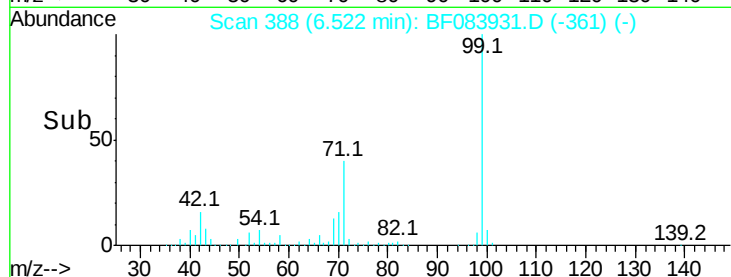
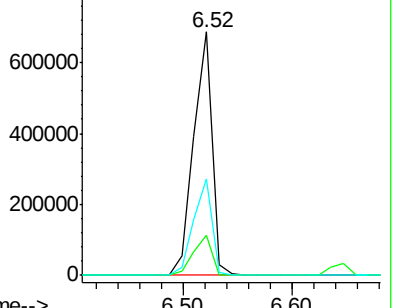
71 39.5 30.9 46.3



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: 8.16 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF083931.D

Acq: 18 Dec 2015 23:39

Tgt Ion: 136 Resp: 559276

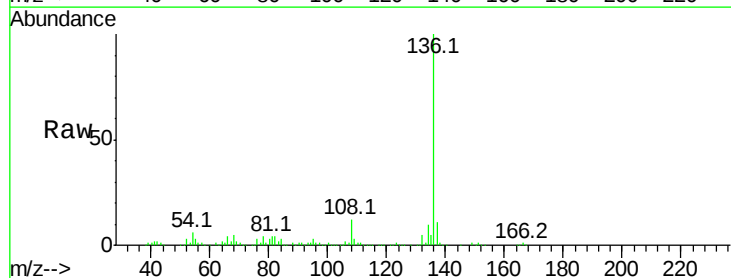
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 5.7 5.8 8.8#

68 4.7 4.2 6.2

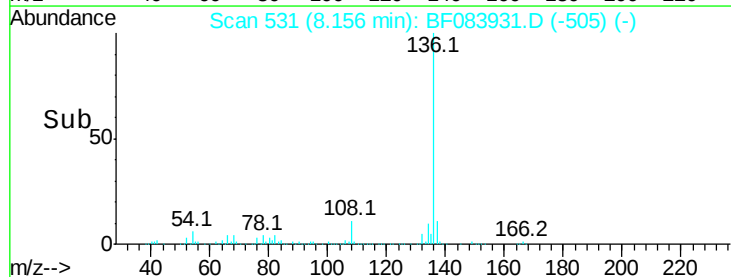
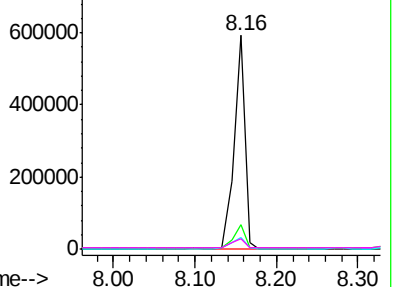


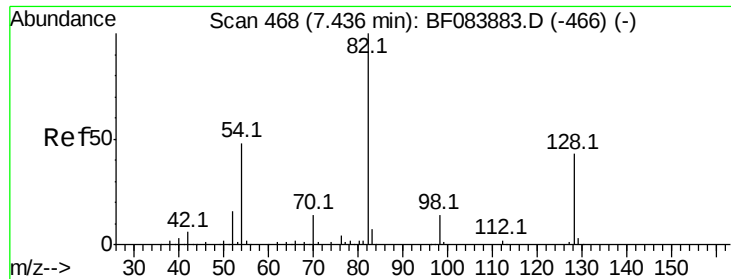
Abundance Ion 136.00 (135.70 to 136.70): E

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: 57.82 ng

RT: 7.44 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF083931.D

Acq: 18 Dec 2015 23:39

Instrument :

BNA_F

ClientSampleId :

K208-6-8RE

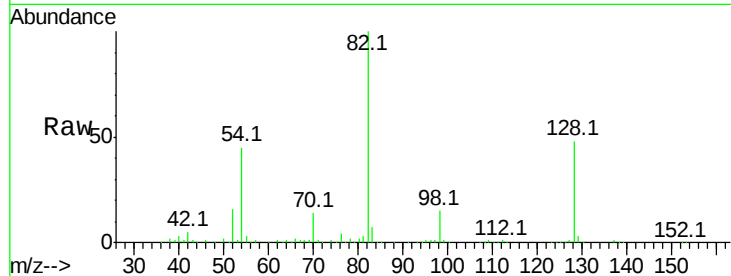
Tot Ion: 82 Resp: 566581

Ion Ratio Lower Upper

82 100

128 48.3 34.6 51.8

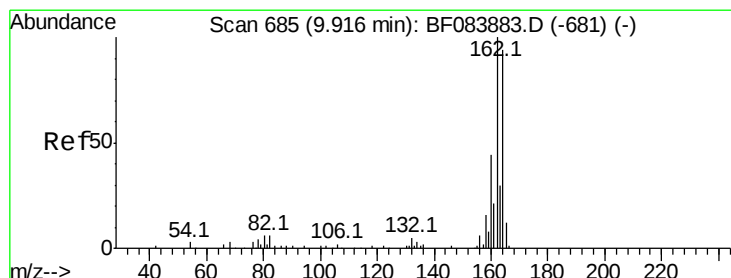
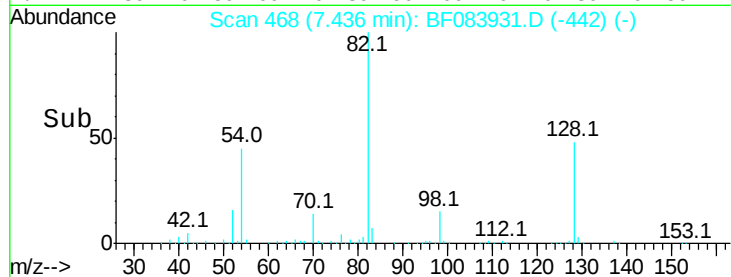
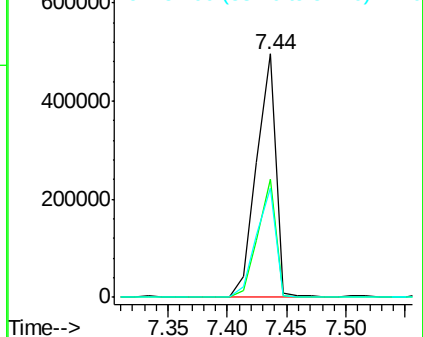
54 45.1 38.4 57.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF083931.D

Acq: 18 Dec 2015 23:39

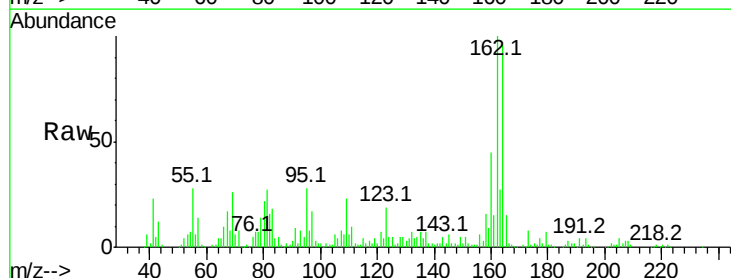
Tgt Ion:164 Resp: 196947

Ion Ratio Lower Upper

164 100

162 103.8 85.1 127.7

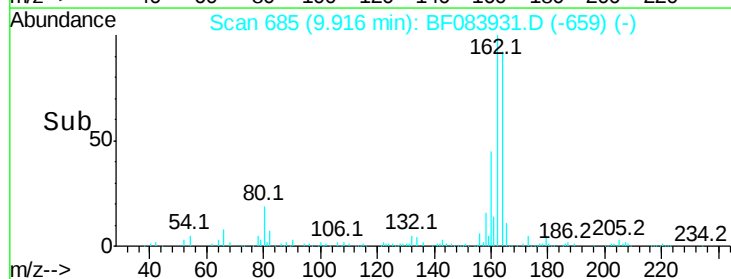
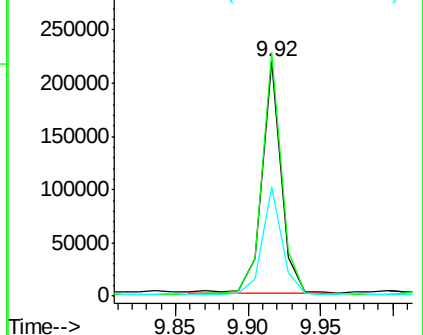
160 46.8 37.5 56.3

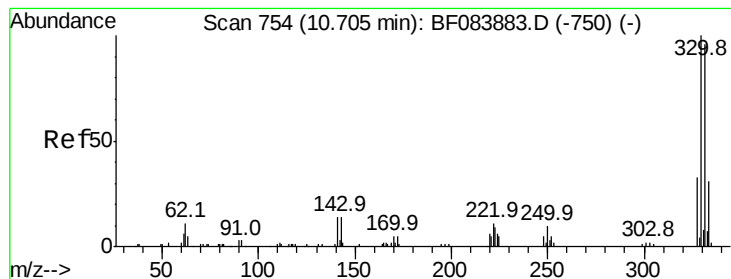


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 76.58 ng

RT: 10.72 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF083931.D

Acq: 18 Dec 2015 23:39

Instrument :

BNA_F

ClientSampleId :

K208-6-8RE

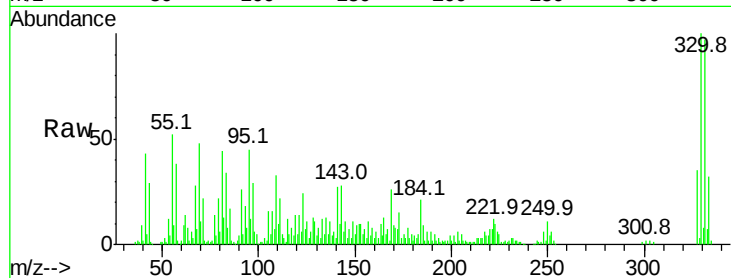
Tot Ion:330 Resp: 166147

Ion Ratio Lower Upper

330 100

332 96.2 76.6 114.8

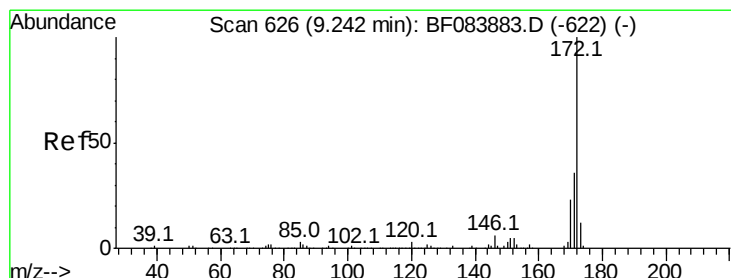
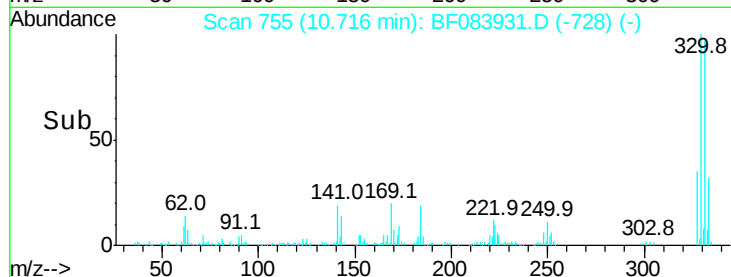
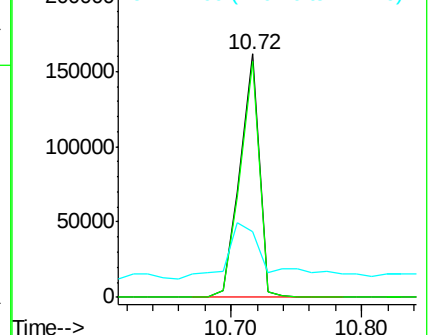
141 36.7 27.8 41.6



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



#44

2-Fluorobiphenyl

Concen: 59.31 ng

RT: 9.24 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF083931.D

Acq: 18 Dec 2015 23:39

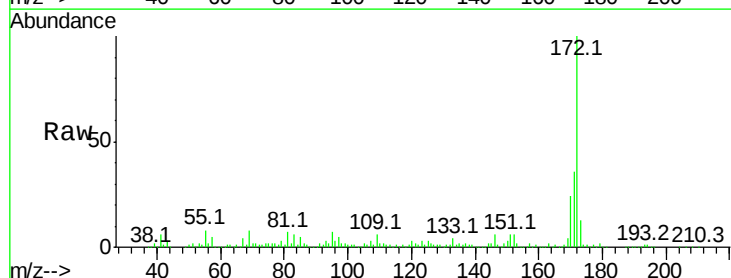
Tgt Ion:172 Resp: 872721

Ion Ratio Lower Upper

172 100

171 36.4 28.9 43.3

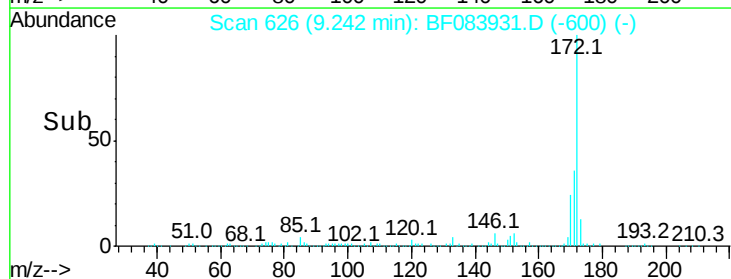
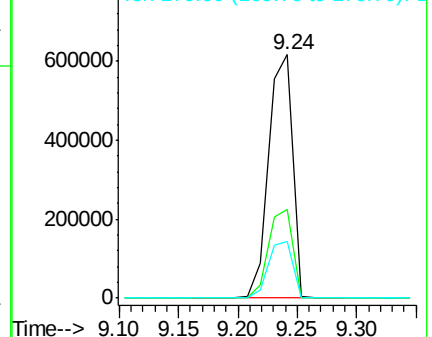
170 23.5 18.6 27.8

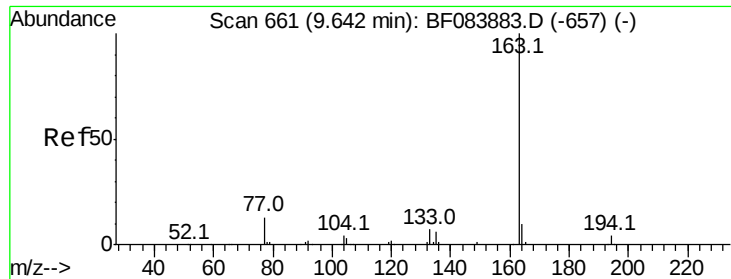


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

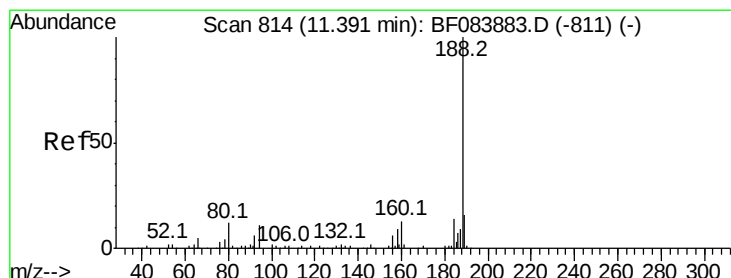
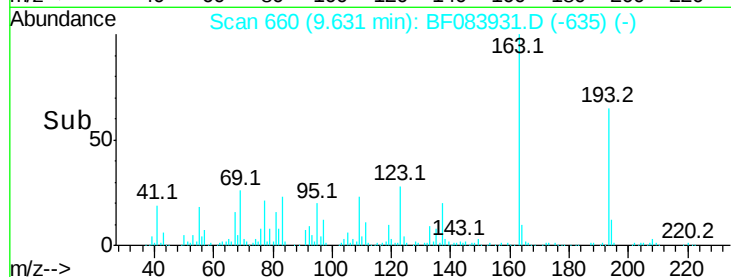
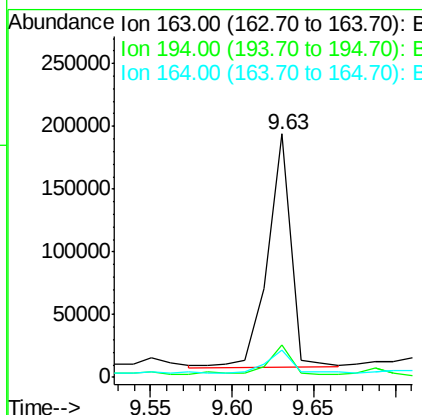
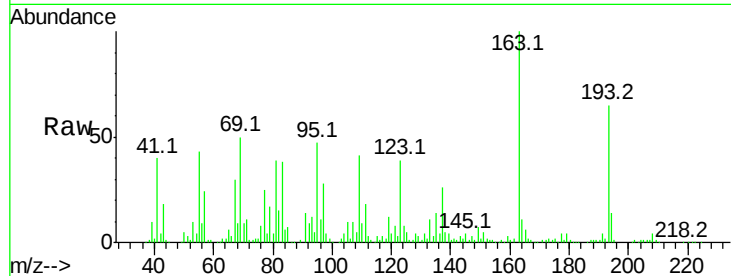




#49
Dimethylphthalate
Concen: 11.18 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF083931.D
Acq: 18 Dec 2015 23:39

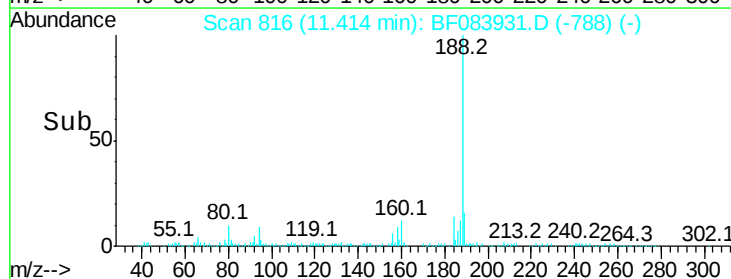
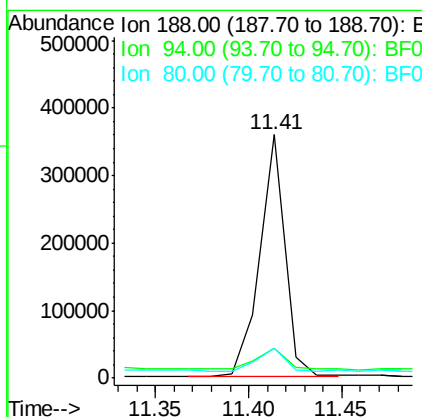
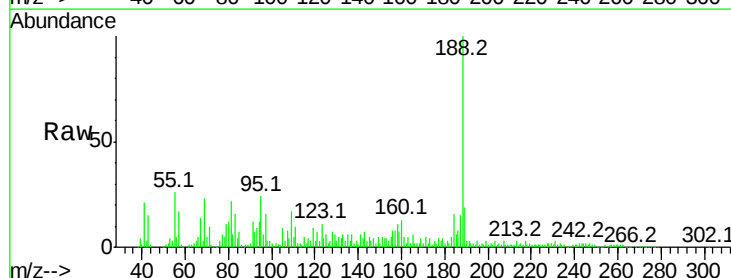
Instrument :
BNA_F
ClientSampled :
K208-6-8RE

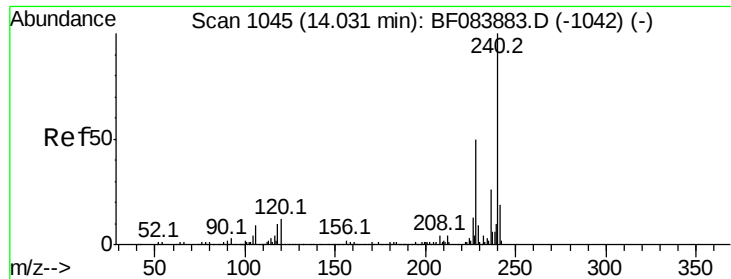
Tot Ion:163 Resp: 184719
Ion Ratio Lower Upper
163 100
194 13.6 8.0 12.0#
164 11.1 8.0 12.0



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. 0.02 min
Lab File: BF083931.D
Acq: 18 Dec 2015 23:39

Tgt Ion:188 Resp: 330706
Ion Ratio Lower Upper
188 100
94 12.2 9.0 13.4
80 12.2 9.6 14.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1046

Delta R.T. 0.01 min

Lab File: BF083931.D

Acq: 18 Dec 2015 23:39

Instrument :

BNA_F

ClientSampleId :

K208-6-8RE

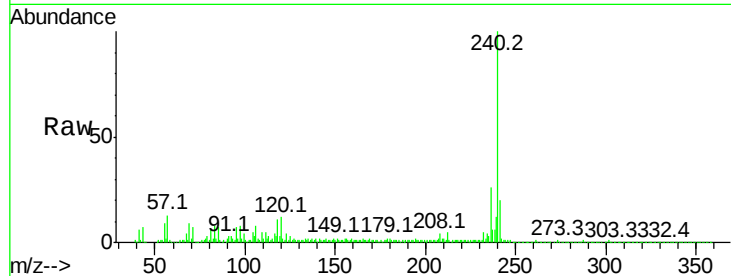
Tot Ion:240 Resp: 285228

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

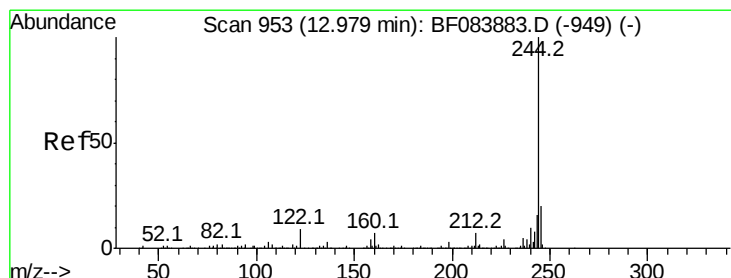
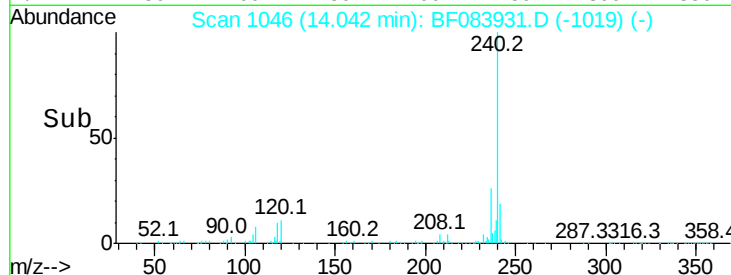
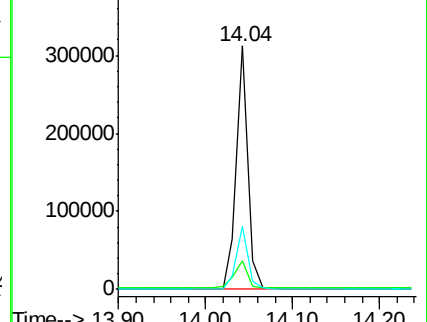
236 26.0 20.6 31.0



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: 36.29 ng

RT: 12.99 min Scan# 954

Delta R.T. 0.01 min

Lab File: BF083931.D

Acq: 18 Dec 2015 23:39

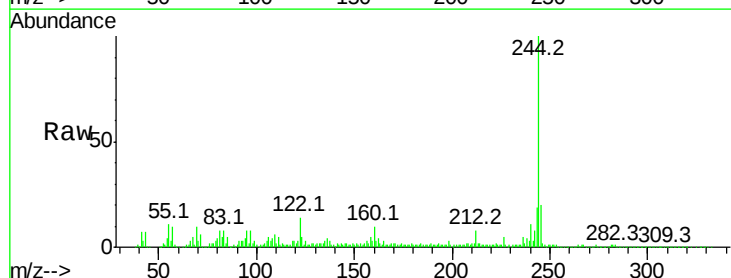
Tgt Ion:244 Resp: 486590

Ion Ratio Lower Upper

244 100

212 8.1 5.7 8.5

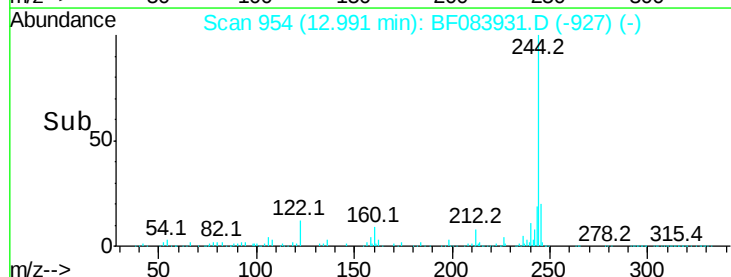
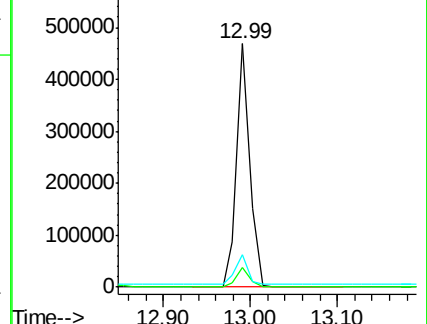
122 13.6 7.4 11.0#

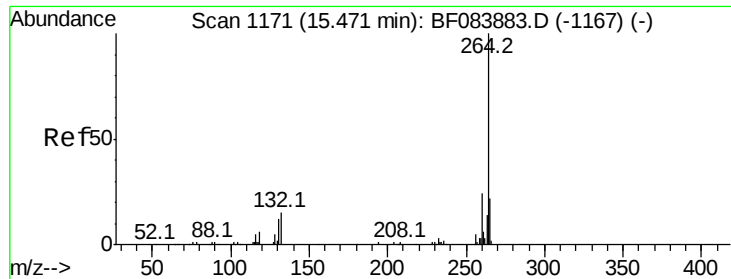


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

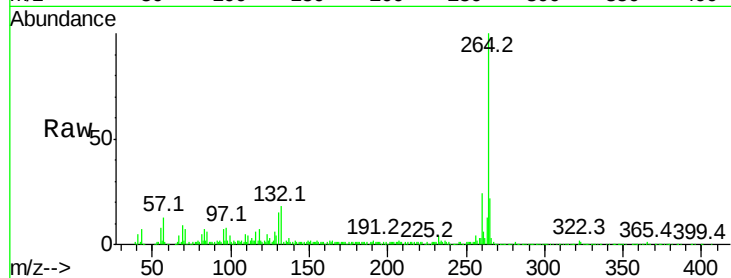




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BF083931.D
Acq: 18 Dec 2015 23:39

Instrument :
BNA_F
ClientSampleId :
K208-6-8RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	22.0	17.8	26.6



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

