

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\
 Data File : BF080834.D
 Acq On : 4 Aug 2015 10:15
 Operator : TP
 Sample : G3145-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-003-A

Manual Integrations
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Quant Time: Aug 04 11:33:14 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 04 01:58:34 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	175499	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	601695	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	258374	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	392399	20.00	ng	0.00
75) Chrysene-d12	13.97	240	343884	20.00	ng	-0.01
86) Perylene-d12	15.39	264	375715	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1515004	143.92	ng	0.01
7) Phenol-d6	6.46	99	1959161	138.36	ng	0.00
23) Nitrobenzene-d5	7.40	82	1381701	113.32	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	335890	135.66	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1790564	104.75	ng	0.00
78) Terphenyl-d14	12.93	244	1043255	60.46	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.58	163	208703	12.09	ng	98
70) Phenanthrene	11.37	178	153706	7.53	ng	98
74) Fluoranthene	12.56	202	231851	11.86	ng	92
77) Pyrene	12.78	202	195405	7.67	ng	96
80) Benzo(a)anthracene	13.96	228	142780	7.27	ng	97
82) Chrysene	14.00	228	100405	5.26	ng	97
85) Indeno(1,2,3-cd)pyrene	16.75	276	57646	3.29	ng	95
87) Benzo(b)fluoranthene	14.99	252	157600m	7.17	ng	
88) Benzo(k)fluoranthene	15.01	252	49192m	2.57	ng	
89) Benzo(a)pyrene	15.33	252	103852	5.54	ng	97
91) Benzo(g,h,i)perylene	17.16	276	54897	2.90	ng	# 88

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

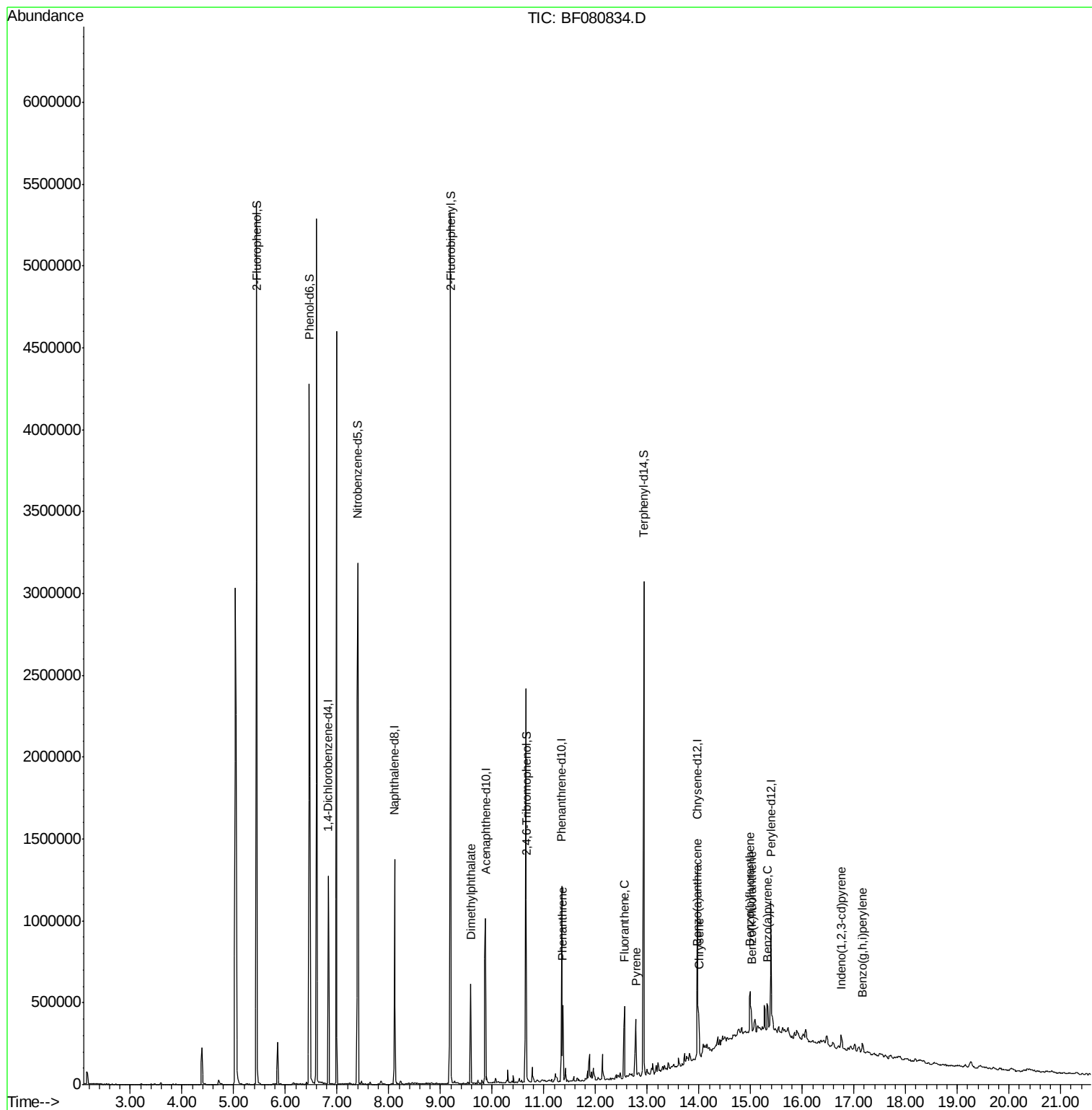
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\
Data File : BF080834.D
Acq On : 4 Aug 2015 10:15
Operator : TP
Sample : G3145-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

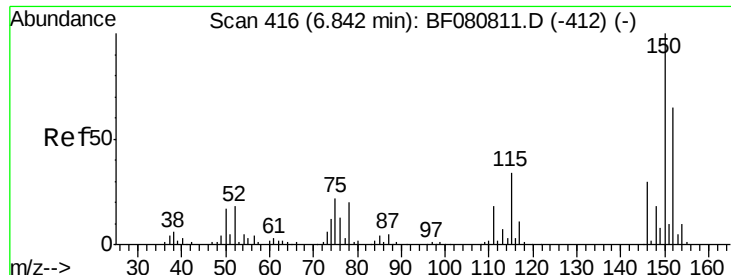
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-A

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Quant Time: Aug 04 11:33:14 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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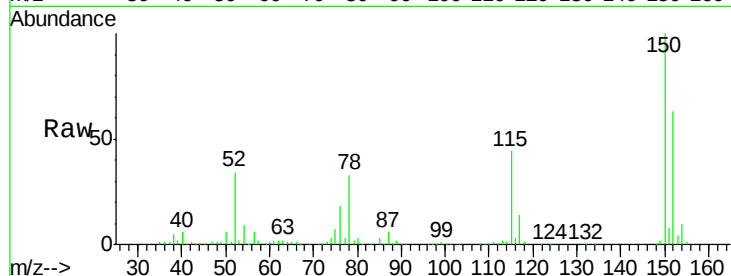




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.01 min
Lab File: BF080834.D
Acq: 4 Aug 2015 10:15

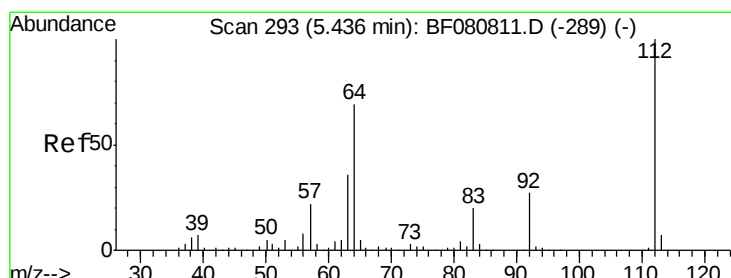
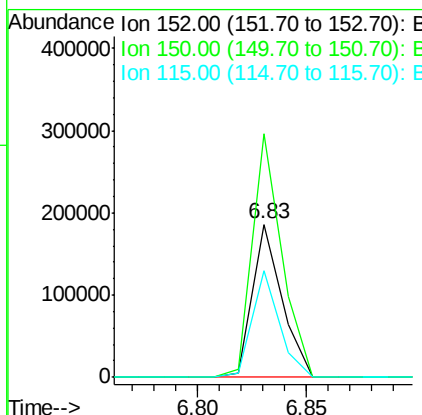
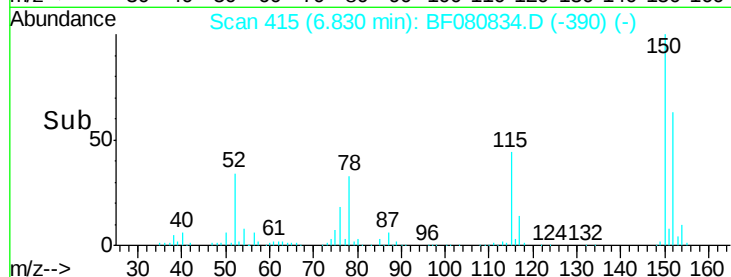
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-A



Tgt Ion	Ratio	Resp	Lower	Upper
152	100	175499		
150	158.9	122.9	184.3	
115	69.4	42.0	63.0#	

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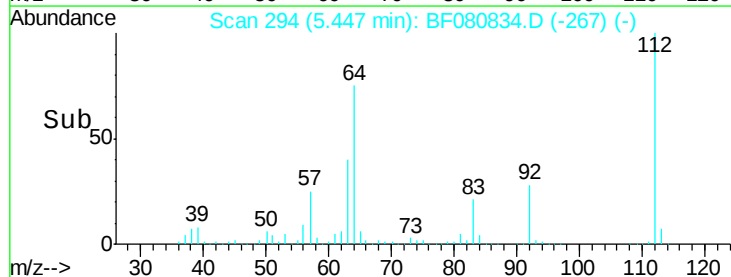
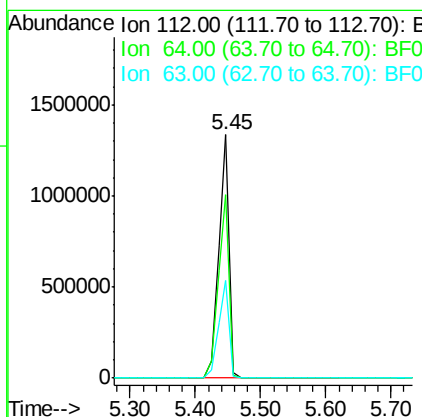
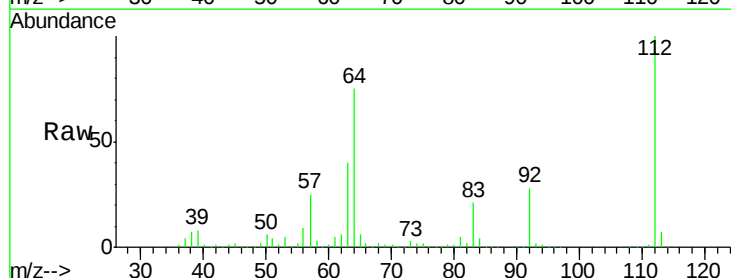
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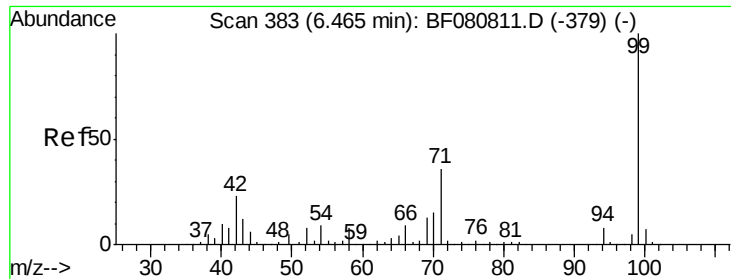


#5

2-Fluorophenol
Concen: 143.92 ng
RT: 5.45 min Scan# 294
Delta R.T. 0.01 min
Lab File: BF080834.D
Acq: 4 Aug 2015 10:15

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1515004		
64	75.1	55.0	82.4	
63	39.9	28.6	42.8	





#7

Phenol-d6

Concen: 138.36 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF080834.D

Acq: 4 Aug 2015 10:15

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-003-A

Tgt Ion: 99 Resp: 1959161

Ion Ratio Lower Upper

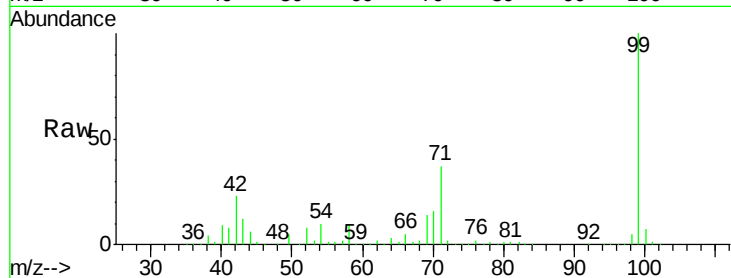
99 100

42 22.8 18.4 27.6

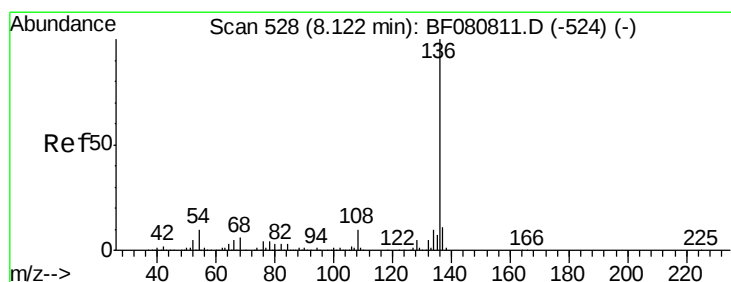
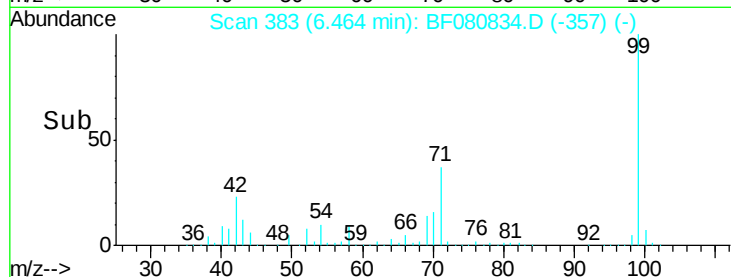
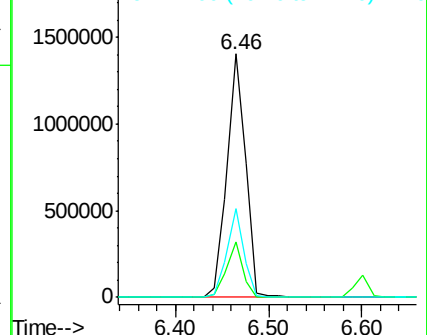
71 36.6 28.7 43.1

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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. -0.01 min

Lab File: BF080834.D

Acq: 4 Aug 2015 10:15

Tgt Ion: 136 Resp: 601695

Ion Ratio Lower Upper

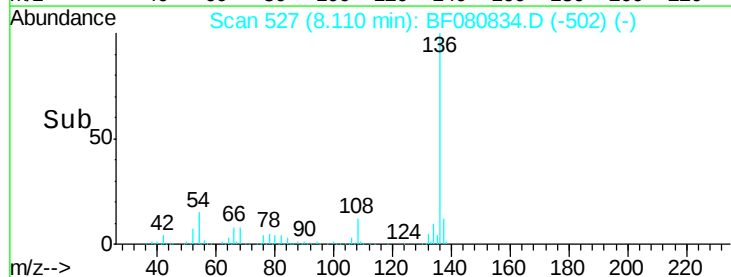
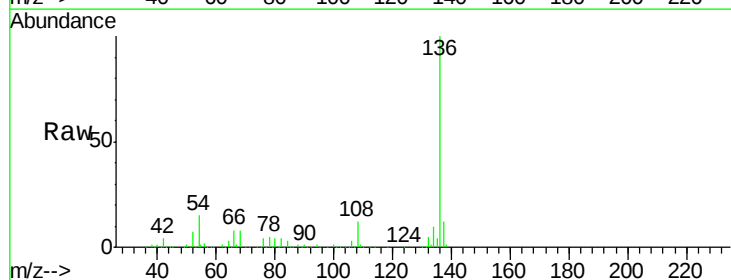
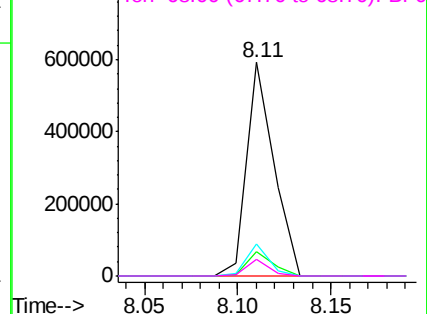
136 100

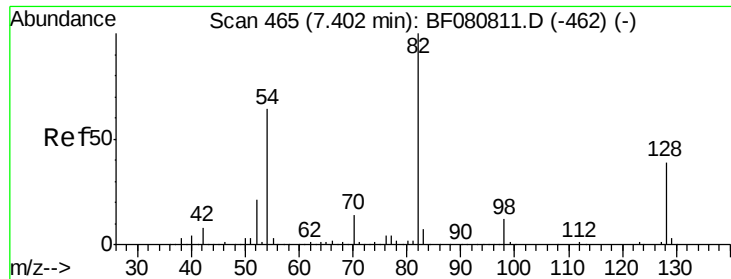
137 11.7 8.8 13.2

54 15.2 7.9 11.9#

68 7.9 4.4 6.6#

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





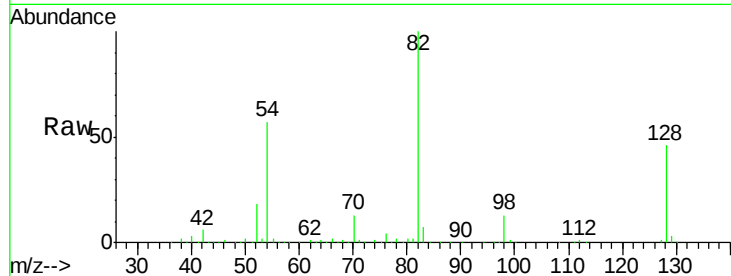
#23
 Nitrobenzene-d5
 Concen: 113.32 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: BF080834.D
 Acq: 4 Aug 2015 10:15

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-003-A

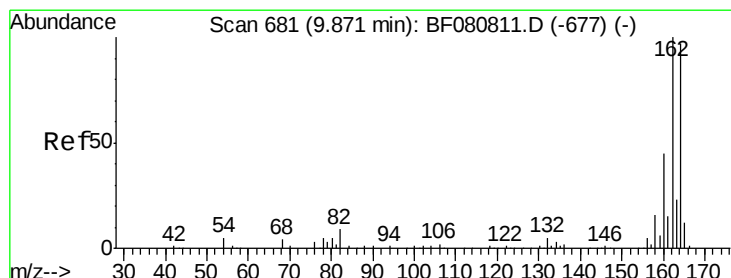
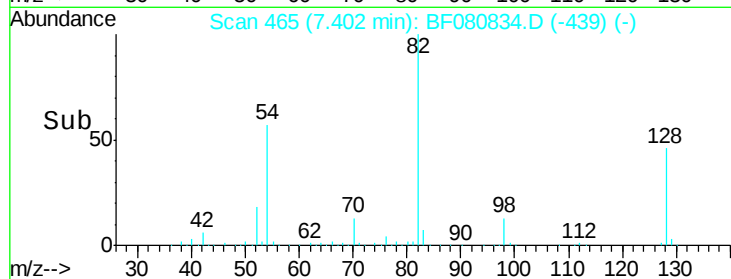
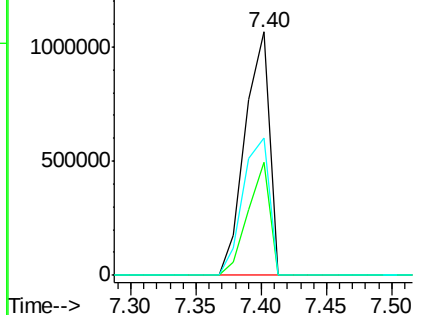
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.4	31.4	47.0
54	56.6	51.0	76.4

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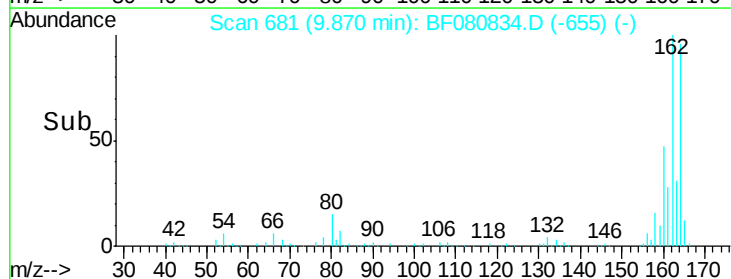
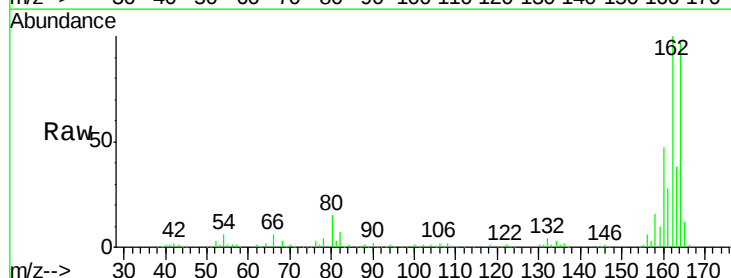
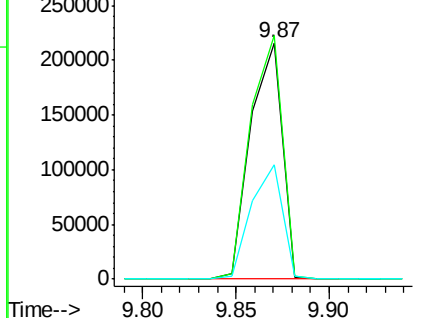
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

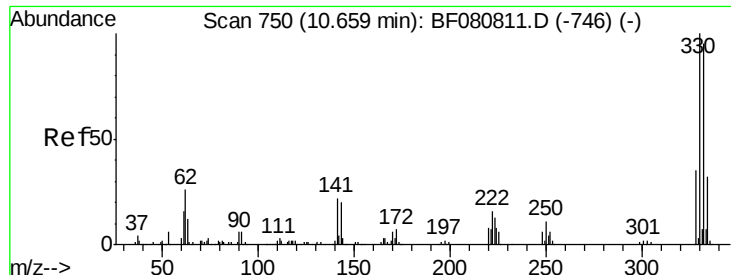


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF080834.D
 Acq: 4 Aug 2015 10:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.3	123.5
160	48.5	37.3	55.9

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





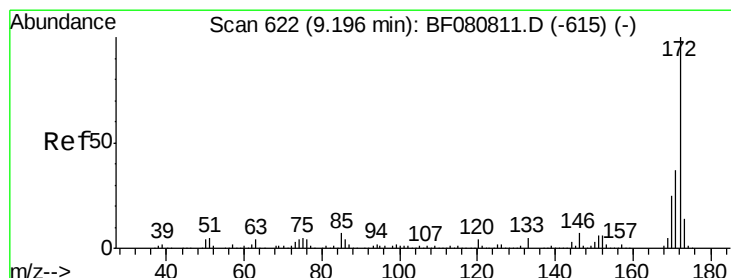
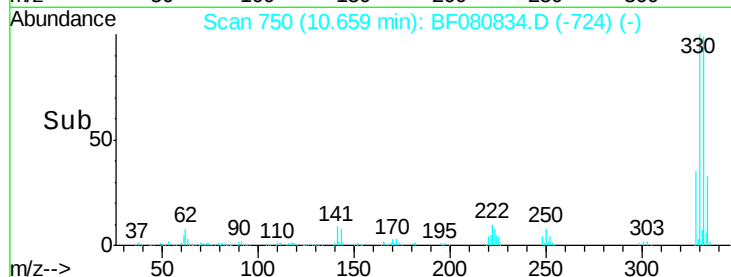
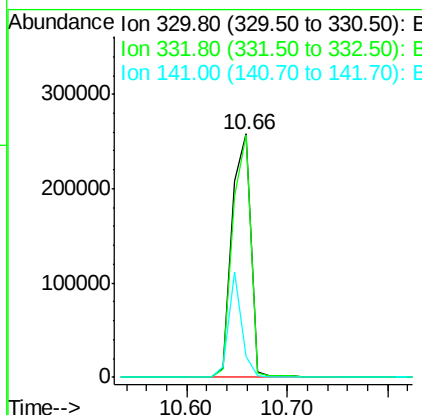
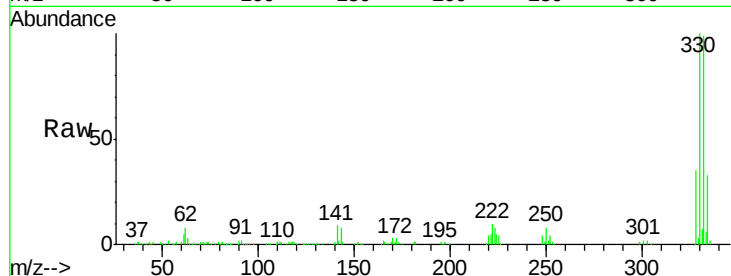
#41
 2,4,6-Tribromophenol
 Concen: 135.66 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF080834.D
 Acq: 4 Aug 2015 10:15

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-003-A

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	335890		
332	95.7	76.2	114.4	
141	30.8	25.4	38.0	

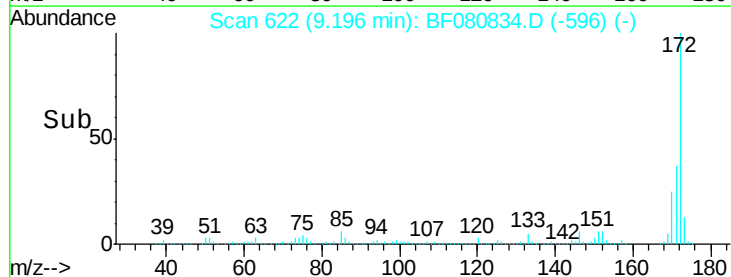
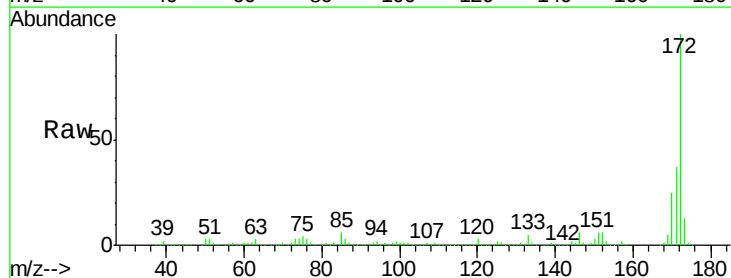
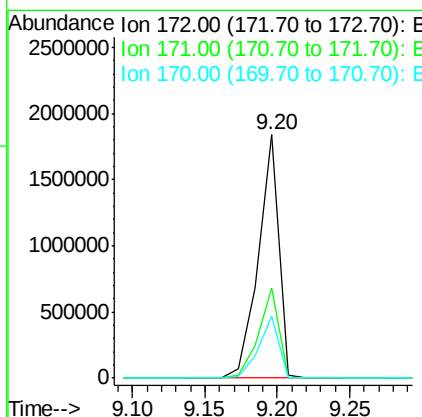
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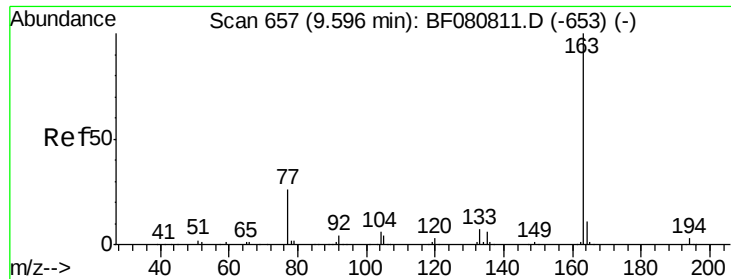
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#44
 2-Fluorobiphenyl
 Concen: 104.75 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF080834.D
 Acq: 4 Aug 2015 10:15

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1790564		
171	36.8	30.0	45.0	
170	25.2	20.2	30.4	





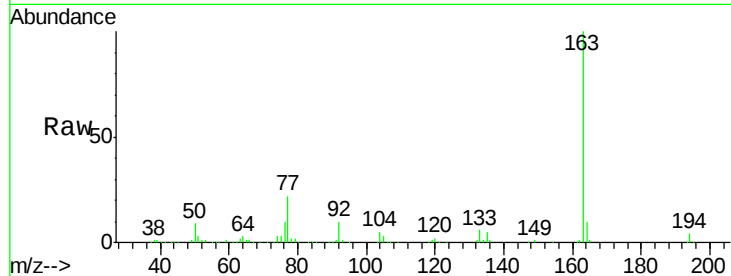
#49
Dimethylphthalate
Concen: 12.09 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF080834.D
Acq: 4 Aug 2015 10:15

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-A

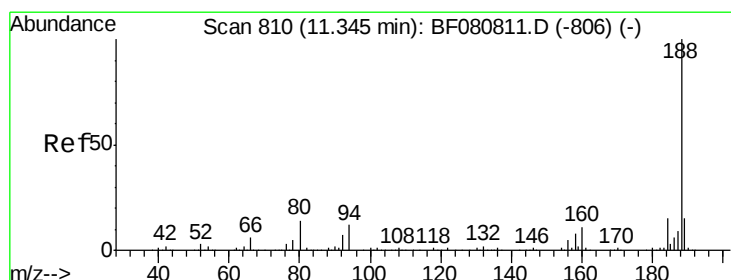
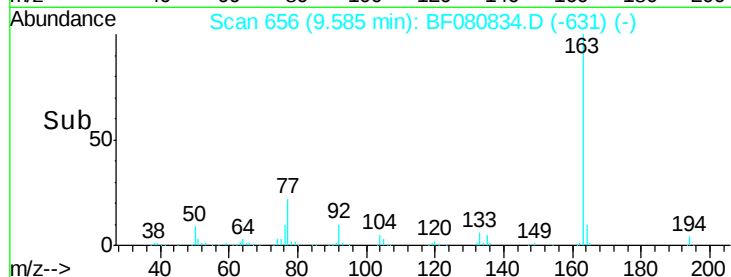
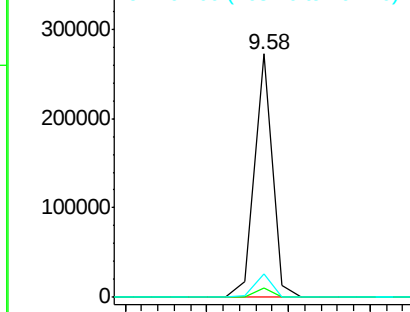
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.6	2.7	4.1
164	9.8	8.5	12.7

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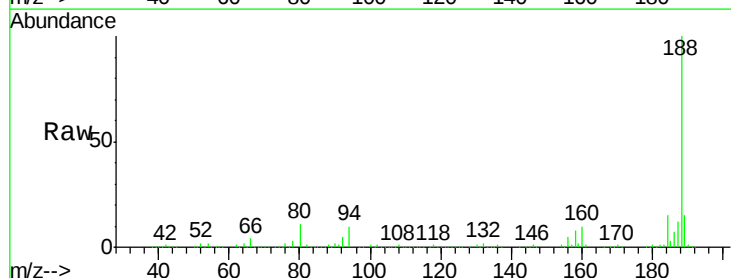


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

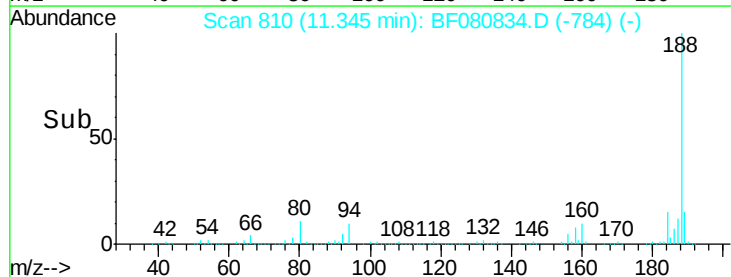
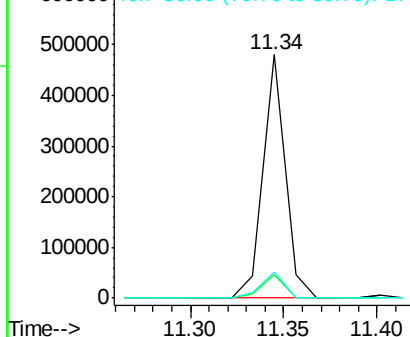


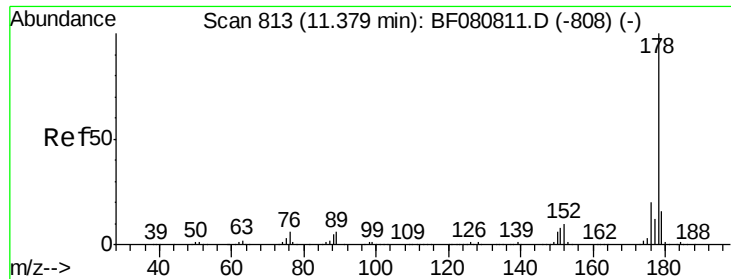
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF080834.D
Acq: 4 Aug 2015 10:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.6	9.7	14.5#
80	10.7	11.2	16.8#



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





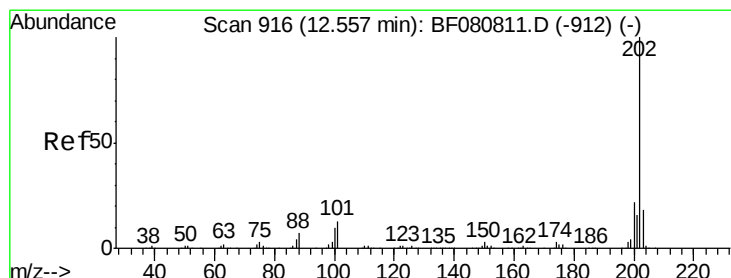
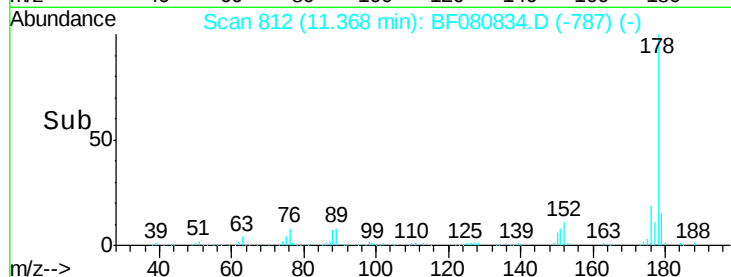
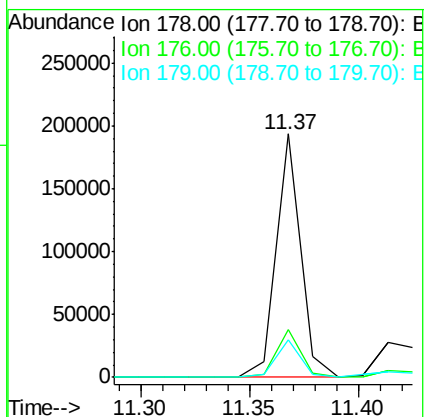
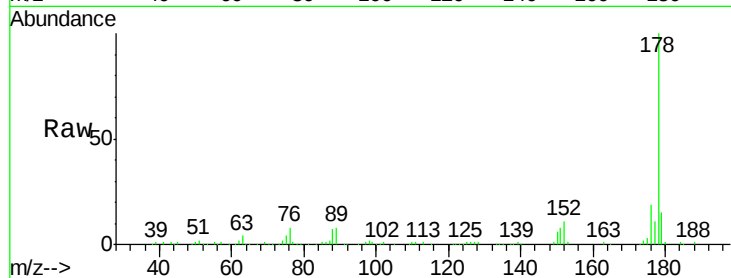
#70
Phenanthrene
Concen: 7.53 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF080834.D
Acq: 4 Aug 2015 10:15

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-A

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.3	24.5
179	15.4	12.6	19.0

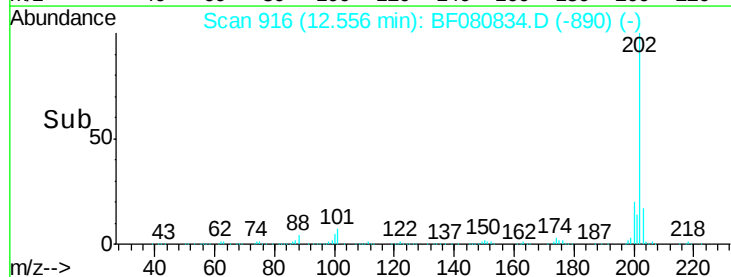
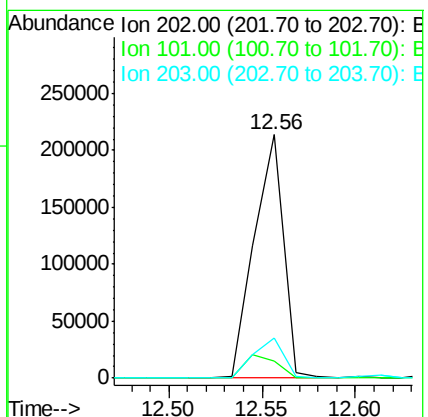
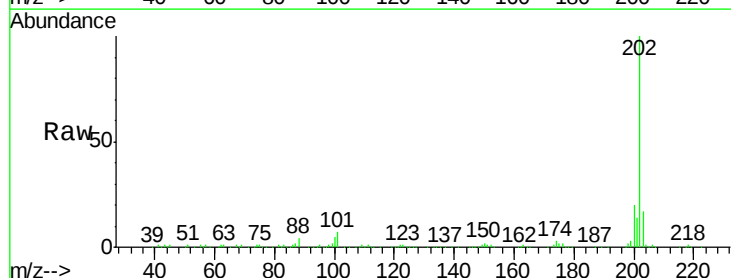
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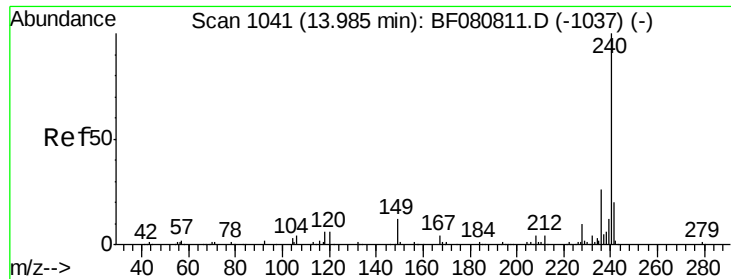
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#74
Fluoranthene
Concen: 11.86 ng
RT: 12.56 min Scan# 916
Delta R.T. -0.00 min
Lab File: BF080834.D
Acq: 4 Aug 2015 10:15

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.0	0.0	33.0
203	16.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF080834.D

Acq: 4 Aug 2015 10:15

Instrument :

BNA_F

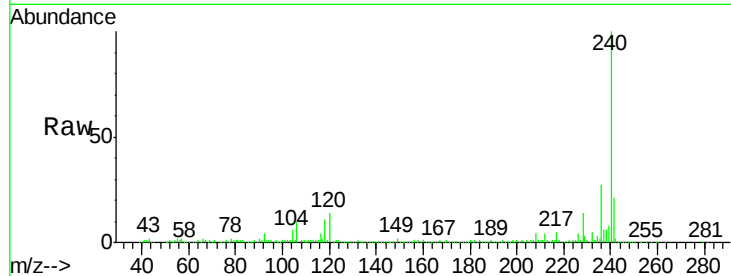
ClientSampleId :

FK-SF-03-003-A

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	343884		
120	14.2	5.0	7.4#	
236	26.6	20.8	31.2	

Manual Integrations
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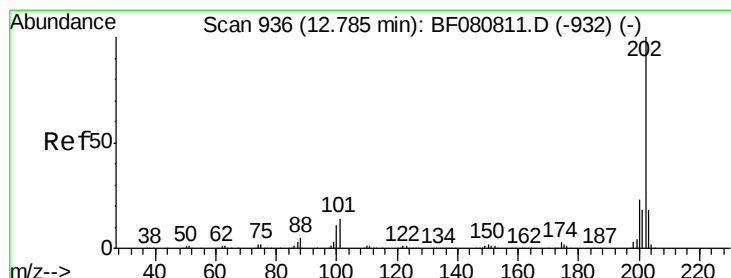
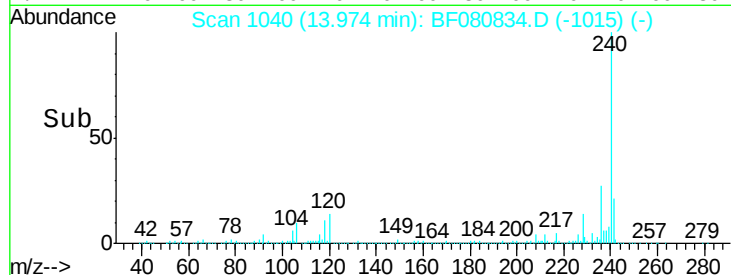
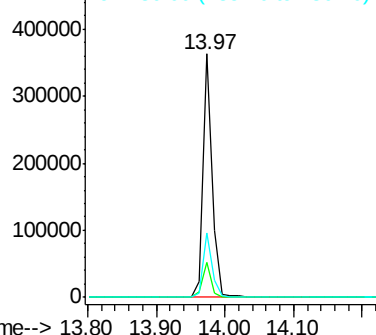
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 7.67 ng

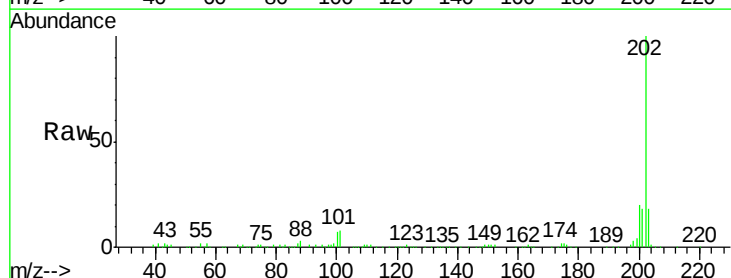
RT: 12.78 min Scan# 936

Delta R.T. -0.00 min

Lab File: BF080834.D

Acq: 4 Aug 2015 10:15

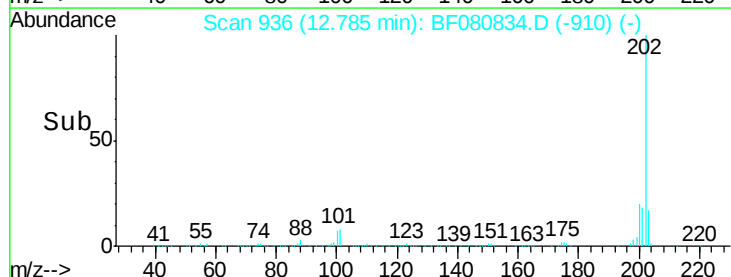
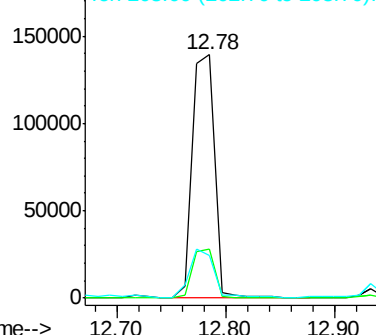
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	195405		
200	20.4	18.2	27.4	
203	17.8	14.8	22.2	

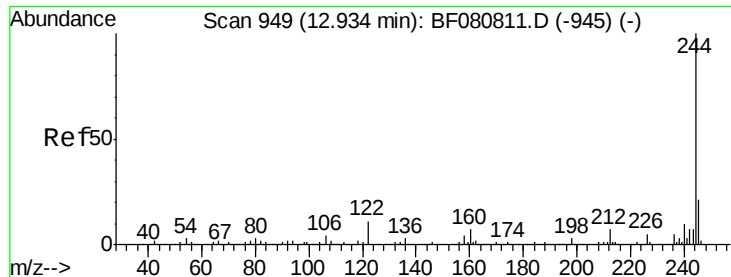


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





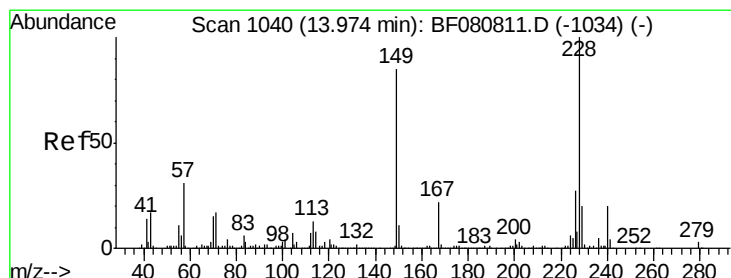
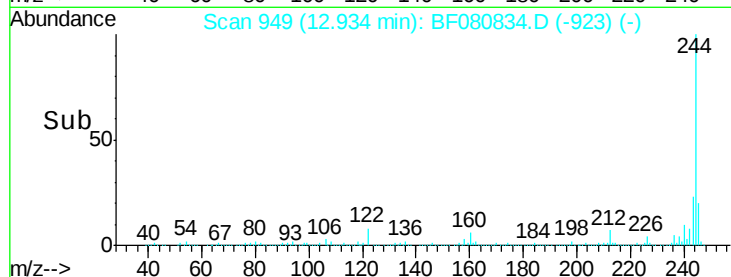
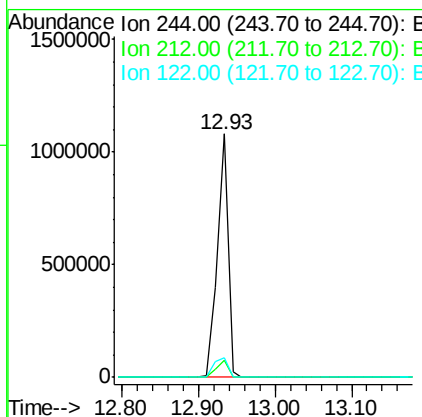
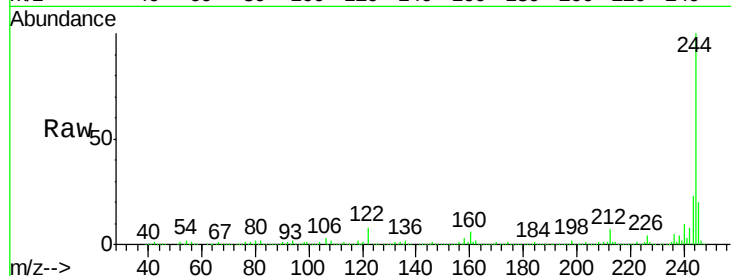
#78
 Terphenyl-d14
 Concen: 60.46 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF080834.D
 Acq: 4 Aug 2015 10:15

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-003-A

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	8.3	9.1	13.7#

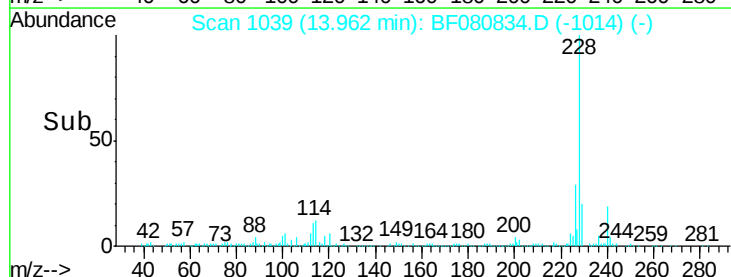
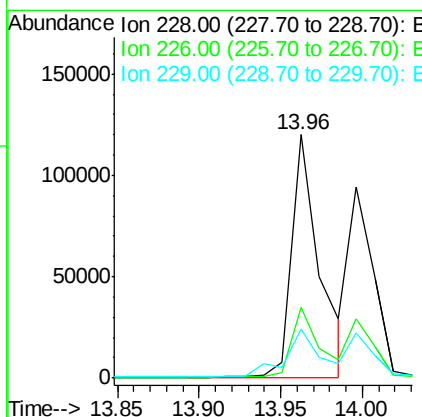
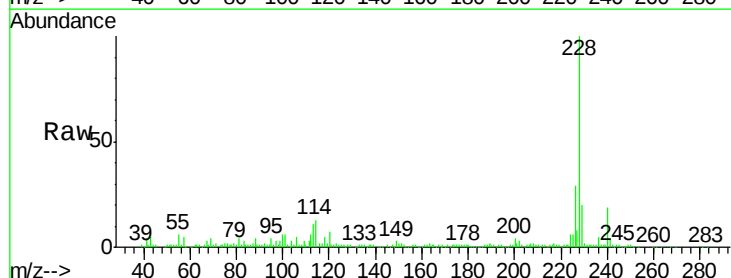
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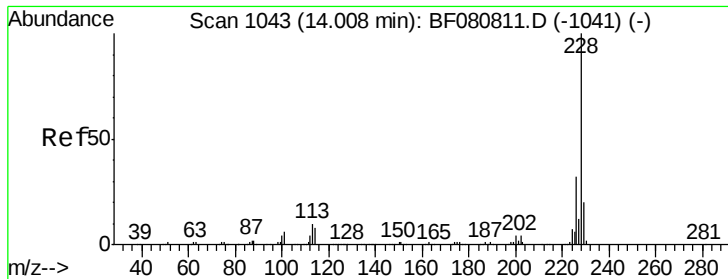
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#80
 Benzo(a)anthracene
 Concen: 7.27 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF080834.D
 Acq: 4 Aug 2015 10:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	21.6	32.4
229	20.4	15.7	23.5





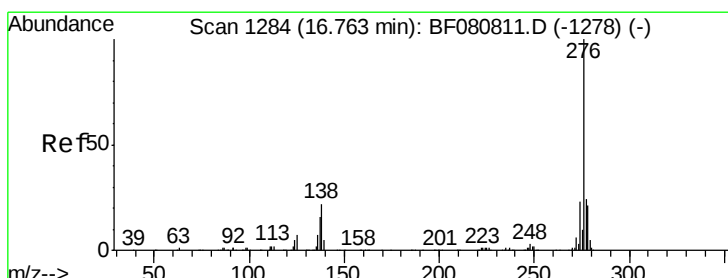
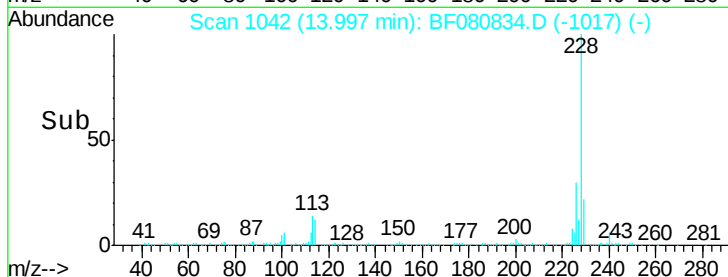
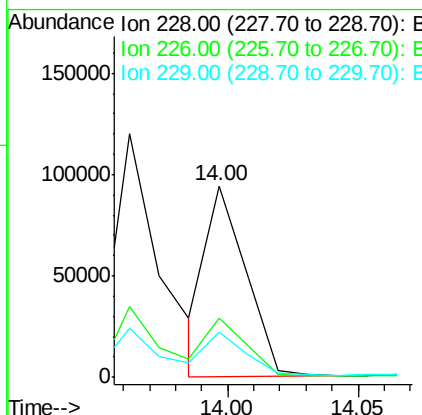
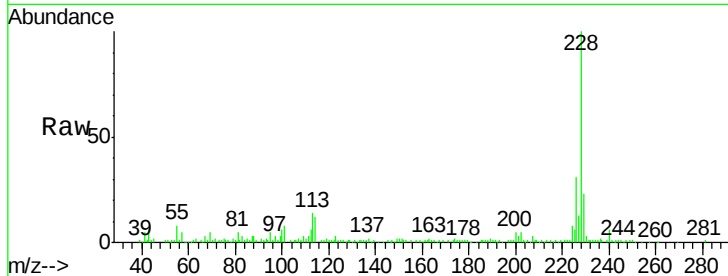
#82
Chrysene
Concen: 5.26 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF080834.D
Acq: 4 Aug 2015 10:15

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-A

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	100405		
226	30.7	25.0	37.6	
229	23.4	16.1	24.1	

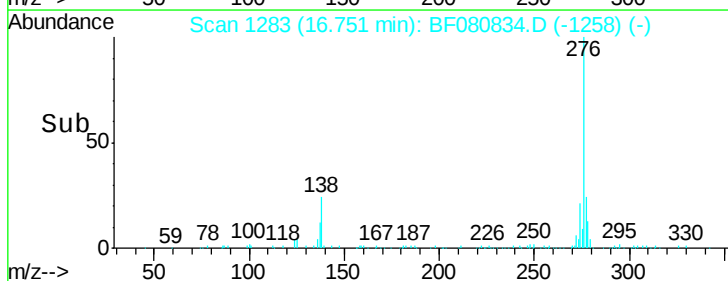
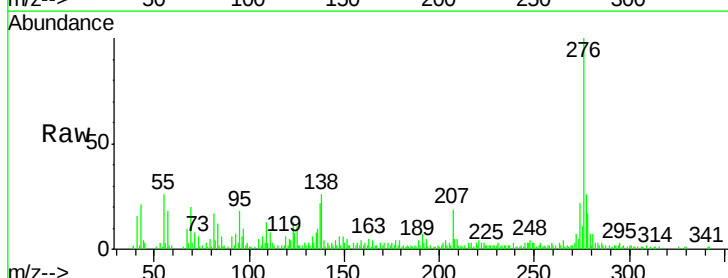
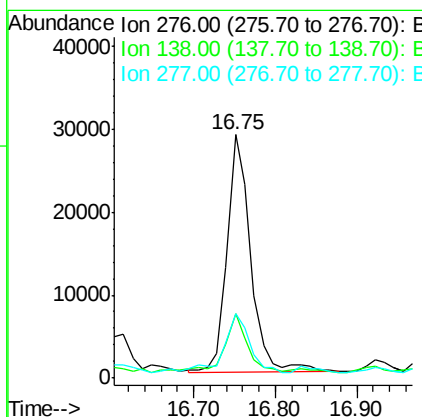
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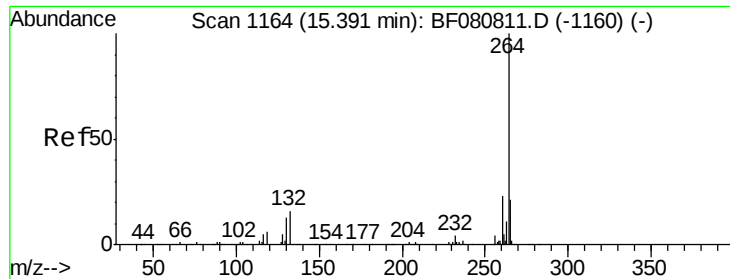
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#85
Indeno(1,2,3-cd)pyrene
Concen: 3.29 ng
RT: 16.75 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF080834.D
Acq: 4 Aug 2015 10:15

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	57646		
138	25.0	18.6	27.8	
277	27.9	20.1	30.1	





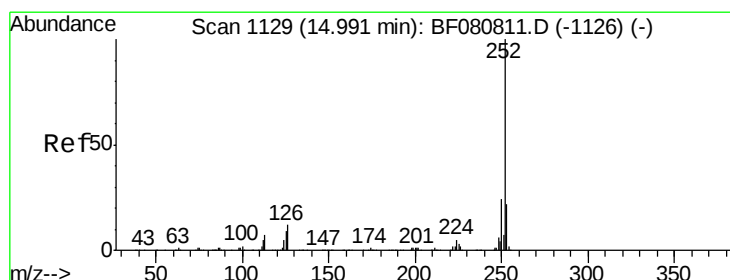
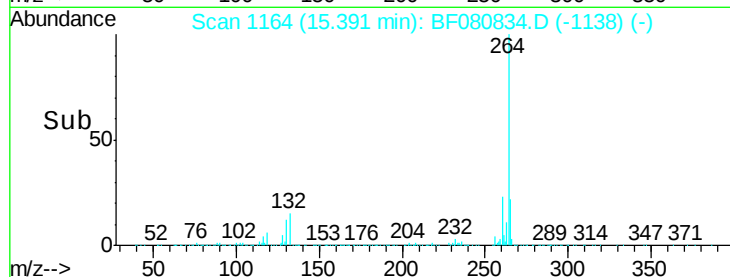
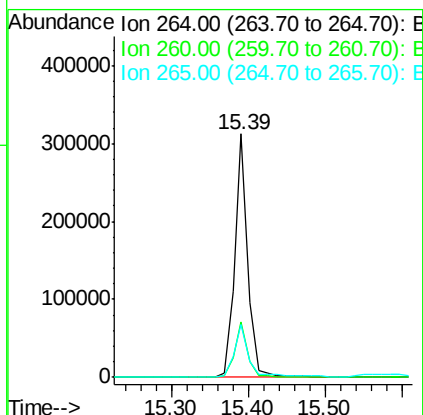
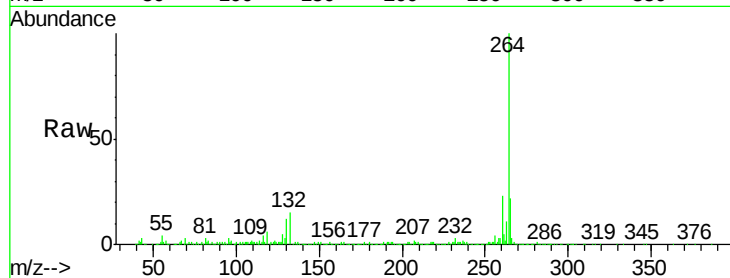
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF080834.D
Acq: 4 Aug 2015 10:15

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.3	27.5
265	22.0	17.0	25.6

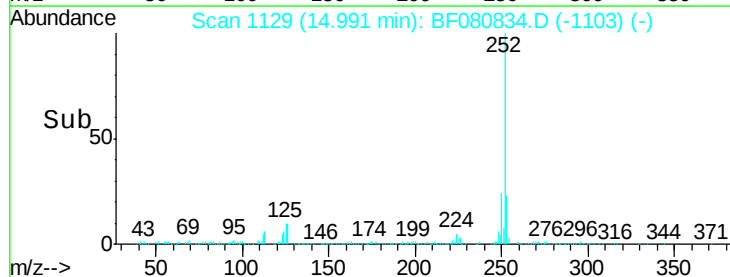
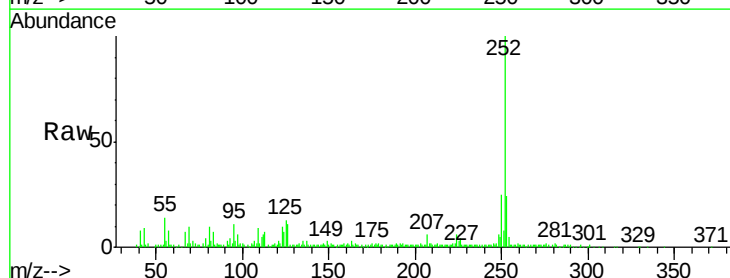
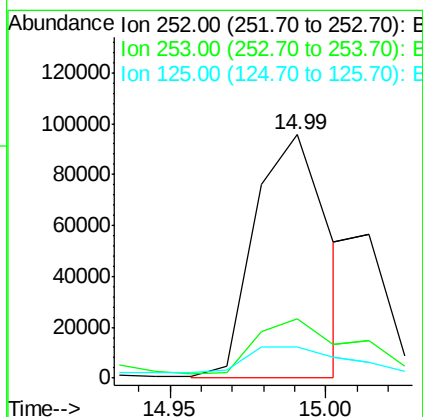
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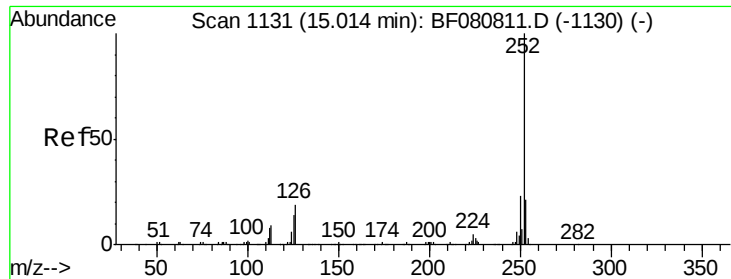
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#87
Benzo(b)fluoranthene
Concen: 7.17 ng m
RT: 14.99 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF080834.D
Acq: 4 Aug 2015 10:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.5	26.3
125	12.6	7.4	11.0#





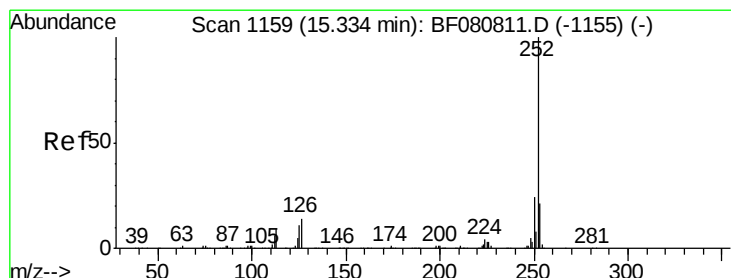
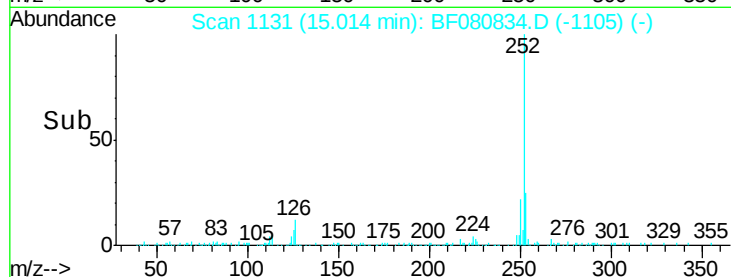
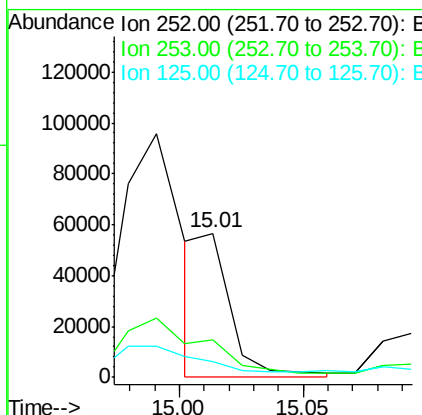
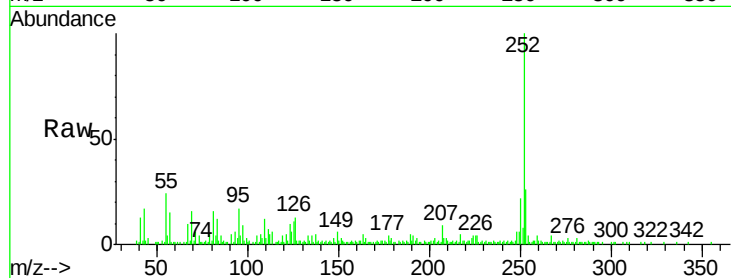
#88
Benzo(k)fluoranthene
Concen: 2.57 ng m
RT: 15.01 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BF080834.D
Acq: 4 Aug 2015 10:15

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-A

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.4	26.0#
125	10.9	9.9	14.9

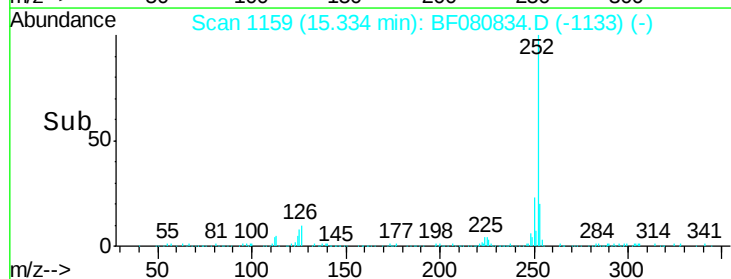
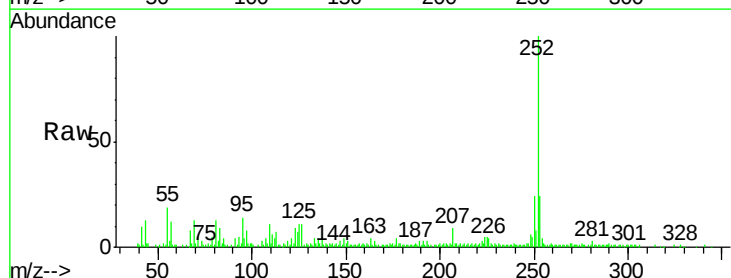
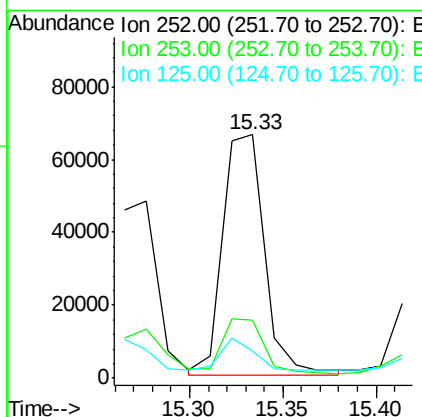
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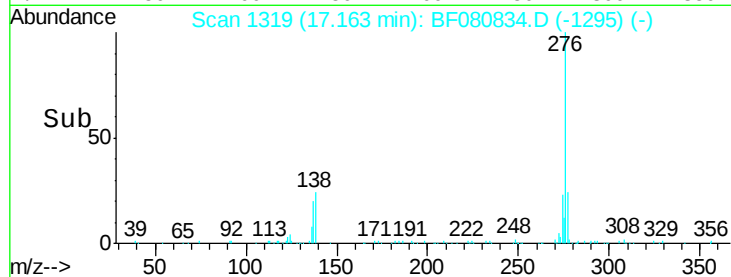
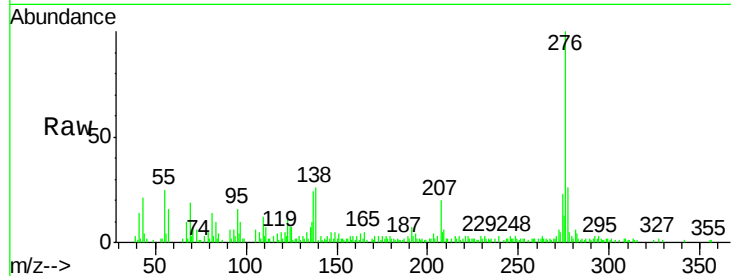
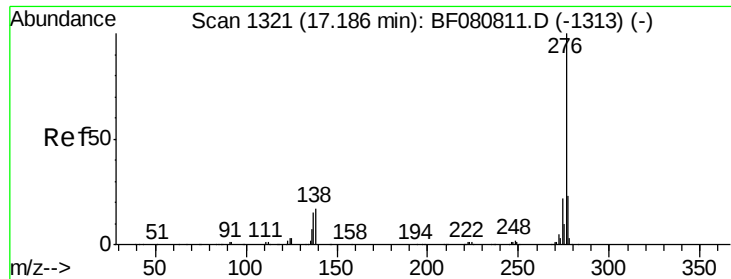
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#89
Benzo(a)pyrene
Concen: 5.54 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BF080834.D
Acq: 4 Aug 2015 10:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.2	25.8
125	11.0	8.9	13.3





#91

Benzo(g,h,i)perylene

Concen: 2.90 ng

RT: 17.16 min Scan# 1319

Delta R.T. -0.02 min

Lab File: BF080834.D

Acq: 4 Aug 2015 10:15

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-003-A

Tgt Ion: 276 Resp: 54897

Ion Ratio Lower Upper

276 100

277 25.9 18.6 27.8

138 25.7 13.3 19.9#

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