

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082316\
 Data File : BF089830.D
 Acq On : 23 Aug 2016 13:12
 Operator : UM/SJ
 Sample : H4547-07
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-5(3-3.5)

Quant Time: Aug 25 13:37:23 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

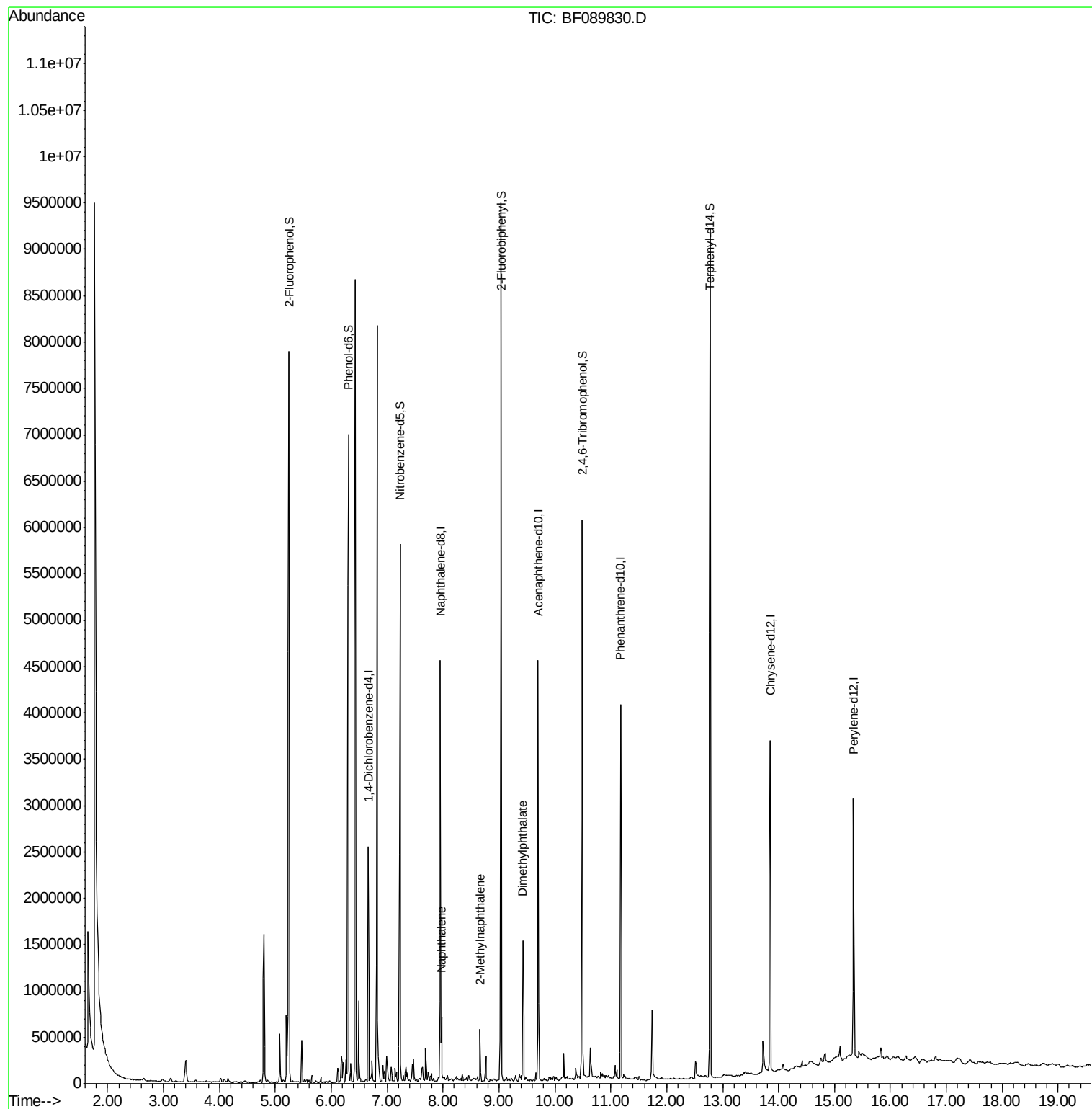
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	437840	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	1898379	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	859752	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	1558674	20.00	ng	-0.01
75) Chrysene-d12	13.85	240	1488291	20.00	ng	-0.02
86) Perylene-d12	15.34	264	1250501	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	2803995	109.82	ng	-0.01
7) Phenol-d6	6.31	99	3612273	115.26	ng	-0.01
23) Nitrobenzene-d5	7.23	82	2046615	66.98	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	812566	99.45	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	3594087	73.47	ng	-0.01
78) Terphenyl-d14	12.78	244	3151009	47.90	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	7.98	128	316943	3.57	ng	97
37) 2-Methylnaphthalene	8.66	142	140662	2.45	ng	98
49) Dimethylphthalate	9.43	163	732810	12.11	ng	99

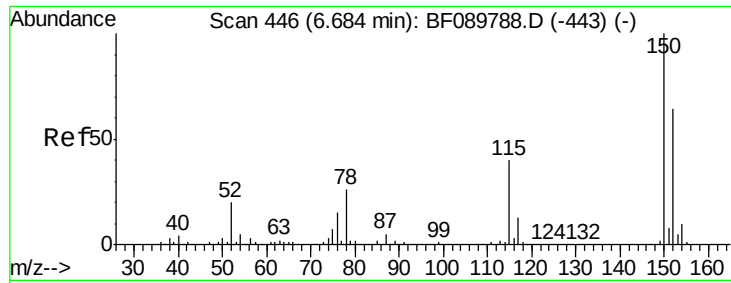
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.02 min

Lab File: BF089830.D

Acq: 23 Aug 2016 13:12

Instrument :

BNA_F

ClientSampleId :

D-5(3-3.5)

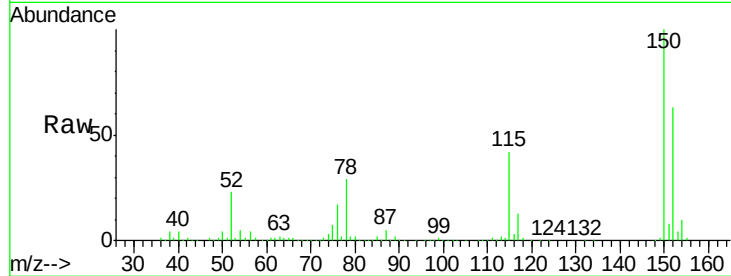
Tgt Ion:152 Resp: 437840

Ion Ratio Lower Upper

152 100

150 159.5 125.3 187.9

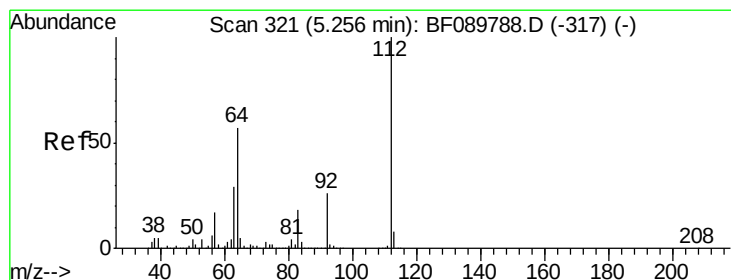
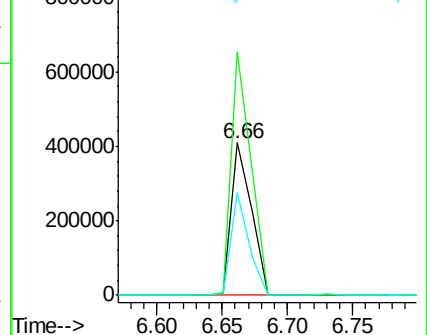
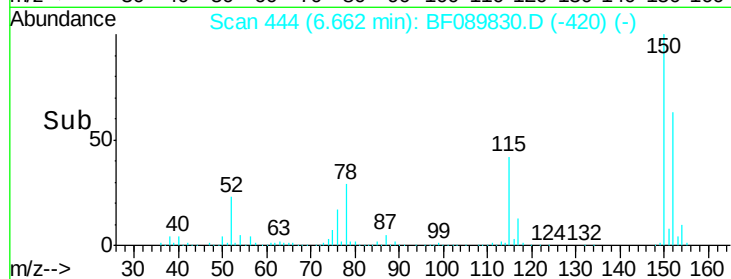
115 67.2 40.9 61.3#



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: 109.82 ng

RT: 5.24 min Scan# 320

Delta R.T. -0.01 min

Lab File: BF089830.D

Acq: 23 Aug 2016 13:12

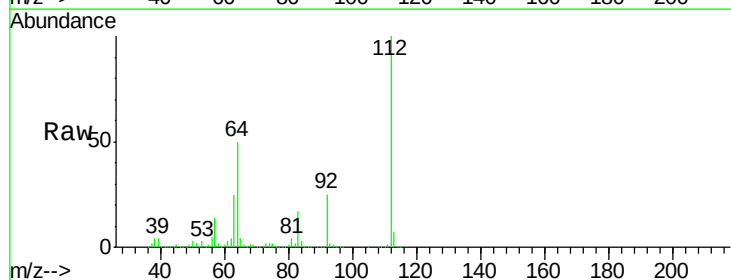
Tgt Ion:112 Resp: 2803995

Ion Ratio Lower Upper

112 100

64 50.2 45.0 67.4

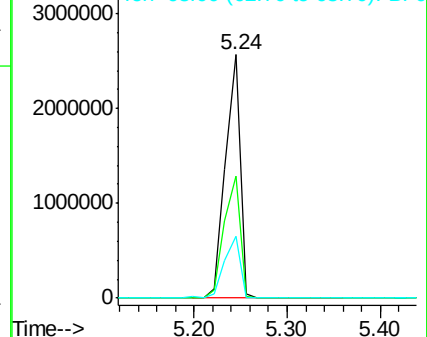
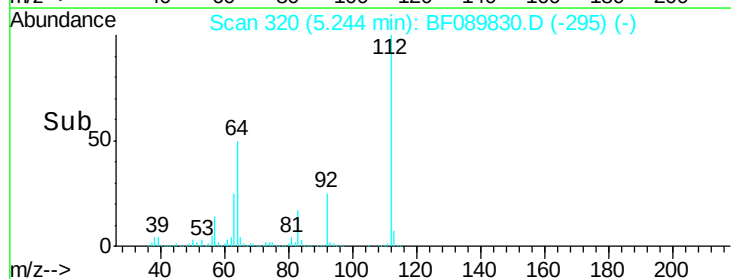
63 25.4 23.1 34.7

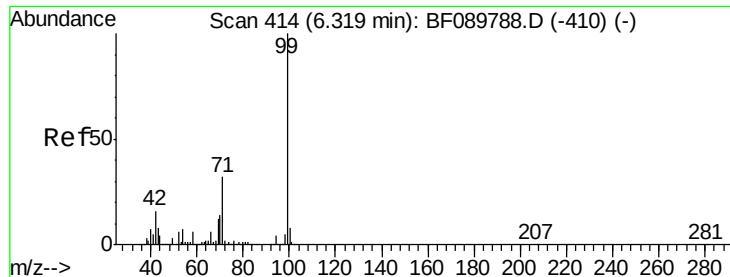


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 115.26 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089830.D

Acq: 23 Aug 2016 13:12

Instrument :

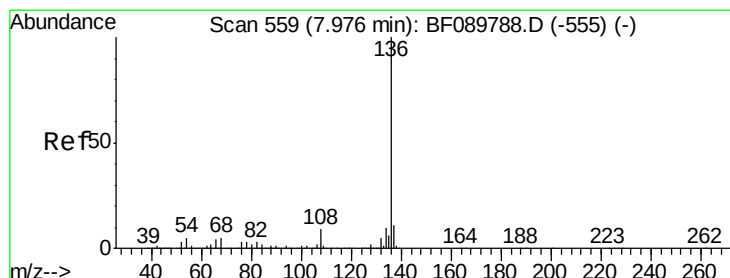
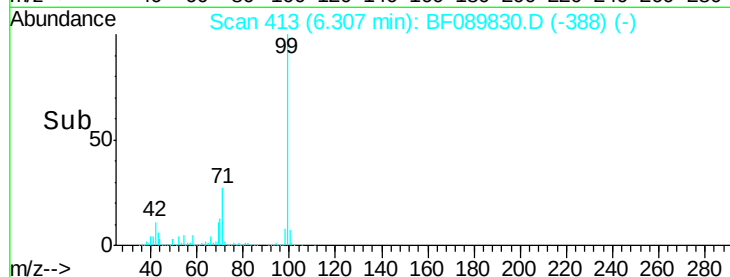
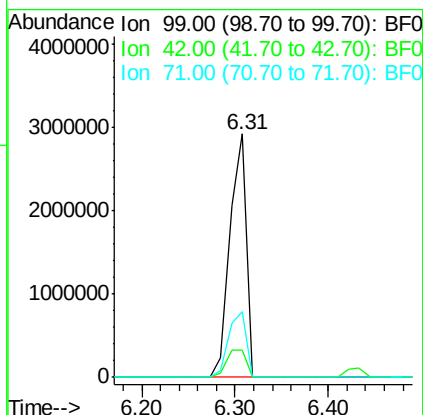
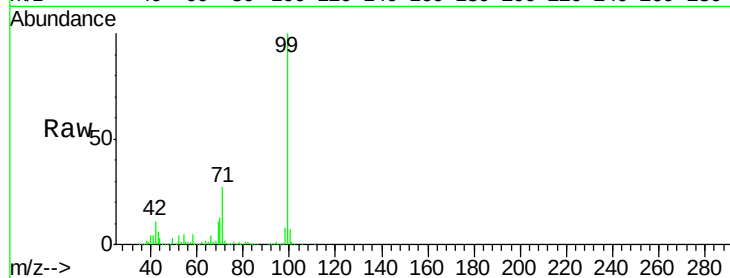
BNA_F

ClientSampleId :

D-5(3-3.5)

Tgt Ion: 99 Resp: 3612273

Ion	Ratio	Lower	Upper
99	100		
42	11.3	12.2	18.4#
71	27.2	23.8	35.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 557

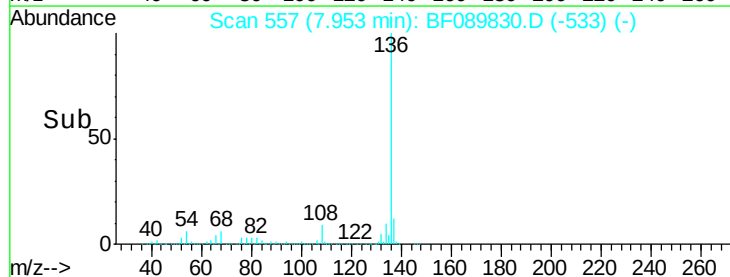
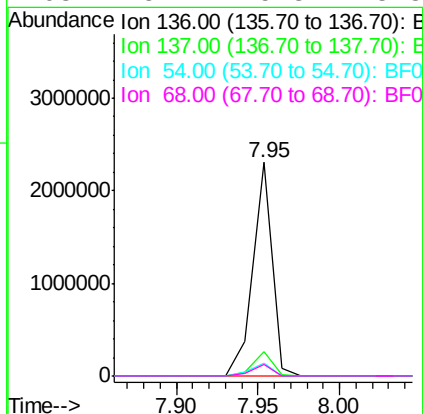
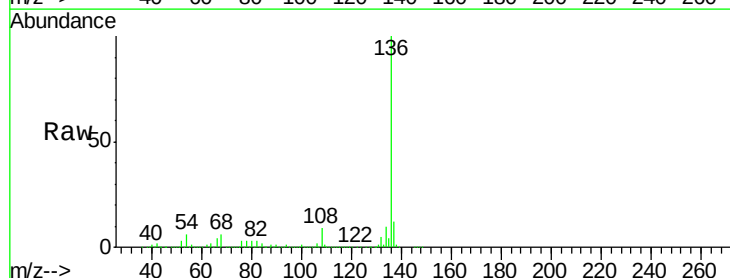
Delta R.T. -0.02 min

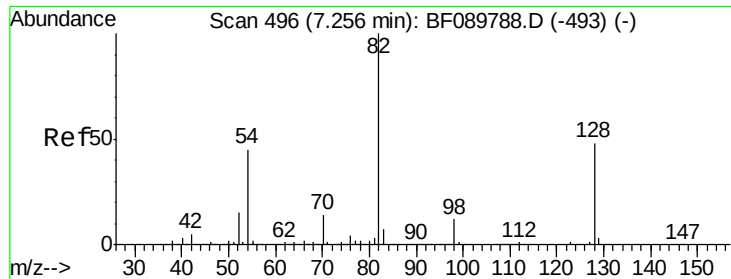
Lab File: BF089830.D

Acq: 23 Aug 2016 13:12

Tgt Ion: 136 Resp: 1898379

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	6.2	7.2	10.8#
68	5.7	5.8	8.8#

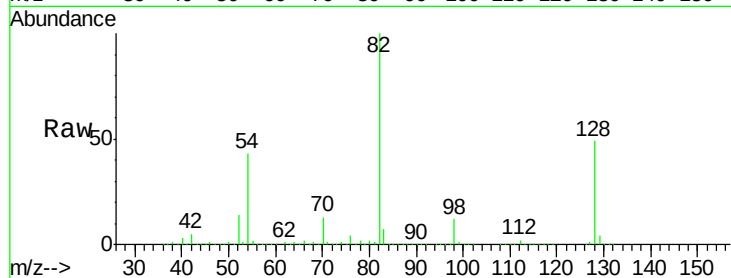




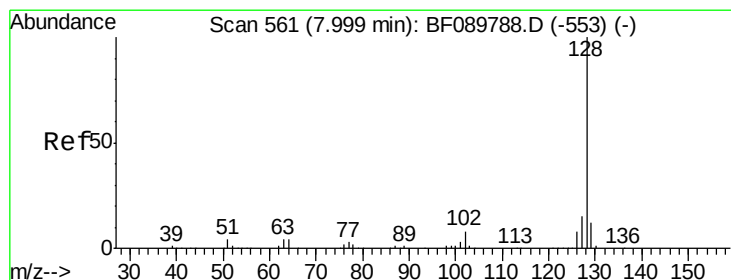
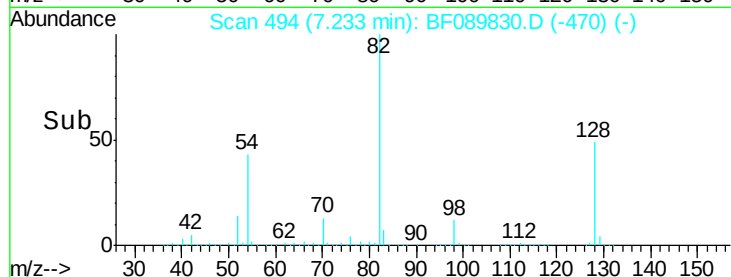
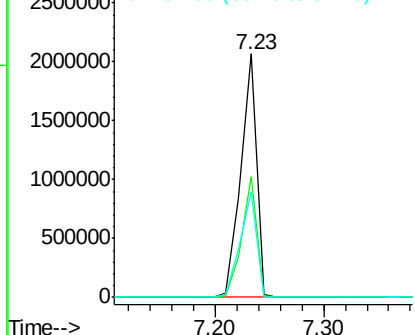
#23
 Nitrobenzene-d5
 Concen: 66.98 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF089830.D
 Acq: 23 Aug 2016 13:12

Instrument :
 BNA_F
 ClientSampleId :
 D-5(3-3.5)

Tgt Ion: 82 Resp: 2046615
 Ion Ratio Lower Upper
 82 100
 128 49.4 34.4 51.6
 54 43.3 40.3 60.5

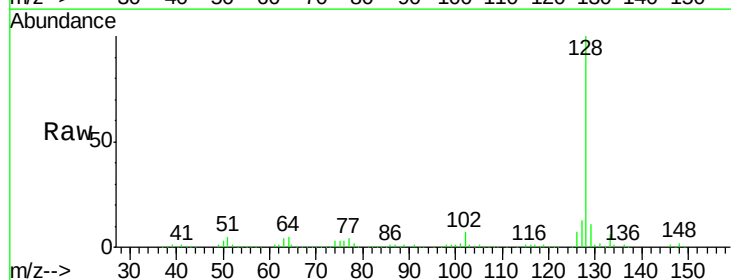


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

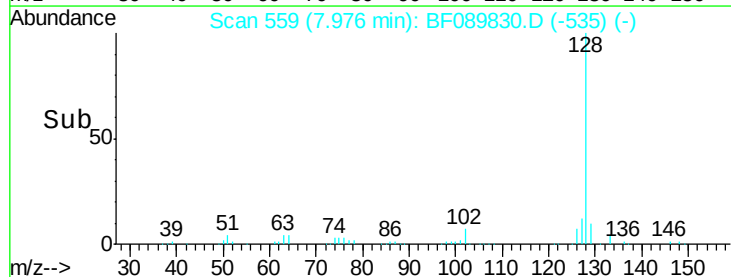
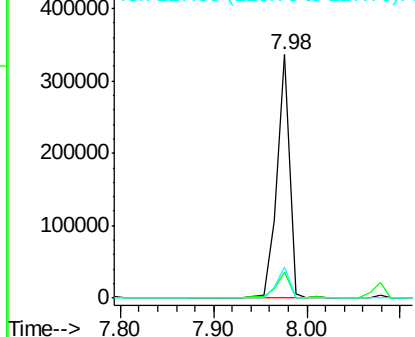


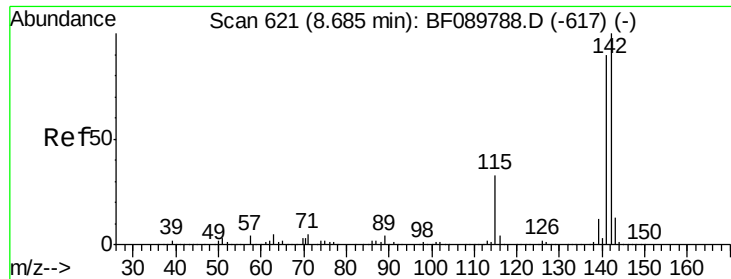
#31
 Naphthalene
 Concen: 3.57 ng
 RT: 7.98 min Scan# 559
 Delta R.T. -0.02 min
 Lab File: BF089830.D
 Acq: 23 Aug 2016 13:12

Tgt Ion: 128 Resp: 316943
 Ion Ratio Lower Upper
 128 100
 129 10.7 9.5 14.3
 127 12.6 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

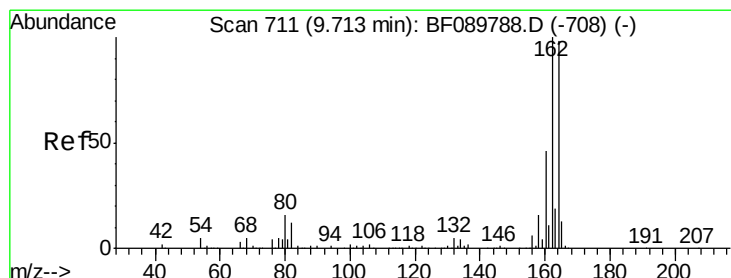
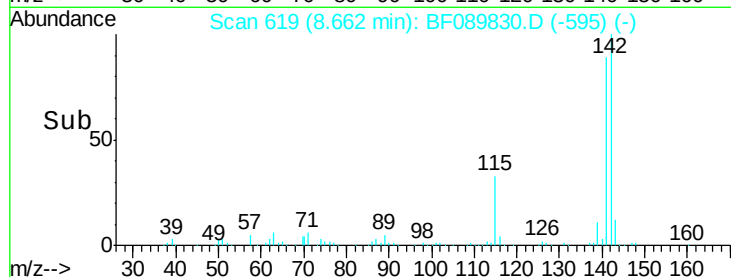
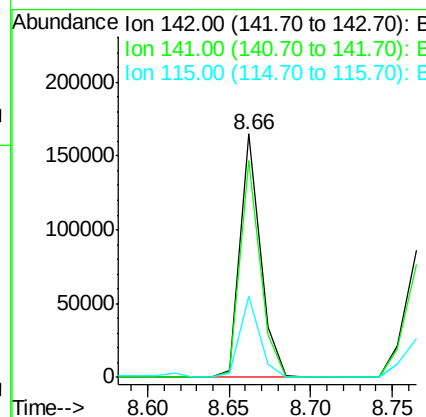
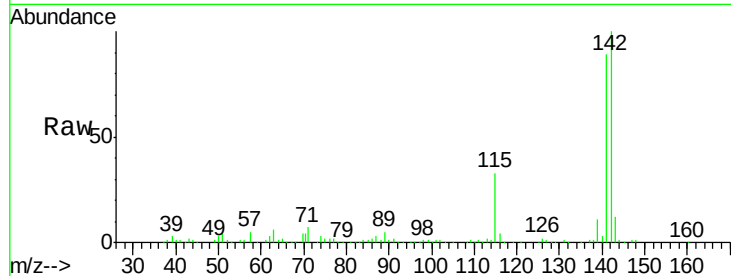




#37
 2-Methylnaphthalene
 Concen: 2.45 ng
 RT: 8.66 min Scan# 619
 Delta R.T. -0.02 min
 Lab File: BF089830.D
 Acq: 23 Aug 2016 13:12

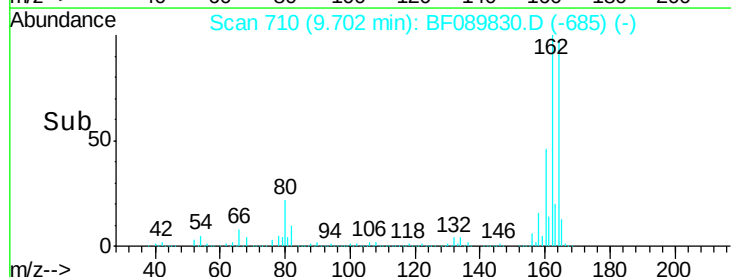
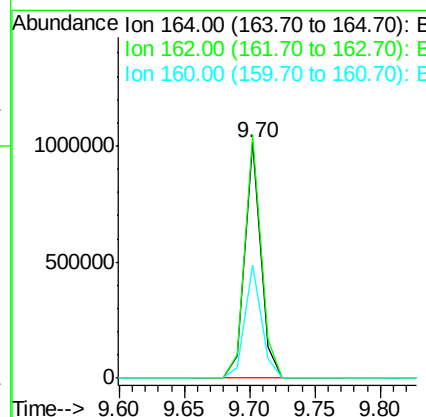
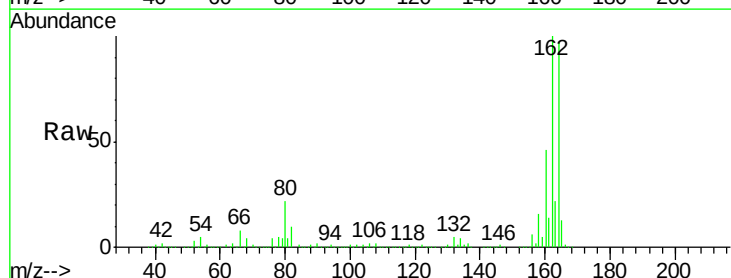
Instrument :
 BNA_F
 ClientSampleId :
 D-5(3-3.5)

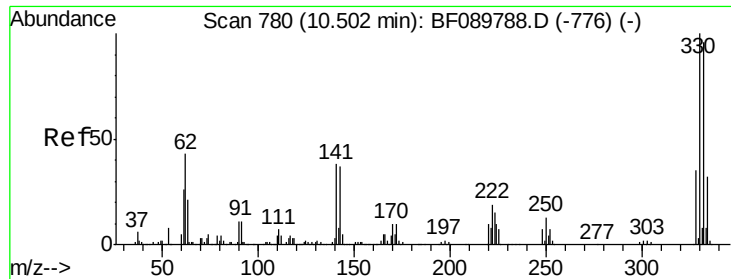
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.4	107.2
115	33.3	22.7	34.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BF089830.D
 Acq: 23 Aug 2016 13:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.4	122.2
160	47.9	37.8	56.6

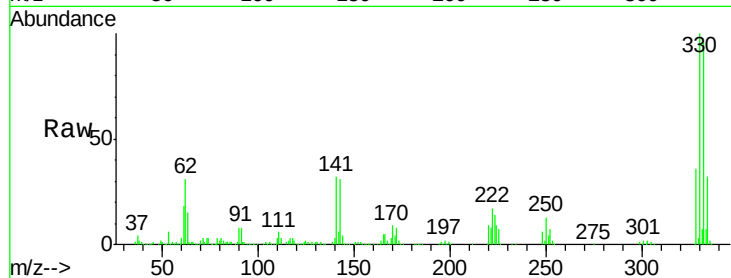




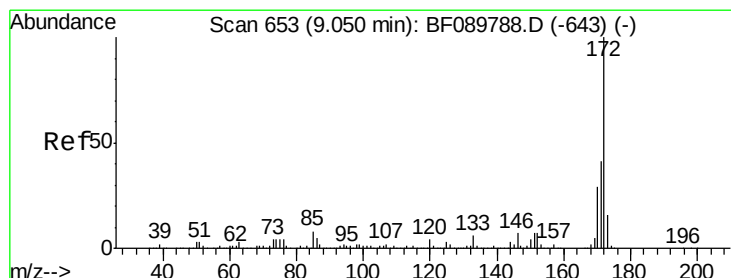
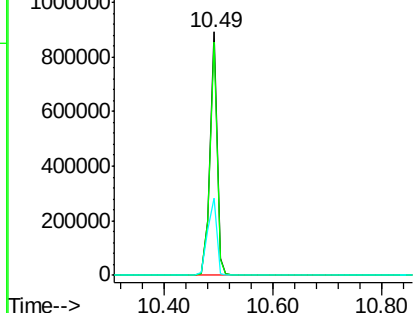
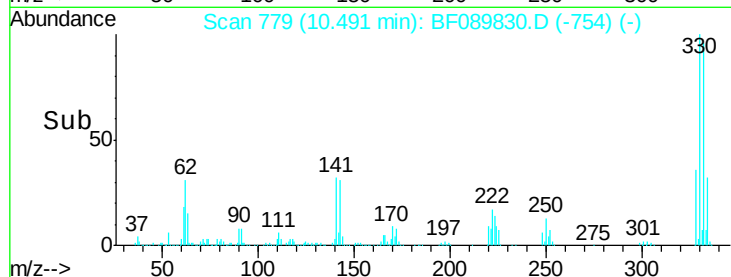
#41
 2,4,6-Tribromophenol
 Concen: 99.45 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089830.D
 Acq: 23 Aug 2016 13:12

Instrument :
 BNA_F
 ClientSampleId :
 D-5(3-3.5)

Tgt Ion:330 Resp: 812566
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.7 115.1
 141 39.9 30.2 45.2

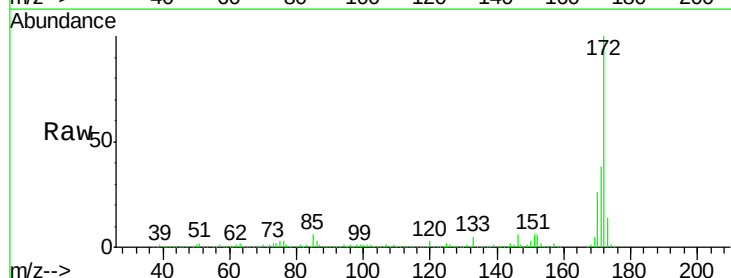


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

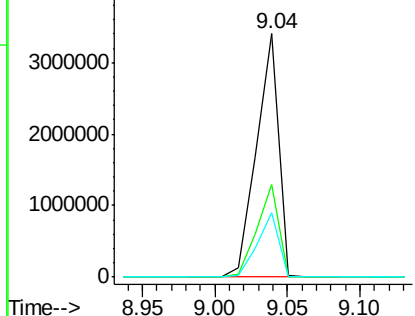
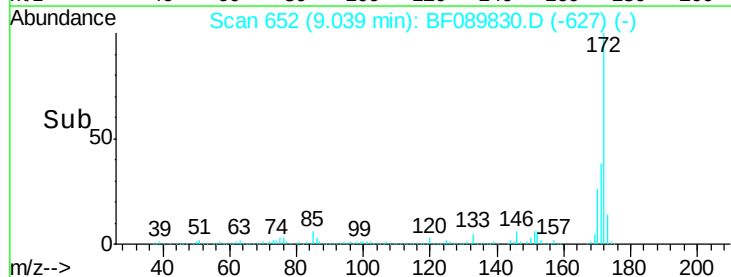


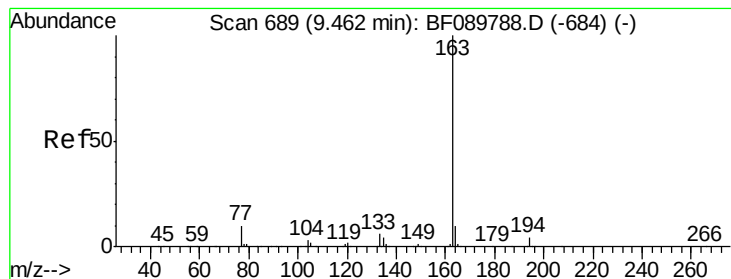
#44
 2-Fluorobiphenyl
 Concen: 73.47 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF089830.D
 Acq: 23 Aug 2016 13:12

Tgt Ion:172 Resp: 3594087
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.5 45.7
 170 26.4 20.6 31.0



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: 12.11 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF089830.D

Acq: 23 Aug 2016 13:12

Instrument :

BNA_F

ClientSampleId :

D-5(3-3.5)

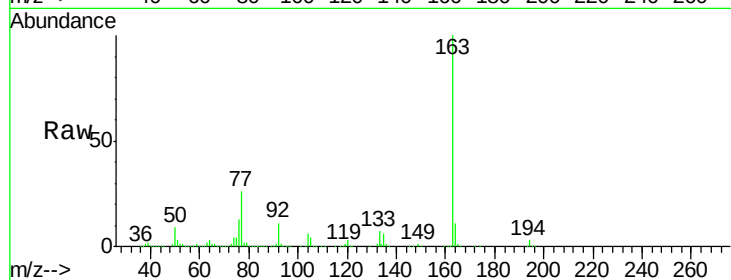
Tgt Ion:163 Resp: 732810

Ion Ratio Lower Upper

163 100

194 2.6 2.6 3.8

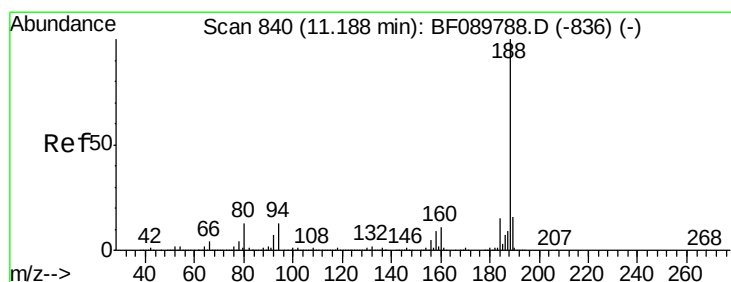
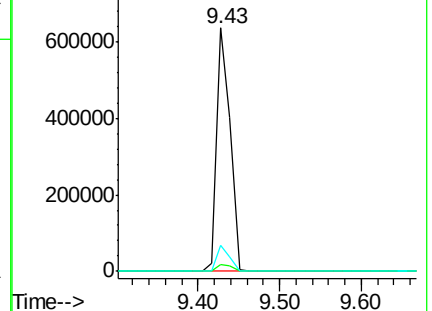
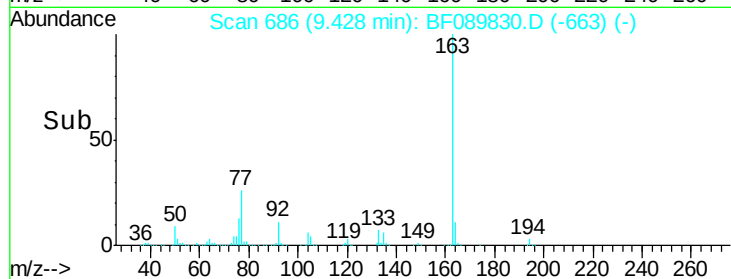
164 10.8 8.6 12.8



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: 11.18 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF089830.D

Acq: 23 Aug 2016 13:12

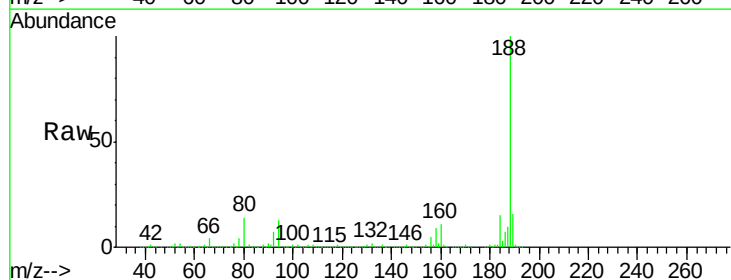
Tgt Ion:188 Resp: 1558674

Ion Ratio Lower Upper

188 100

94 13.0 10.2 15.2

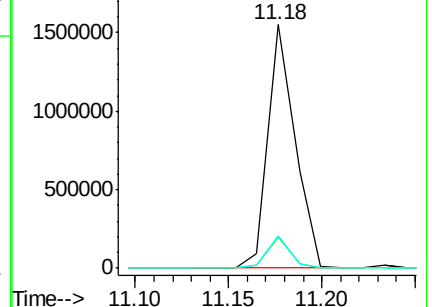
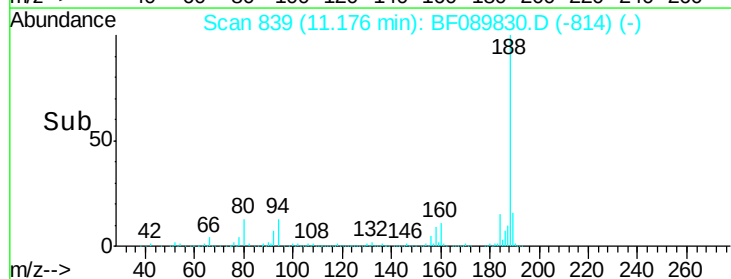
80 13.5 10.9 16.3

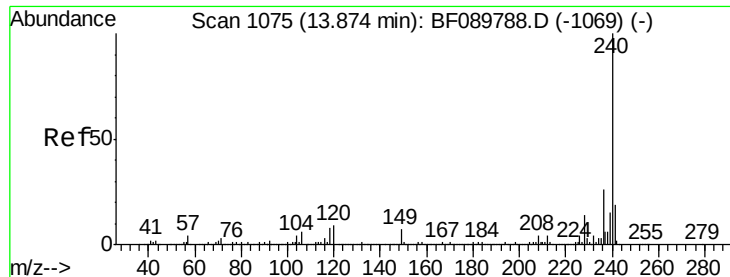


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.85 min Scan# 1073

Delta R.T. -0.02 min

Lab File: BF089830.D

Acq: 23 Aug 2016 13:12

Instrument :

BNA_F

ClientSampleId :

D-5(3-3.5)

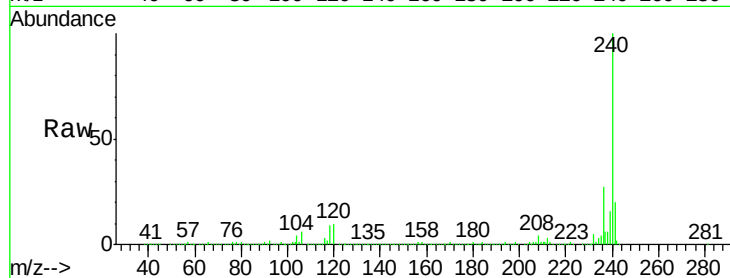
Tgt Ion:240 Resp: 1488291

Ion Ratio Lower Upper

240 100

120 10.0 8.3 12.5

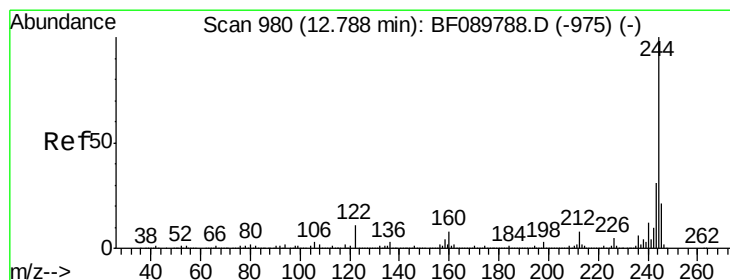
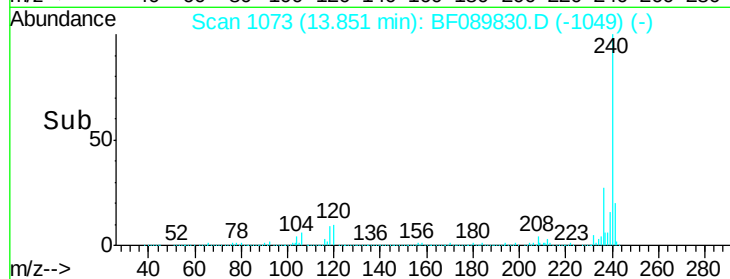
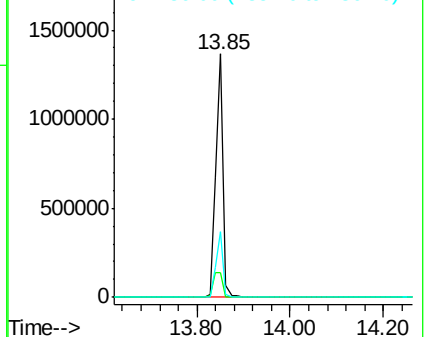
236 26.9 21.3 31.9



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: 47.90 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF089830.D

Acq: 23 Aug 2016 13:12

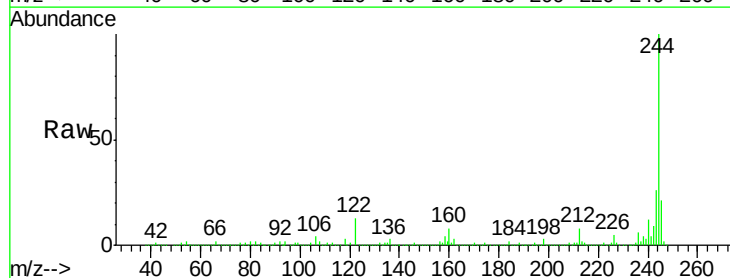
Tgt Ion:244 Resp: 3151009

Ion Ratio Lower Upper

244 100

212 8.1 6.3 9.5

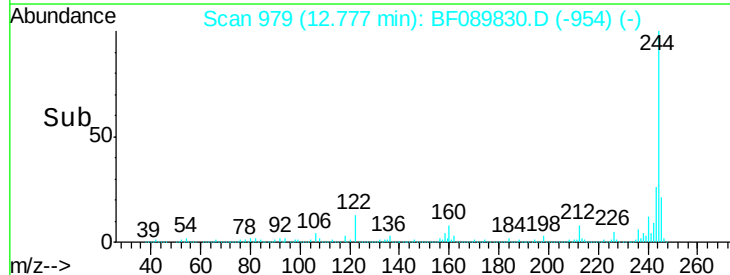
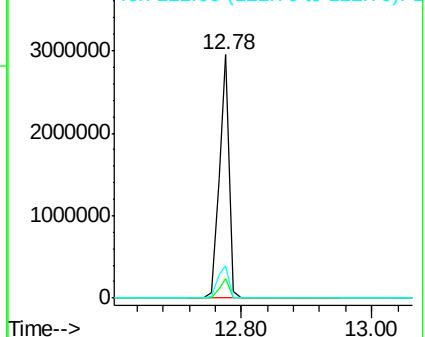
122 13.2 12.0 18.0

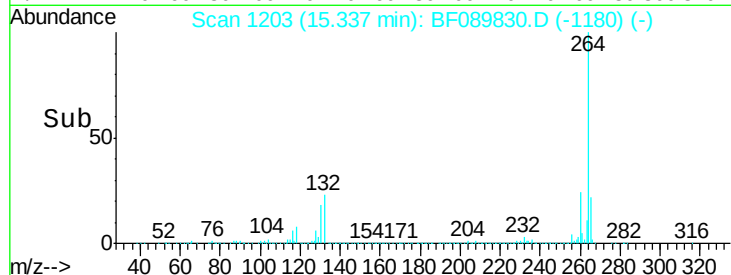
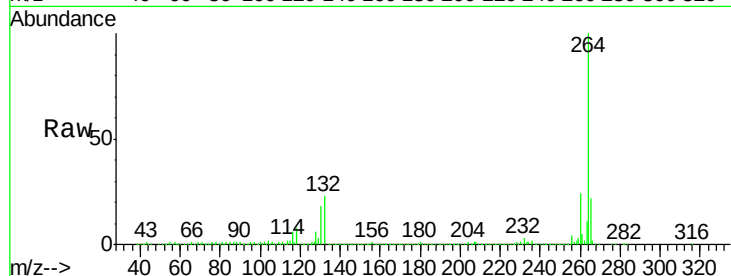
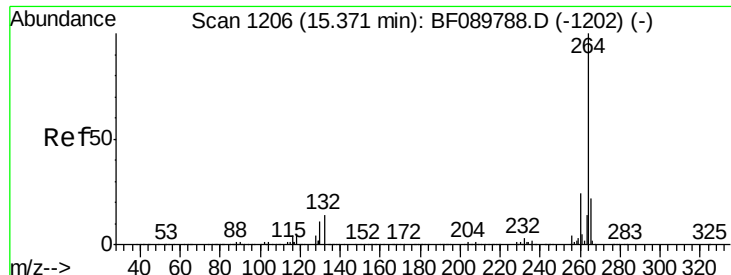


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.34 min Scan# 1203
Delta R.T. -0.03 min
Lab File: BF089830.D
Acq: 23 Aug 2016 13:12

Instrument :
BNA_F
ClientSampleId :
D-5(3-3.5)

Tgt Ion: 264 Resp: 1250501
Ion Ratio Lower Upper
264 100
260 24.1 20.2 30.2
265 22.2 17.4 26.2

