

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092115\
 Data File : BF081716.D
 Acq On : 21 Sep 2015 16:01
 Operator : UM/IZ
 Sample : G3717-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-4-9-16-15

Quant Time: Sep 22 01:01:53 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

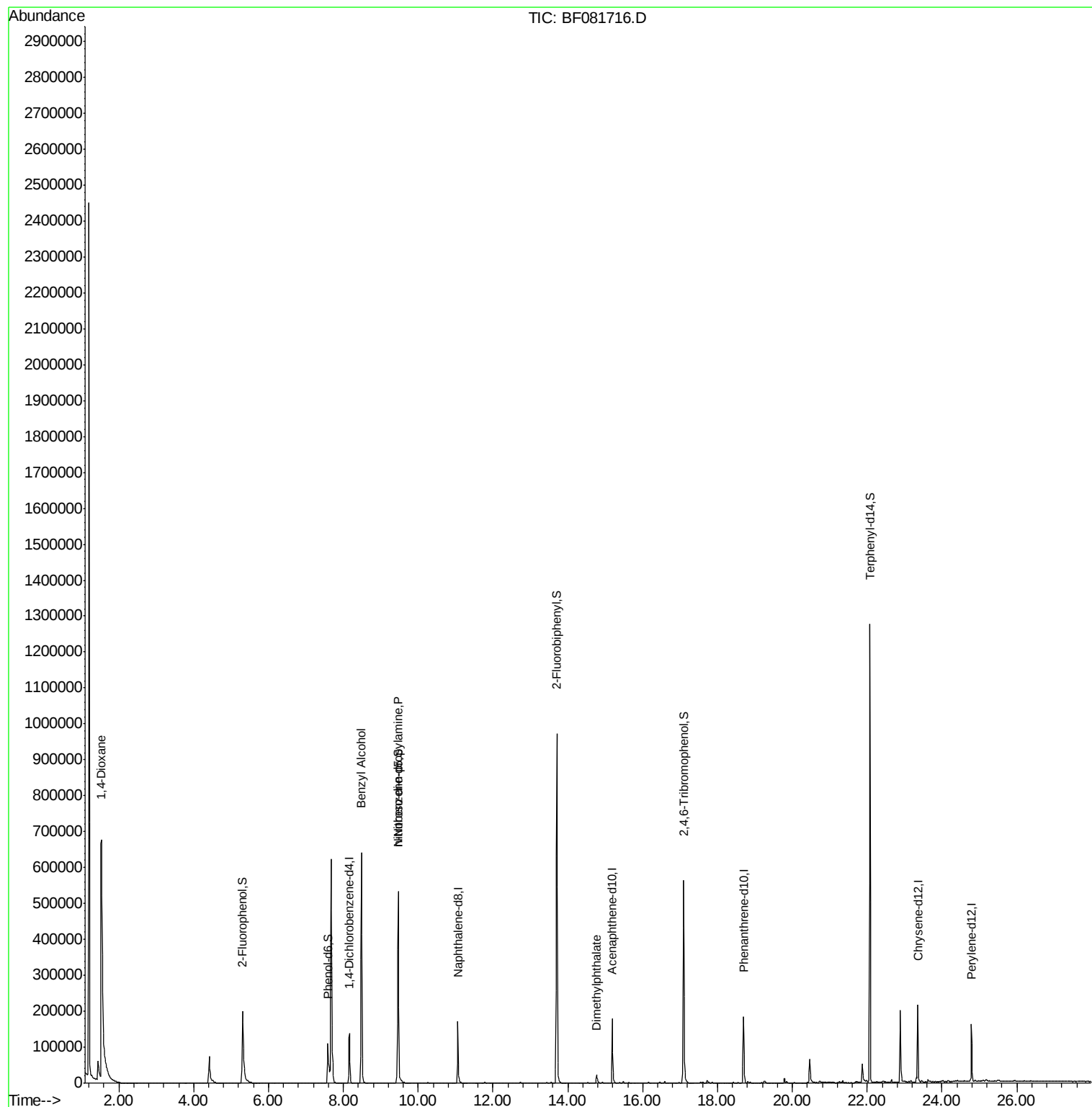
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	40654	20.00	ng	-0.06
21) Naphthalene-d8	11.05	136	154400	20.00	ng	-0.07
38) Acenaphthene-d10	15.19	164	71987	20.00	ng	-0.07
63) Phenanthrene-d10	18.70	188	147488	20.00	ng	-0.06
75) Chrysene-d12	23.35	240	117400	20.00	ng	-0.03
86) Perylene-d12	24.78	264	82991	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	129825	49.55	ng	-0.04
7) Phenol-d6	7.59	99	108704	31.34	ng	-0.06
23) Nitrobenzene-d5	9.46	82	324975	101.55	ng	-0.07
41) 2,4,6-Tribromophenol	17.10	330	109062	170.15	ng	-0.07
44) 2-Fluorobiphenyl	13.71	172	588319	104.73	ng	-0.07
78) Terphenyl-d14	22.07	244	525219	104.14	ng	-0.04
Target Compounds						
2) 1,4-Dioxane	1.52	88	44309	37.65	ng	# 11
15) Benzyl Alcohol	8.48	79	5715	2.01	ng	# 36
19) n-Nitroso-di-n-propylamine	9.46	70	40064	16.97	ng	# 67
49) Dimethylphthalate	14.77	163	24480	4.38	ng	# 92

(#) = 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: BF081716.D

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Instrument :

BNA_F

ClientSampleId :

PZ-4-9-16-15

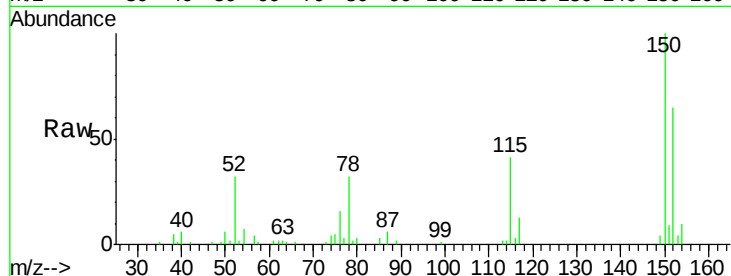
Tgt Ion:152 Resp: 40654

Ion Ratio Lower Upper

152 100

150 154.8 124.7 187.1

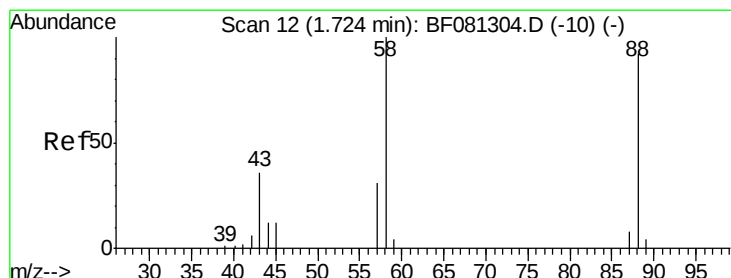
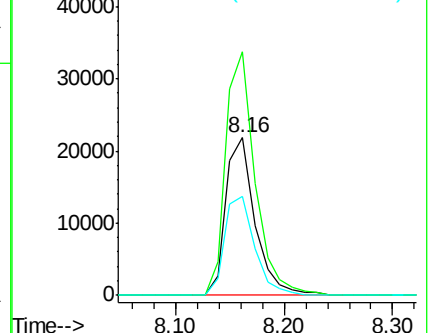
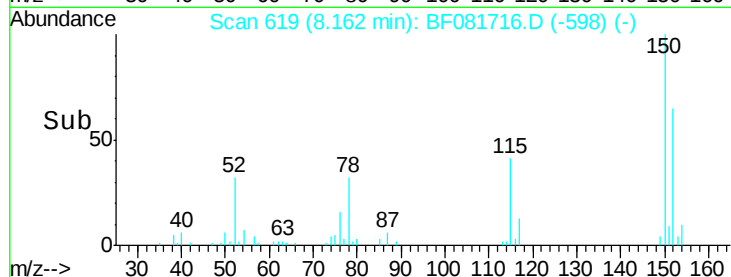
115 63.3 39.0 58.4#



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



#2

1,4-Dioxane

Concen: 37.65 ng

RT: 1.52 min Scan# 38

Delta R.T. -0.04 min

Lab File: BF081716.D

Acq: 21 Sep 2015 16:01

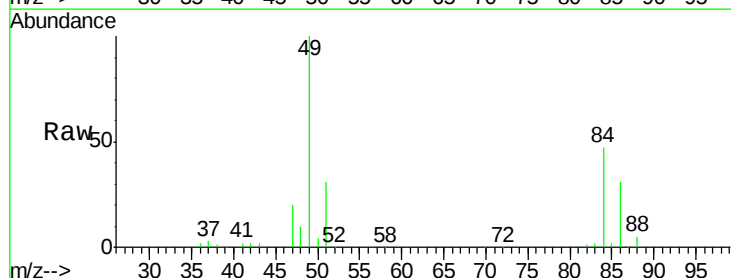
Tgt Ion: 88 Resp: 44309

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

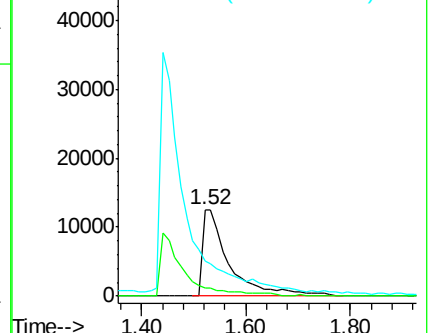
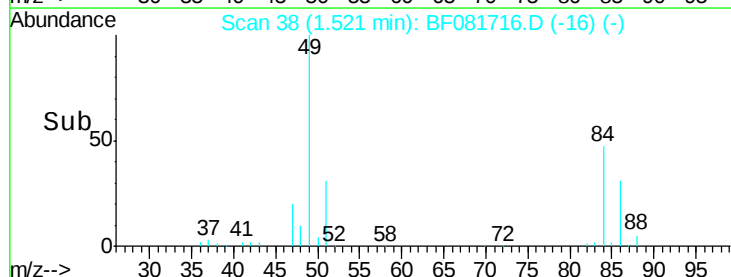
43 0.0 26.6 40.0#

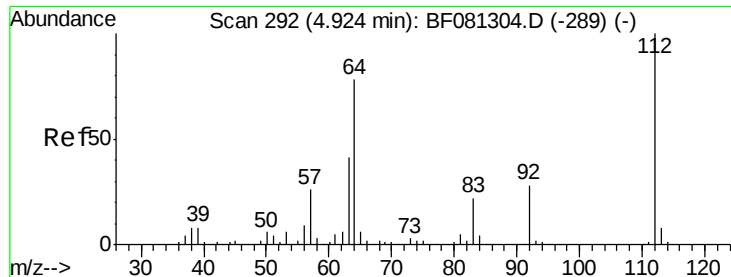


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

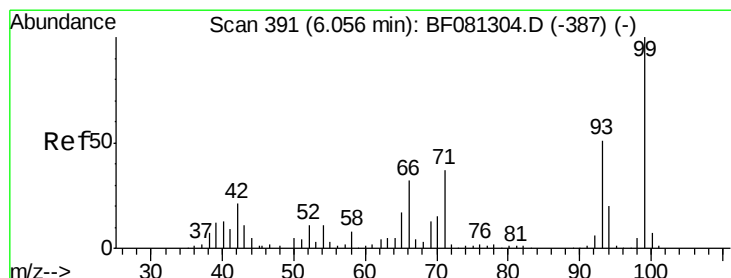
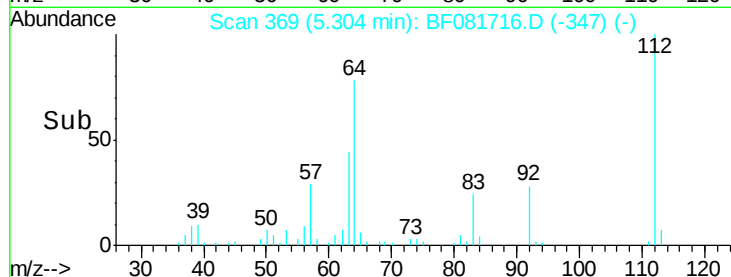
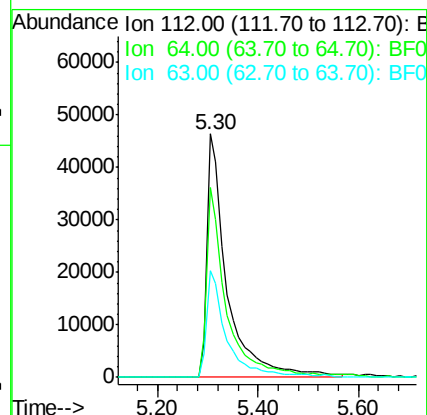
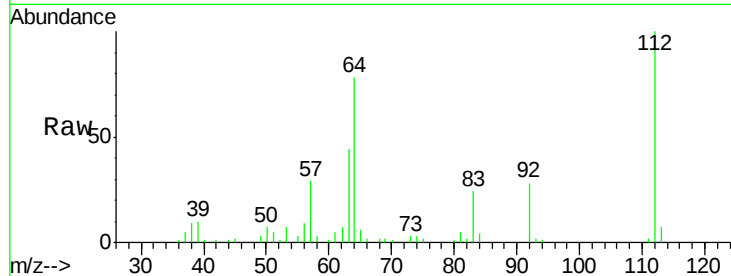




#5
 2-Fluorophenol
 Concen: 49.55 ng
 RT: 5.30 min Scan# 369
 Delta R.T. -0.04 min
 Lab File: BF081716.D
 Acq: 21 Sep 2015 16:01

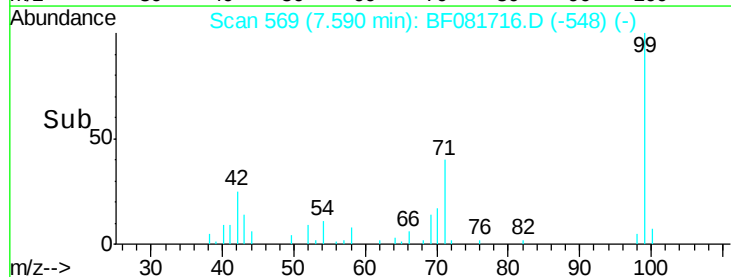
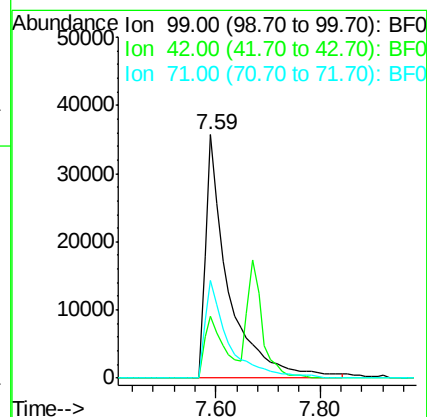
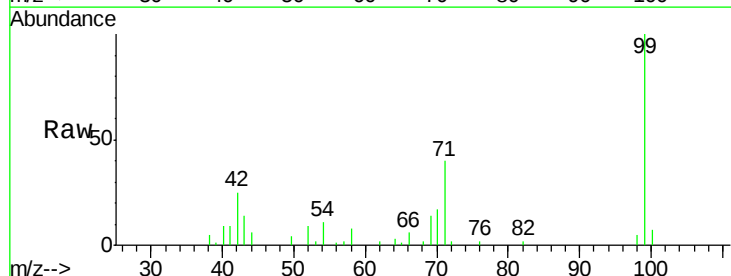
Instrument :
 BNA_F
 ClientSampleId :
 PZ-4-9-16-15

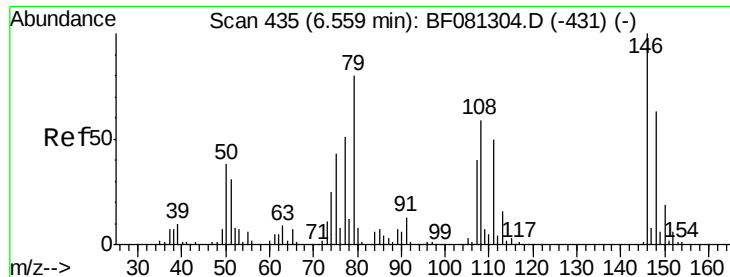
Tgt Ion: 112 Resp: 129825
 Ion Ratio Lower Upper
 112 100
 64 78.2 39.7 59.5#
 63 43.9 17.4 26.0#



#7
 Phenol-d6
 Concen: 31.34 ng
 RT: 7.59 min Scan# 569
 Delta R.T. -0.06 min
 Lab File: BF081716.D
 Acq: 21 Sep 2015 16:01

Tgt Ion: 99 Resp: 108704
 Ion Ratio Lower Upper
 99 100
 42 25.5 13.7 20.5#
 71 40.0 14.2 21.2#





#15

Benzyl Alcohol

Concen: 2.01 ng

RT: 8.48 min Scan# 647

Delta R.T. -0.18 min

Lab File: BF081716.D

Acq: 21 Sep 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PZ-4-9-16-15

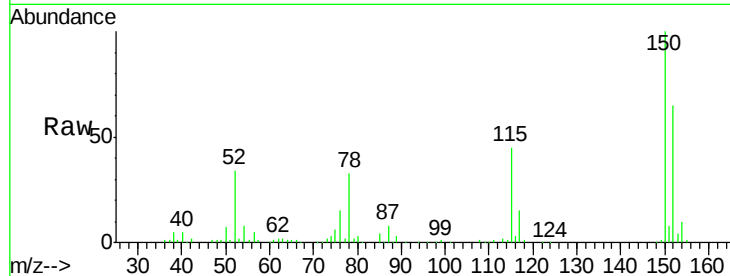
Tgt Ion: 79 Resp: 5715

Ion Ratio Lower Upper

79 100

108 30.6 88.6 132.8#

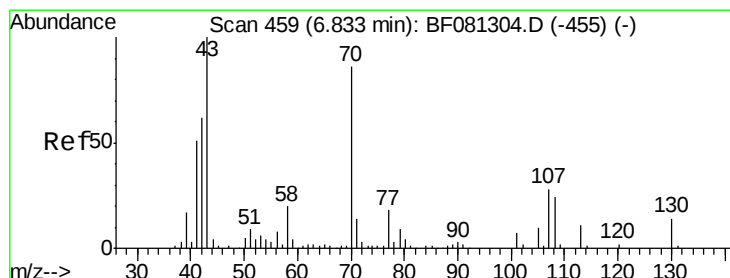
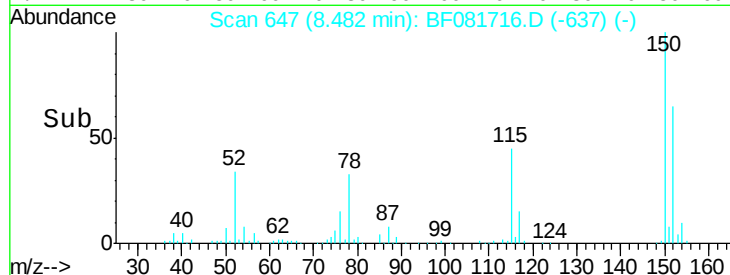
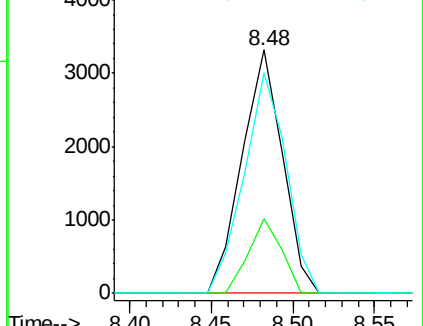
77 90.4 47.0 70.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 16.97 ng

RT: 9.46 min Scan# 733

Delta R.T. 0.17 min

Lab File: BF081716.D

Acq: 21 Sep 2015 16:01

Tgt Ion: 70 Resp: 40064

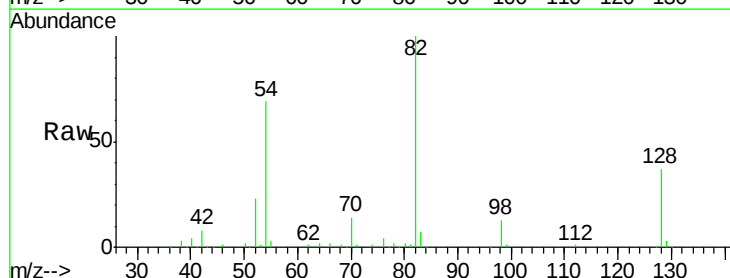
Ion Ratio Lower Upper

70 100

42 58.8 63.8 95.6#

101 0.0 9.2 13.8#

130 1.7 27.3 40.9#

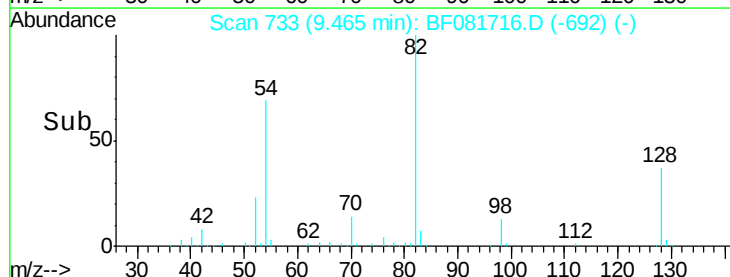
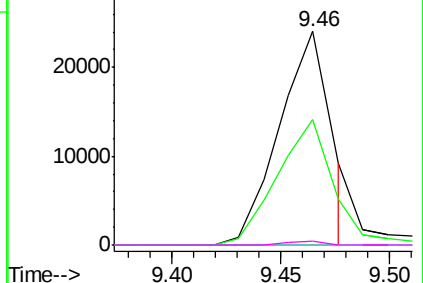


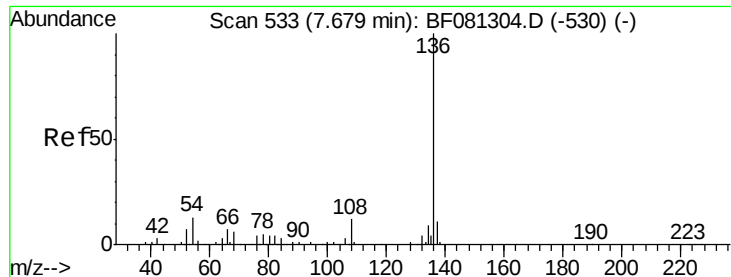
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

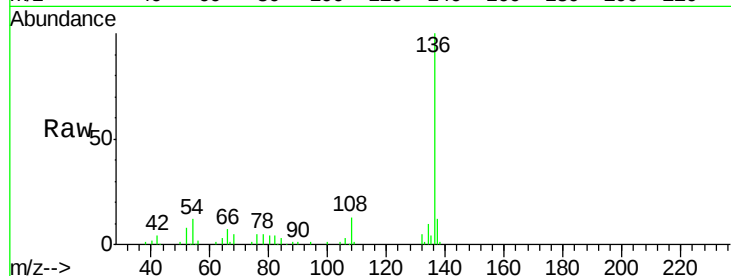




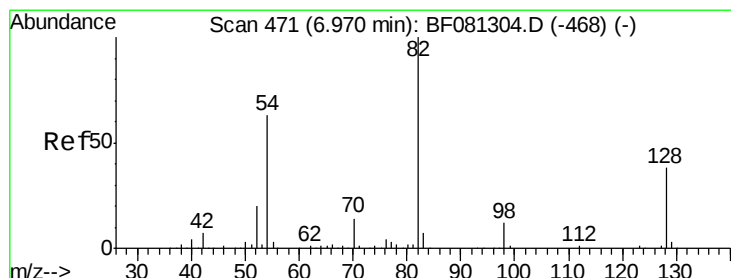
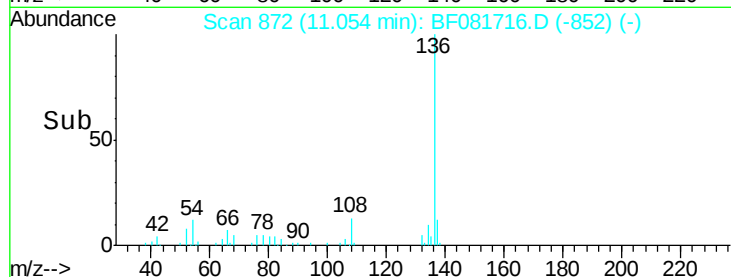
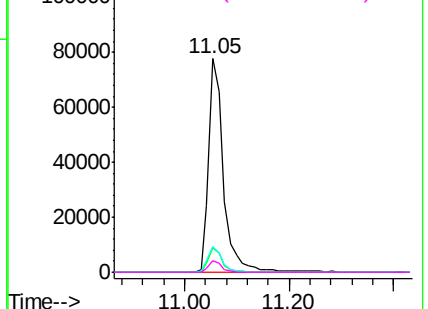
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.05 min Scan# 872
Delta R.T. -0.07 min
Lab File: BF081716.D
Acq: 21 Sep 2015 16:01

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ClientSampleId :
PZ-4-9-16-15

Tgt Ion:	136	Resp:	154400
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	12.1	8.2	12.2
68	5.1	5.8	8.6#

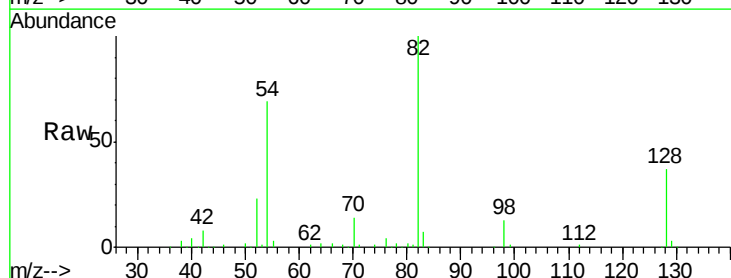


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

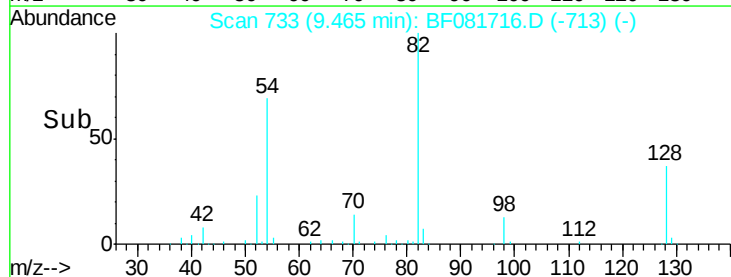
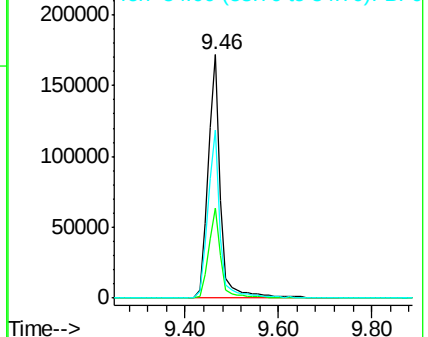


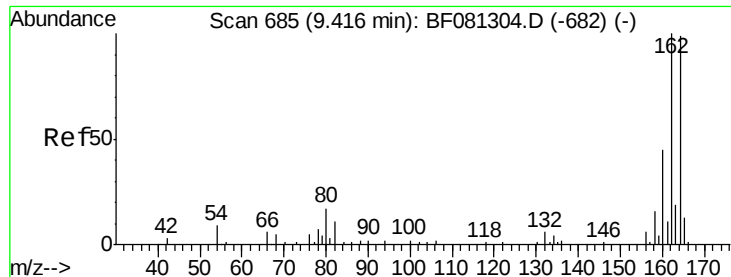
#23
Nitrobenzene-d5
Concen: 101.55 ng
RT: 9.46 min Scan# 733
Delta R.T. -0.07 min
Lab File: BF081716.D
Acq: 21 Sep 2015 16:01

Tgt Ion:	82	Resp:	324975
Ion	Ratio	Lower	Upper
82	100		
128	37.1	51.0	76.6#
54	68.9	47.5	71.3



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.19 min Scan# 1234

Delta R.T. -0.07 min

Lab File: BF081716.D

Acq: 21 Sep 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PZ-4-9-16-15

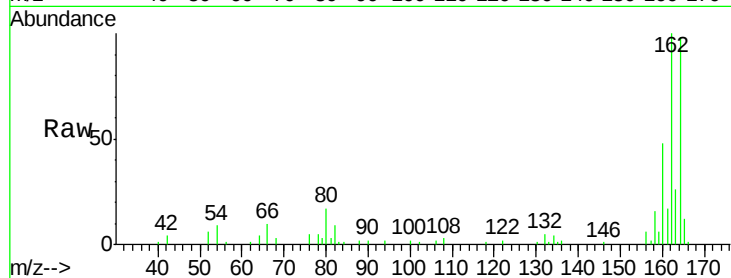
Tgt Ion:164 Resp: 71987

Ion Ratio Lower Upper

164 100

162 102.3 75.2 112.8

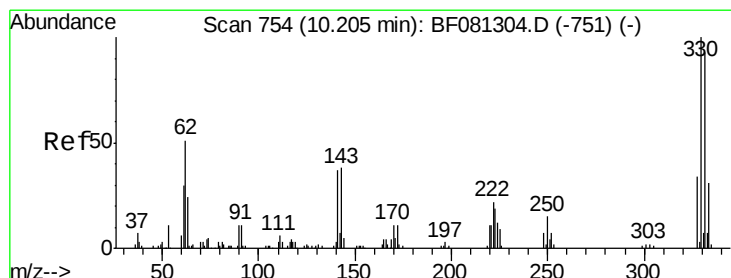
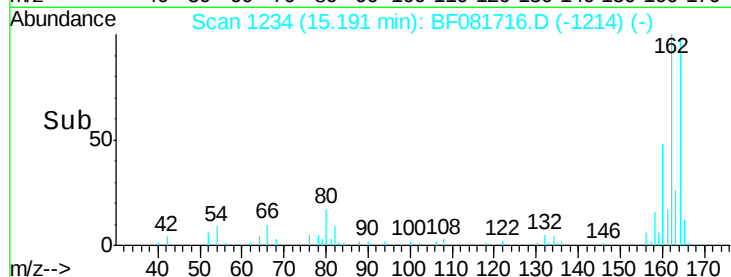
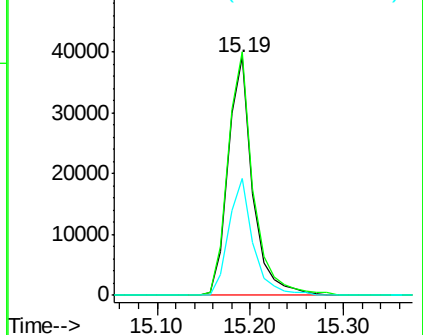
160 49.0 31.5 47.3#



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: 170.15 ng

RT: 17.10 min Scan# 1401

Delta R.T. -0.07 min

Lab File: BF081716.D

Acq: 21 Sep 2015 16:01

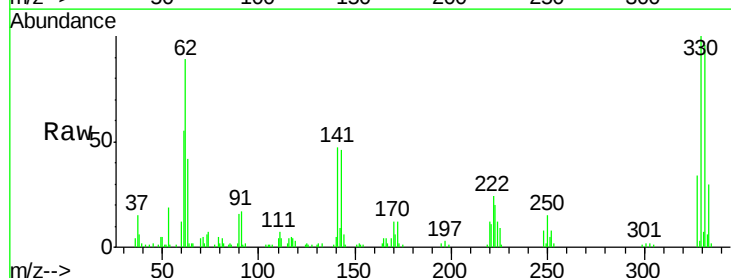
Tgt Ion:330 Resp: 109062

Ion Ratio Lower Upper

330 100

332 96.7 76.6 114.8

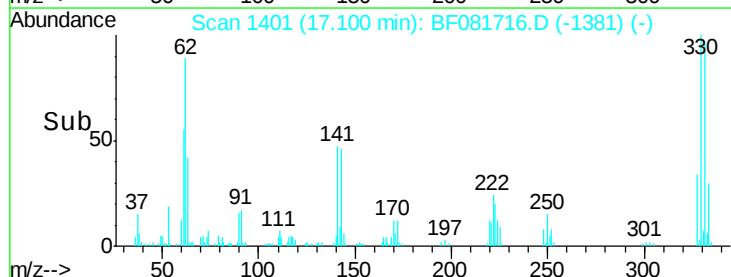
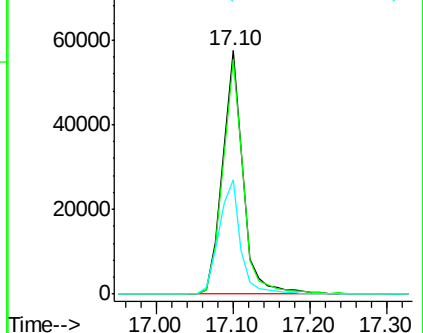
141 48.7 29.7 44.5#

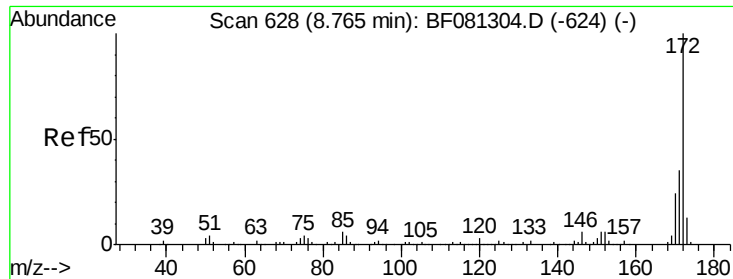


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

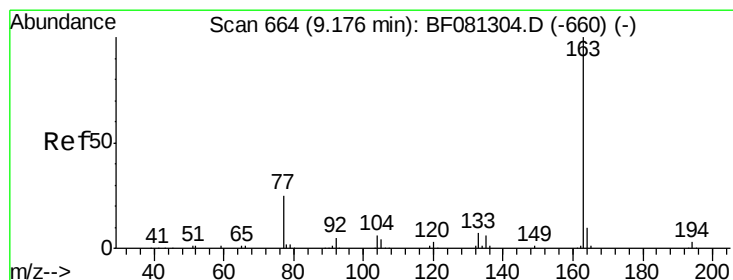
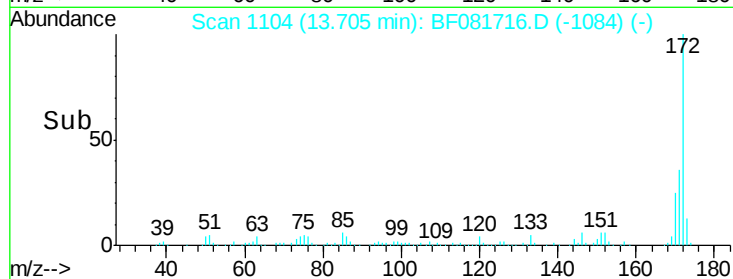
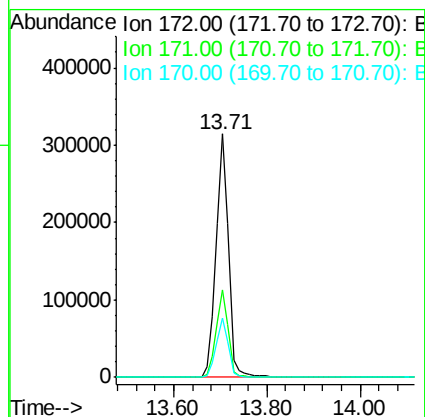
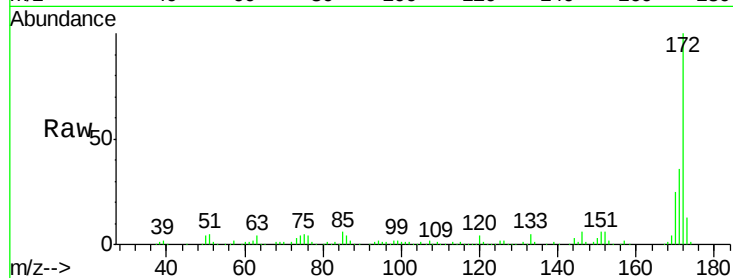




#44
 2-Fluorobiphenyl
 Concen: 104.73 ng
 RT: 13.71 min Scan# 1104
 Delta R.T. -0.07 min
 Lab File: BF081716.D
 Acq: 21 Sep 2015 16:01

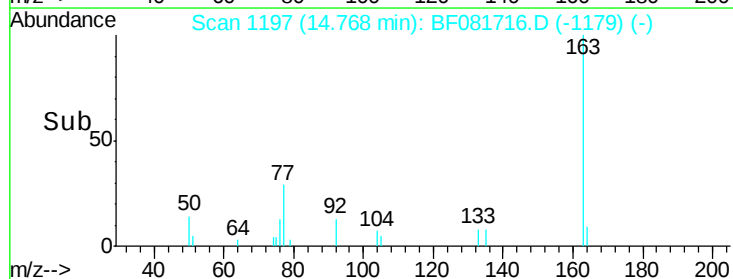
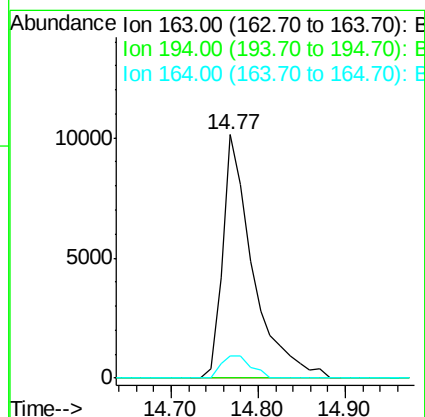
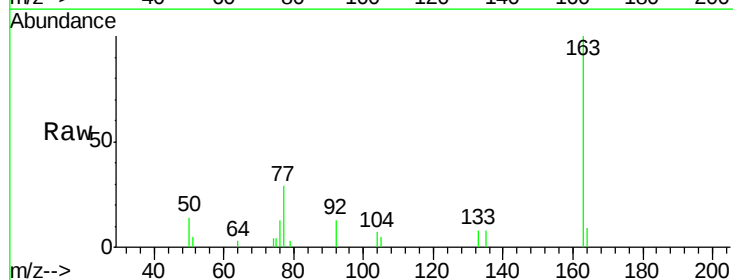
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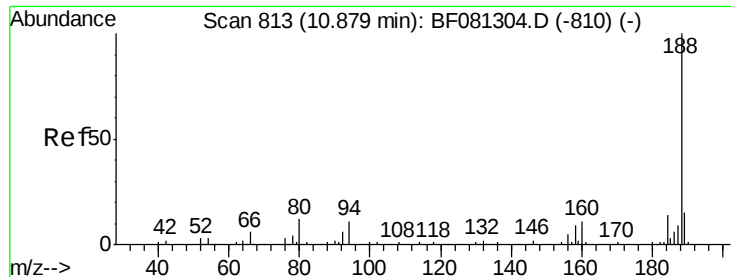
Tgt Ion:172 Resp: 588319
 Ion Ratio Lower Upper
 172 100
 171 35.7 26.1 39.1
 170 24.6 17.4 26.2



#49
 Dimethylphthalate
 Concen: 4.38 ng
 RT: 14.77 min Scan# 1197
 Delta R.T. -0.09 min
 Lab File: BF081716.D
 Acq: 21 Sep 2015 16:01

Tgt Ion:163 Resp: 24480
 Ion Ratio Lower Upper
 163 100
 194 0.0 4.4 6.6#
 164 9.3 8.3 12.5

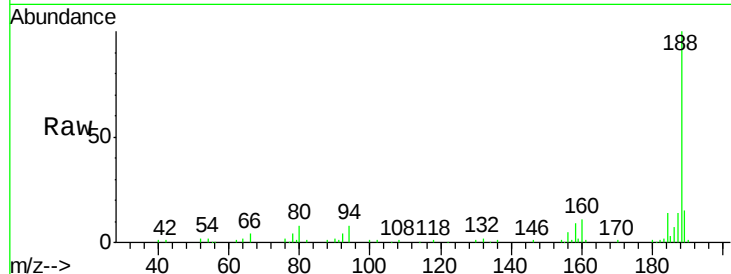




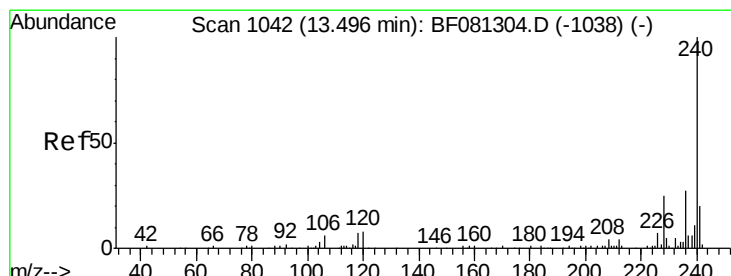
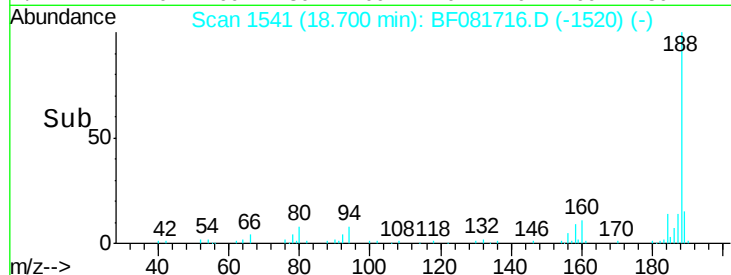
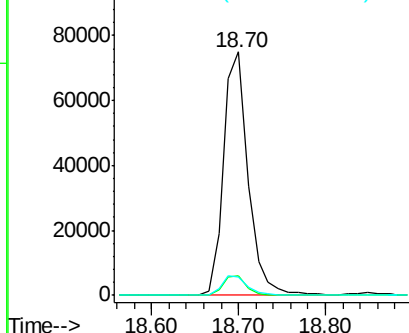
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.70 min Scan# 1541
Delta R.T. -0.06 min
Lab File: BF081716.D
Acq: 21 Sep 2015 16:01

Instrument :
BNA_F
ClientSampleId :
PZ-4-9-16-15

Tgt Ion:188 Resp: 147488
Ion Ratio Lower Upper
188 100
94 8.0 11.1 16.7#
80 7.5 11.0 16.4#

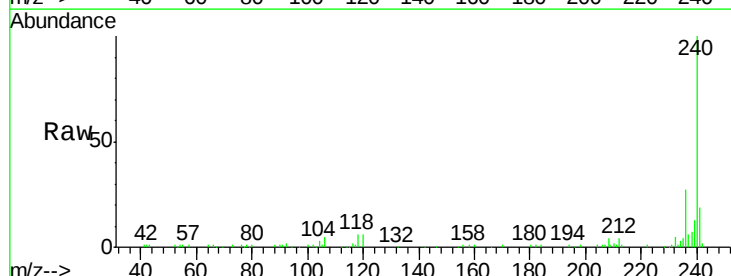


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

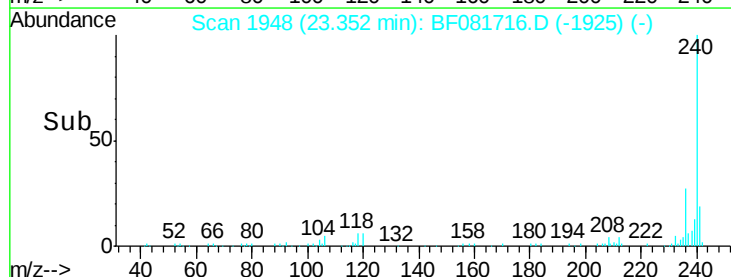
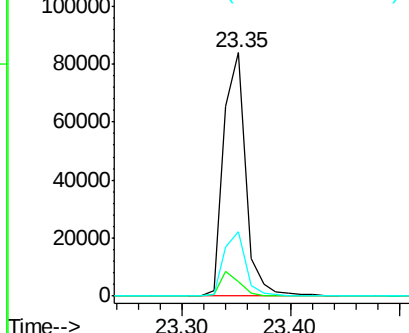


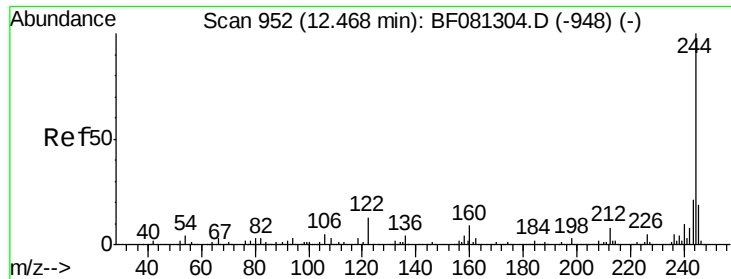
#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.35 min Scan# 1948
Delta R.T. -0.03 min
Lab File: BF081716.D
Acq: 21 Sep 2015 16:01

Tgt Ion:240 Resp: 117400
Ion Ratio Lower Upper
240 100
120 6.0 16.2 24.2#
236 26.5 18.4 27.6



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: 104.14 ng

RT: 22.07 min Scan# 1836

Delta R.T. -0.04 min

Lab File: BF081716.D

Acq: 21 Sep 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PZ-4-9-16-15

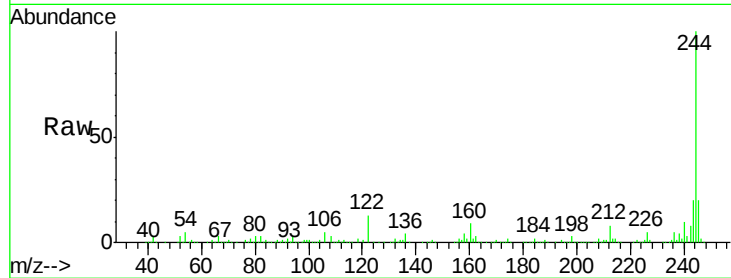
Tgt Ion:244 Resp: 525219

Ion Ratio Lower Upper

244 100

212 8.2 4.3 6.5#

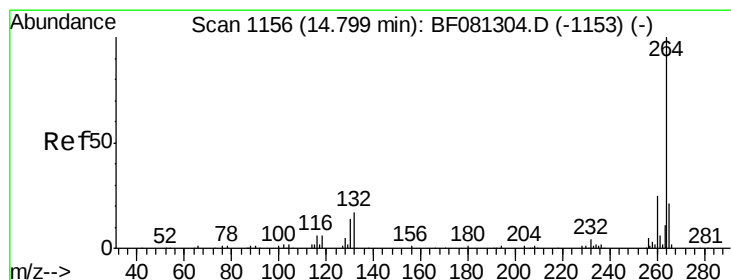
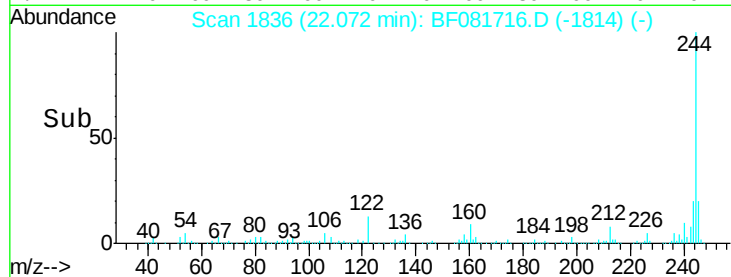
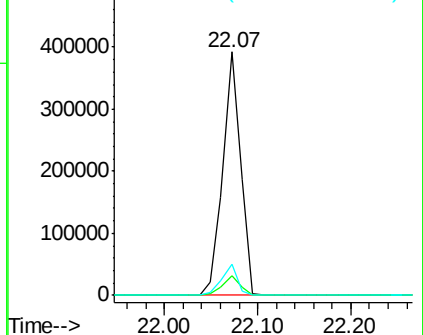
122 12.8 17.4 26.2#



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: 24.78 min Scan# 2073

Delta R.T. -0.03 min

Lab File: BF081716.D

Acq: 21 Sep 2015 16:01

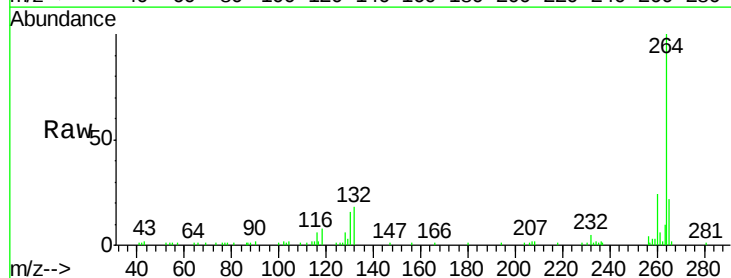
Tgt Ion:264 Resp: 82991

Ion Ratio Lower Upper

264 100

260 24.0 16.7 25.1

265 21.8 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

