

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080415\
 Data File : BF080856.D
 Acq On : 5 Aug 2015 00:26
 Operator : TP/UM
 Sample : G3150-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-22-17

Quant Time: Aug 05 07:47:28 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 05 01:46:16 2015
 Response via : Initial Calibration

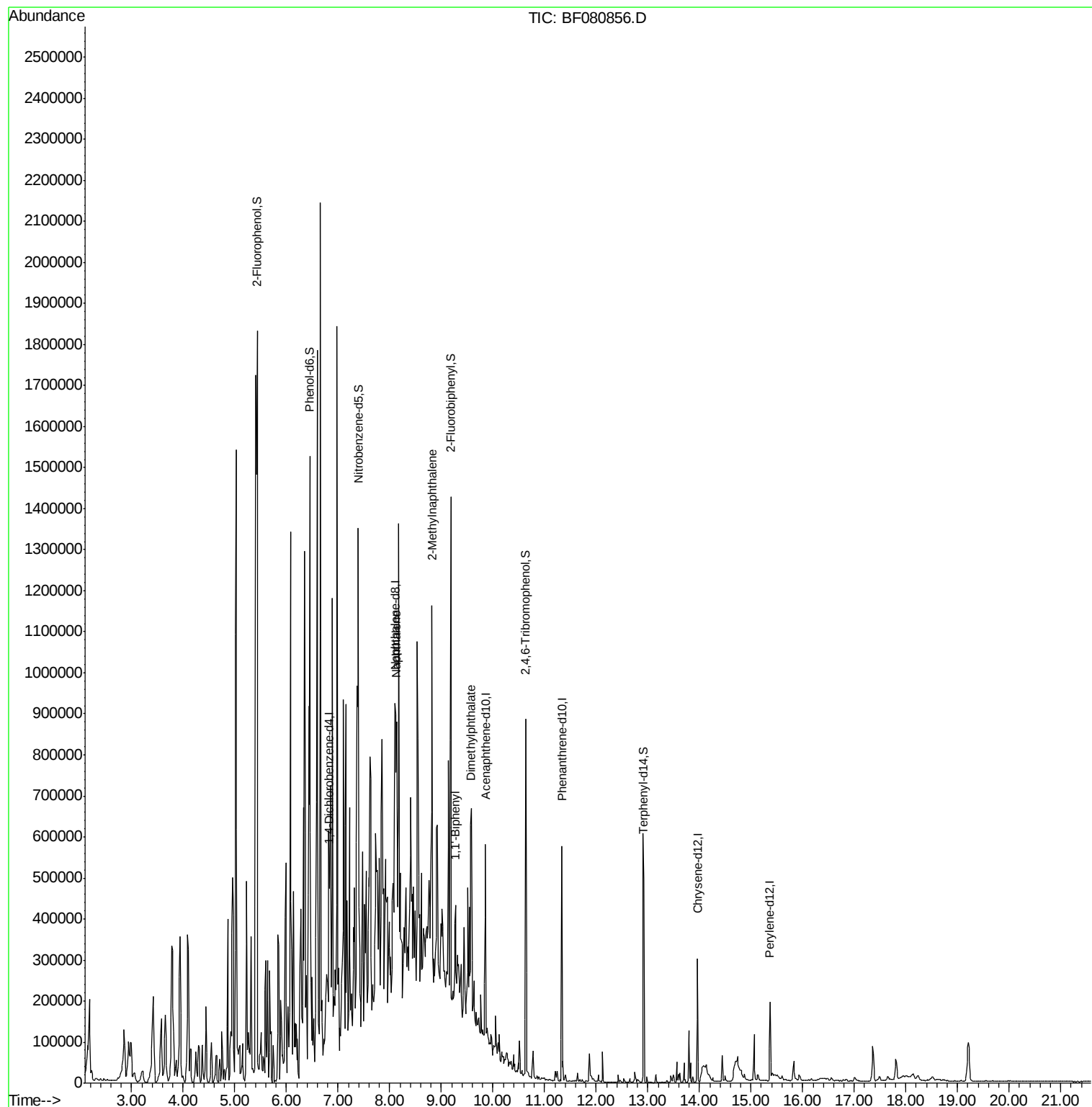
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	65176	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	245824	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	105728	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	193188	20.00	ng	0.00
75) Chrysene-d12	13.96	240	119874	20.00	ng	0.00
86) Perylene-d12	15.37	264	82976	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	512755	119.07	ng	0.01
7) Phenol-d6	6.45	99	625245	111.07	ng	0.00
23) Nitrobenzene-d5	7.39	82	450501	86.37	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	96993	95.13	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	448174	57.08	ng	0.00
78) Terphenyl-d14	12.92	244	264210	39.89	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.13	128	292750	21.86	ng	98
37) 2-Methylnaphthalene	8.82	142	259045	32.28	ng	100
45) 1,1'-Biphenyl	9.28	154	25271	2.59	ng	94
49) Dimethylphthalate	9.57	163	129794	16.83	ng	99

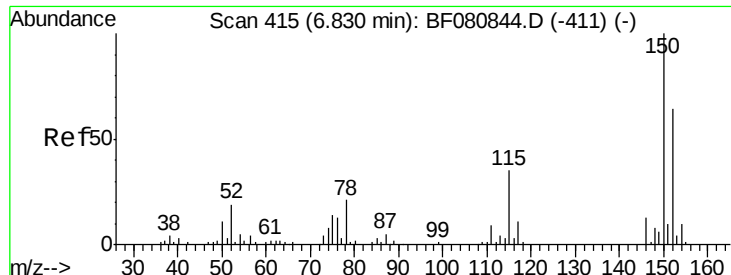
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF080856.D

Acq: 5 Aug 2015 00:26

Instrument :

BNA_F

ClientSampleId :

TU021-SB-22-17

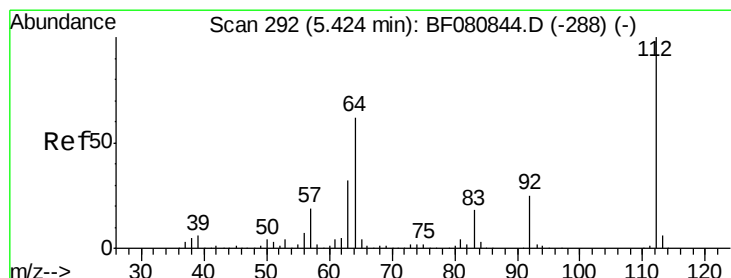
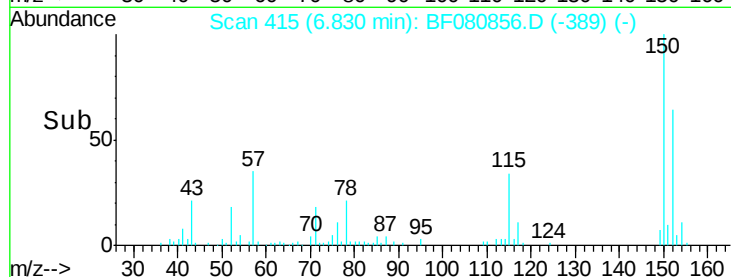
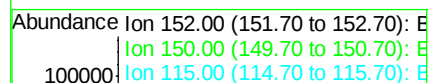
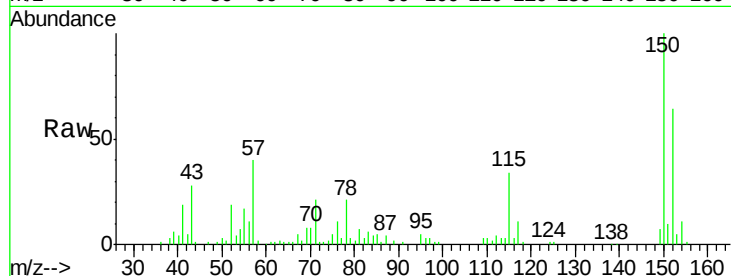
Tgt Ion:152 Resp: 65176

Ion Ratio Lower Upper

152 100

150 155.5 124.6 187.0

115 53.6 44.2 66.4



#5

2-Fluorophenol

Concen: 119.07 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF080856.D

Acq: 5 Aug 2015 00:26

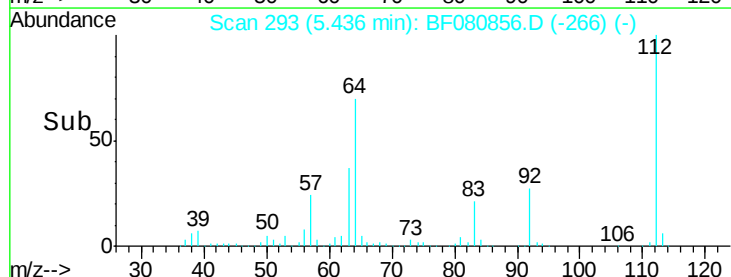
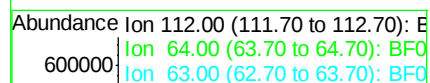
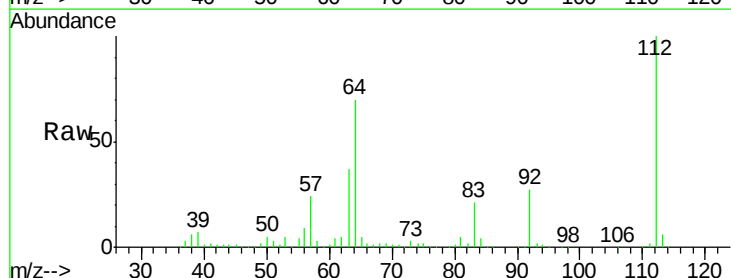
Tgt Ion:112 Resp: 512755

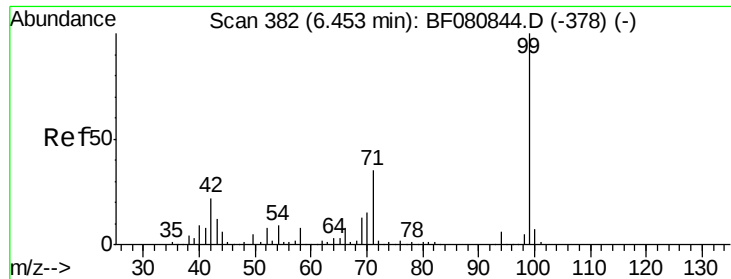
Ion Ratio Lower Upper

112 100

64 70.3 49.5 74.3

63 36.6 25.3 37.9





#7

Phenol-d6

Concen: 111.07 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF080856.D

Acq: 5 Aug 2015 00:26

Instrument :

BNA_F

ClientSampleId :

TU021-SB-22-17

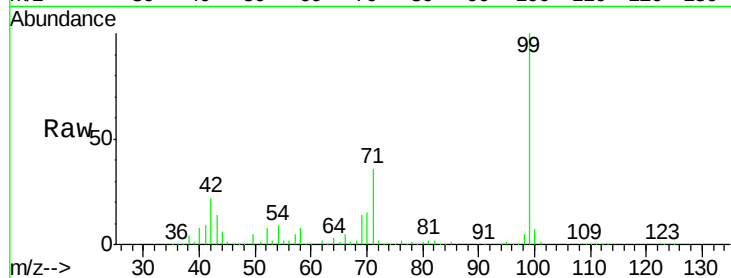
Tgt Ion: 99 Resp: 625245

Ion Ratio Lower Upper

99 100

42 22.3 17.9 26.9

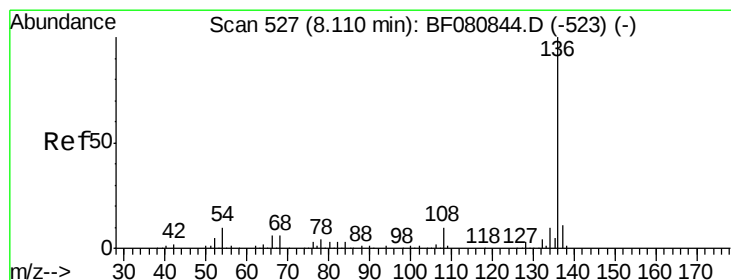
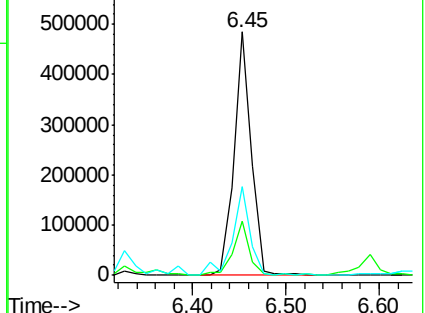
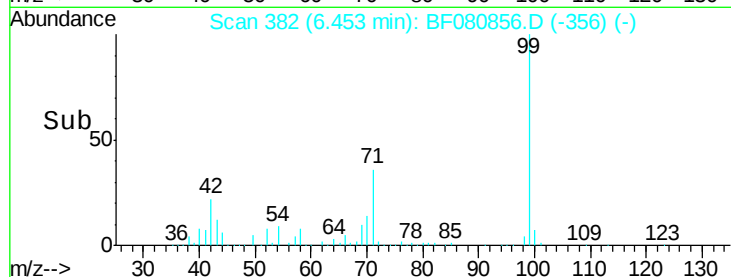
71 36.2 28.2 42.4



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: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF080856.D

Acq: 5 Aug 2015 00:26

Tgt Ion: 136 Resp: 245824

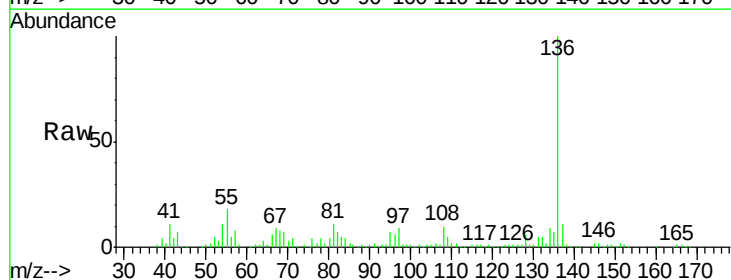
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 11.4 8.3 12.5

68 7.5 4.8 7.2#

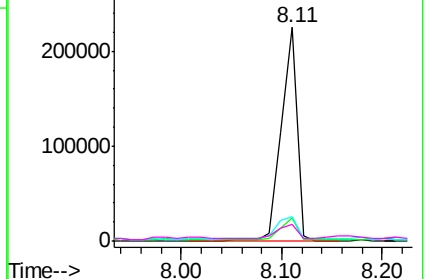
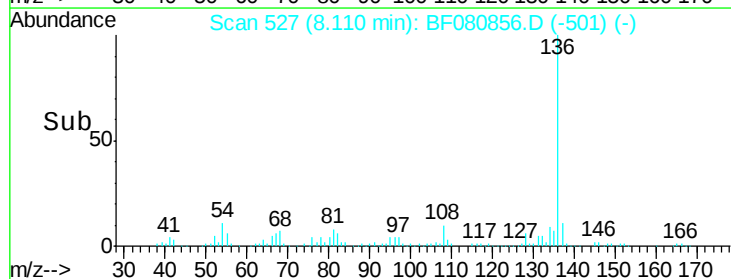


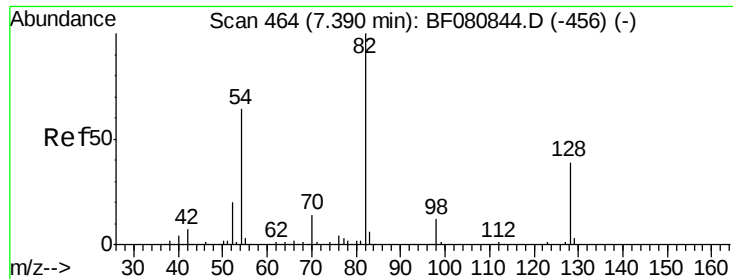
Abundance Ion 136.00 (135.70 to 136.70): E

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

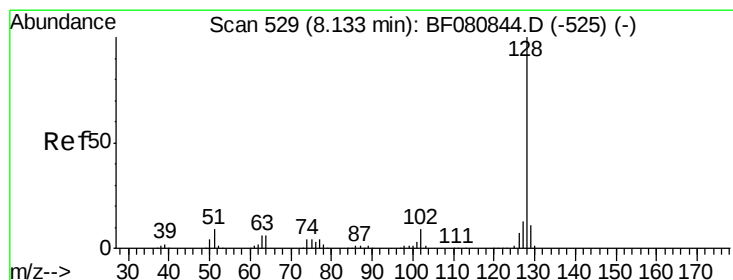
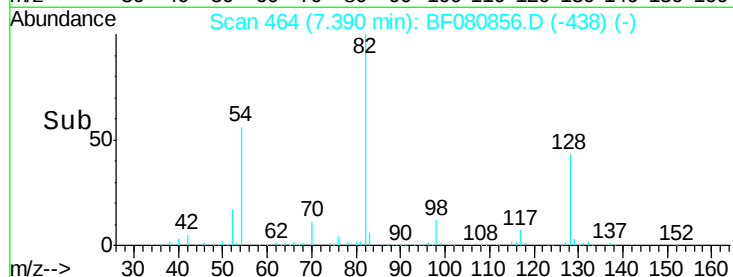
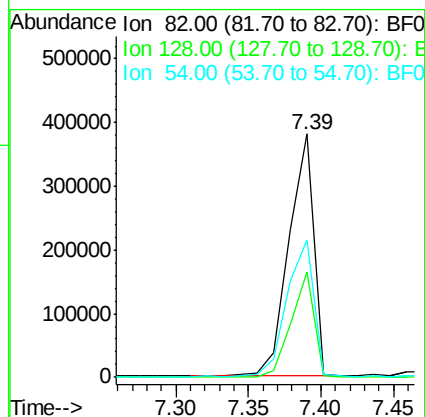
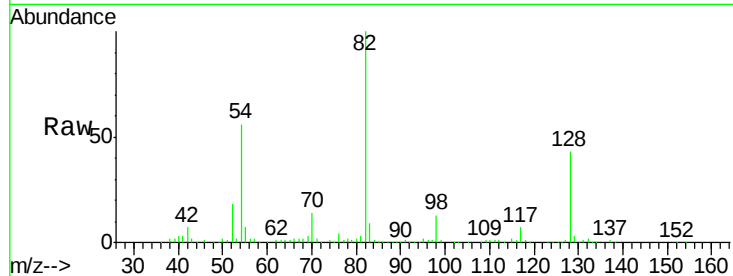




#23
Nitrobenzene-d5
Concen: 86.37 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF080856.D
Acq: 5 Aug 2015 00:26

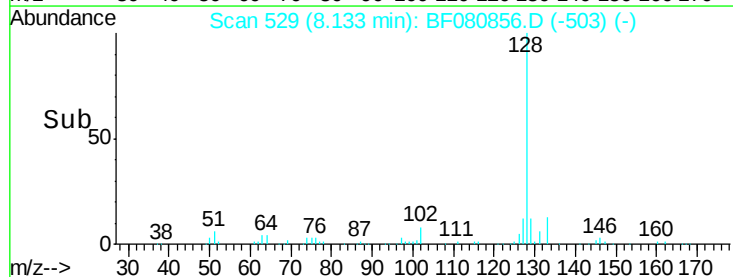
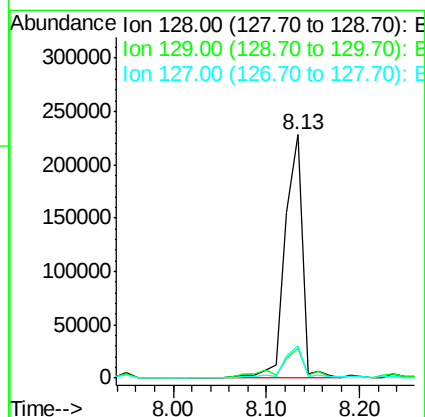
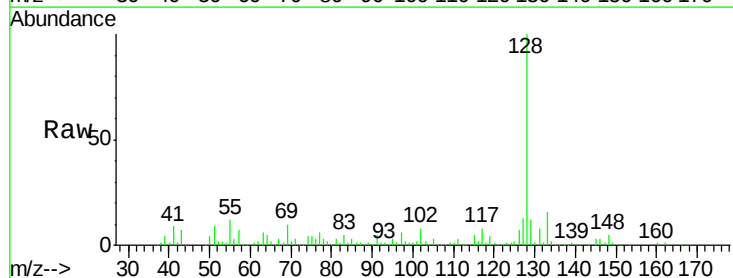
Instrument :
BNA_F
ClientSampleId :
TU021-SB-22-17

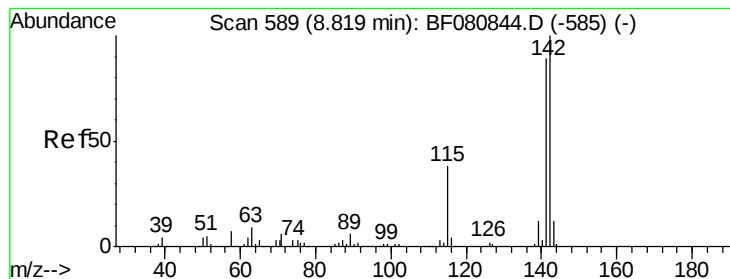
Tgt Ion: 82 Resp: 450501
Ion Ratio Lower Upper
82 100
128 43.1 31.0 46.4
54 56.5 51.0 76.6



#31
Naphthalene
Concen: 21.86 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF080856.D
Acq: 5 Aug 2015 00:26

Tgt Ion: 128 Resp: 292750
Ion Ratio Lower Upper
128 100
129 12.2 8.7 13.1
127 13.4 10.6 15.8





#37

2-Methylnaphthalene

Concen: 32.28 ng

RT: 8.82 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF080856.D

Acq: 5 Aug 2015 00:26

Instrument :

BNA_F

ClientSampleId :

TU021-SB-22-17

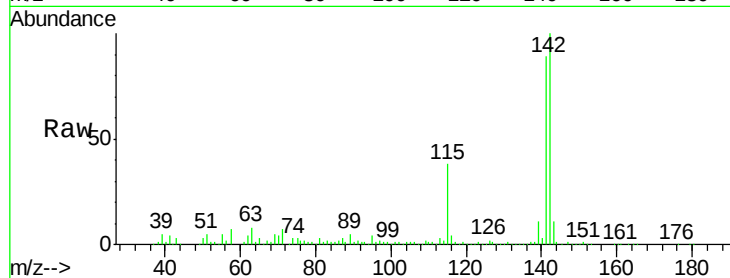
Tgt Ion:142 Resp: 259045

Ion Ratio Lower Upper

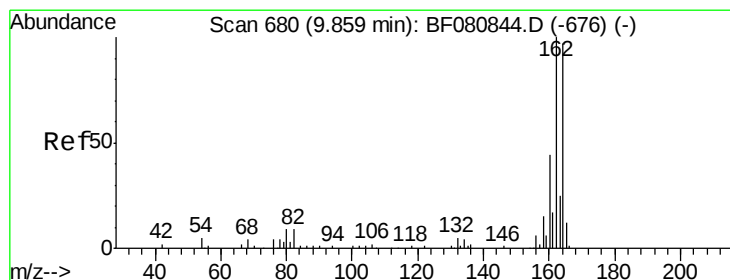
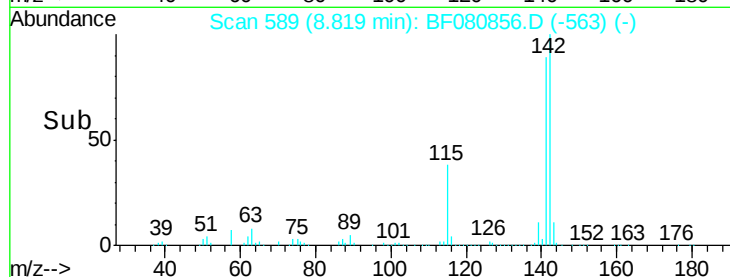
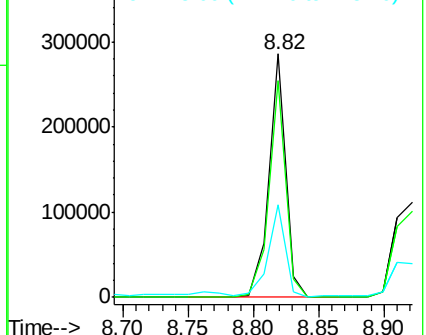
142 100

141 89.0 71.5 107.3

115 38.1 30.5 45.7



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: 9.86 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF080856.D

Acq: 5 Aug 2015 00:26

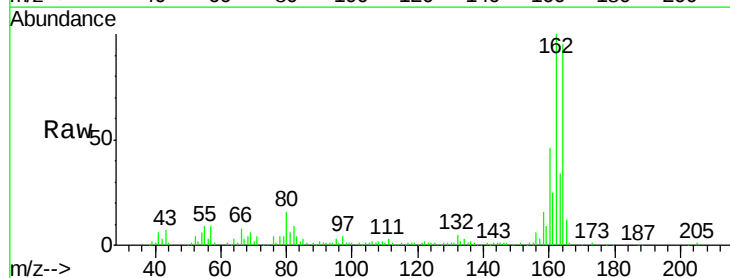
Tgt Ion:164 Resp: 105728

Ion Ratio Lower Upper

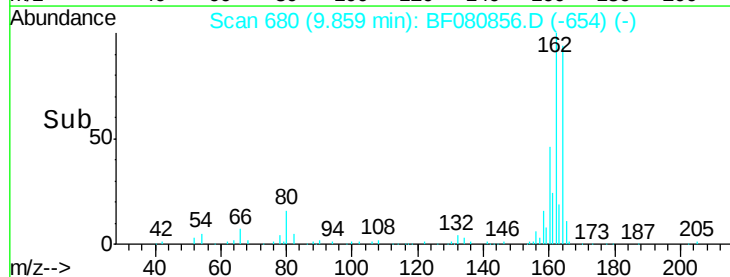
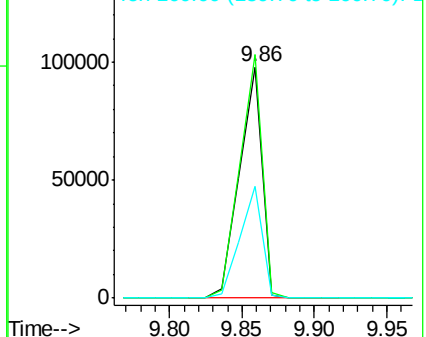
164 100

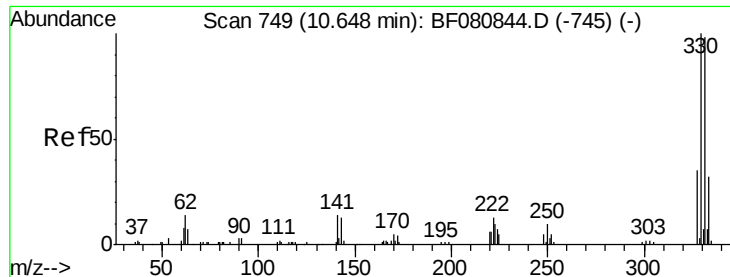
162 105.5 82.9 124.3

160 48.3 36.6 54.8



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

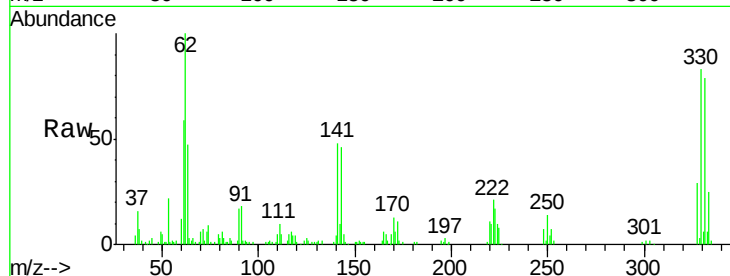




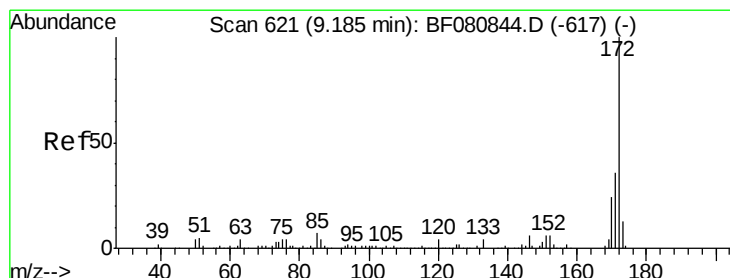
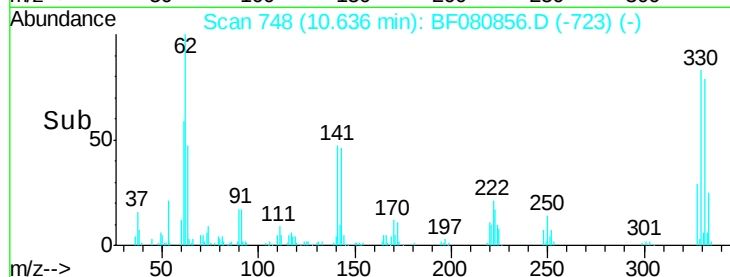
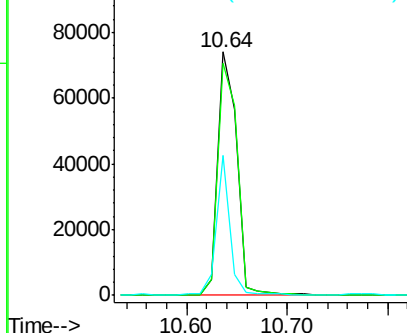
#41
 2,4,6-Tribromophenol
 Concen: 95.13 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.01 min
 Lab File: BF080856.D
 Acq: 5 Aug 2015 00:26

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-22-17

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.8	116.8
141	41.0	28.4	42.6

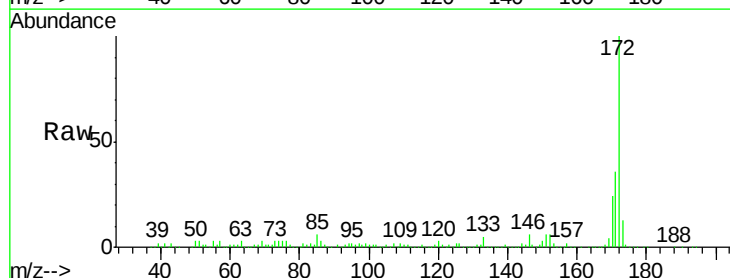


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

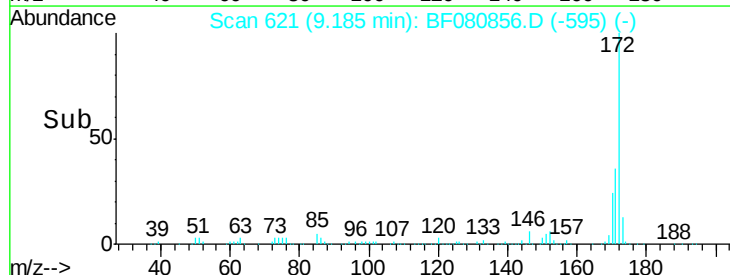
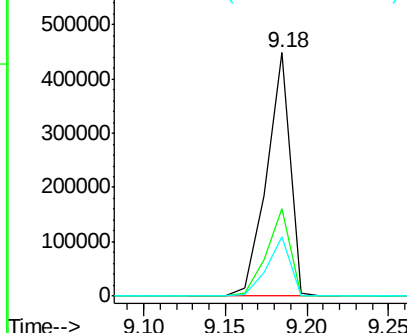


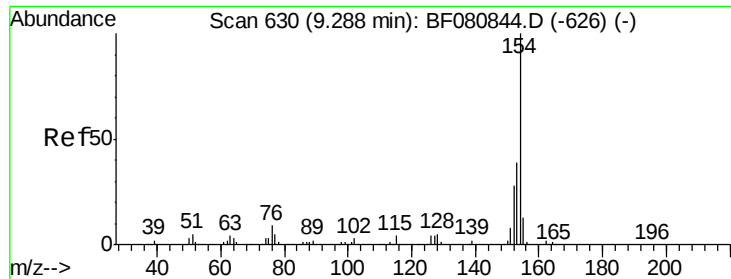
#44
 2-Fluorobiphenyl
 Concen: 57.08 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF080856.D
 Acq: 5 Aug 2015 00:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.9	43.3
170	24.2	19.4	29.2



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

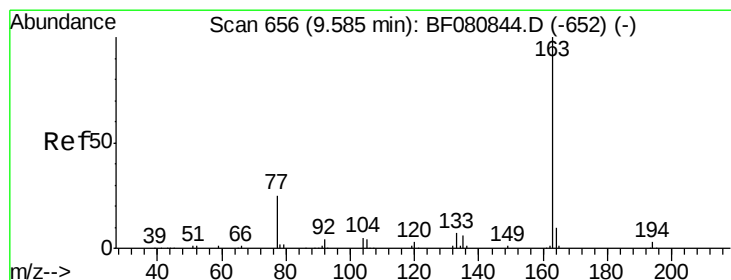
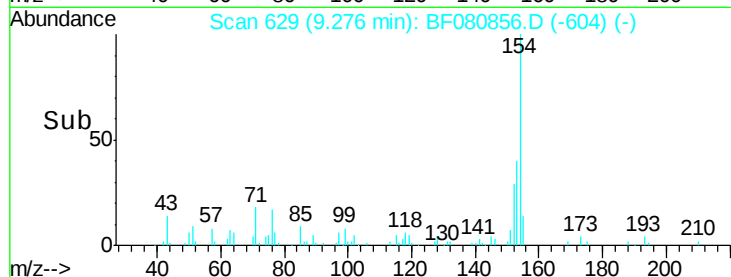
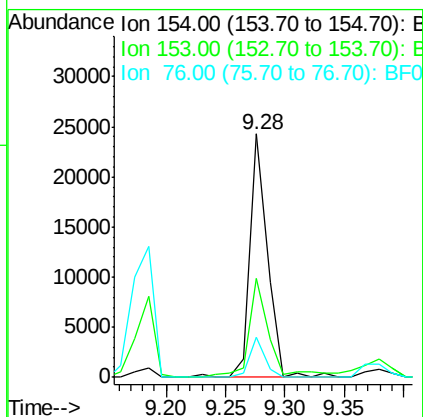
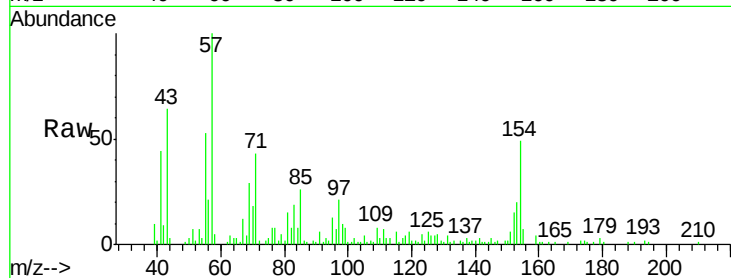




#45
 1,1'-Biphenyl
 Concen: 2.59 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF080856.D
 Acq: 5 Aug 2015 00:26

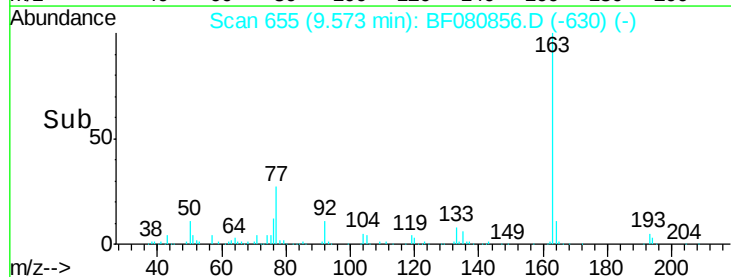
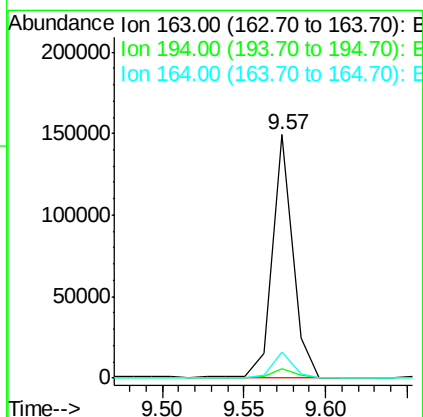
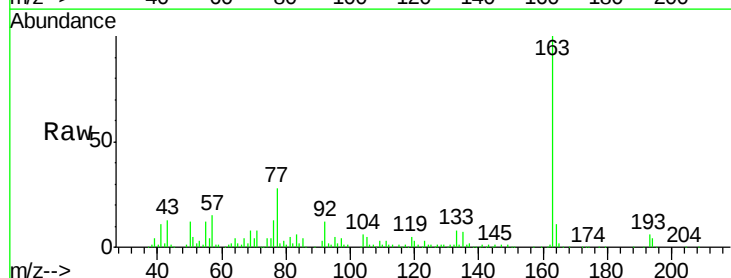
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 BNA_F
 ClientSampleId :
 TU021-SB-22-17

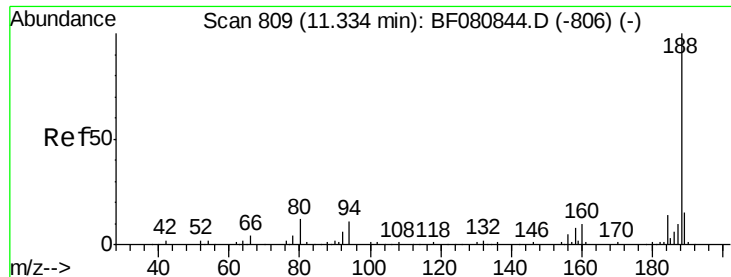
Tgt Ion:154 Resp: 25271
 Ion Ratio Lower Upper
 154 100
 153 40.8 19.2 59.2
 76 16.7 0.0 29.3



#49
 Dimethylphthalate
 Concen: 16.83 ng
 RT: 9.57 min Scan# 655
 Delta R.T. -0.01 min
 Lab File: BF080856.D
 Acq: 5 Aug 2015 00:26

Tgt Ion:163 Resp: 129794
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.6 4.0
 164 10.6 8.2 12.4

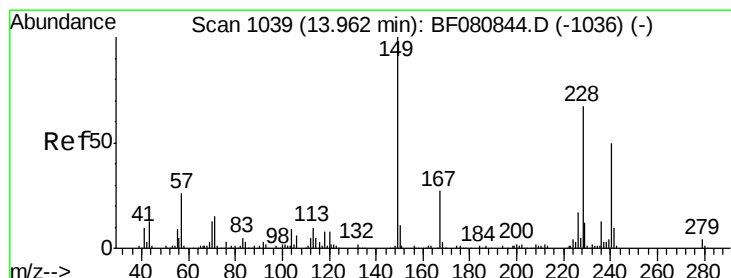
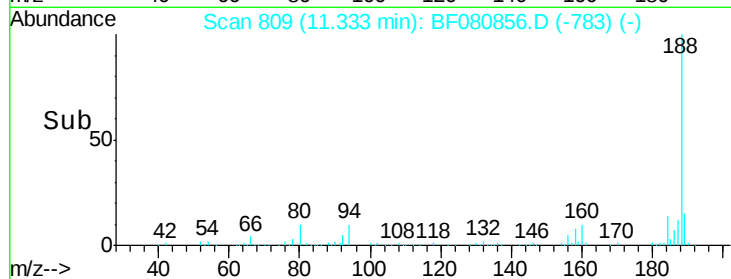
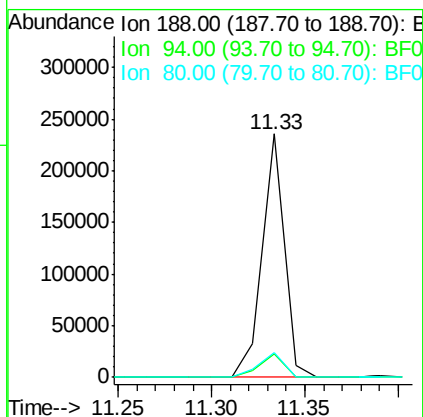
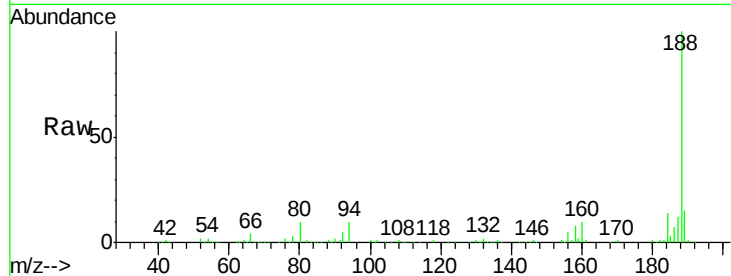




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF080856.D
Acq: 5 Aug 2015 00:26

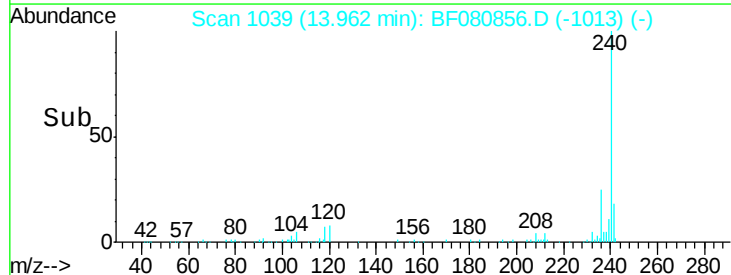
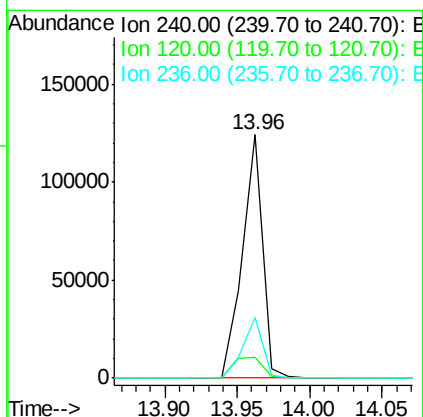
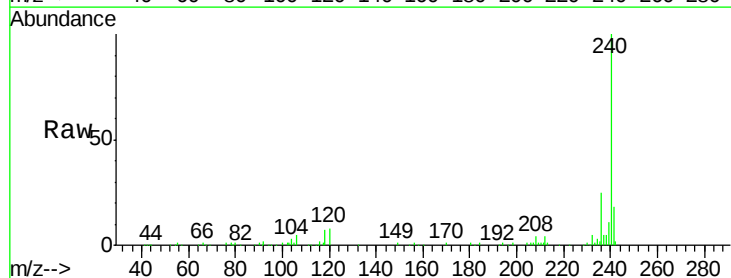
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ClientSampleId :
TU021-SB-22-17

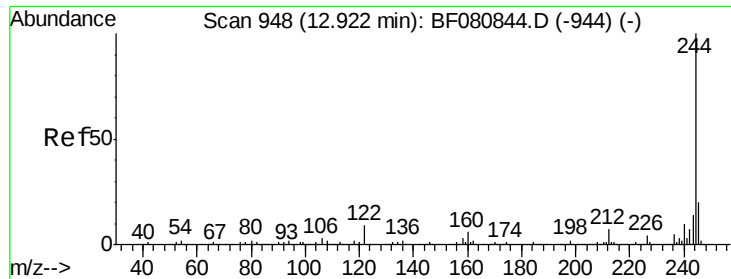
Tgt Ion:188 Resp: 193188
Ion Ratio Lower Upper
188 100
94 9.6 8.6 12.8
80 9.9 9.3 13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF080856.D
Acq: 5 Aug 2015 00:26

Tgt Ion:240 Resp: 119874
Ion Ratio Lower Upper
240 100
120 8.5 13.0 19.6#
236 24.8 20.7 31.1

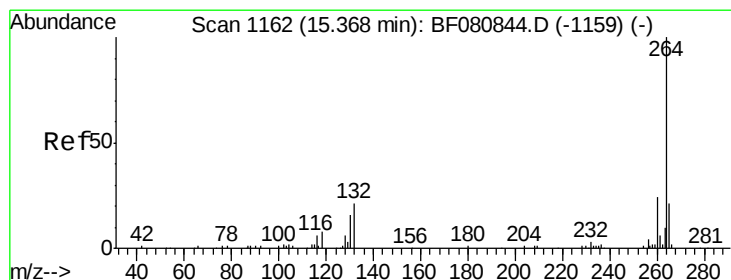
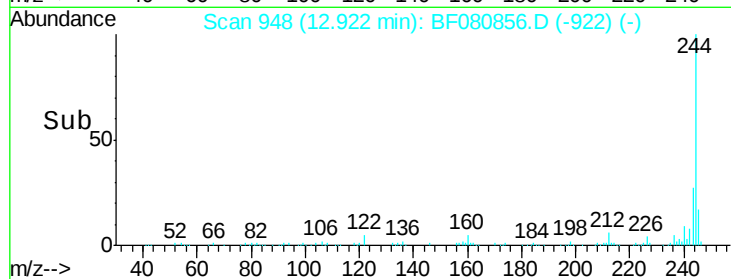
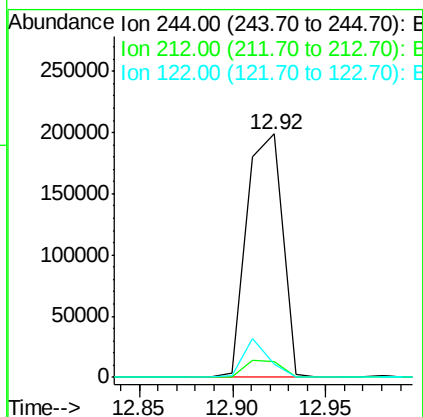
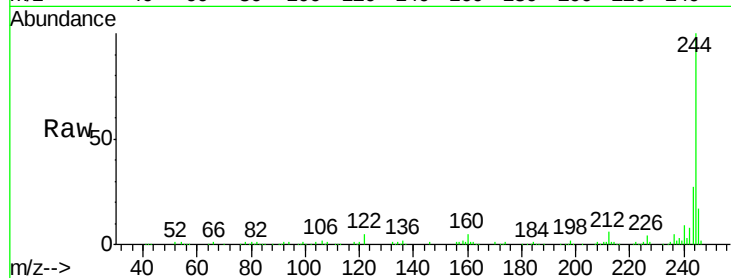




#78
 Terphenyl-d14
 Concen: 39.89 ng
 RT: 12.92 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: BF080856.D
 Acq: 5 Aug 2015 00:26

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-22-17

Tgt Ion:244 Resp: 264210
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.5 8.3
 122 5.5 7.1 10.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF080856.D
 Acq: 5 Aug 2015 00:26

Tgt Ion:264 Resp: 82976
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.9 28.3
 265 21.0 16.8 25.2

