

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092115\
 Data File : BF081715.D
 Acq On : 21 Sep 2015 15:22
 Operator : UM/IZ
 Sample : G3676-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-6

Quant Time: Sep 22 01:01:38 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 14:03:59 2015
 Response via : Initial Calibration

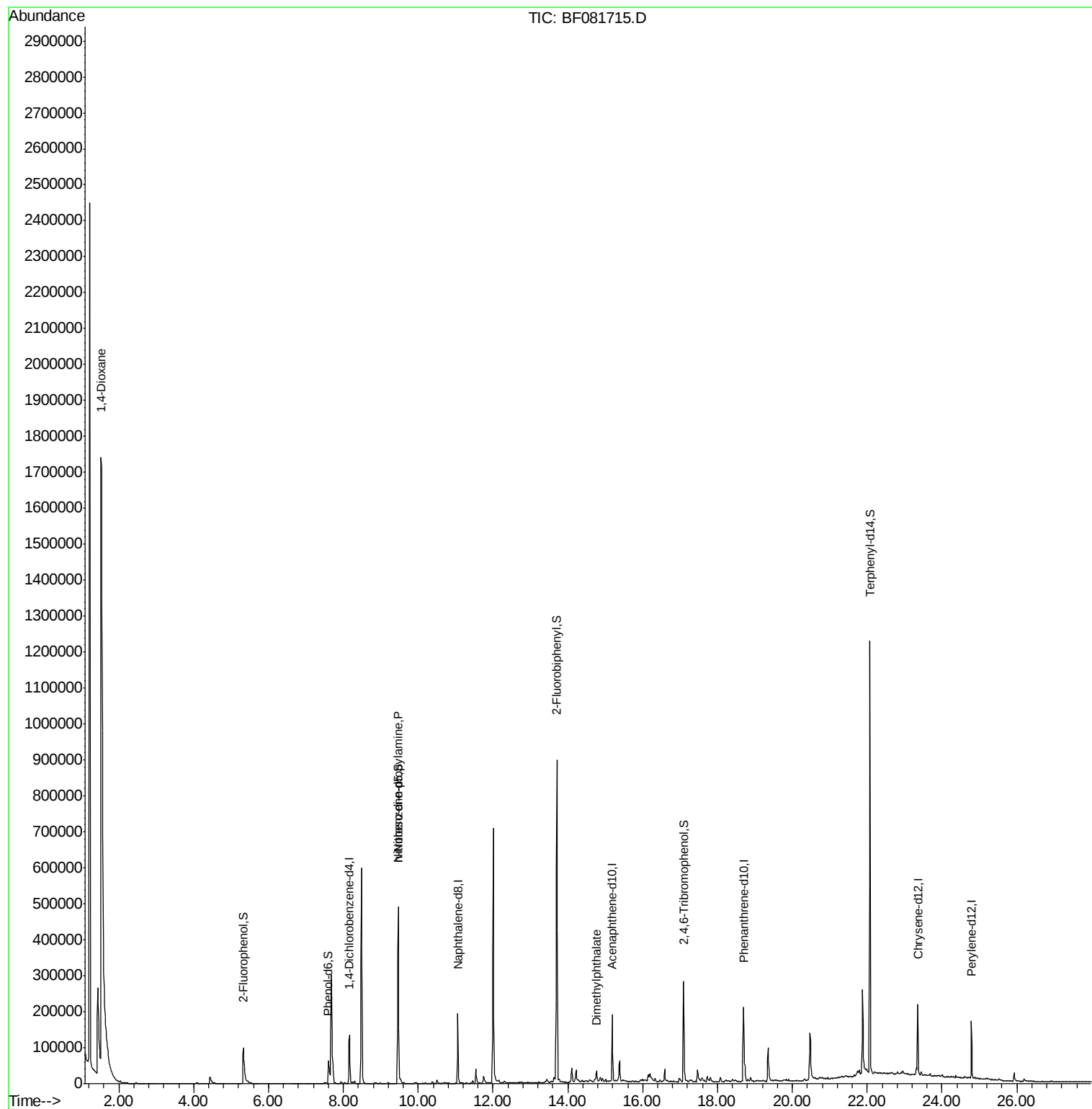
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	37920	20.00	ng	-0.06
21) Naphthalene-d8	11.05	136	152047	20.00	ng	-0.07
38) Acenaphthene-d10	15.19	164	68656	20.00	ng	-0.07
63) Phenanthrene-d10	18.70	188	139576	20.00	ng	-0.06
75) Chrysene-d12	23.35	240	104558	20.00	ng	-0.03
86) Perylene-d12	24.78	264	71678	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	80768	33.05	ng	-0.02
7) Phenol-d6	7.60	99	69977	21.63	ng	-0.04
23) Nitrobenzene-d5	9.46	82	290417	92.15	ng	-0.07
41) 2,4,6-Tribromophenol	17.10	330	50892	83.25	ng	-0.07
44) 2-Fluorobiphenyl	13.71	172	497753	92.91	ng	-0.07
78) Terphenyl-d14	22.07	244	429321	95.58	ng	-0.04
Target Compounds						
2) 1,4-Dioxane	1.52	88	118354	107.82	ng	# 11
19) n-Nitroso-di-n-propylamine	9.46	70	35938	16.32	ng	# 69
49) Dimethylphthalate	14.77	163	13741	2.58	ng	# 94

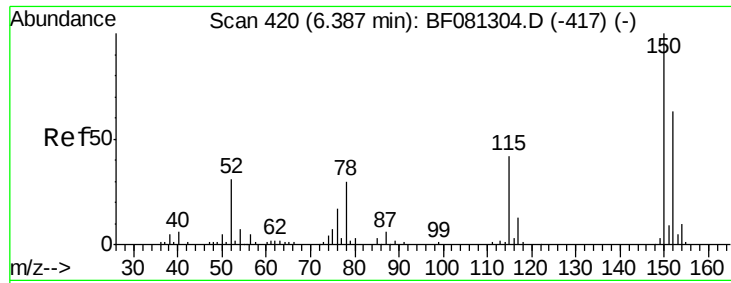
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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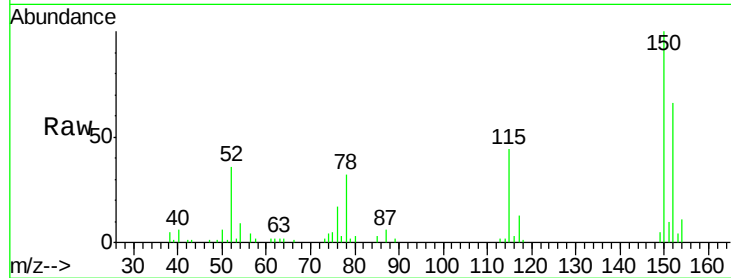


#1

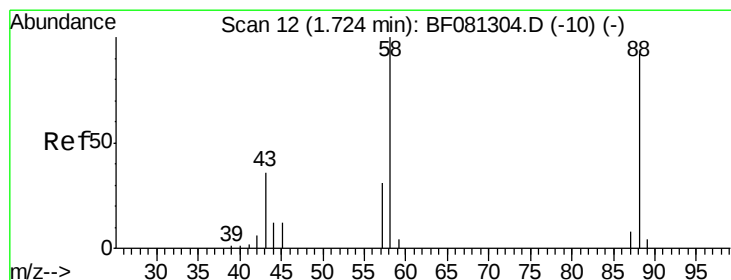
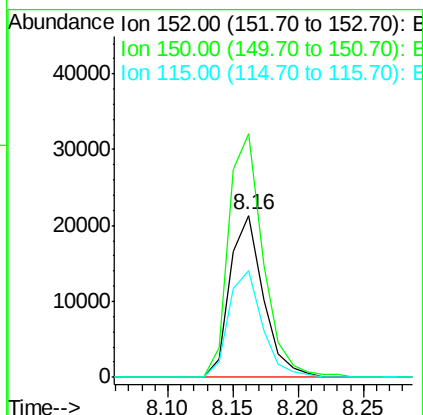
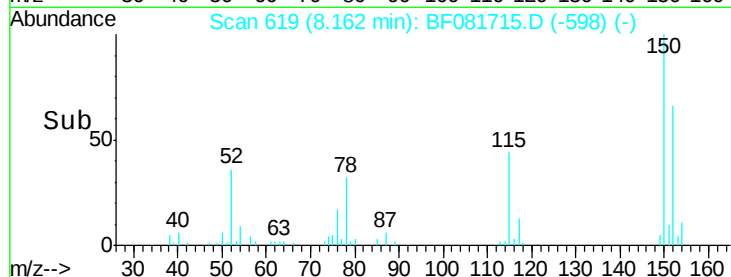
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 619
Delta R.T. -0.06 min
Lab File: BF081715.D
Acq: 21 Sep 2015 15:22

Instrument :
BNA_F
ClientSampleId :
TEC-6

Tgt Ion:152 Resp: 37920
Ion Ratio Lower Upper
152 100
150 150.5 124.7 187.1
115 65.9 39.0 58.4#



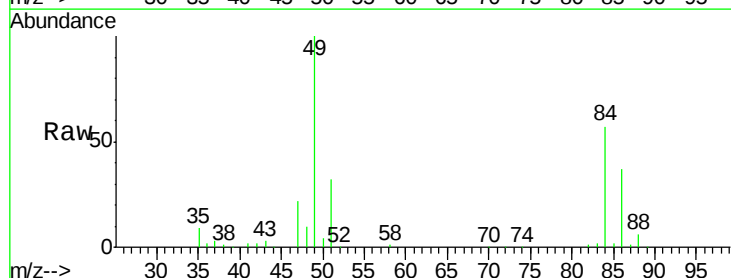
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



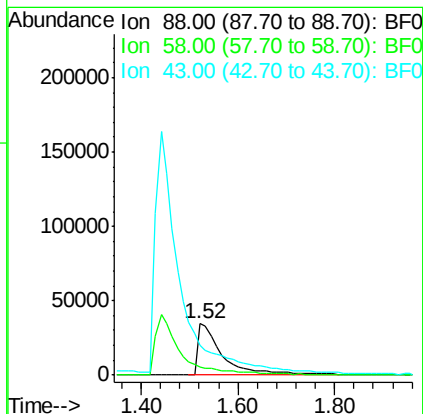
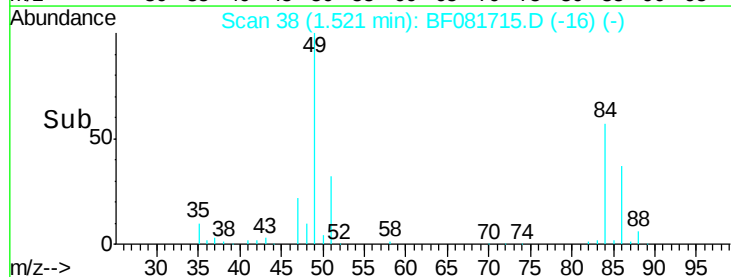
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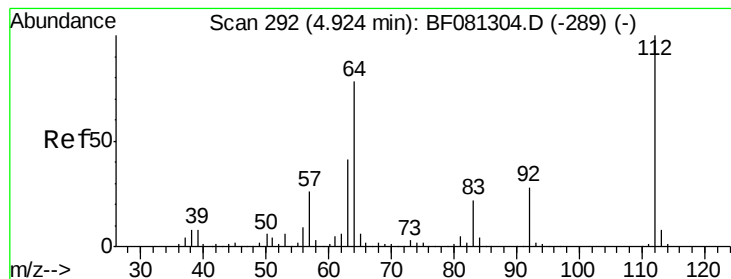
1,4-Dioxane
Concen: 107.82 ng
RT: 1.52 min Scan# 38
Delta R.T. -0.04 min
Lab File: BF081715.D
Acq: 21 Sep 2015 15:22

Tgt Ion: 88 Resp: 118354
Ion Ratio Lower Upper
88 100
58 0.0 77.7 116.5#
43 0.0 26.6 40.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 33.05 ng

RT: 5.33 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF081715.D

Acq: 21 Sep 2015 15:22

Instrument :

BNA_F

ClientSampleId :

TEC-6

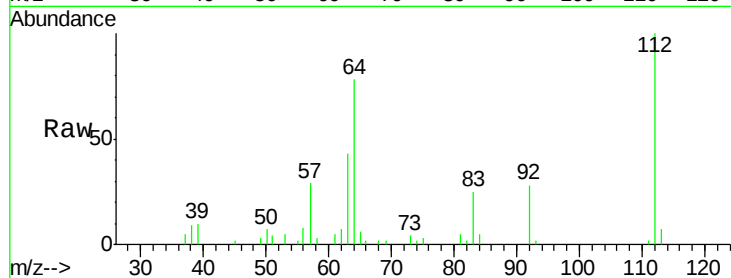
Tgt Ion: 112 Resp: 80768

Ion Ratio Lower Upper

112 100

64 77.6 39.7 59.5#

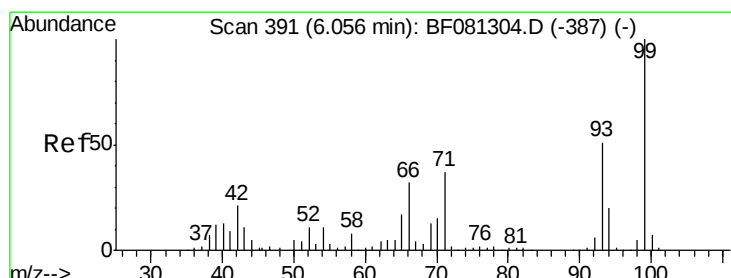
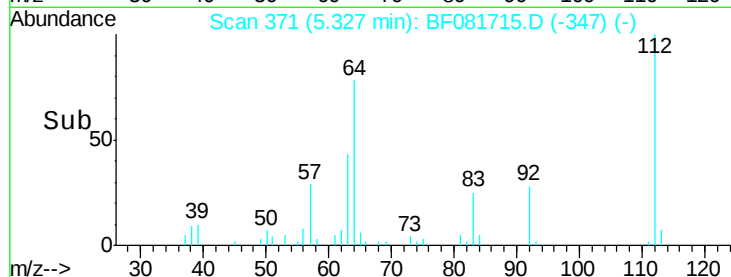
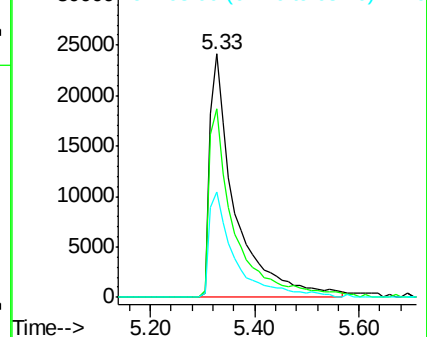
63 43.3 17.4 26.0#



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: 21.63 ng

RT: 7.60 min Scan# 570

Delta R.T. -0.04 min

Lab File: BF081715.D

Acq: 21 Sep 2015 15:22

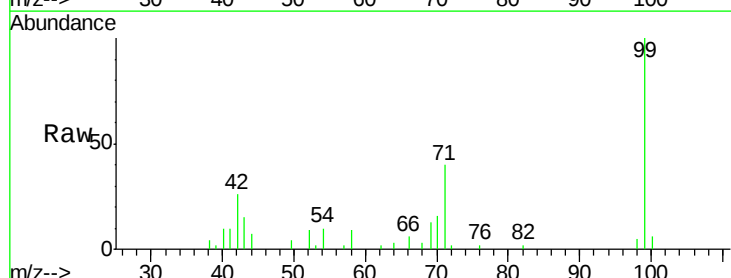
Tgt Ion: 99 Resp: 69977

Ion Ratio Lower Upper

99 100

42 26.2 13.7 20.5#

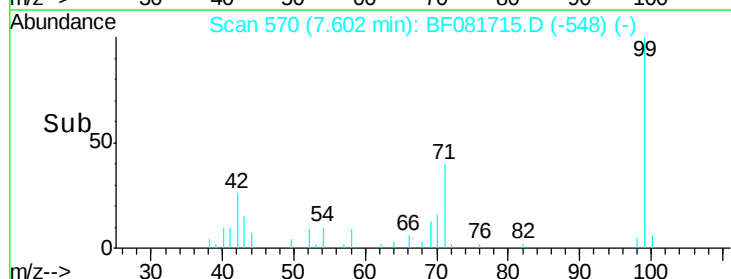
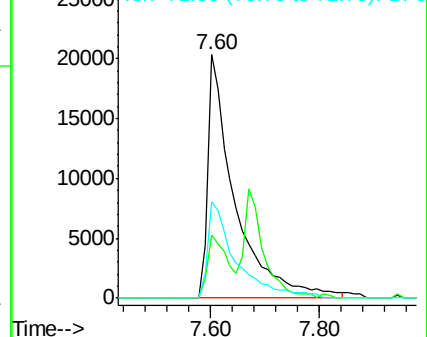
71 39.8 14.2 21.2#

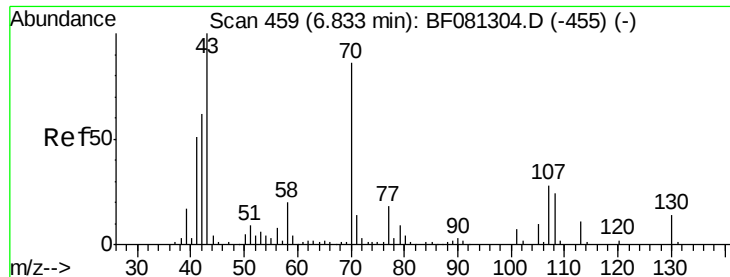


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

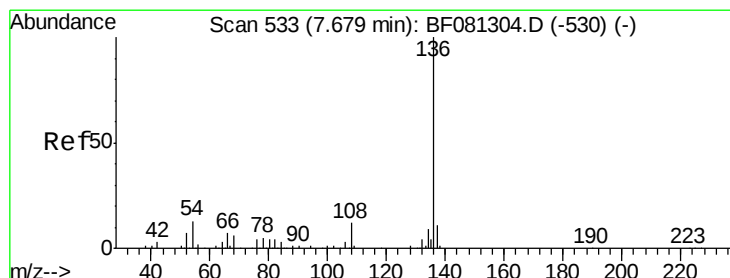
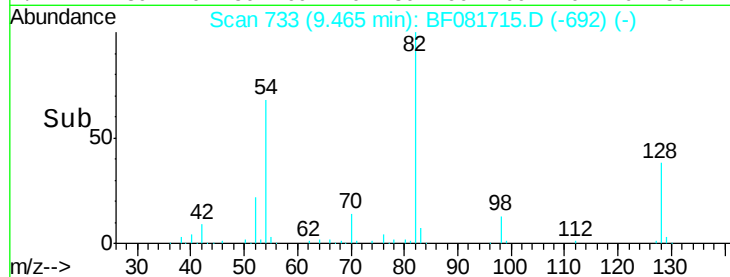
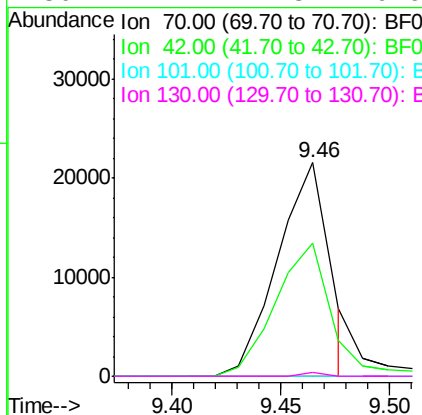
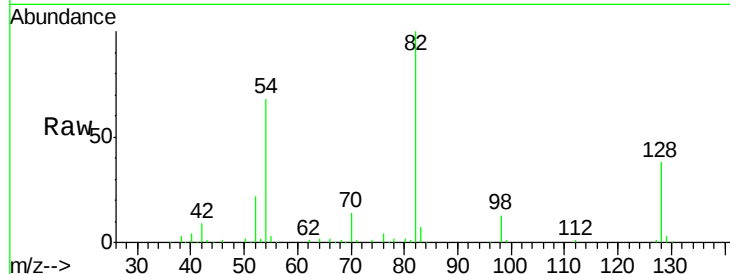




#19
n-Nitroso-di-n-propylamine
Concen: 16.32 ng
RT: 9.46 min Scan# 733
Delta R.T. 0.17 min
Lab File: BF081715.D
Acq: 21 Sep 2015 15:22

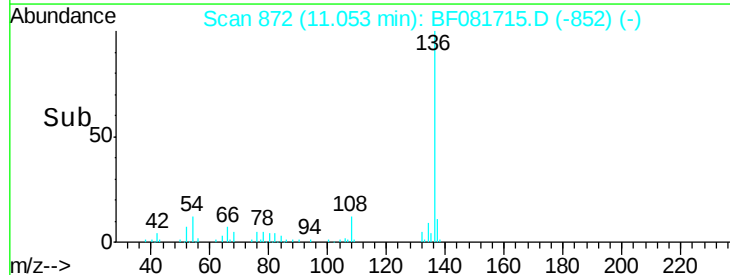
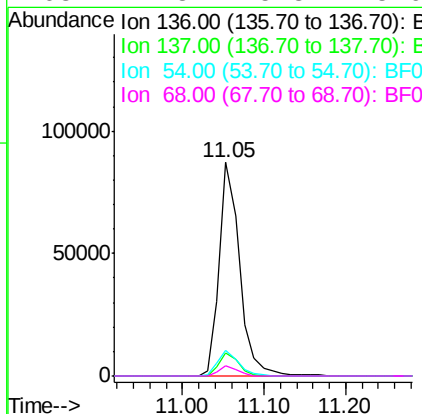
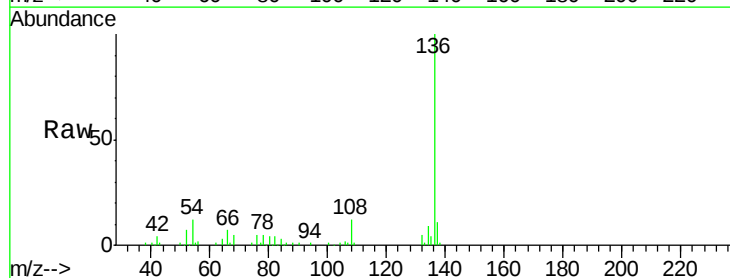
Instrument :
BNA_F
ClientSampleId :
TEC-6

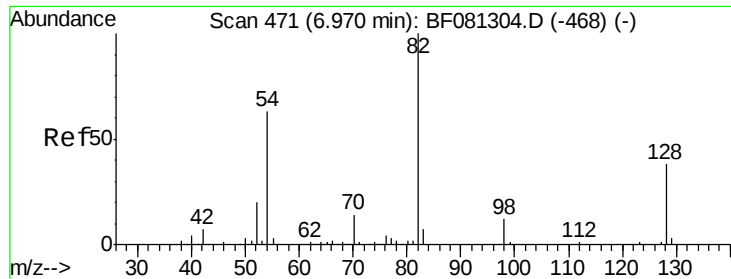
Tgt Ion: 70 Resp: 35938
Ion Ratio Lower Upper
70 100
42 62.2 63.8 95.6#
101 0.0 9.2 13.8#
130 1.7 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.05 min Scan# 872
Delta R.T. -0.07 min
Lab File: BF081715.D
Acq: 21 Sep 2015 15:22

Tgt Ion: 136 Resp: 152047
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 11.9 8.2 12.2
68 4.8 5.8 8.6#

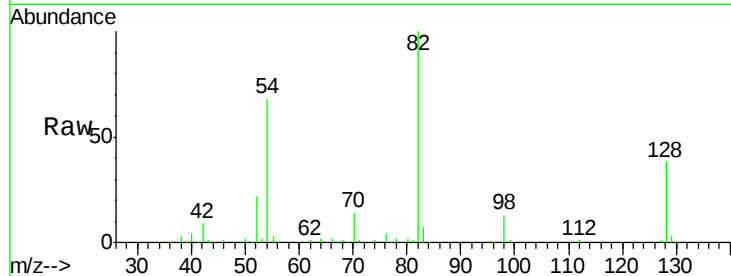




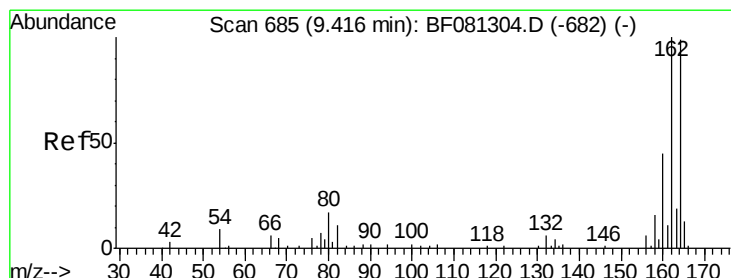
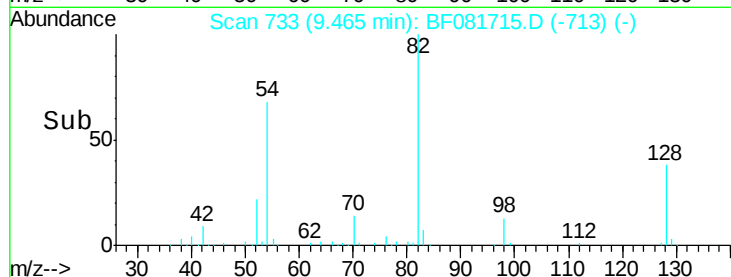
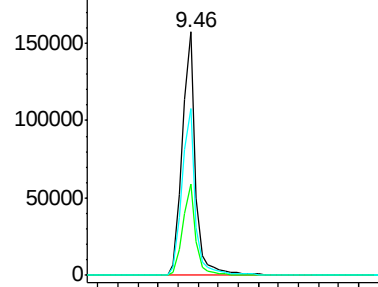
#23
 Nitrobenzene-d5
 Concen: 92.15 ng
 RT: 9.46 min Scan# 733
 Delta R.T. -0.07 min
 Lab File: BF081715.D
 Acq: 21 Sep 2015 15:22

Instrument :
 BNA_F
 ClientSampleId :
 TEC-6

Tgt Ion: 82 Resp: 290417
 Ion Ratio Lower Upper
 82 100
 128 37.6 51.0 76.6#
 54 68.3 47.5 71.3

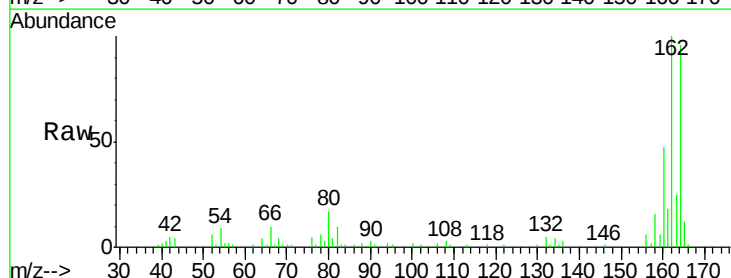


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

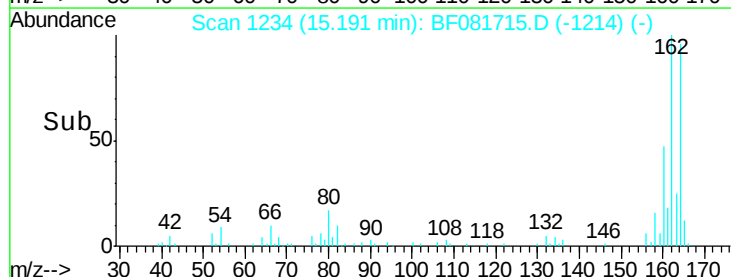
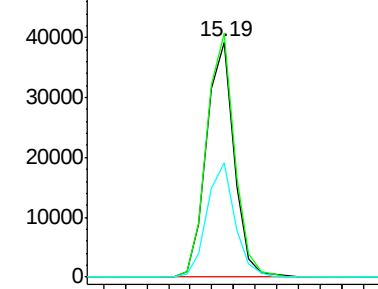


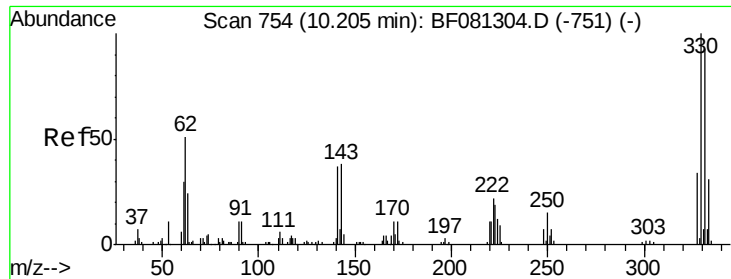
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.19 min Scan# 1234
 Delta R.T. -0.07 min
 Lab File: BF081715.D
 Acq: 21 Sep 2015 15:22

Tgt Ion: 164 Resp: 68656
 Ion Ratio Lower Upper
 164 100
 162 103.8 75.2 112.8
 160 48.8 31.5 47.3#



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

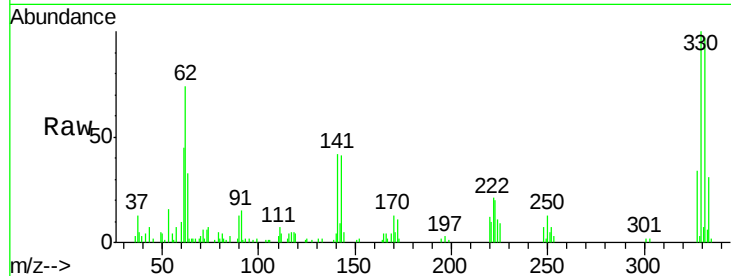




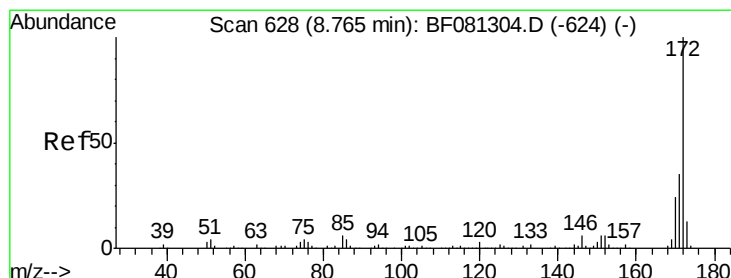
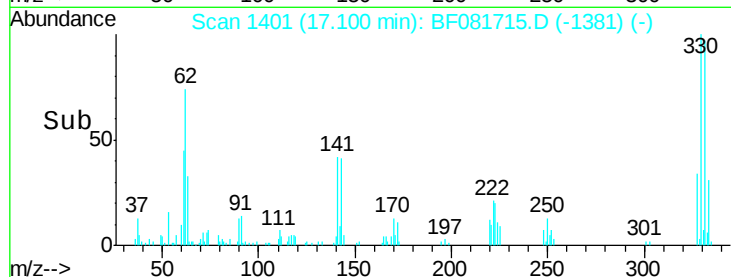
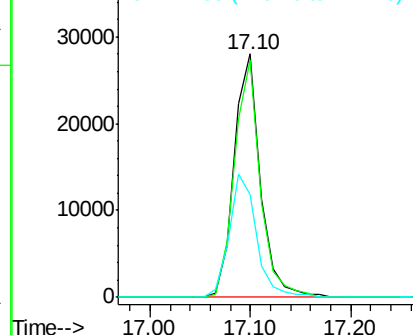
#41
 2,4,6-Tribromophenol
 Concen: 83.25 ng
 RT: 17.10 min Scan# 1401
 Delta R.T. -0.07 min
 Lab File: BF081715.D
 Acq: 21 Sep 2015 15:22

Instrument :
 BNA_F
 ClientSampleId :
 TEC-6

Tgt Ion: 330 Resp: 50892
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 114.8
 141 52.5 29.7 44.5#

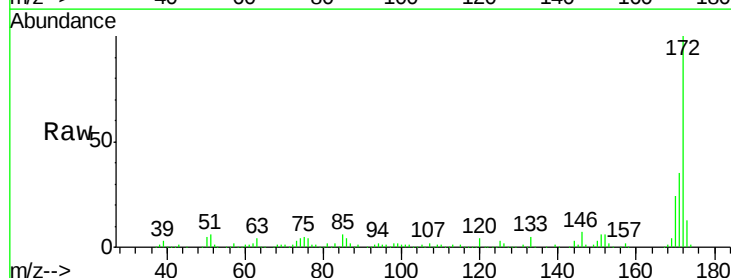


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

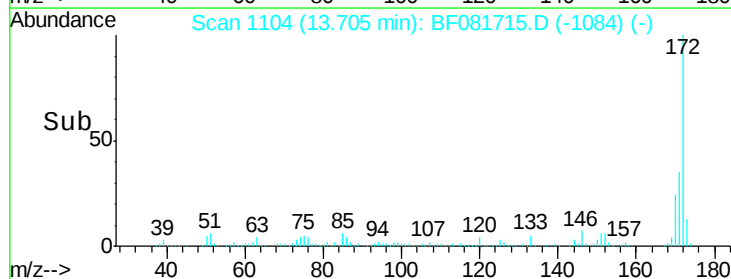
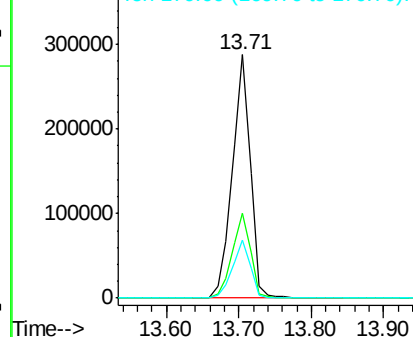


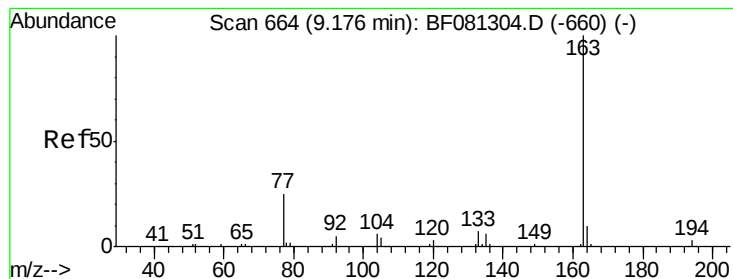
#44
 2-Fluorobiphenyl
 Concen: 92.91 ng
 RT: 13.71 min Scan# 1104
 Delta R.T. -0.07 min
 Lab File: BF081715.D
 Acq: 21 Sep 2015 15:22

Tgt Ion: 172 Resp: 497753
 Ion Ratio Lower Upper
 172 100
 171 35.1 26.1 39.1
 170 23.9 17.4 26.2



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: 2.58 ng

RT: 14.77 min Scan# 1197

Delta R.T. -0.09 min

Lab File: BF081715.D

Acq: 21 Sep 2015 15:22

Instrument :

BNA_F

ClientSampleId :

TEC-6

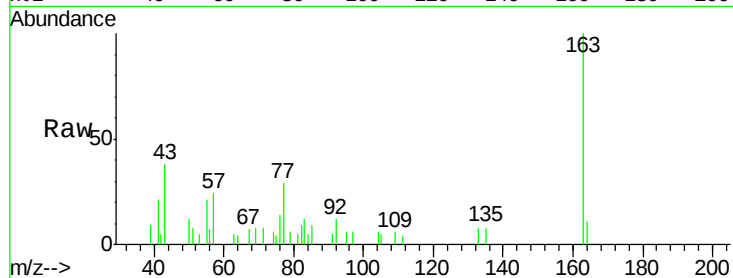
Tgt Ion:163 Resp: 13741

Ion Ratio Lower Upper

163 100

194 0.0 4.4 6.6#

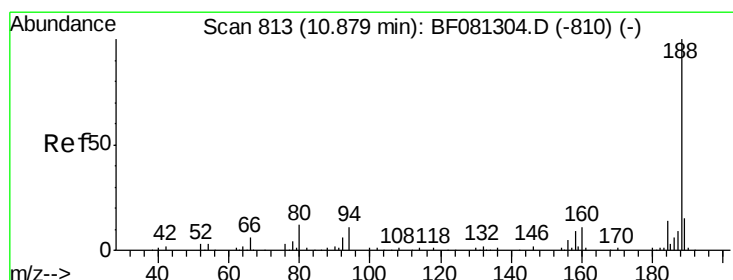
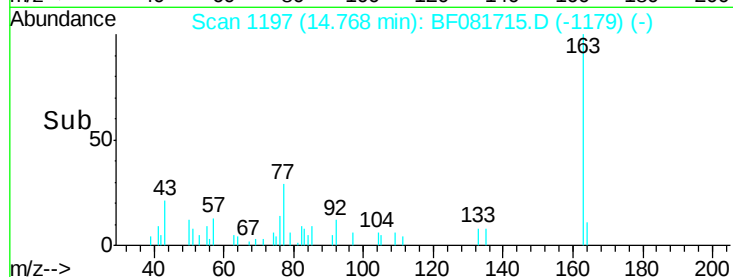
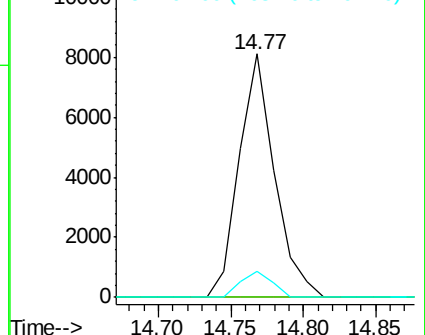
164 10.8 8.3 12.5



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: 18.70 min Scan# 1541

Delta R.T. -0.06 min

Lab File: BF081715.D

Acq: 21 Sep 2015 15:22

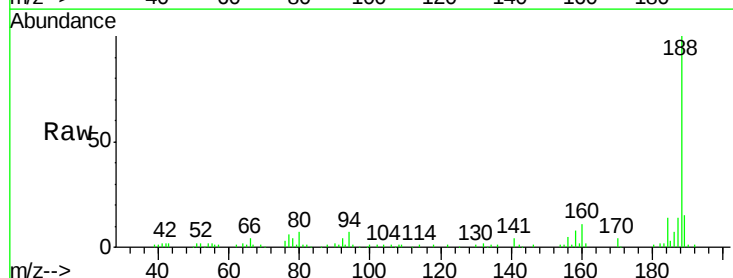
Tgt Ion:188 Resp: 139576

Ion Ratio Lower Upper

188 100

94 7.2 11.1 16.7#

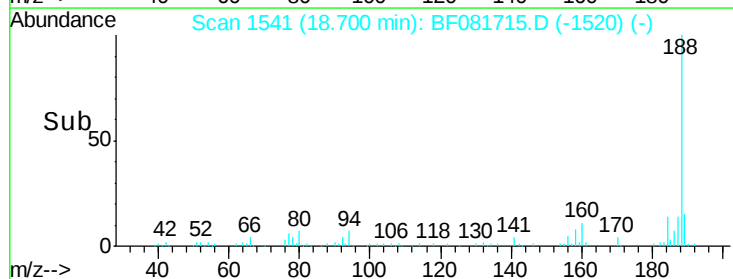
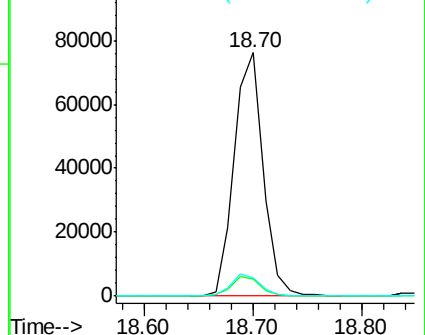
80 7.4 11.0 16.4#

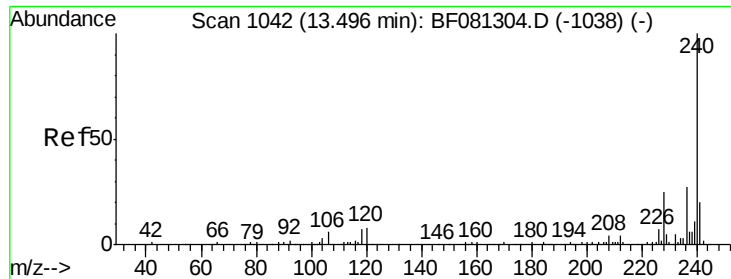


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

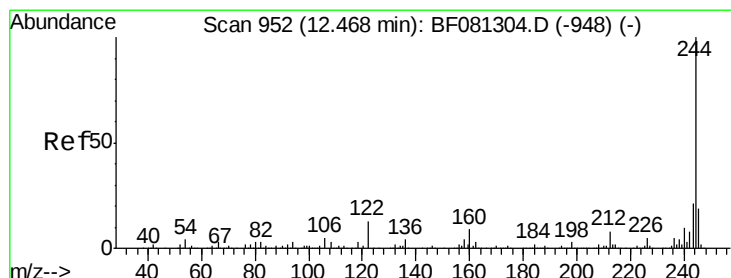
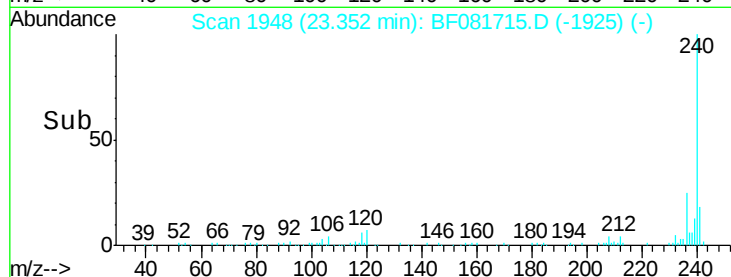
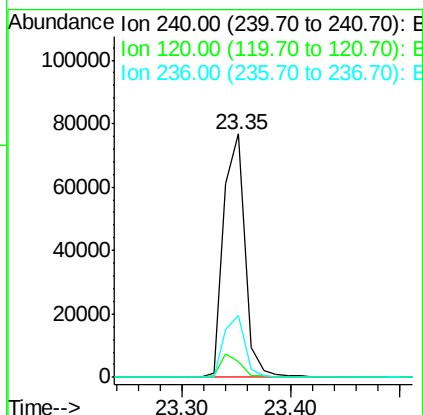
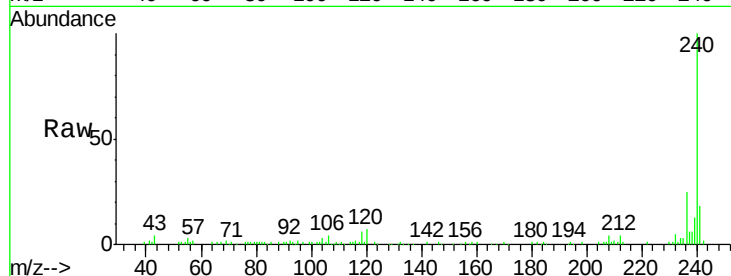




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 23.35 min Scan# 1948
 Delta R.T. -0.03 min
 Lab File: BF081715.D
 Acq: 21 Sep 2015 15:22

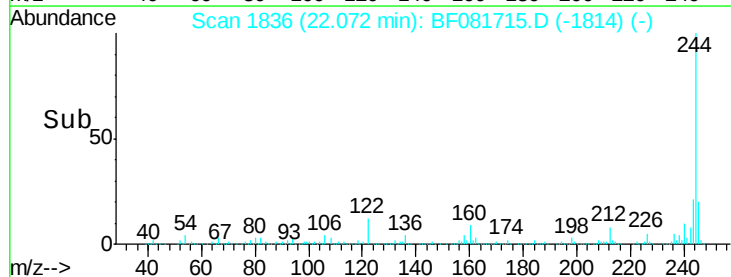
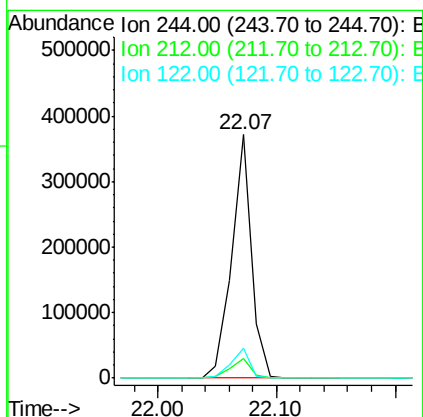
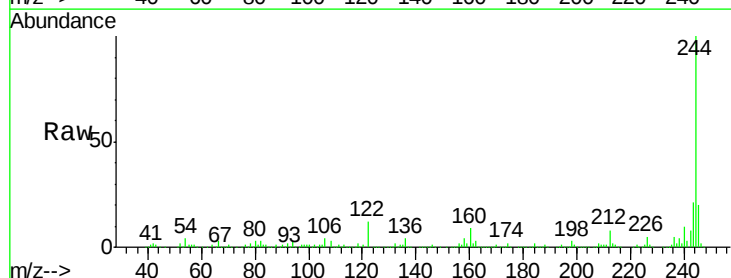
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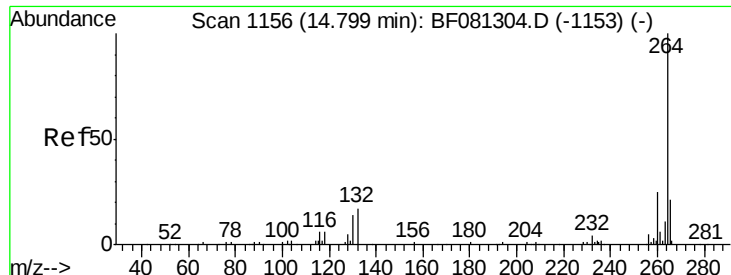
Tgt Ion:240 Resp: 104558
 Ion Ratio Lower Upper
 240 100
 120 6.7 16.2 24.2#
 236 25.3 18.4 27.6



#78
 Terphenyl-d14
 Concen: 95.58 ng
 RT: 22.07 min Scan# 1836
 Delta R.T. -0.04 min
 Lab File: BF081715.D
 Acq: 21 Sep 2015 15:22

Tgt Ion:244 Resp: 429321
 Ion Ratio Lower Upper
 244 100
 212 8.2 4.3 6.5#
 122 12.0 17.4 26.2#

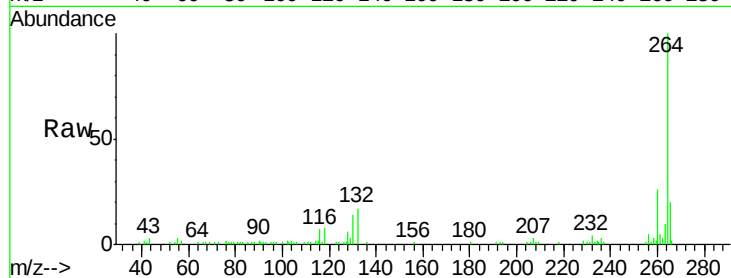




#86
Perylene-d12
Concen: 20.00 ng
RT: 24.78 min Scan# 2073
Delta R.T. -0.03 min
Lab File: BF081715.D
Acq: 21 Sep 2015 15:22

Instrument :
BNA_F
ClientSampleId :
TEC-6

Tgt Ion: 264 Resp: 71678
Ion Ratio Lower Upper
264 100
260 25.5 16.7 25.1#
265 20.4 17.2 25.8



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

