

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021416\
 Data File : BF085071.D
 Acq On : 13 Feb 2016 7:20
 Operator : SJ/IZ
 Sample : H1409-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B004(16-18)

Quant Time: Feb 15 01:26:46 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 13 00:11:18 2016
 Response via : Initial Calibration

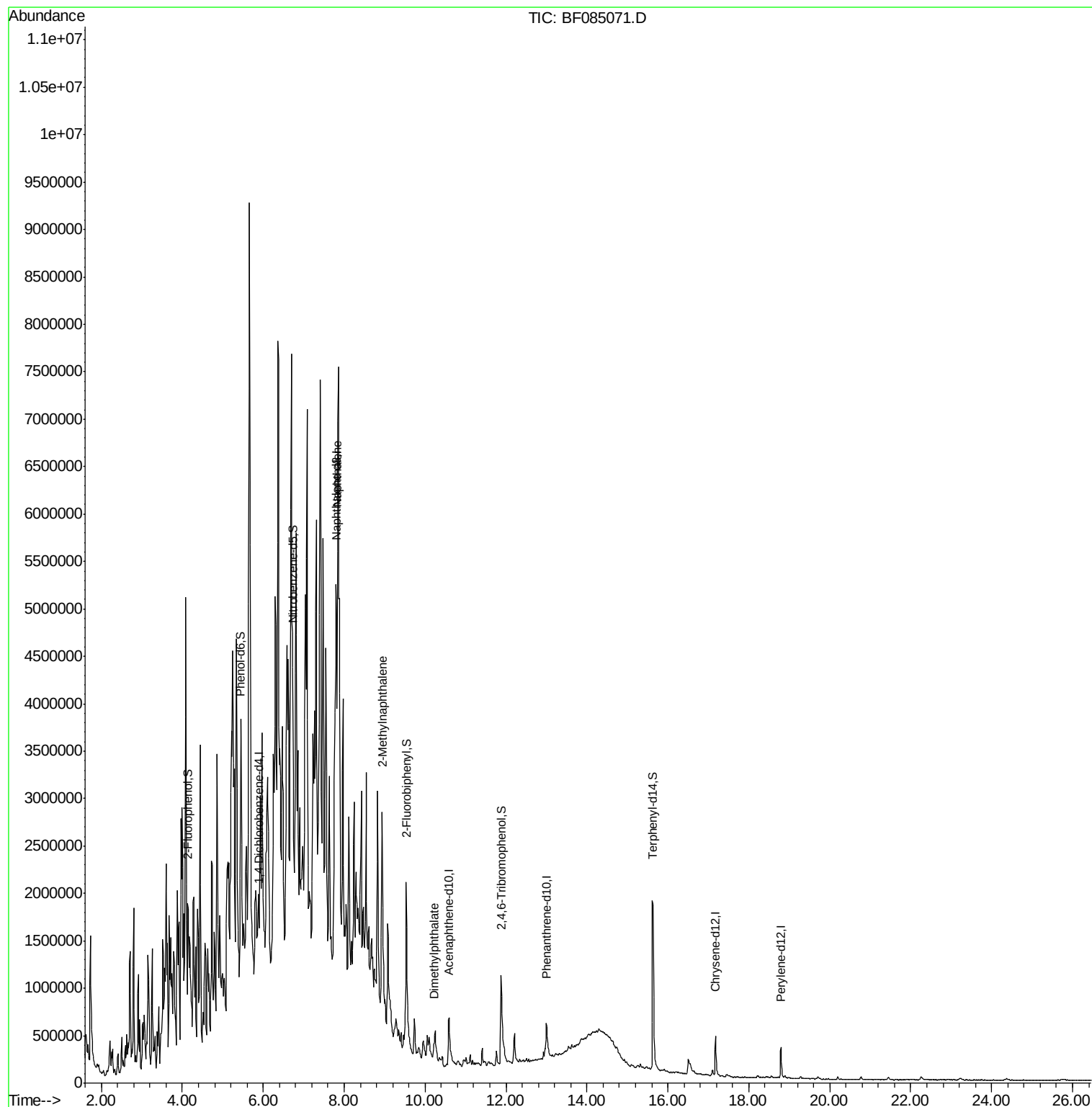
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.90	152	115578	20.00	ng	0.01
21) Naphthalene-d8	7.80	136	455495	20.00	ng	0.01
38) Acenaphthene-d10	10.58	164	260750	20.00	ng	0.00
63) Phenanthrene-d10	12.99	188	477364	20.00	ng	0.00
75) Chrysene-d12	17.18	240	309345	20.00	ng	0.00
86) Perylene-d12	18.80	264	247788	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.14	112	1111757	168.20	ng	-0.02
7) Phenol-d6	5.44	99	1386504	157.39	ng	0.00
23) Nitrobenzene-d5	6.73	82	974575	126.35	ng	0.01
41) 2,4,6-Tribromophenol	11.88	330	415839	154.40	ng	0.00
44) 2-Fluorobiphenyl	9.53	172	1614587	88.51	ng	0.00
78) Terphenyl-d14	15.63	244	1319922	87.82	ng	0.01
Target Compounds						
31) Naphthalene	7.84	128	2025053	91.70	ng	# 86
37) 2-Methylnaphthalene	8.94	142	1642860	116.61	ng	97
49) Dimethylphthalate	10.22	163	286640	14.66	ng	# 97

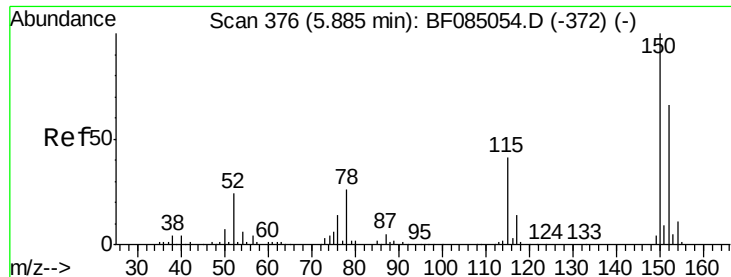
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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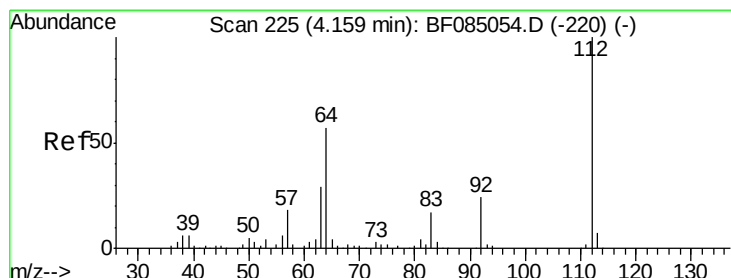
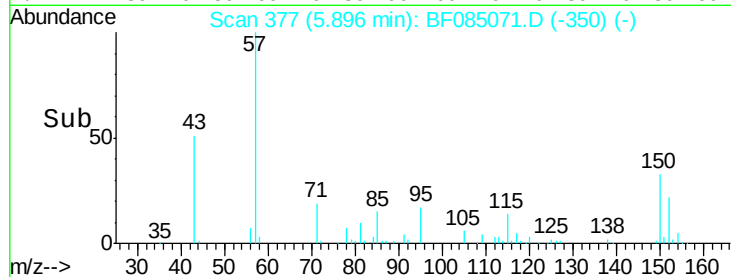
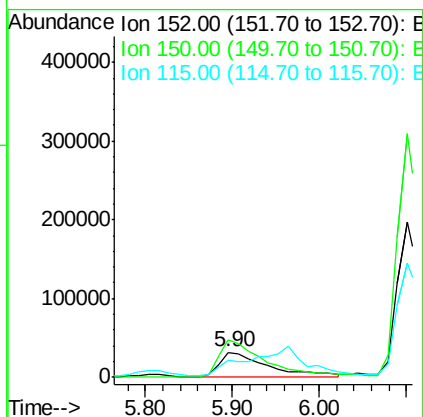
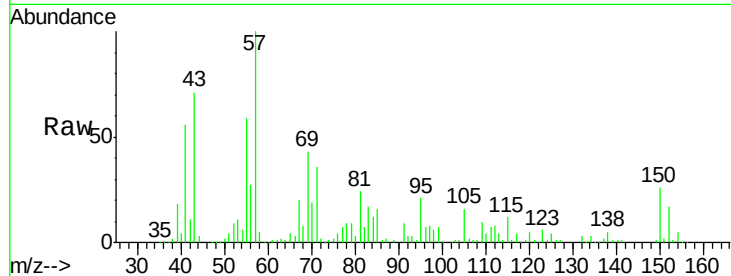


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.90 min Scan# 377
Delta R.T. 0.01 min
Lab File: BF085071.D
Acq: 13 Feb 2016 7:20

Instrument :
BNA_F
ClientSampleId :
SUP-B004(16-18)

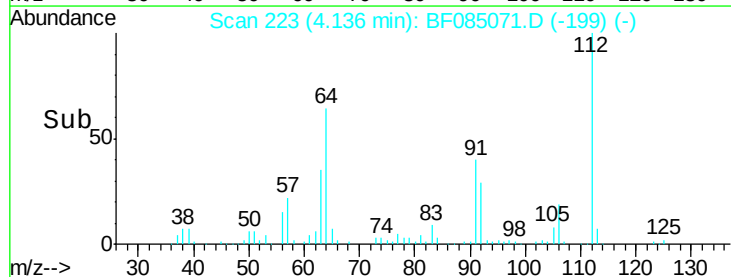
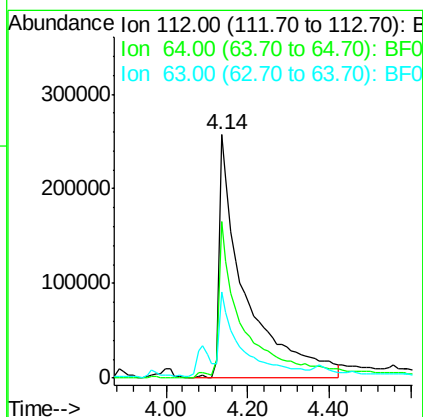
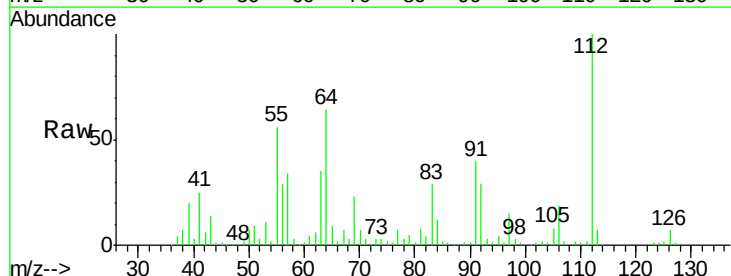
Tot Ion:152 Resp: 115578
Ion Ratio Lower Upper
152 100
150 151.2 127.4 191.2
115 68.3 50.5 75.7

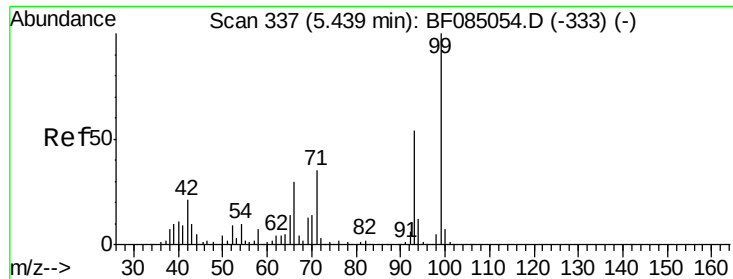


#5

2-Fluorophenol
Concen: 168.20 ng
RT: 4.14 min Scan# 223
Delta R.T. -0.02 min
Lab File: BF085071.D
Acq: 13 Feb 2016 7:20

Tgt Ion:112 Resp: 1111757
Ion Ratio Lower Upper
112 100
64 64.1 45.4 68.2
63 35.3 23.2 34.8#





#7

Phenol-d6

Concen: 157.39 ng

RT: 5.44 min Scan# 337

Delta R.T. -0.00 min

Lab File: BF085071.D

Acq: 13 Feb 2016 7:20

Instrument :

BNA_F

ClientSampleId :

SUP-B004(16-18)

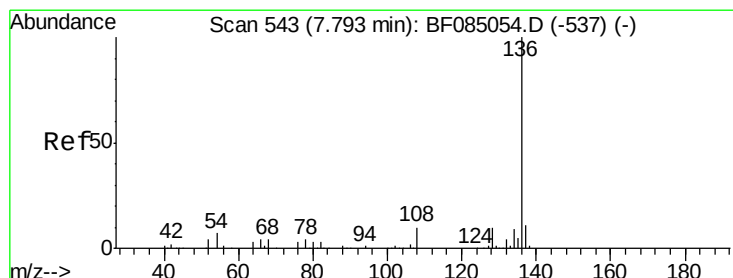
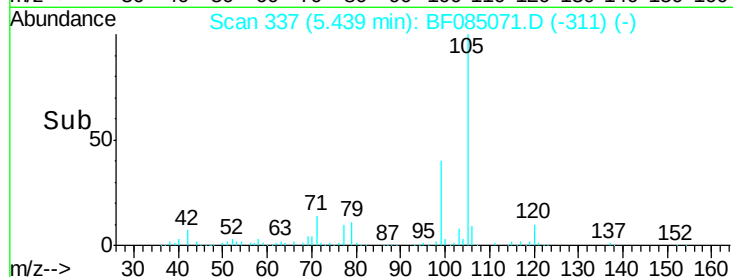
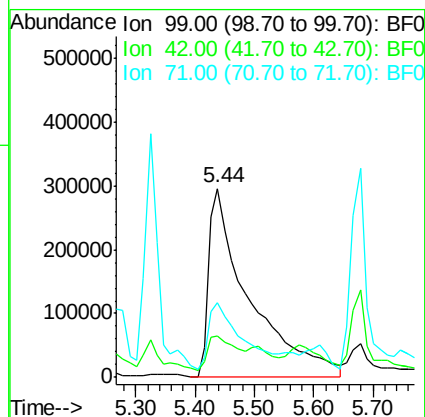
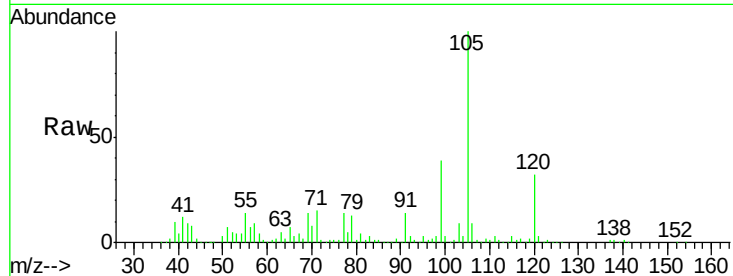
Tot Ion: 99 Resp: 1386504

Ion Ratio Lower Upper

99 100

42 22.2 17.0 25.4

71 39.3 28.3 42.5



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.80 min Scan# 544

Delta R.T. 0.01 min

Lab File: BF085071.D

Acq: 13 Feb 2016 7:20

Tgt Ion:136 Resp: 455495

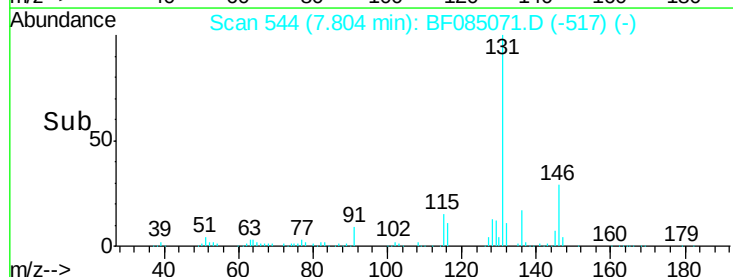
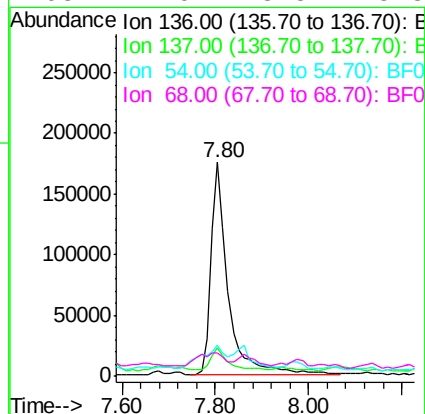
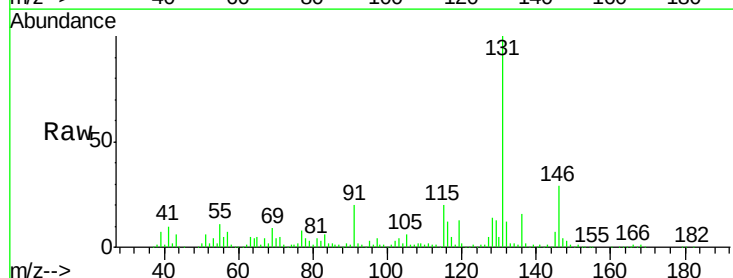
Ion Ratio Lower Upper

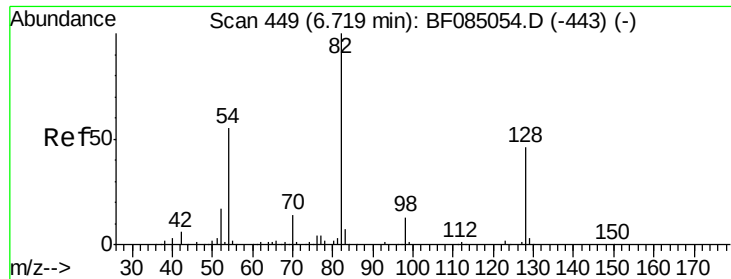
136 100

137 13.1 8.9 13.3

54 14.3 6.1 9.1#

68 11.0 3.5 5.3#

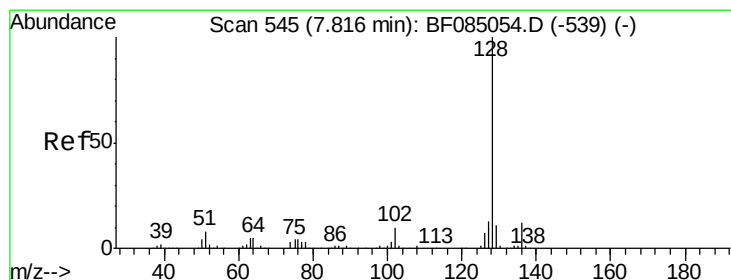
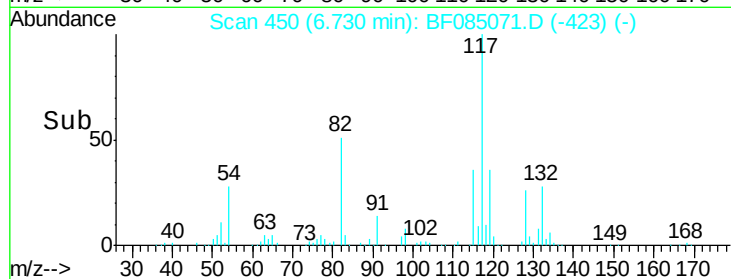
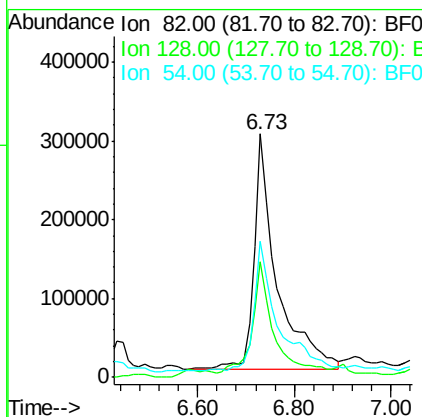
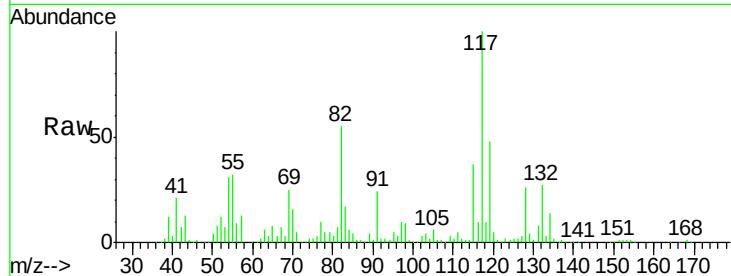




#23
Nitrobenzene-d5
Concen: 126.35 ng
RT: 6.73 min Scan# 450
Delta R.T. 0.01 min
Lab File: BF085071.D
Acq: 13 Feb 2016 7:20

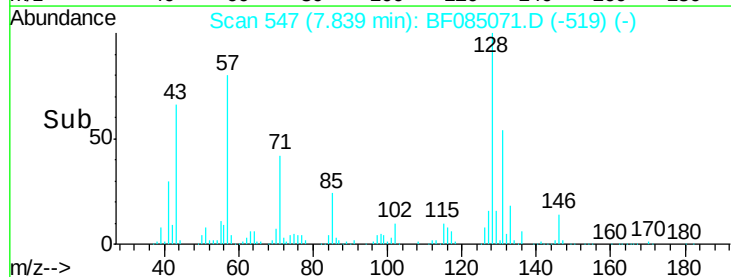
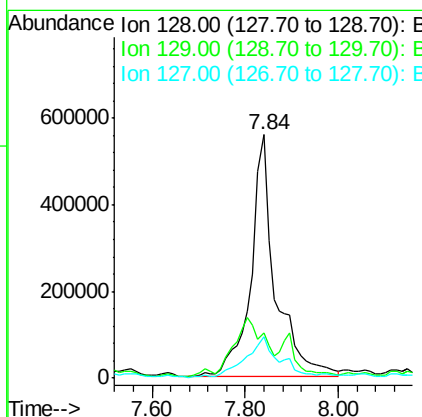
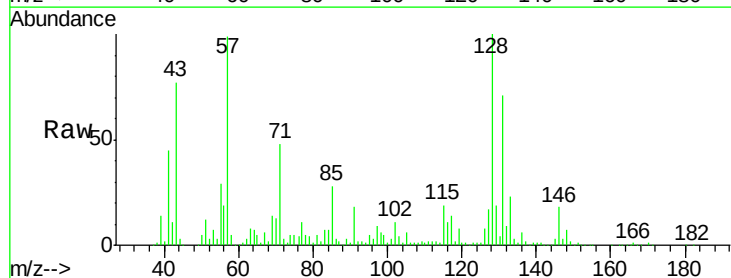
Instrument :
BNA_F
ClientSampleId :
SUP-B004(16-18)

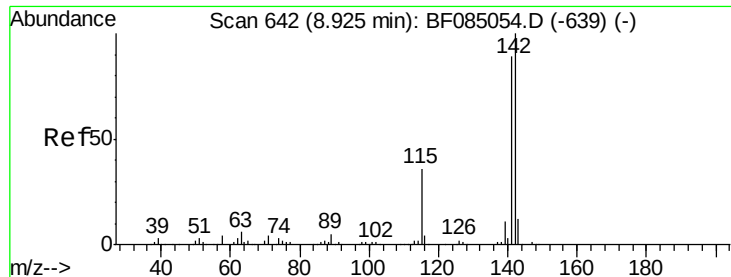
Tot Ion	82	Resp	974575
Ion Ratio	100	Lower	Upper
128	47.5	36.8	55.2
54	55.8	44.4	66.6



#31
Naphthalene
Concen: 91.70 ng
RT: 7.84 min Scan# 547
Delta R.T. 0.02 min
Lab File: BF085071.D
Acq: 13 Feb 2016 7:20

Tgt Ion	128	Resp	2025053
Ion Ratio	100	Lower	Upper
129	18.8	9.2	13.8#
127	16.8	10.3	15.5#

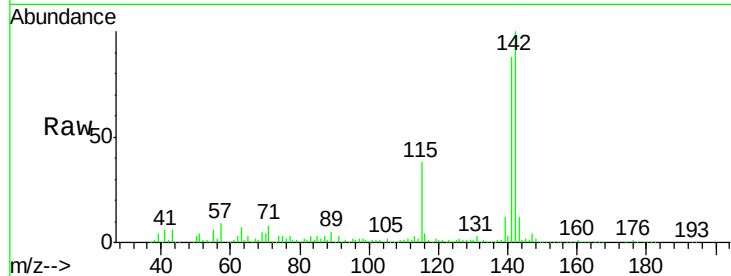




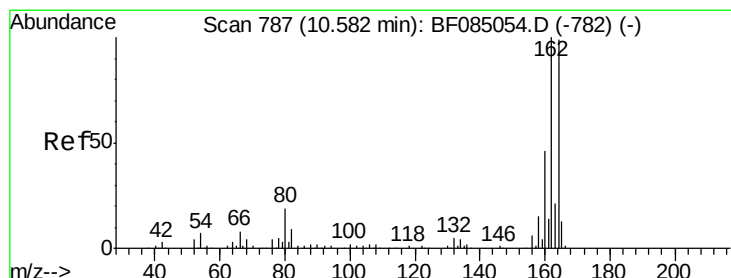
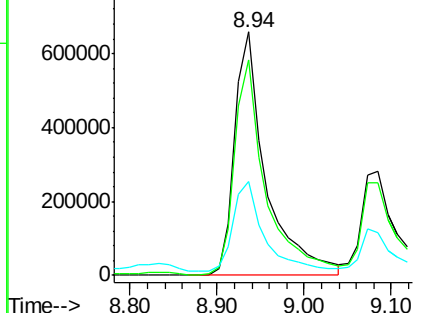
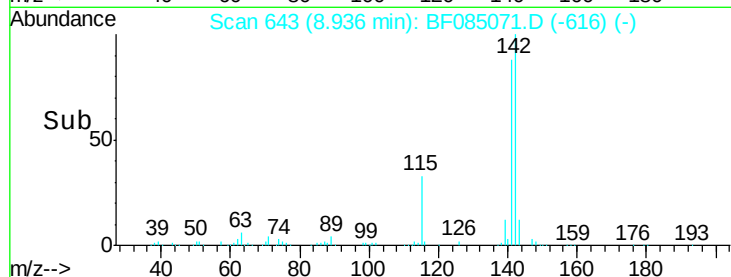
#37
2-Methylnaphthalene
Concen: 116.61 ng
RT: 8.94 min Scan# 643
Delta R.T. 0.01 min
Lab File: BF085071.D
Acq: 13 Feb 2016 7:20

Instrument :
BNA_F
ClientSampleId :
SUP-B004(16-18)

Tot Ion:142 Resp: 1642860
Ion Ratio Lower Upper
142 100
141 88.2 69.6 104.4
115 38.4 27.9 41.9

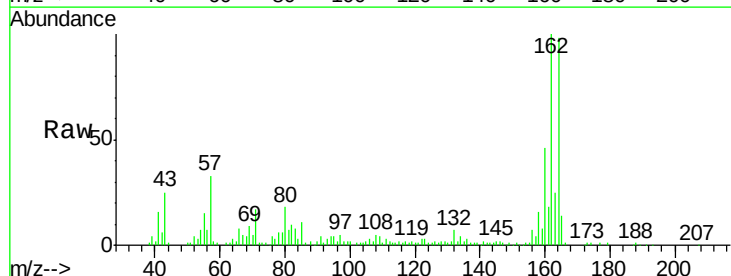


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

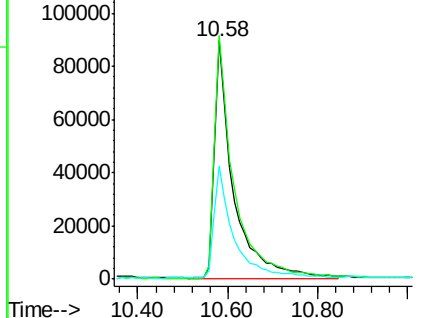
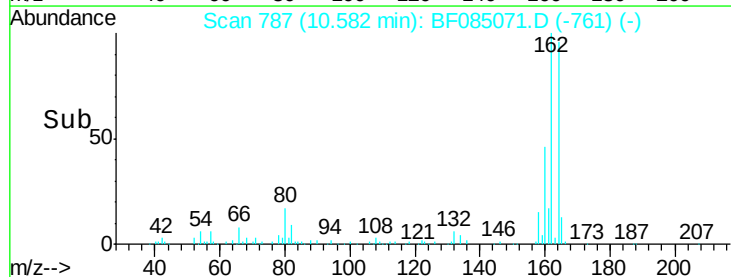


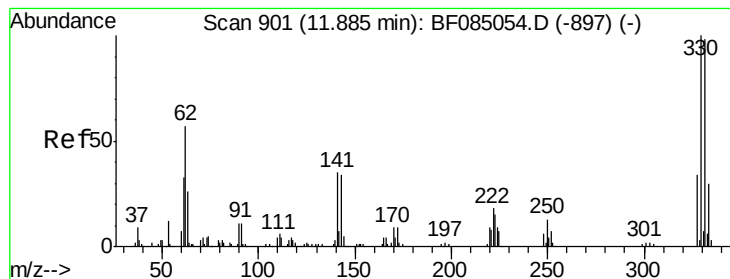
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.58 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF085071.D
Acq: 13 Feb 2016 7:20

Tgt Ion:164 Resp: 260750
Ion Ratio Lower Upper
164 100
162 102.3 81.1 121.7
160 47.2 37.4 56.0



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

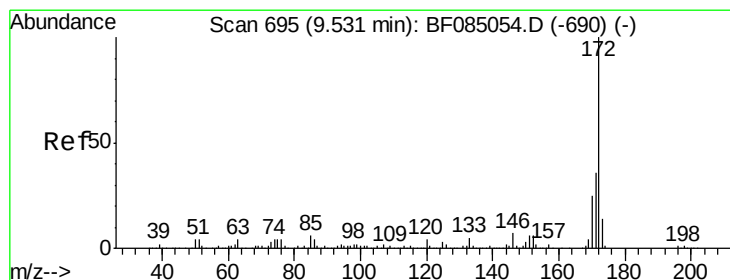
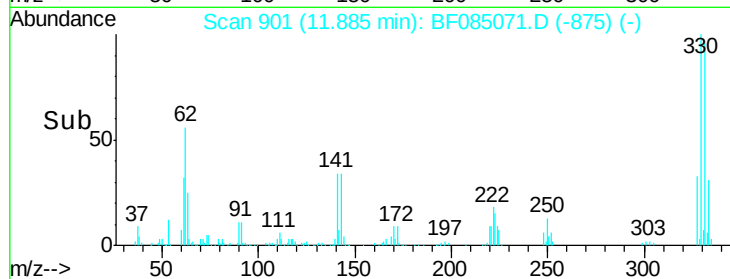
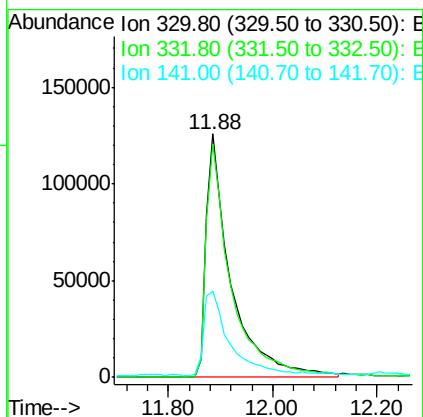
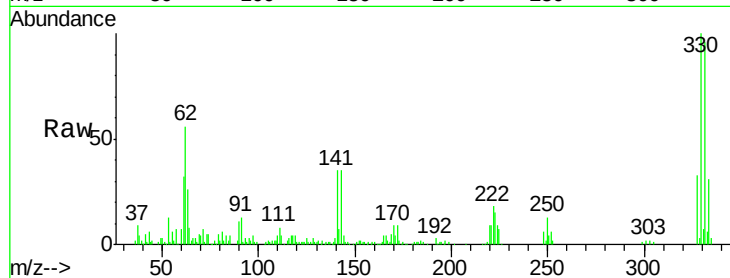




#41
 2,4,6-Tribromophenol
 Concen: 154.40 ng
 RT: 11.88 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF085071.D
 Acq: 13 Feb 2016 7:20

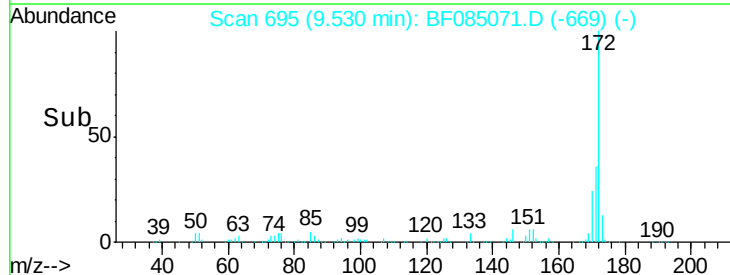
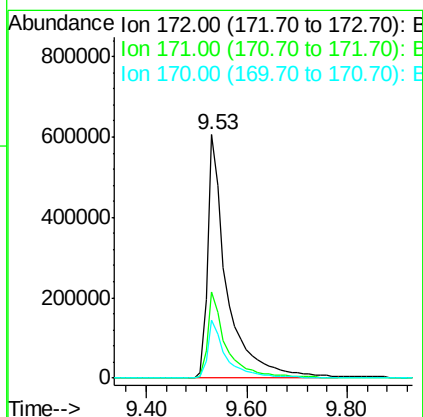
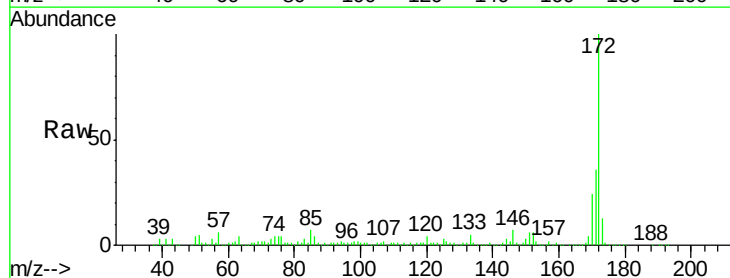
Instrument :
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 ClientSampleId :
 SUP-B004(16-18)

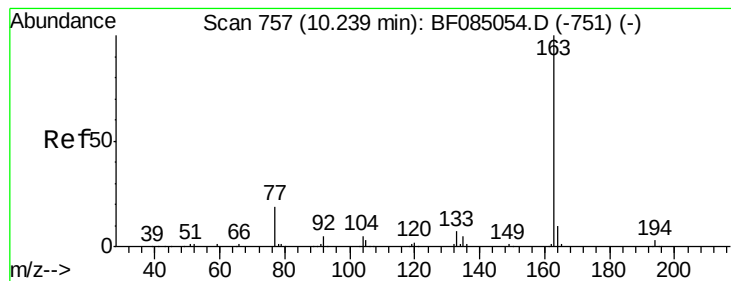
Tot Ion:330 Resp: 415839
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.5 117.7
 141 36.2 28.6 42.8



#44
 2-Fluorobiphenyl
 Concen: 88.51 ng
 RT: 9.53 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF085071.D
 Acq: 13 Feb 2016 7:20

Tgt Ion:172 Resp: 1614587
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.1 43.7
 170 23.7 19.6 29.4





#49

Dimethylphthalate

Concen: 14.66 ng

RT: 10.22 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF085071.D

Acq: 13 Feb 2016 7:20

Instrument :

BNA_F

ClientSampleId :

SUP-B004(16-18)

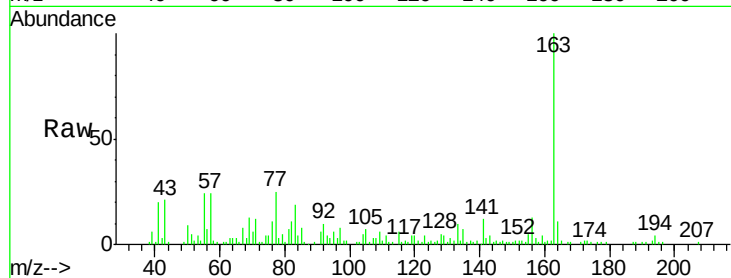
Tot Ion:163 Resp: 286640

Ion Ratio Lower Upper

163 100

194 3.9 2.5 3.7#

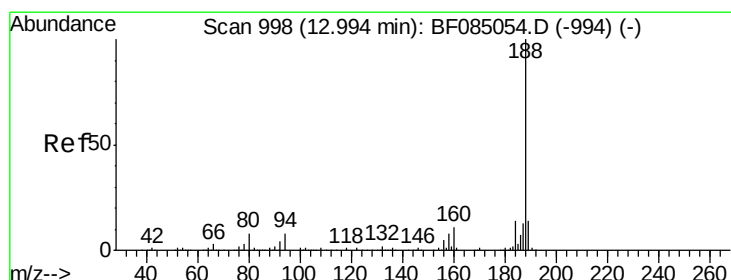
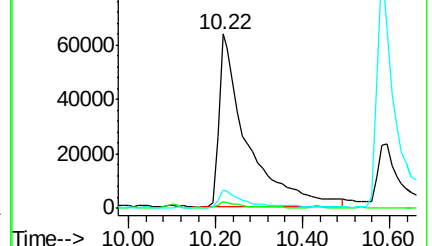
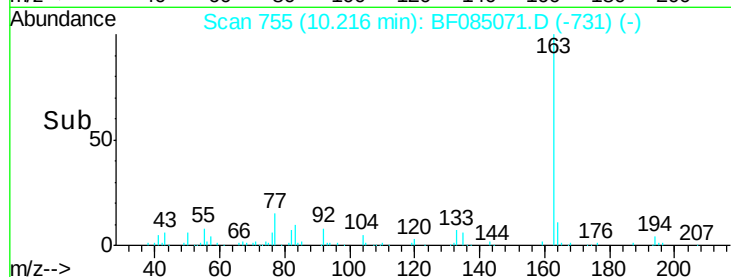
164 10.7 7.8 11.8



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.99 min Scan# 998

Delta R.T. -0.00 min

Lab File: BF085071.D

Acq: 13 Feb 2016 7:20

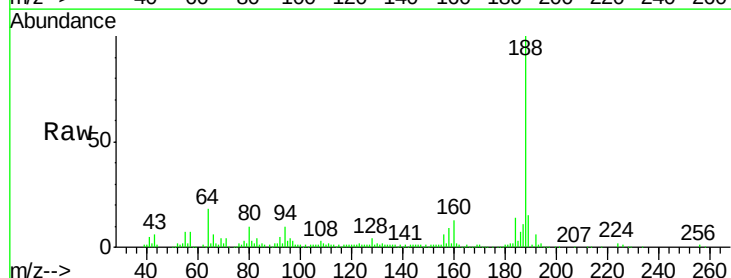
Tgt Ion:188 Resp: 477364

Ion Ratio Lower Upper

188 100

94 9.6 6.2 9.2#

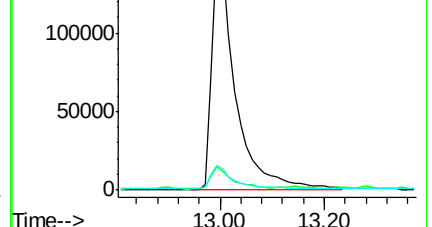
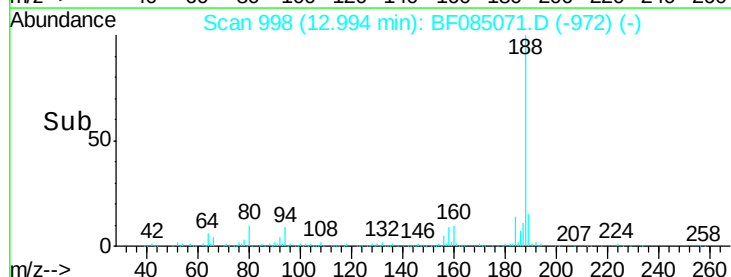
80 10.2 6.6 9.8#

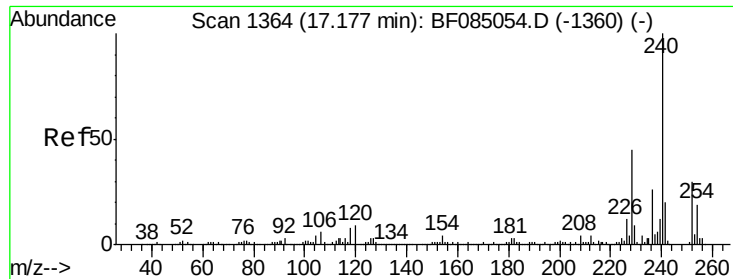


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

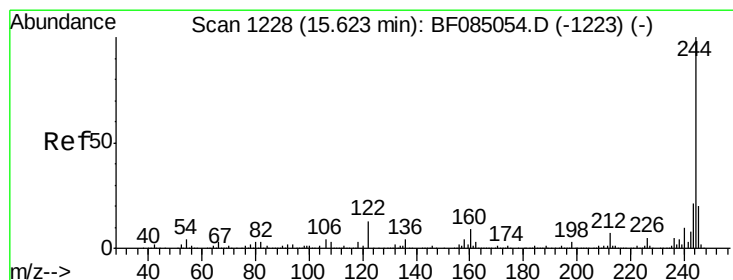
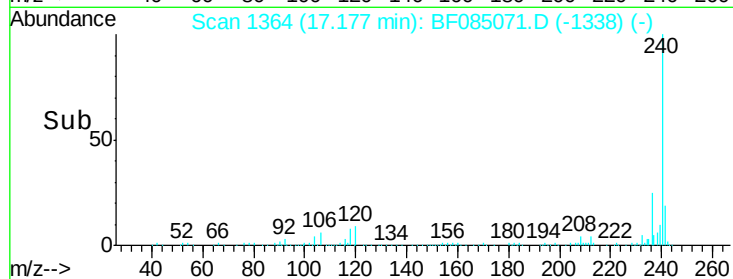
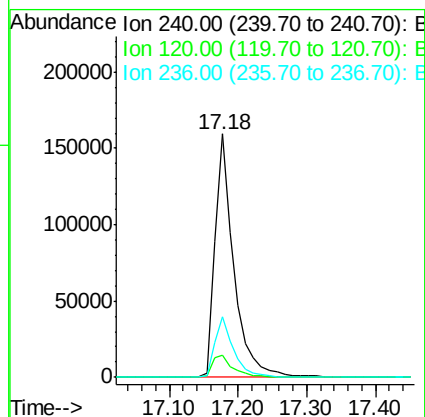
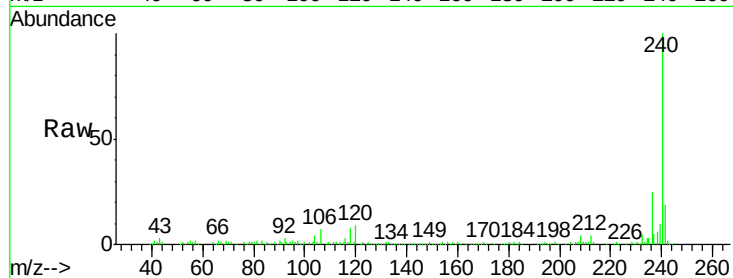




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 17.18 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: BF085071.D
 Acq: 13 Feb 2016 7:20

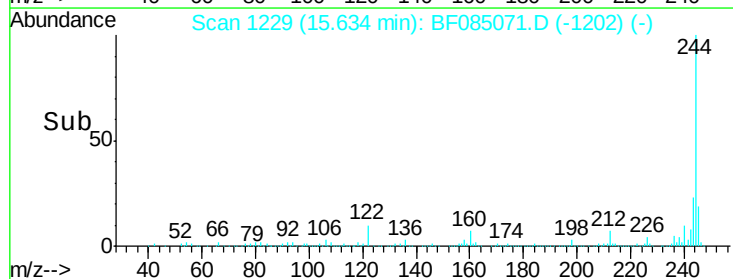
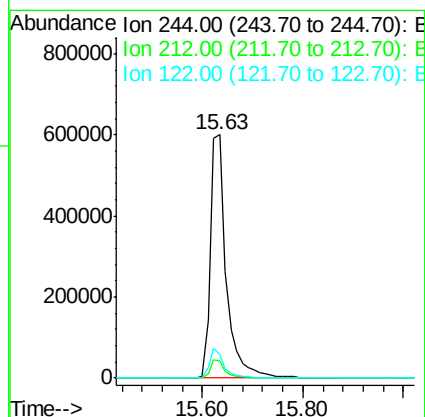
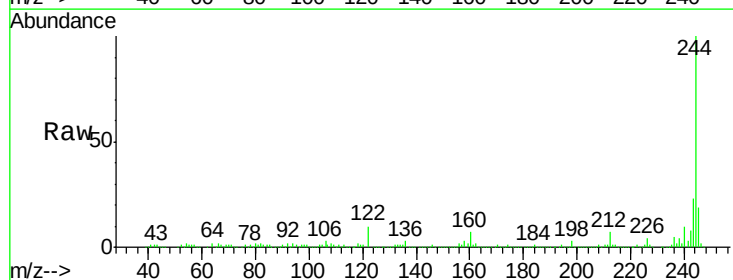
Instrument :
 BNA_F
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 SUP-B004(16-18)

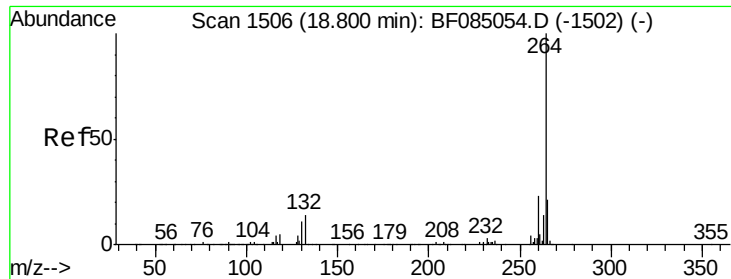
Tot Ion:240 Resp: 309345
 Ion Ratio Lower Upper
 240 100
 120 9.2 7.0 10.6
 236 25.0 20.5 30.7



#78
 Terphenyl-d14
 Concen: 87.82 ng
 RT: 15.63 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: BF085071.D
 Acq: 13 Feb 2016 7:20

Tgt Ion:244 Resp: 1319922
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.6 10.1 15.1#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 18.80 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF085071.D
Acq: 13 Feb 2016 7:20

Instrument :
BNA_F
ClientSampleId :
SUP-B004(16-18)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.5	27.7
265	22.2	16.7	25.1

