

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
 Data File : BF084385.D
 Acq On : 11 Jan 2016 17:49
 Operator : SJ/UM
 Sample : H1058-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONTAMINATED-DRUM(1-2)COMP

Quant Time: Jan 12 03:33:08 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

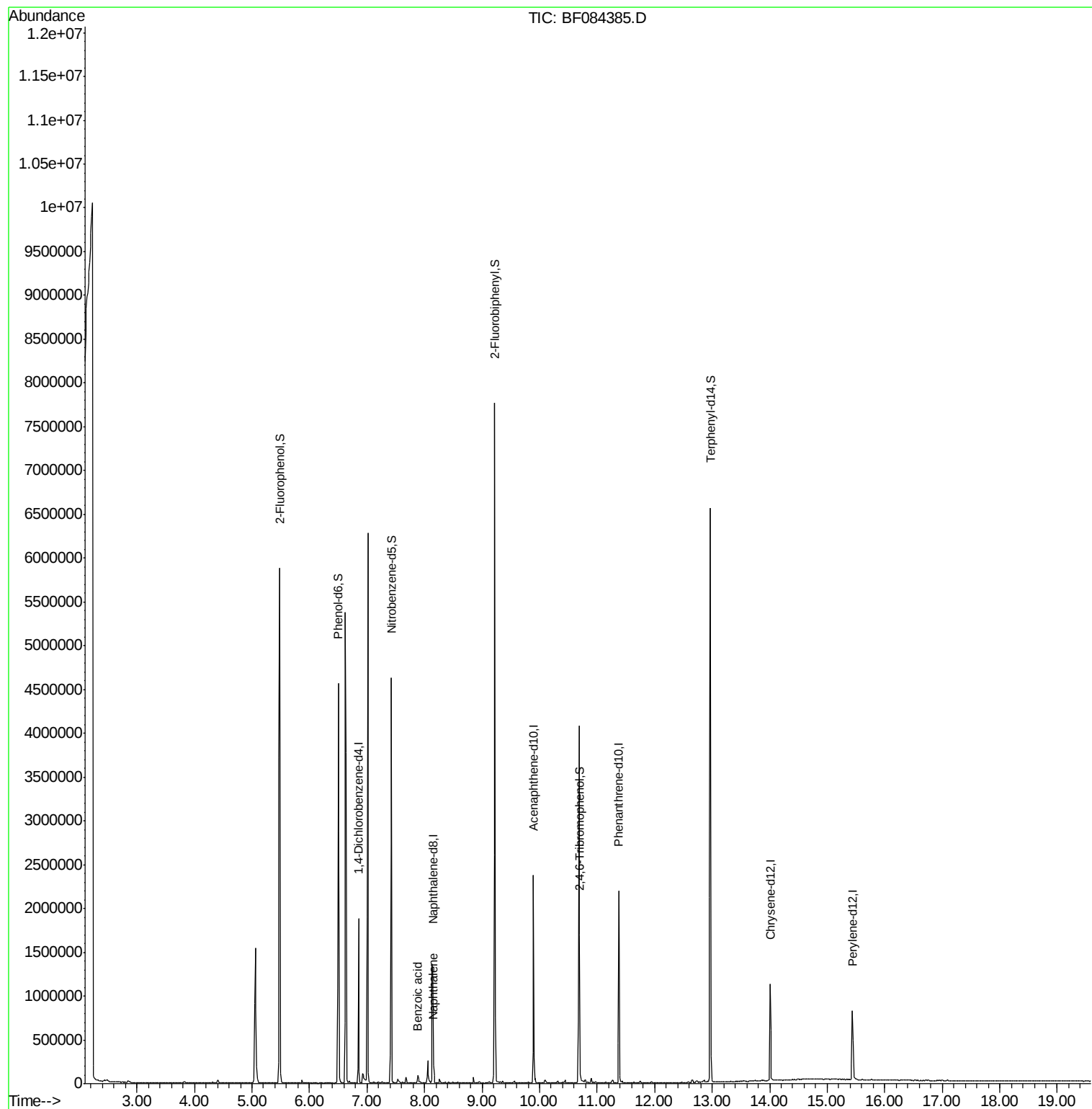
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	235921	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	924777	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	439836	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	738208	20.00	ng	-0.05
75) Chrysene-d12	14.01	240	457286	20.00	ng	-0.06
86) Perylene-d12	15.44	264	390286	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1852388	127.00	ng	-0.01
7) Phenol-d6	6.50	99	2056756	112.28	ng	-0.03
23) Nitrobenzene-d5	7.42	82	1747832	105.19	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	585578	131.87	ng	-0.05
44) 2-Fluorobiphenyl	9.22	172	2415964	97.56	ng	-0.04
78) Terphenyl-d14	12.97	244	1938407	94.62	ng	-0.05
Target Compounds						
31) Naphthalene	8.16	128	87095	2.08	ng	Qvalue 98
32) Benzoic acid	7.88	122	9562	7.08	ng	# 84

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

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CONTAMINATED-DRUM(1-2)COMP

Quant Time: Jan 12 03:33:08 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.05 min

Lab File: BF084385.D

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BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

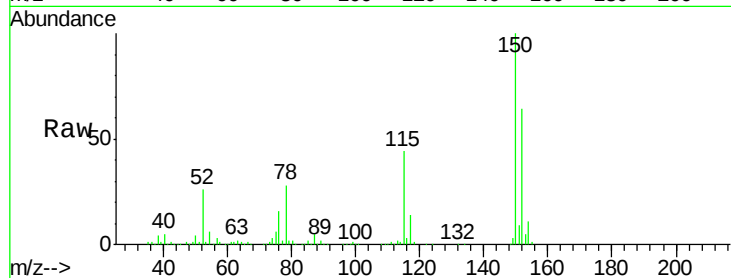
Tgt Ion:152 Resp: 235921

Ion Ratio Lower Upper

152 100

150 156.1 123.0 184.4

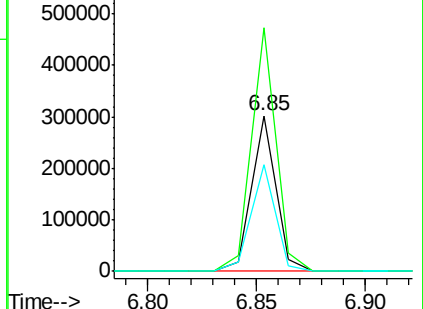
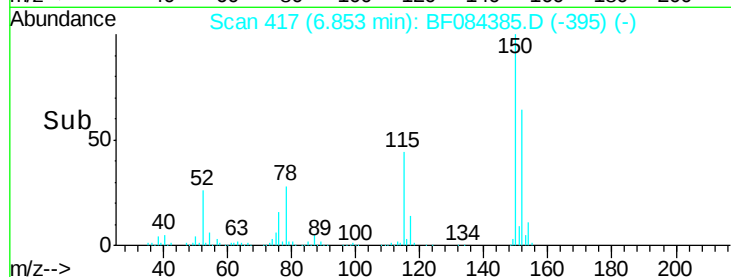
115 68.2 51.4 77.2



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: 127.00 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.01 min

Lab File: BF084385.D

Acq: 11 Jan 2016 17:49

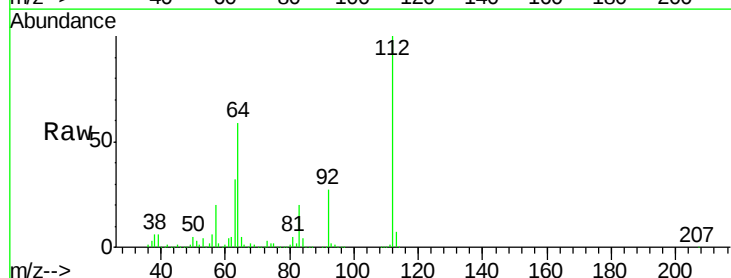
Tgt Ion:112 Resp: 1852388

Ion Ratio Lower Upper

112 100

64 59.0 36.6 55.0#

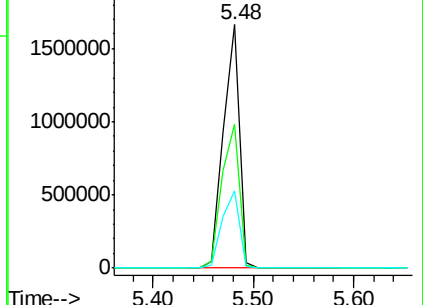
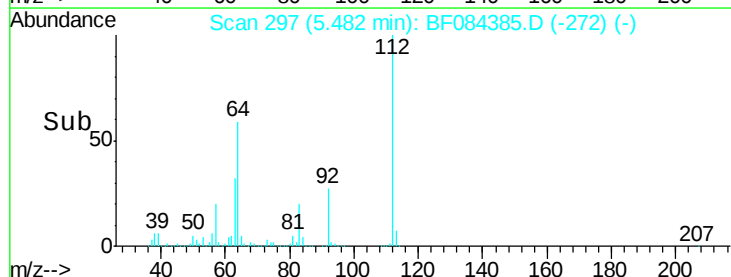
63 31.6 19.4 29.0#

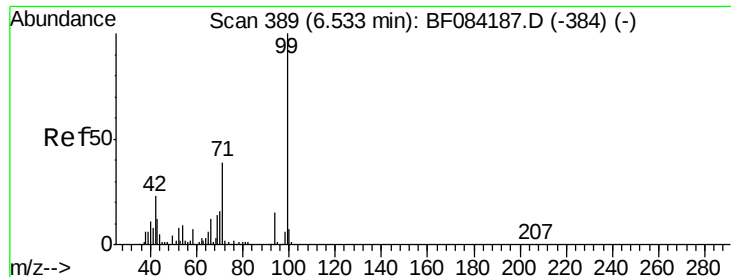


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.28 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

Lab File: BF084385.D

Acq: 11 Jan 2016 17:49

Instrument :

BNA_F

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CONTAMINATED-DRUM(1-2)COMP

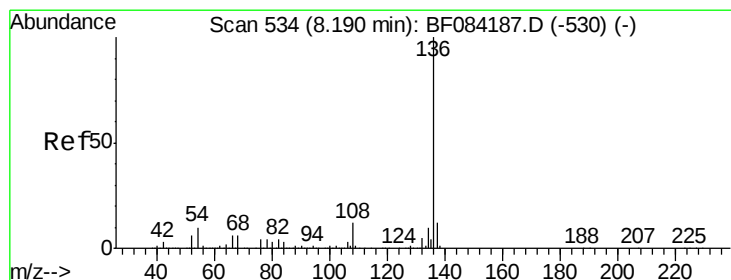
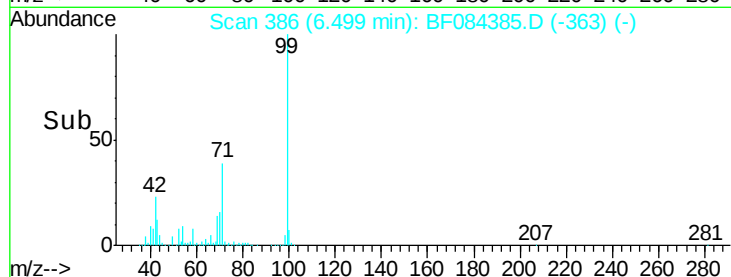
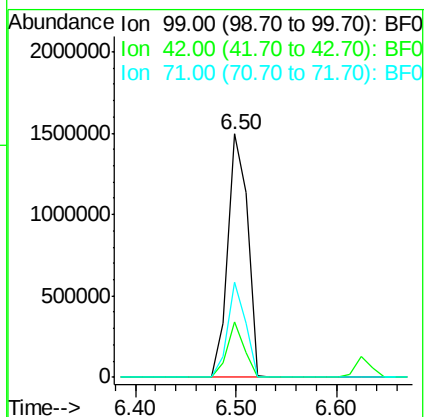
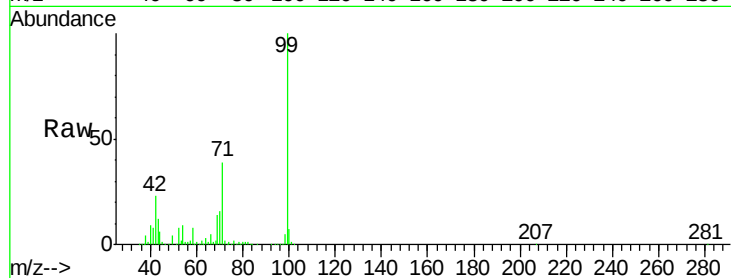
Tgt Ion: 99 Resp: 2056756

Ion Ratio Lower Upper

99 100

42 22.7 12.8 19.2#

71 39.3 30.9 46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.05 min

Lab File: BF084385.D

Acq: 11 Jan 2016 17:49

Tgt Ion: 136 Resp: 924777

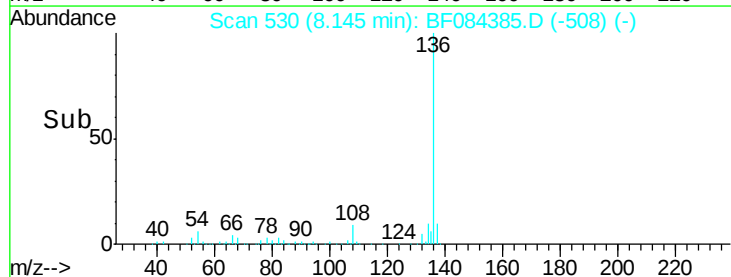
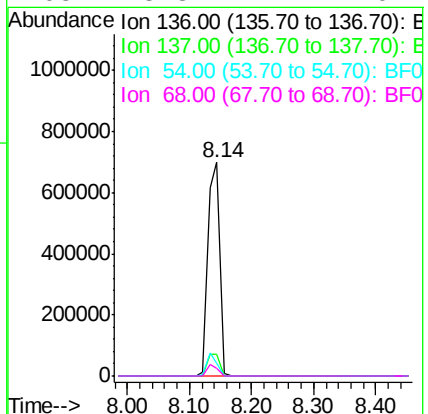
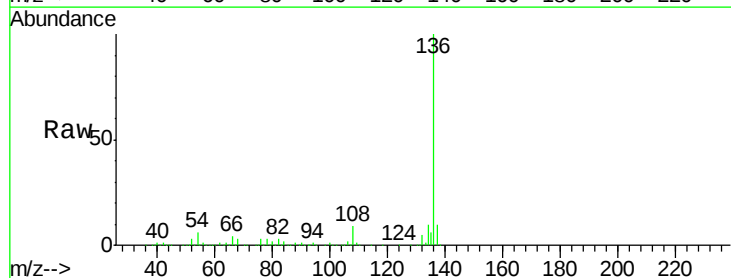
Ion Ratio Lower Upper

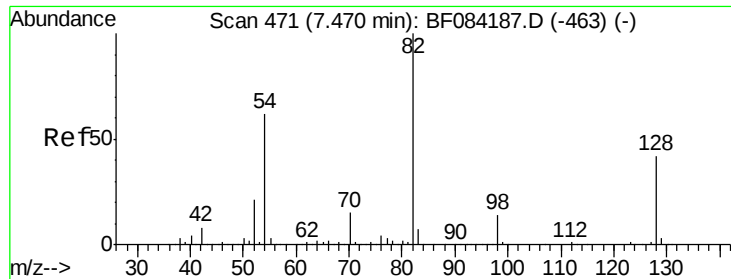
136 100

137 10.3 8.7 13.1

54 5.8 5.8 8.8#

68 3.3 4.2 6.2#

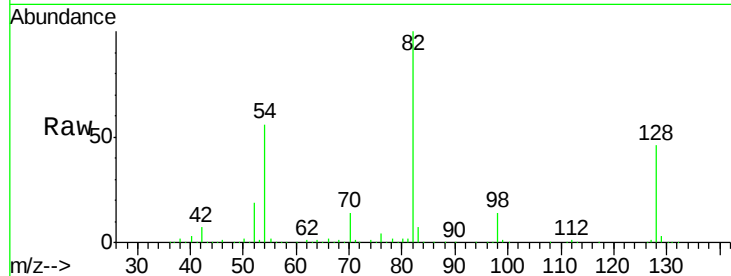




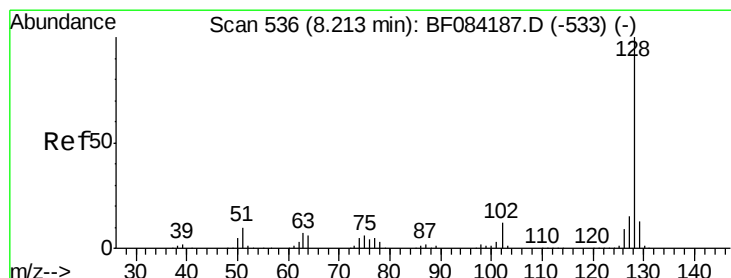
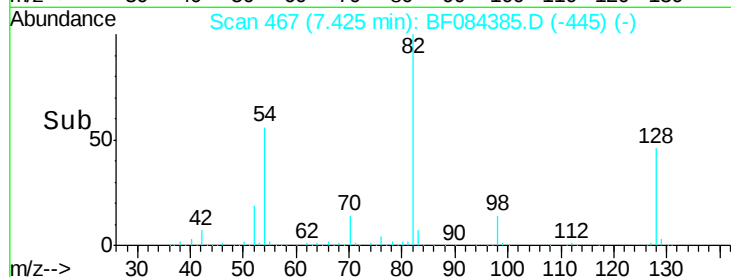
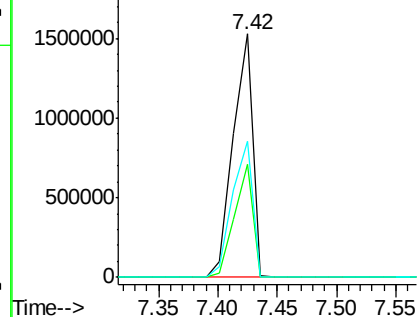
#23
 Nitrobenzene-d5
 Concen: 105.19 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.05 min
 Lab File: BF084385.D
 Acq: 11 Jan 2016 17:49

Instrument :
 BNA_F
 ClientSampleId :
 CONTAMINATED-DRUM(1-2)COMP

Tgt Ion: 82 Resp: 1747832
 Ion Ratio Lower Upper
 82 100
 128 46.3 34.6 51.8
 54 55.7 38.4 57.6

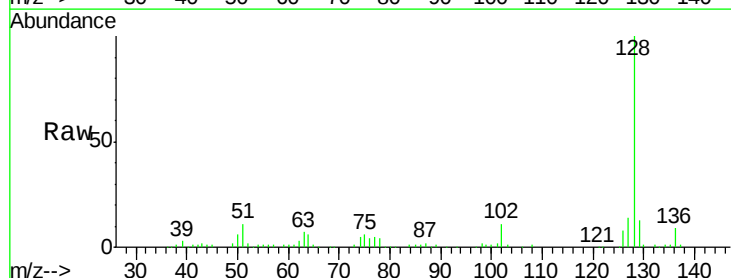


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

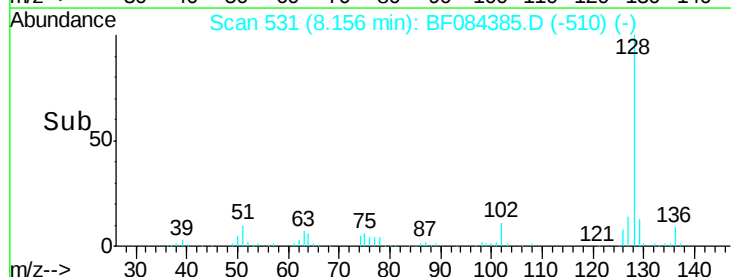
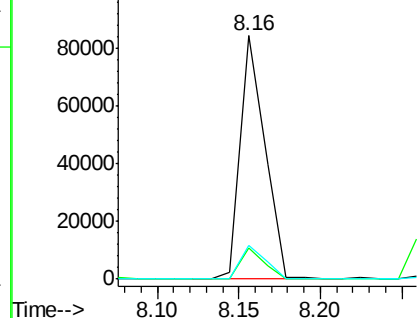


#31
 Naphthalene
 Concen: 2.08 ng
 RT: 8.16 min Scan# 531
 Delta R.T. -0.06 min
 Lab File: BF084385.D
 Acq: 11 Jan 2016 17:49

Tgt Ion: 128 Resp: 87095
 Ion Ratio Lower Upper
 128 100
 129 12.8 9.1 13.7
 127 13.9 11.1 16.7



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

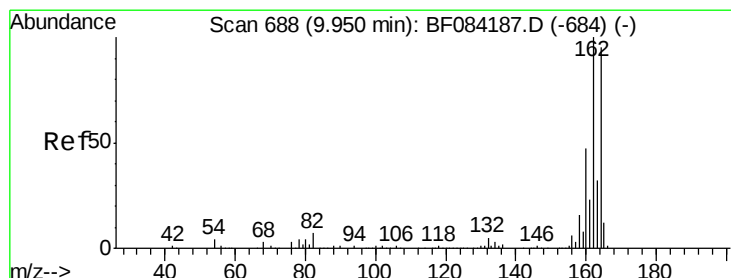
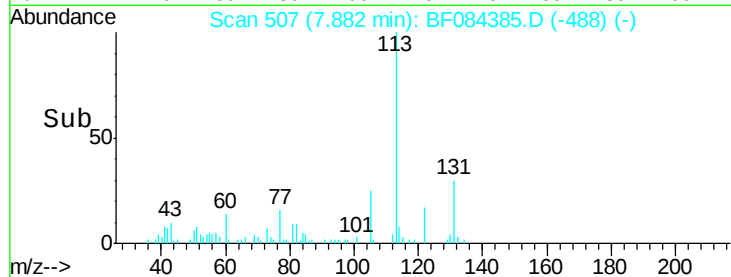
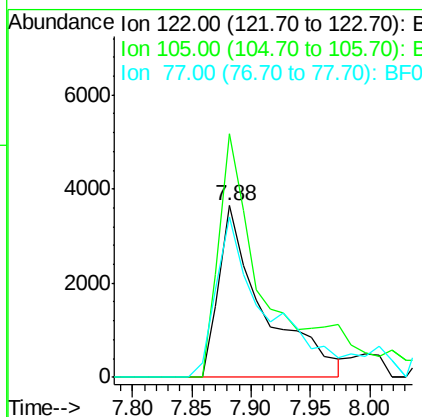
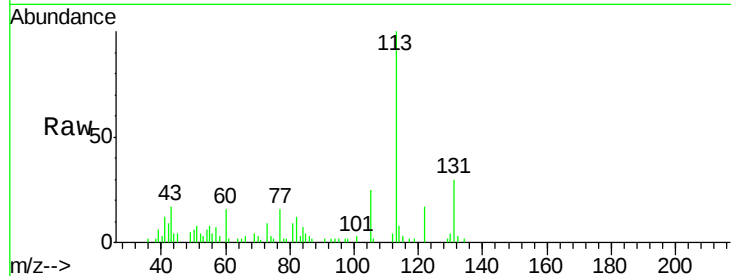




#32
Benzoic acid
Concen: 7.08 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.08 min
Lab File: BF084385.D
Acq: 11 Jan 2016 17:49

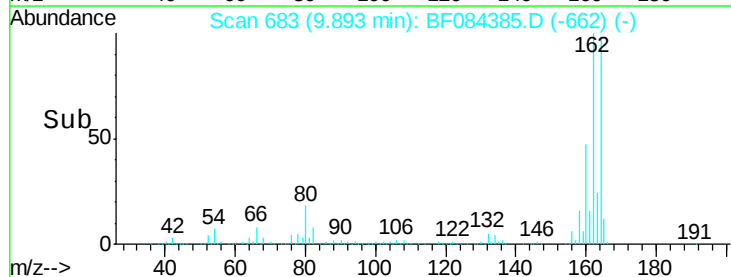
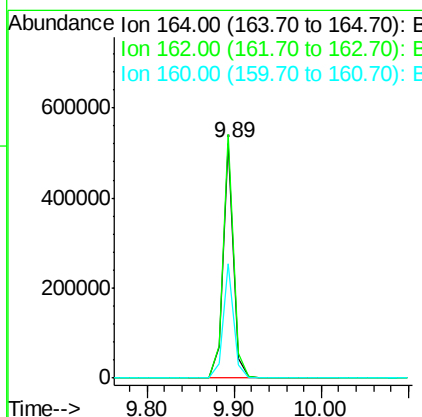
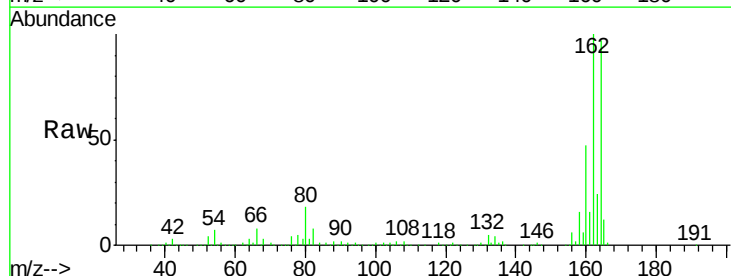
Instrument :
BNA_F
ClientSampleId :
CONTAMINATED-DRUM(1-2)COMP

Tgt Ion:122 Resp: 9562
Ion Ratio Lower Upper
122 100
105 142.1 100.3 140.3#
77 93.6 63.5 103.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.06 min
Lab File: BF084385.D
Acq: 11 Jan 2016 17:49

Tgt Ion:164 Resp: 439836
Ion Ratio Lower Upper
164 100
162 103.6 85.1 127.7
160 48.5 37.5 56.3

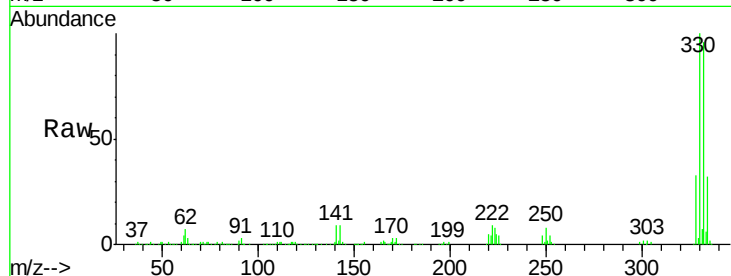




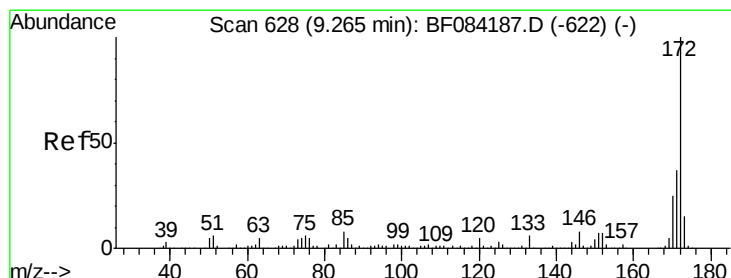
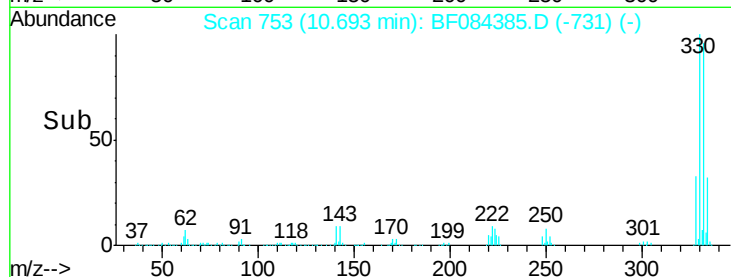
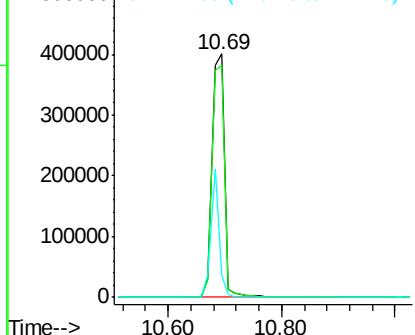
#41
 2,4,6-Tribromophenol
 Concen: 131.87 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.05 min
 Lab File: BF084385.D
 Acq: 11 Jan 2016 17:49

Instrument :
 BNA_F
 ClientSampleId :
 CONTAMINATED-DRUM(1-2)COMP

Tgt Ion:330 Resp: 585578
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 114.8
 141 34.7 27.8 41.6

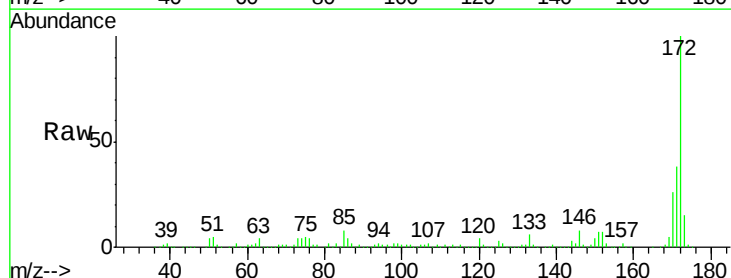


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

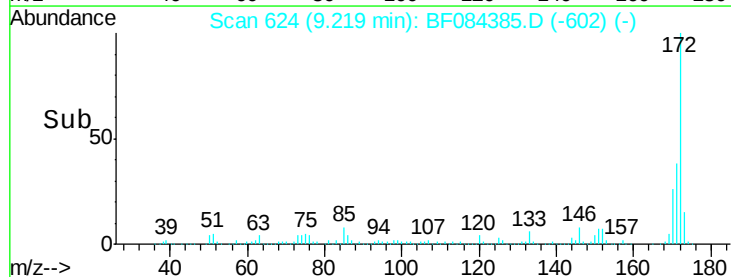
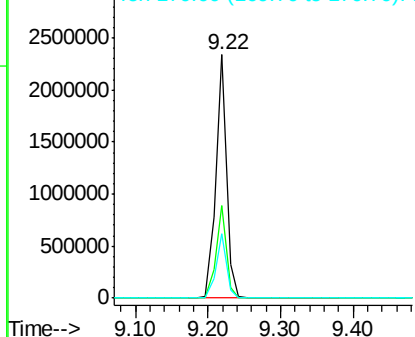


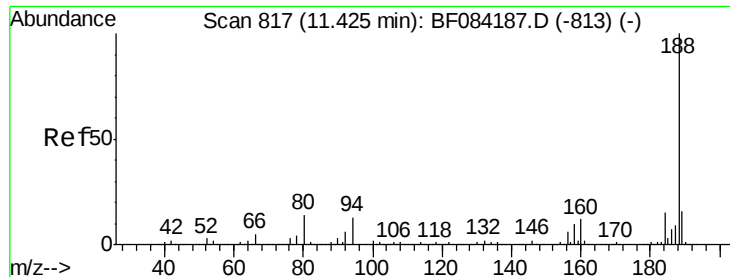
#44
 2-Fluorobiphenyl
 Concen: 97.56 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.04 min
 Lab File: BF084385.D
 Acq: 11 Jan 2016 17:49

Tgt Ion:172 Resp: 2415964
 Ion Ratio Lower Upper
 172 100
 171 38.2 28.9 43.3
 170 26.4 18.6 27.8



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

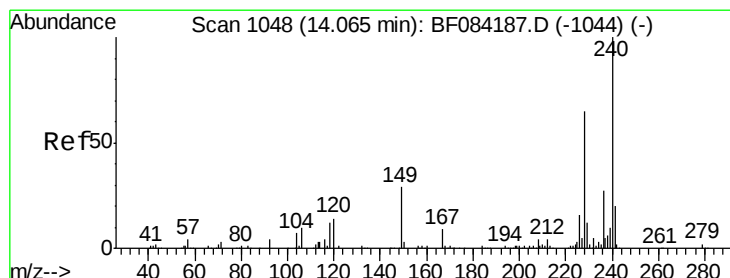
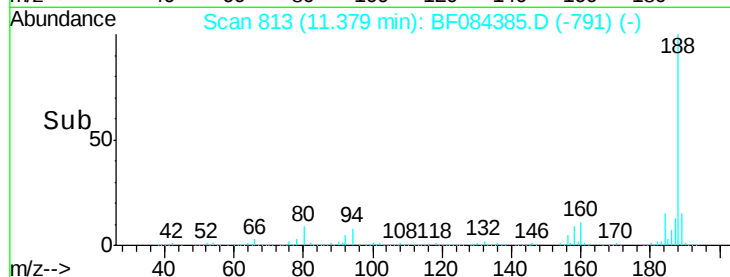
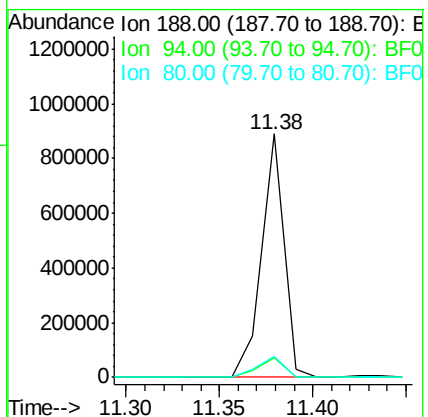
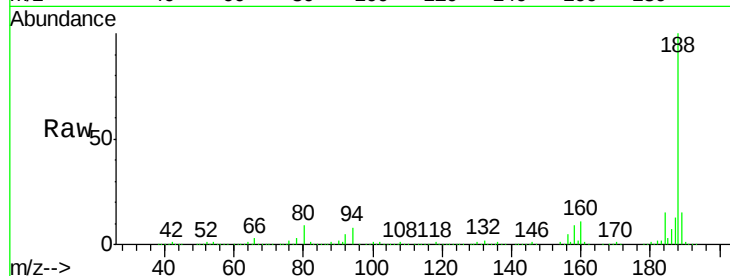




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.05 min
Lab File: BF084385.D
Acq: 11 Jan 2016 17:49

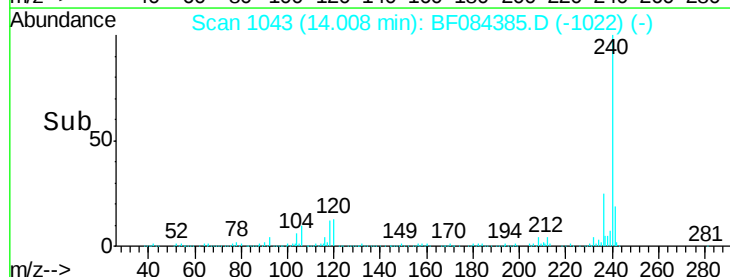
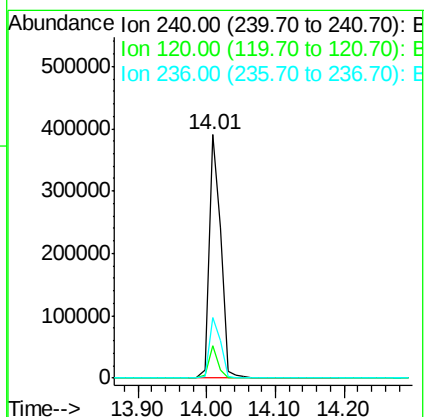
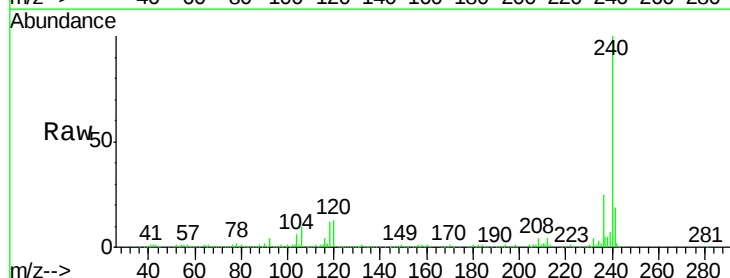
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CONTAMINATED-DRUM(1-2)COMP

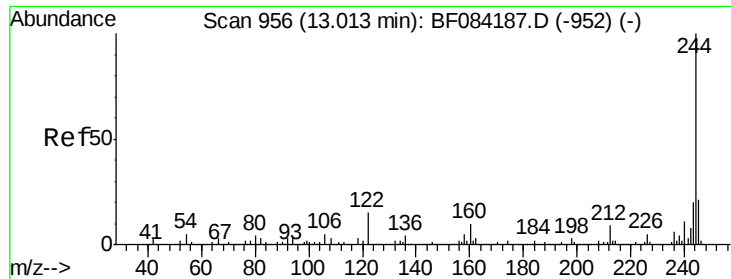
Tgt Ion:188 Resp: 738208
Ion Ratio Lower Upper
188 100
94 8.1 9.0 13.4#
80 8.8 9.6 14.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.06 min
Lab File: BF084385.D
Acq: 11 Jan 2016 17:49

Tgt Ion:240 Resp: 457286
Ion Ratio Lower Upper
240 100
120 13.1 9.5 14.3
236 24.7 20.6 31.0

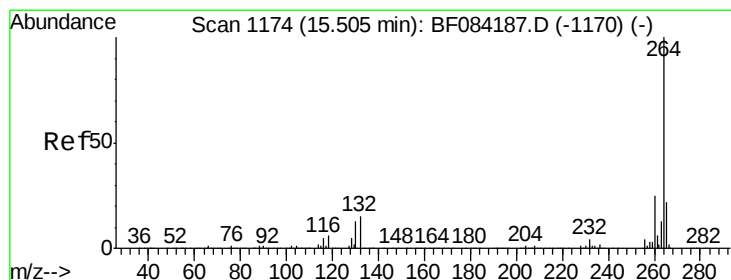
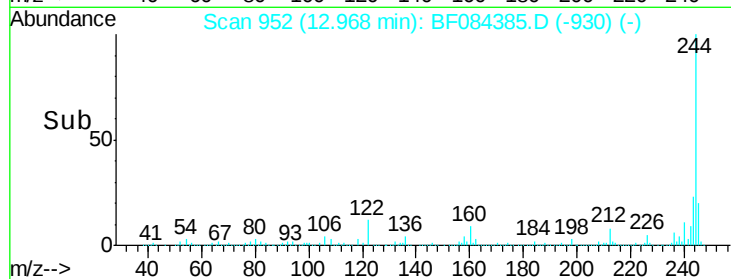
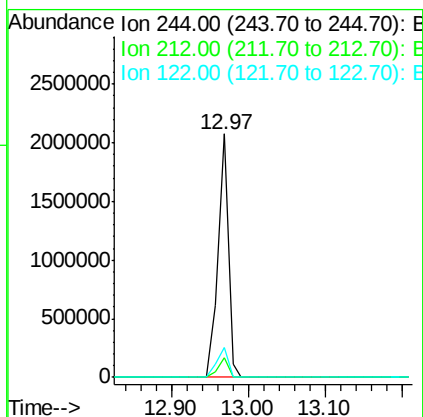
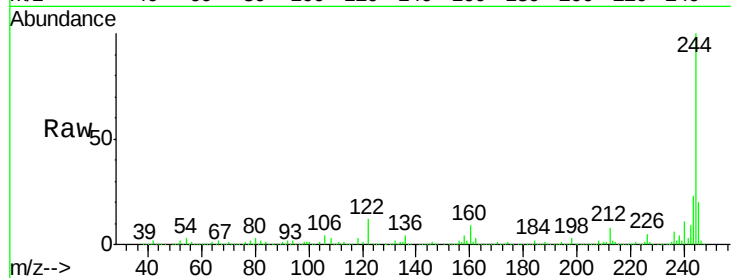




#78
 Terphenyl-d14
 Concen: 94.62 ng
 RT: 12.97 min Scan# 952
 Delta R.T. -0.05 min
 Lab File: BF084385.D
 Acq: 11 Jan 2016 17:49

Instrument :
 BNA_F
 ClientSampleId :
 CONTAMINATED-DRUM(1-2)COMP

Tgt Ion:244 Resp: 1938407
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.7 8.5
 122 12.4 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.07 min
 Lab File: BF084385.D
 Acq: 11 Jan 2016 17:49

Tgt Ion:264 Resp: 390286
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 22.2 17.8 26.6

