

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
 Data File : BF081119.D
 Acq On : 20 Aug 2015 10:51
 Operator : UM/IZ
 Sample : G3230-05
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB3B

Manual Integrations
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 8/20/2015 3:42:24 PM

Quant Time: Aug 20 12:03:22 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 11:22:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	61847	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	248483	20.00	ng	0.00
38) Acenaphthene-d10	9.62	164	102119	20.00	ng	0.00
63) Phenanthrene-d10	11.09	188	186185	20.00	ng	0.00
75) Chrysene-d12	13.72	240	121871	20.00	ng	0.01
86) Perylene-d12	15.05	264	98780	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	371699	90.40	ng	0.01
7) Phenol-d6	6.23	99	542013	101.03	ng	0.00
23) Nitrobenzene-d5	7.16	82	330832	60.82	ng	-0.01
41) 2,4,6-Tribromophenol	10.40	330	74142	83.76	ng	0.00
44) 2-Fluorobiphenyl	8.95	172	512459	65.75	ng	-0.01
78) Terphenyl-d14	12.68	244	375714	66.09	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.35	163	59956	7.13	ng	99
70) Phenanthrene	11.11	178	64048	5.80	ng	97
74) Fluoranthene	12.29	202	80940	6.80	ng	91
77) Pyrene	12.52	202	72641	7.33	ng	98
80) Benzo(a)anthracene	13.71	228	34777m	4.26	ng	
82) Chrysene	13.74	228	28363m	3.85	ng	
83) Bis(2-ethylhexyl)phthalate	13.73	149	37800	6.93	ng	95
85) Indeno(1,2,3-cd)pyrene	16.27	276	14105	2.73	ng	98
87) Benzo(b)fluoranthene	14.70	252	32215m	4.61	ng	
89) Benzo(a)pyrene	15.01	252	20320	3.34	ng	# 32
91) Benzo(g,h,i)perylene	16.63	276	13557	2.82	ng	# 68

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

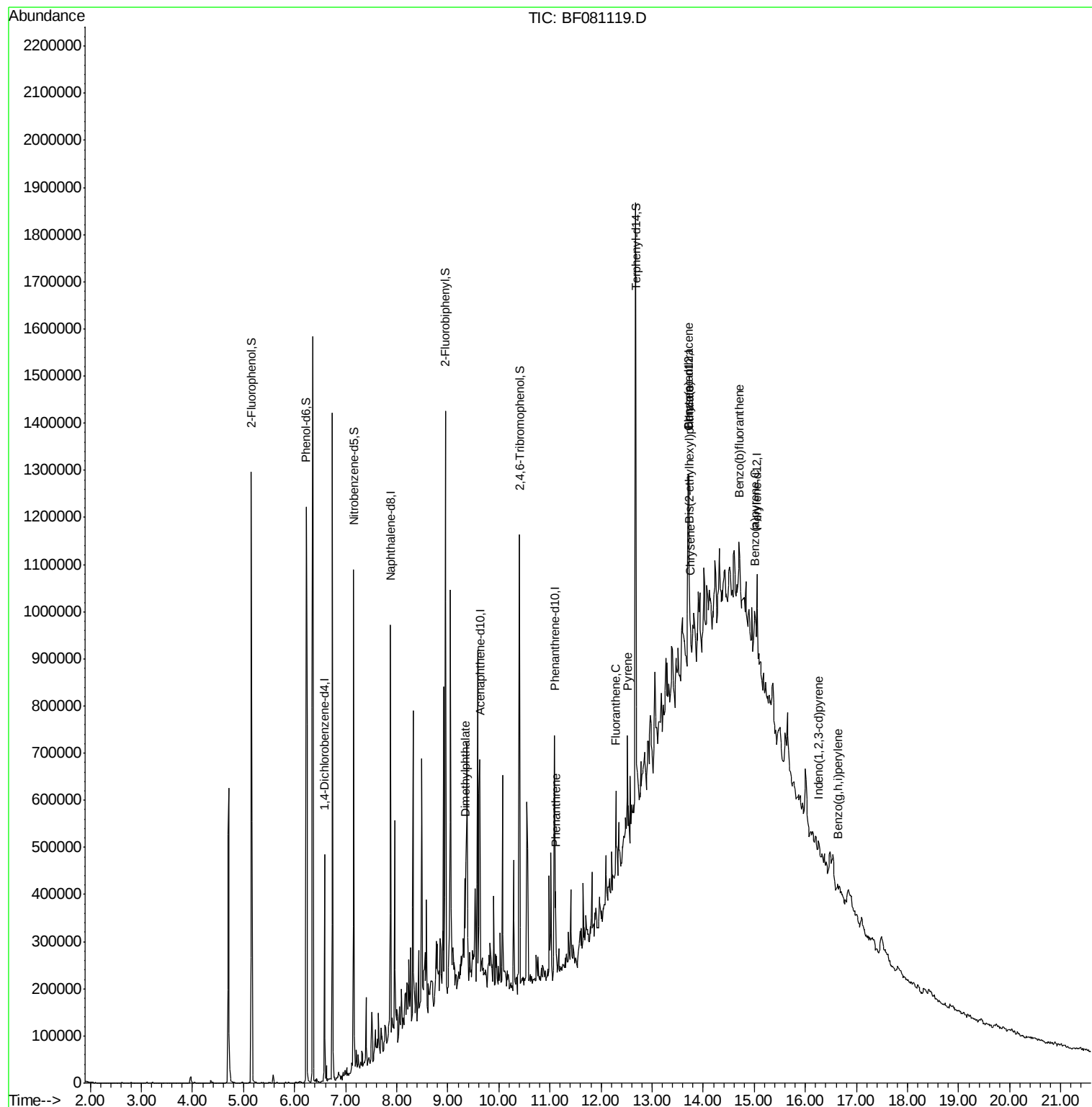
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
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Misc :
ALS Vial : 35 Sample Multiplier: 1

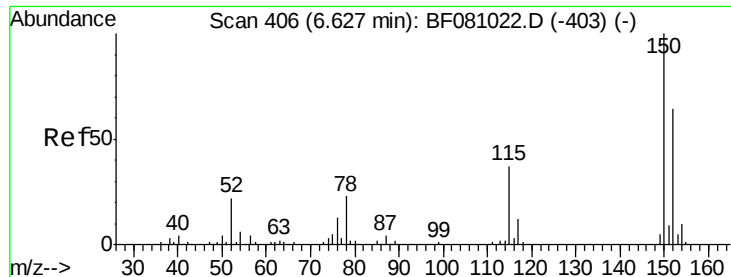
Instrument :
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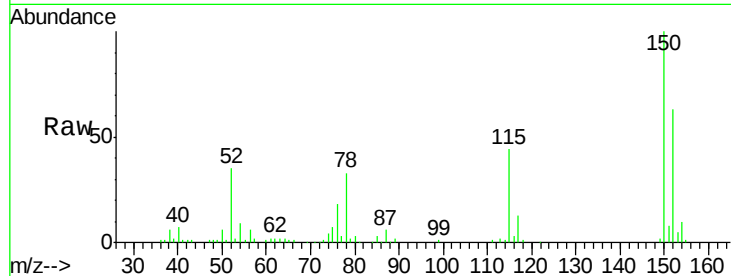




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF081119.D
Acq: 20 Aug 2015 10:51

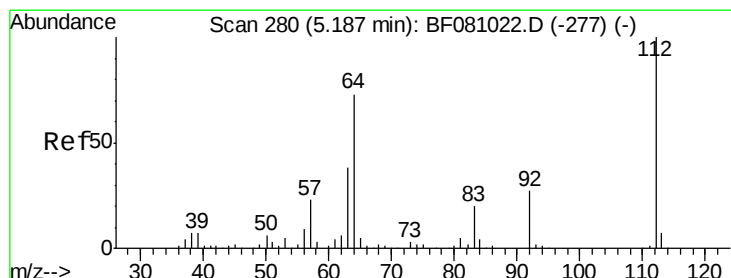
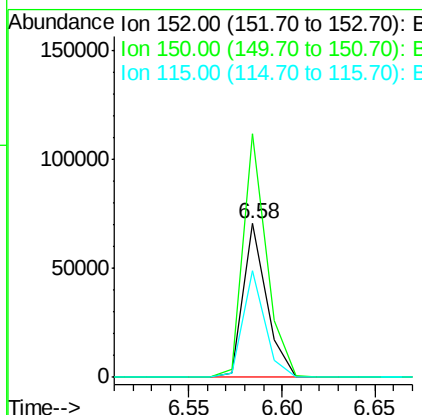
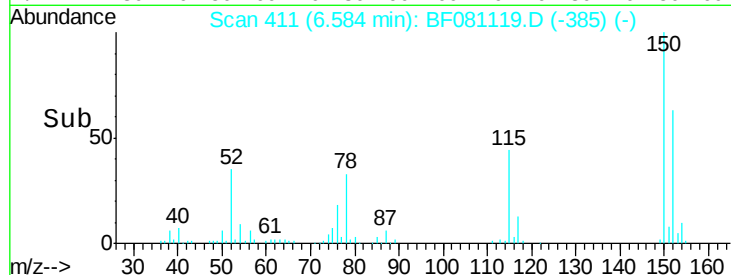
Instrument :
BNA_F
ClientSampled :
SB3B



Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.7	123.8	185.6
115	69.7	52.1	78.1

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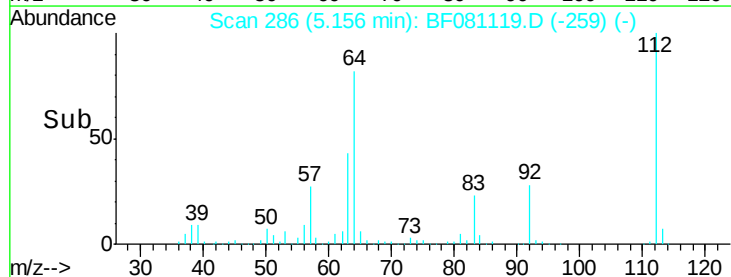
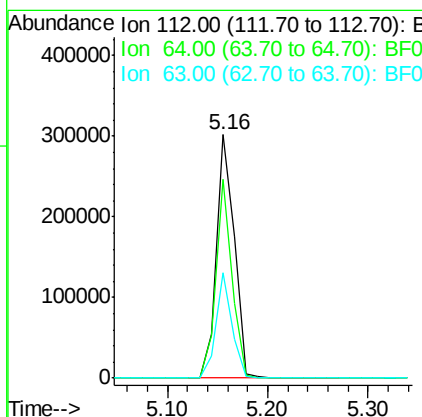
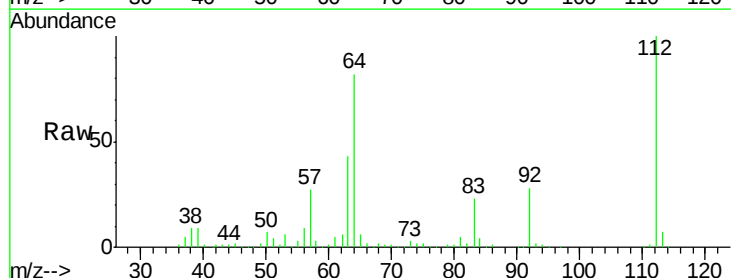
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#5

2-Fluorophenol
Concen: 90.40 ng
RT: 5.16 min Scan# 286
Delta R.T. 0.01 min
Lab File: BF081119.D
Acq: 20 Aug 2015 10:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	81.8	66.9	100.3
63	43.4	38.1	57.1





#7

Phenol-d6

Concen: 101.03 ng

RT: 6.23 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF081119.D

Acq: 20 Aug 2015 10:51

Instrument :

BNA_F

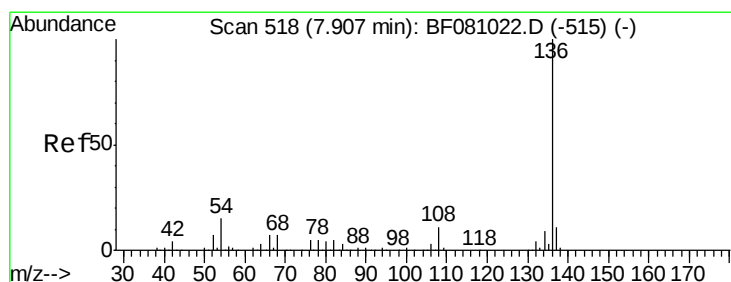
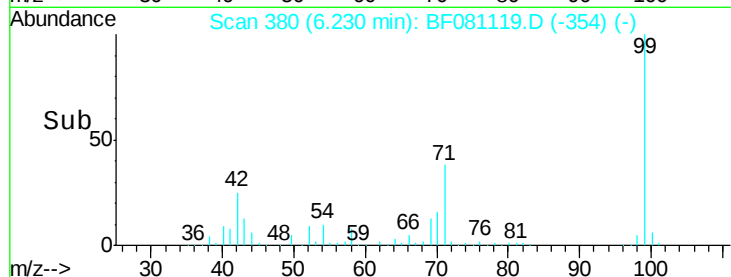
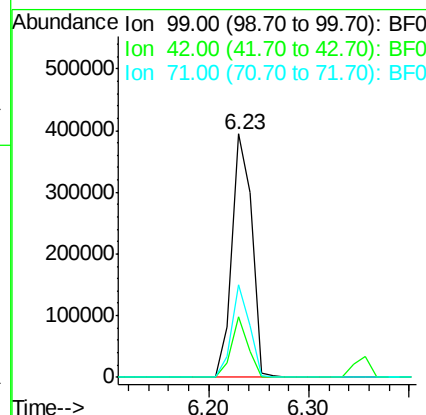
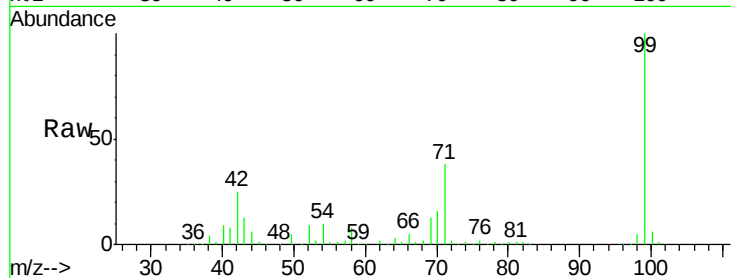
ClientSampleId :

SB3B

Tgt Ion:	99	Resp:	542013
Ion Ratio	Lower	Upper	
99	100		
42	24.6	19.6	29.4
71	37.8	31.2	46.8

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#21

Naphthalene-d8

Concen: 20.00 ng

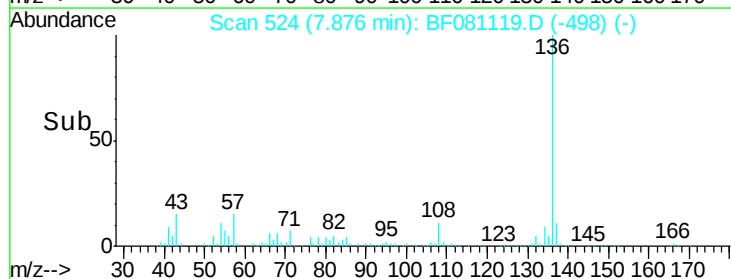
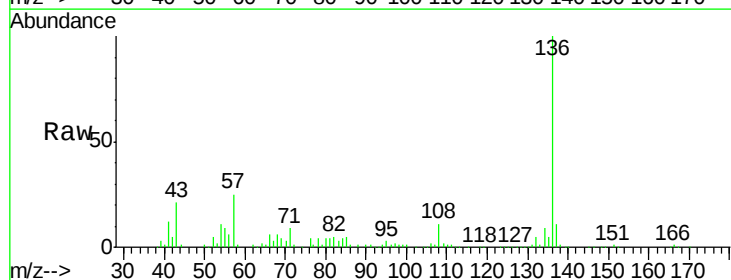
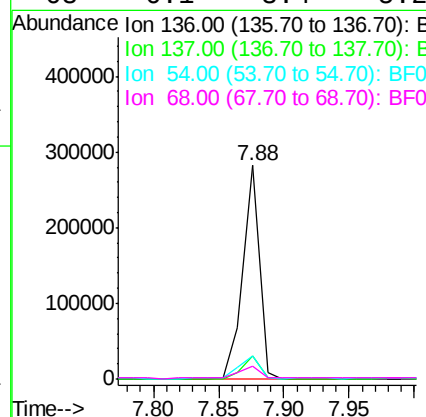
RT: 7.88 min Scan# 524

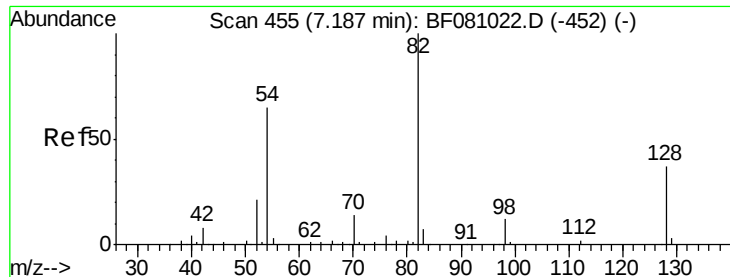
Delta R.T. -0.00 min

Lab File: BF081119.D

Acq: 20 Aug 2015 10:51

Tgt Ion:	136	Resp:	248483
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.2	12.2
54	10.8	7.7	11.5
68	6.1	3.4	5.2#





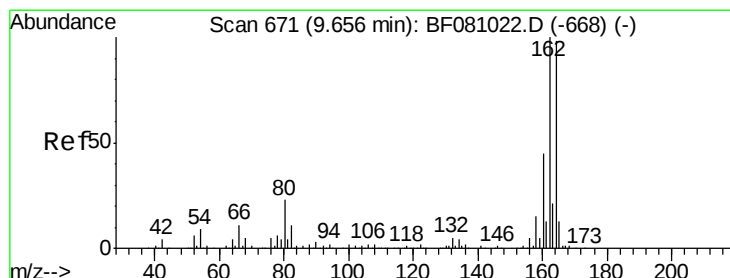
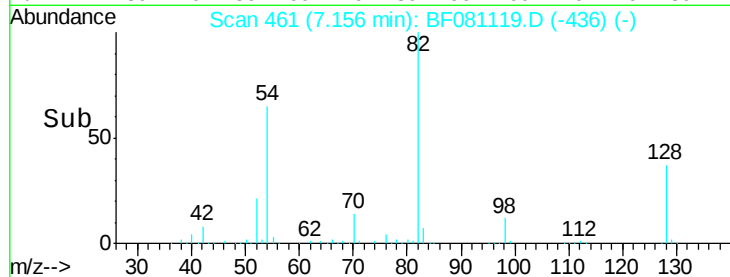
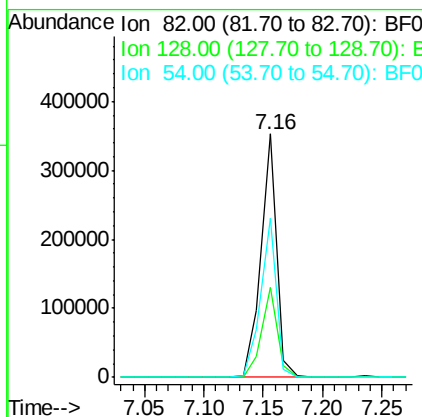
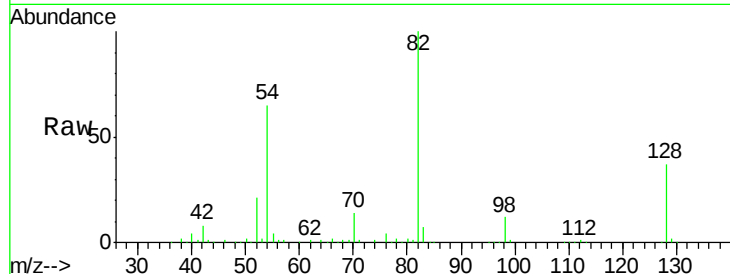
#23
Nitrobenzene-d5
Concen: 60.82 ng
RT: 7.16 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF081119.D
Acq: 20 Aug 2015 10:51

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	36.7	28.6	42.8
54	65.4	55.1	82.7

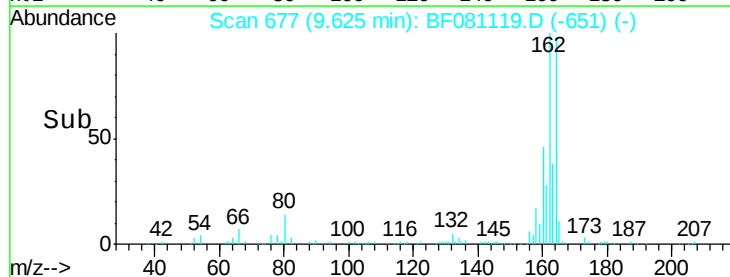
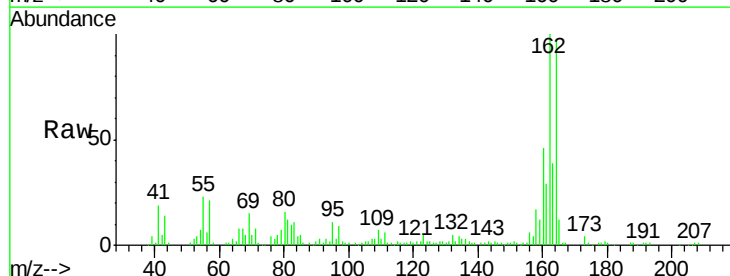
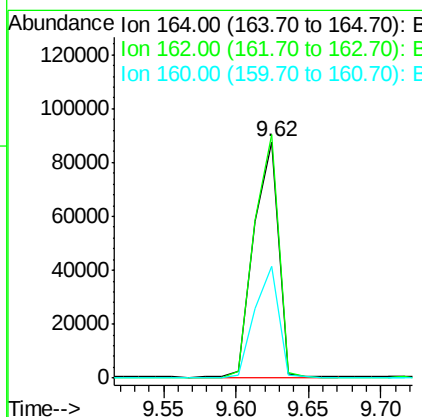
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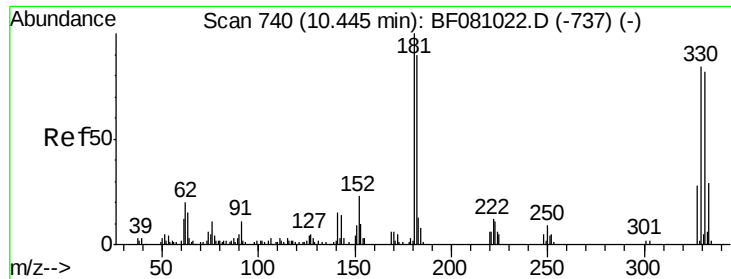
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF081119.D
Acq: 20 Aug 2015 10:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	103.0	83.8	125.8
160	47.4	39.8	59.8





#41

2,4,6-Tribromophenol

Concen: 83.76 ng

RT: 10.40 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF081119.D

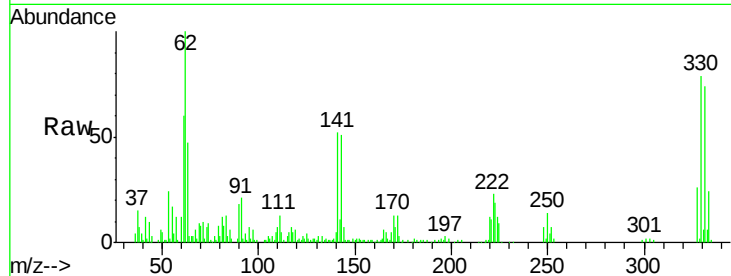
Acq: 20 Aug 2015 10:51

Instrument :

BNA_F

ClientSampled :

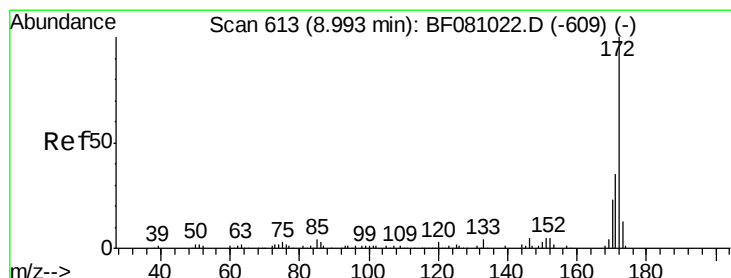
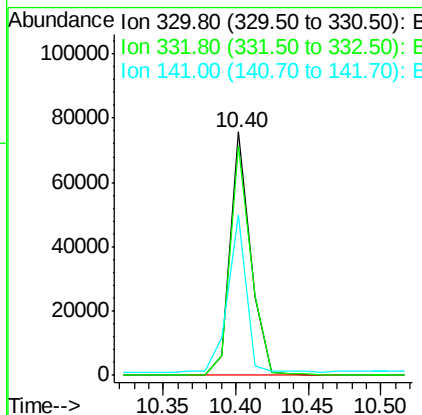
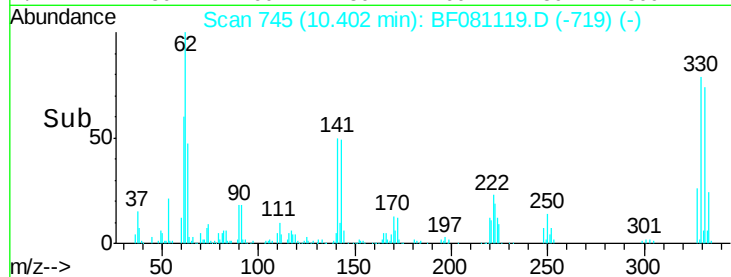
SB3B



Tgt Ion:	330	Resp:	74142
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.3	115.9
141	60.0	44.9	67.3

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#44

2-Fluorobiphenyl

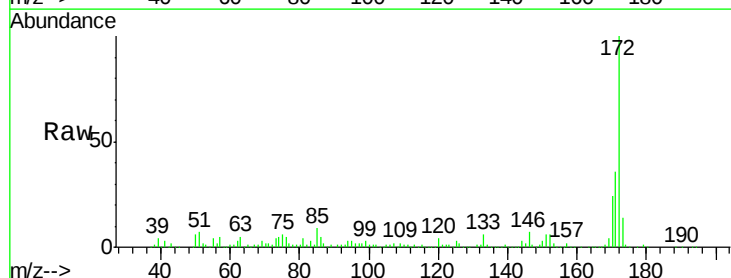
Concen: 65.75 ng

RT: 8.95 min Scan# 618

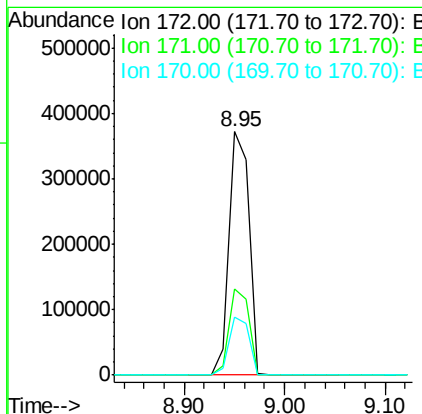
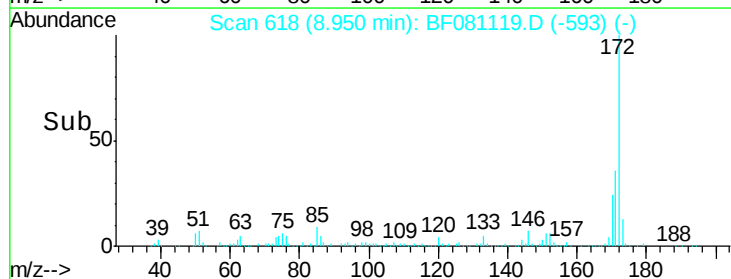
Delta R.T. -0.01 min

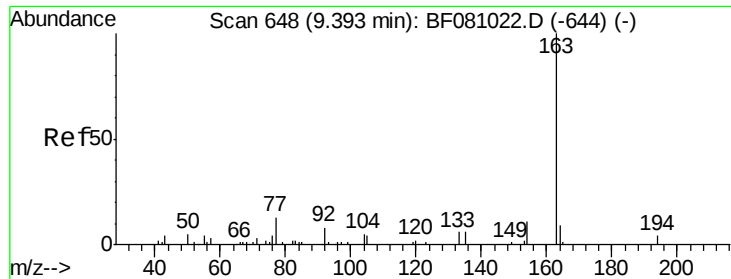
Lab File: BF081119.D

Acq: 20 Aug 2015 10:51



Tgt Ion:	172	Resp:	512459
Ion Ratio	Lower	Upper	
172	100		
171	35.5	28.9	43.3
170	24.0	19.4	29.2





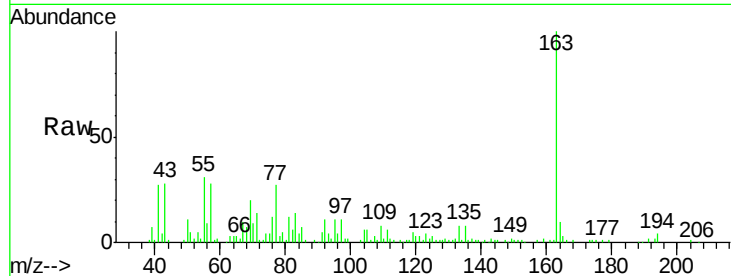
#49
Dimethylphthalate
Concen: 7.13 ng
RT: 9.35 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF081119.D
Acq: 20 Aug 2015 10:51

Instrument :
BNA_F
ClientSampleId :
SB3B

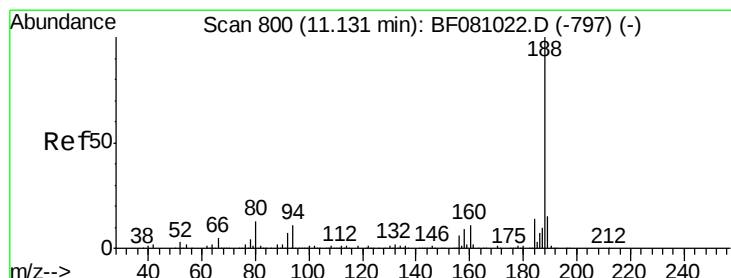
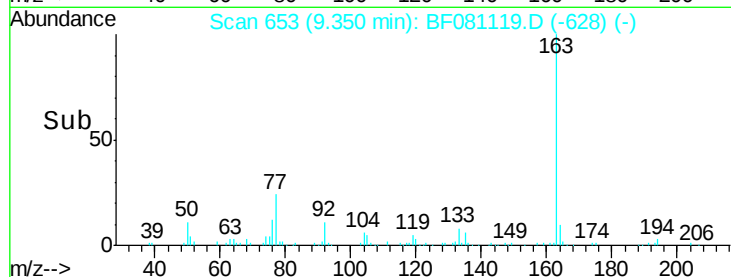
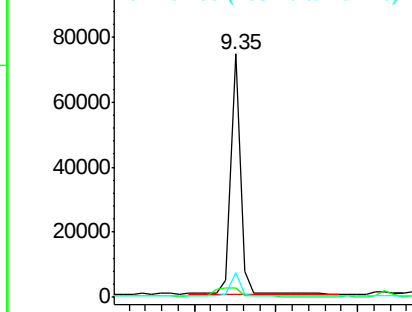
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	59956		
194	3.7		2.5	3.7
164	10.3		8.1	12.1

Manual Integrations
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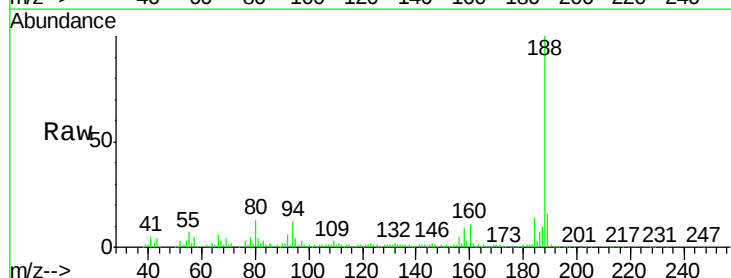


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

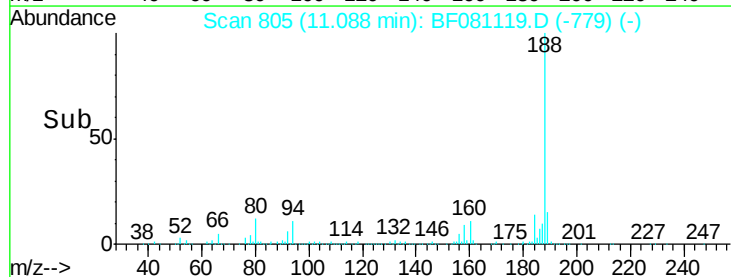
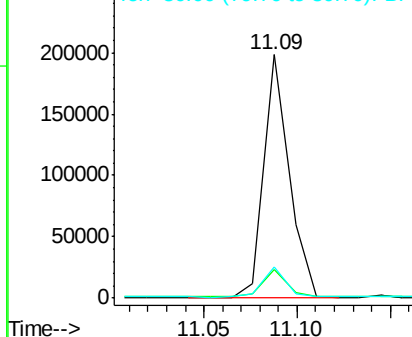


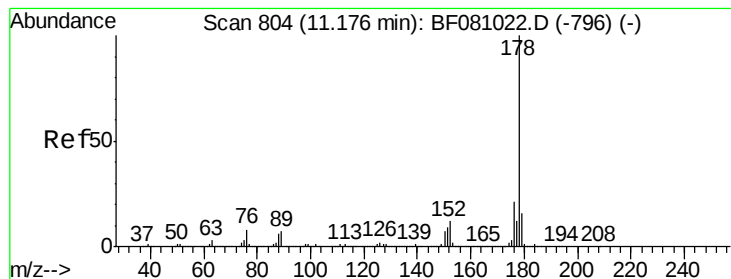
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF081119.D
Acq: 20 Aug 2015 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	186185		
94	11.9		8.2	12.2
80	13.0		9.5	14.3



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: 5.80 ng

RT: 11.11 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF081119.D

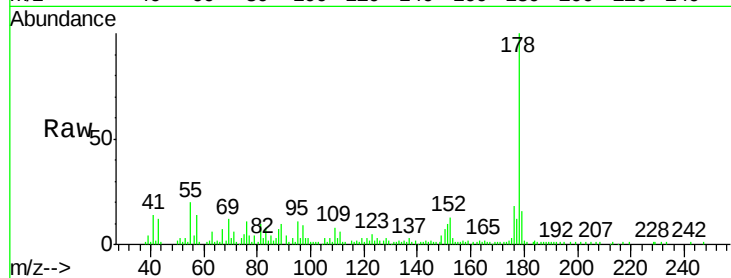
Acq: 20 Aug 2015 10:51

Instrument :

BNA_F

ClientSampleId :

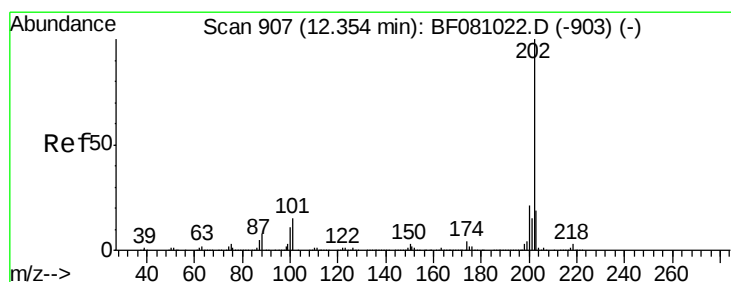
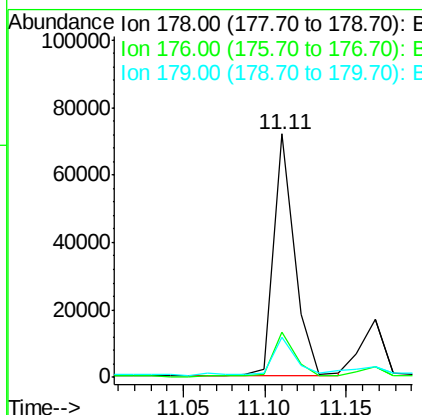
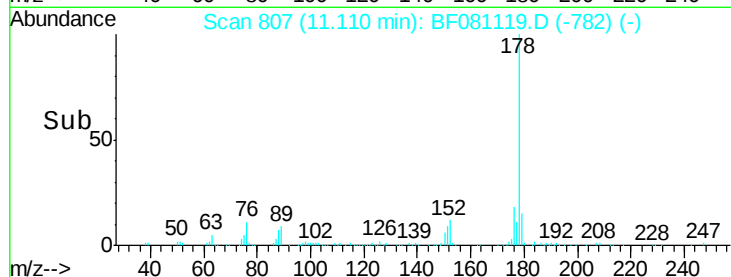
SB3B



Tgt Ion:	178	Resp:	64048
Ion Ratio	Lower	Upper	
178	100		
176	18.4	15.7	23.5
179	16.3	12.2	18.2

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#74

Fluoranthene

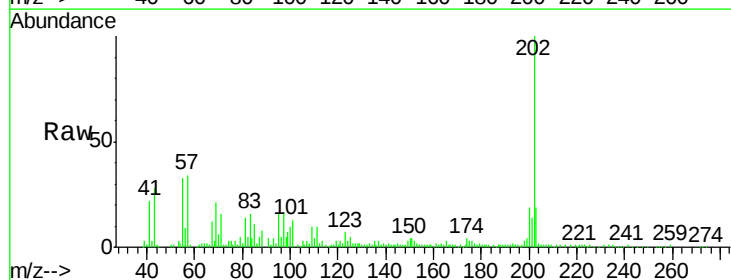
Concen: 6.80 ng

RT: 12.29 min Scan# 910

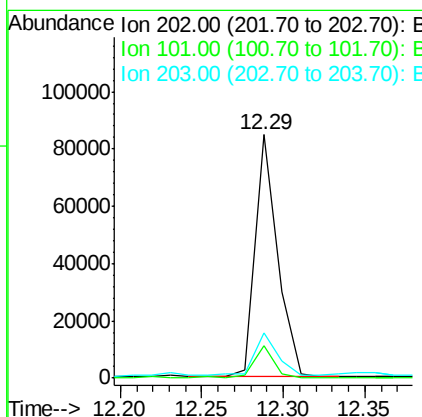
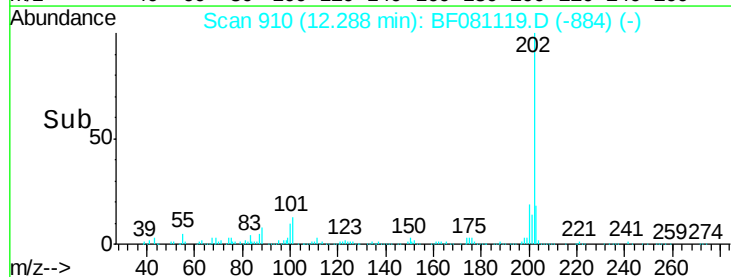
Delta R.T. -0.00 min

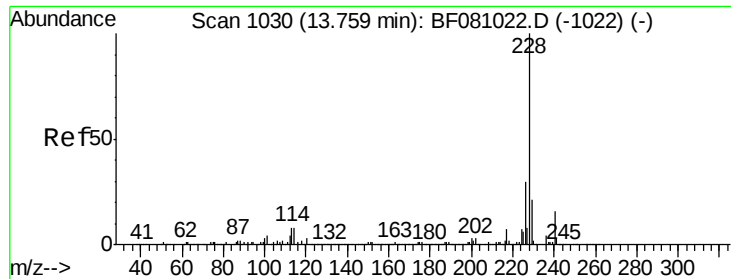
Lab File: BF081119.D

Acq: 20 Aug 2015 10:51



Tgt Ion:	202	Resp:	80940
Ion Ratio	Lower	Upper	
202	100		
101	13.4	0.0	24.8
203	18.6	0.0	36.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.72 min Scan# 1035

Delta R.T. 0.01 min

Lab File: BF081119.D

Acq: 20 Aug 2015 10:51

Instrument :

BNA_F

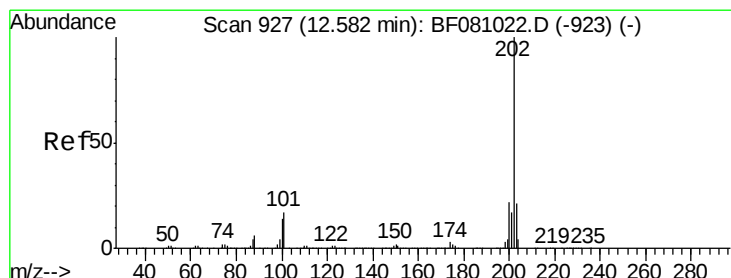
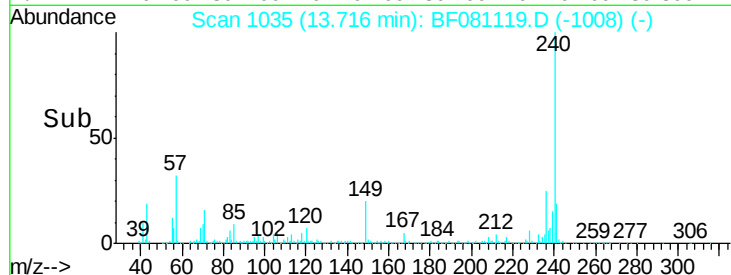
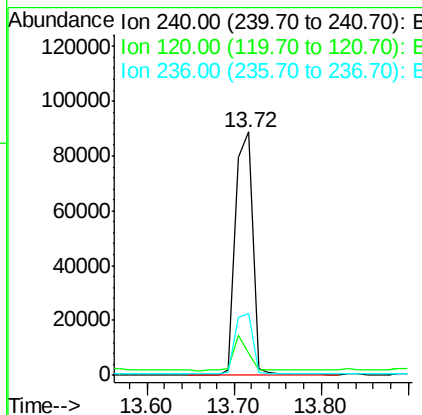
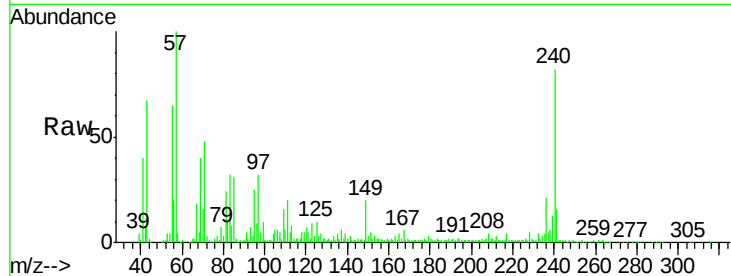
ClientSampleId :

SB3B

Tgt Ion:	240	Resp:	121871
Ion Ratio		Lower	Upper
240	100		
120	8.9	5.6	8.4#
236	25.5	20.6	30.8

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#77

Pyrene

Concen: 7.33 ng

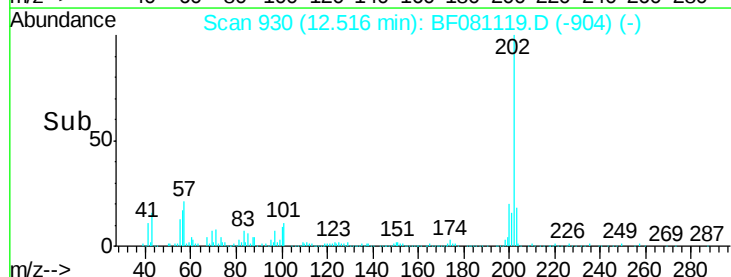
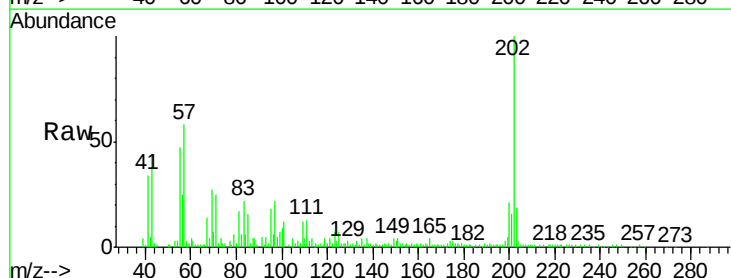
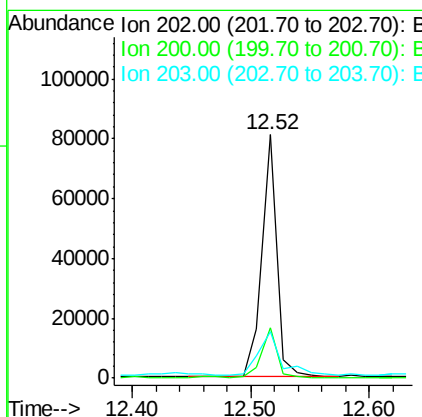
RT: 12.52 min Scan# 930

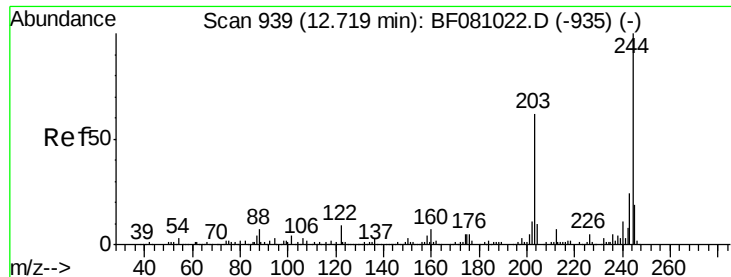
Delta R.T. -0.00 min

Lab File: BF081119.D

Acq: 20 Aug 2015 10:51

Tgt Ion:	202	Resp:	72641
Ion Ratio		Lower	Upper
202	100		
200	20.6	16.6	24.8
203	19.2	14.1	21.1





#78

Terphenyl-d14

Concen: 66.09 ng

RT: 12.68 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF081119.D

Acq: 20 Aug 2015 10:51

Instrument :

BNA_F

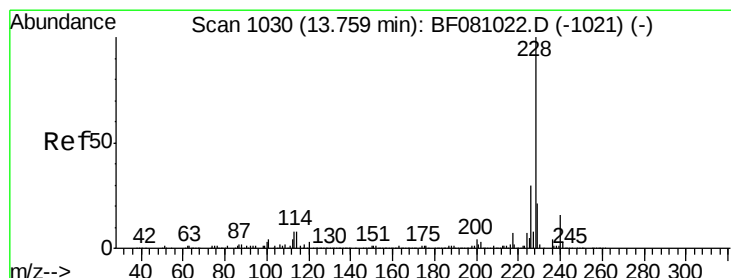
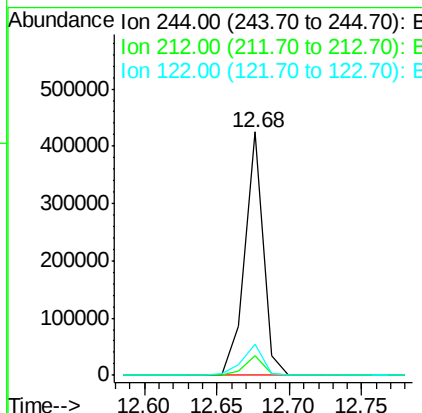
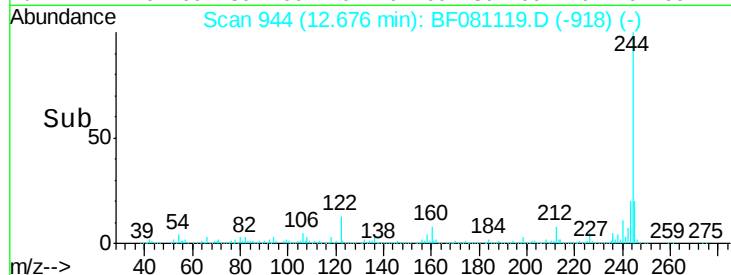
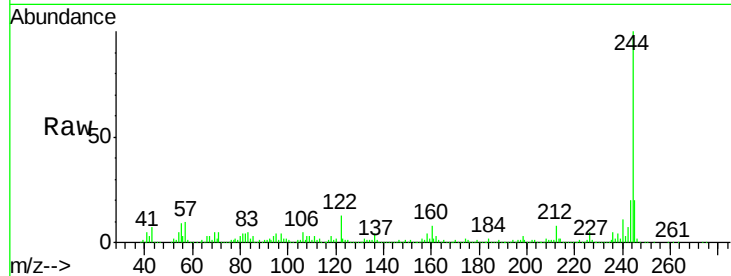
ClientSampled :

SB3B

Tgt Ion:	244	Resp:	375714
Ion Ratio		Lower	Upper
244	100		
212	8.0	5.8	8.8
122	12.9	8.2	12.4#

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#80

Benzo(a)anthracene

Concen: 4.26 ng m

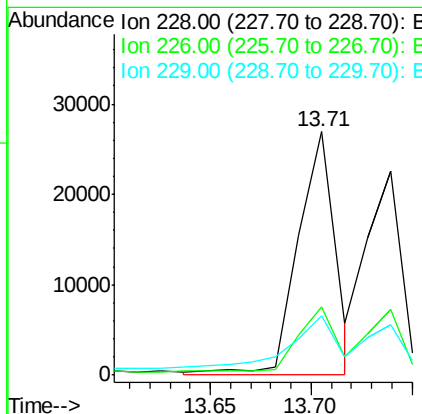
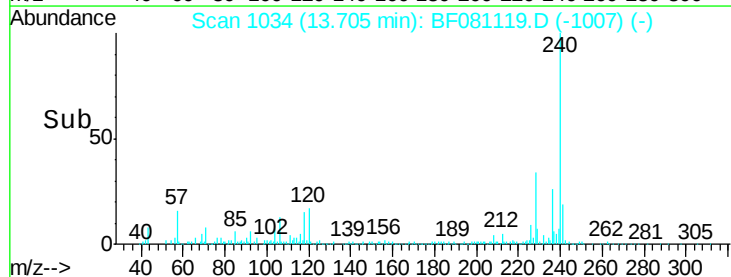
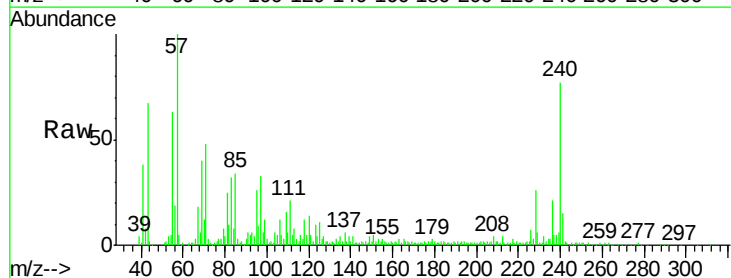
RT: 13.71 min Scan# 1034

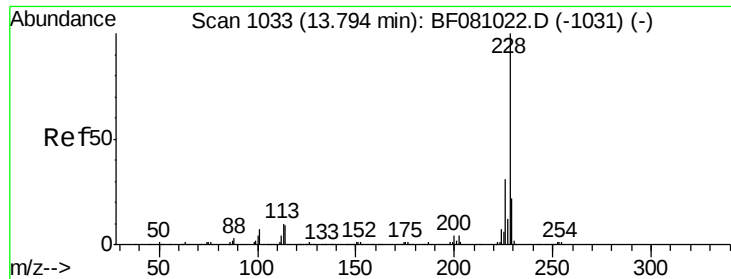
Delta R.T. 0.01 min

Lab File: BF081119.D

Acq: 20 Aug 2015 10:51

Tgt Ion:	228	Resp:	34777
Ion Ratio		Lower	Upper
228	100		
226	27.8	22.3	33.5
229	24.2	15.9	23.9#





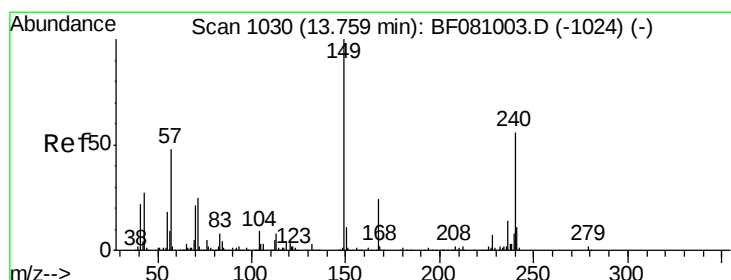
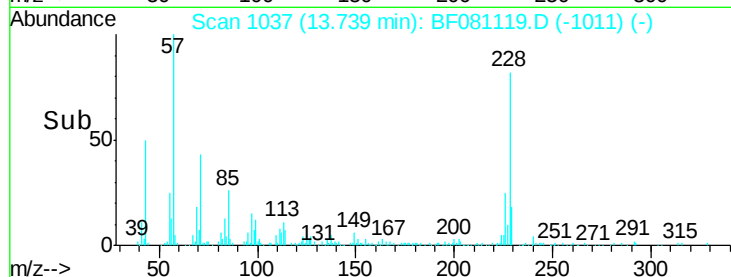
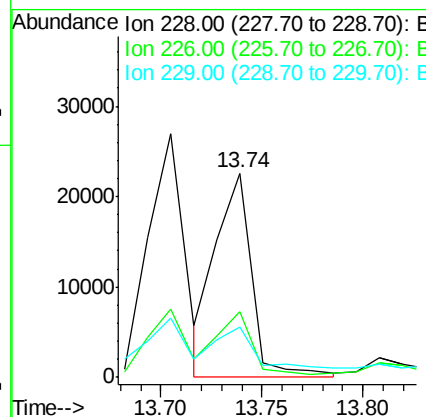
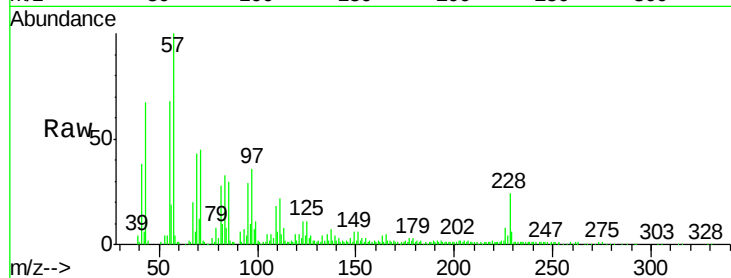
#82
Chrysene
Concen: 3.85 ng m
RT: 13.74 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF081119.D
Acq: 20 Aug 2015 10:51

Instrument :
BNA_F
ClientSampleId :
SB3B

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	28363		
226	32.4	24.4	36.6	
229	24.6	16.0	24.0	

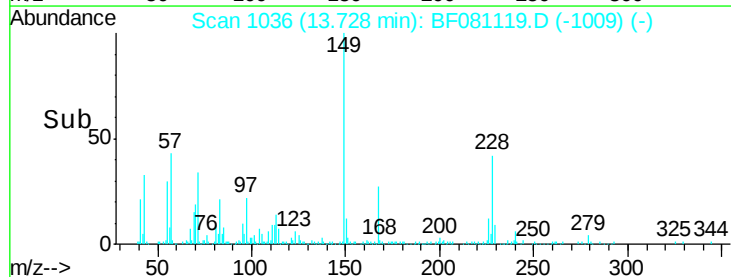
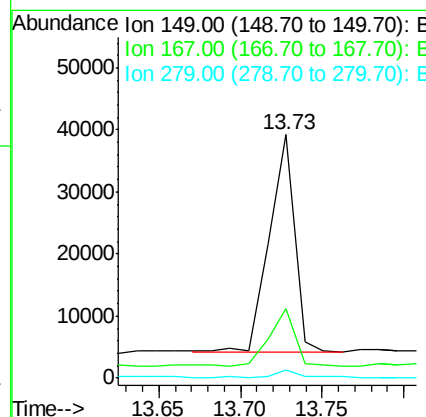
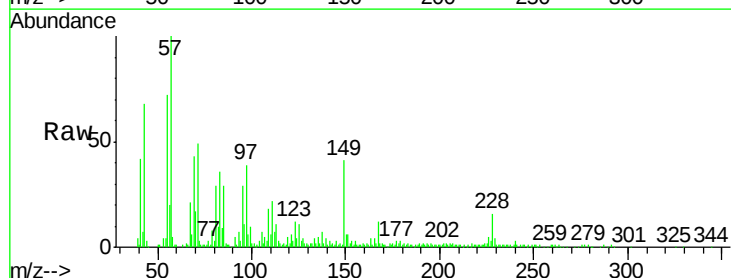
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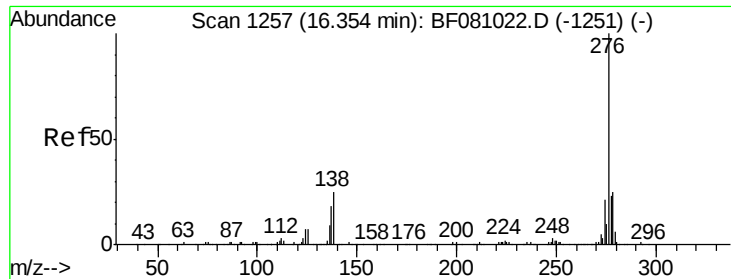
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#83
Bis(2-ethylhexyl)phthalate
Concen: 6.93 ng
RT: 13.73 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BF081119.D
Acq: 20 Aug 2015 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	37800		
167	28.4	20.7	31.1	
279	3.3	2.2	3.4	





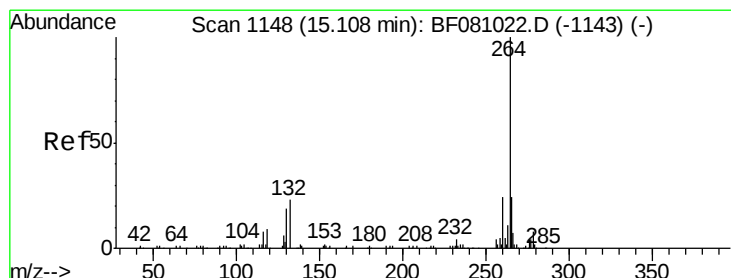
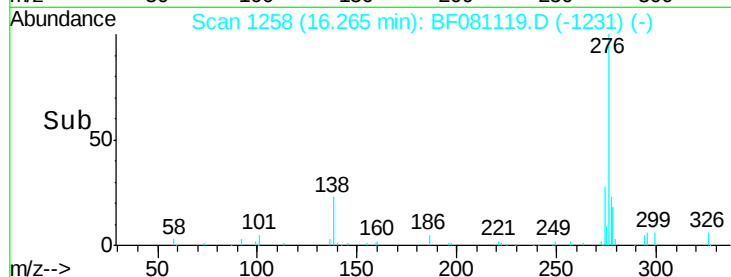
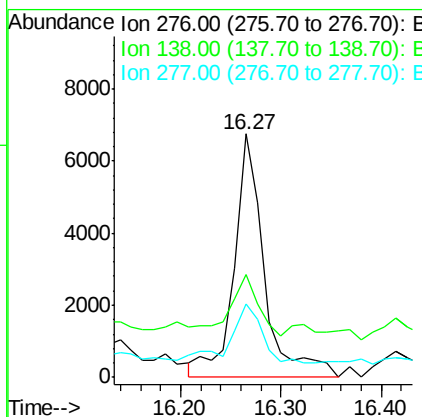
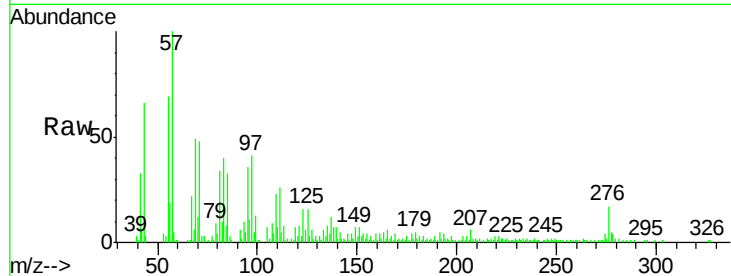
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.73 ng
 RT: 16.27 min Scan# 1258
 Delta R.T. 0.01 min
 Lab File: BF081119.D
 Acq: 20 Aug 2015 10:51

Instrument :
 BNA_F
 ClientSampleId :
 SB3B

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.3	18.6	28.0
277	25.1	19.8	29.8

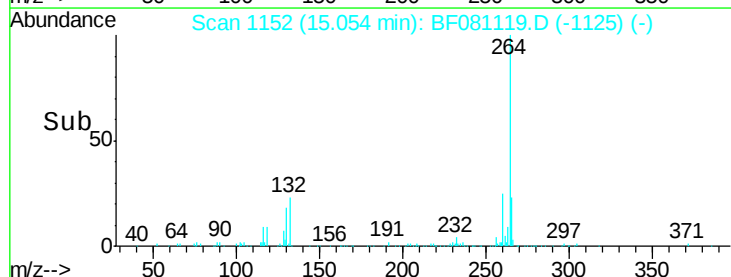
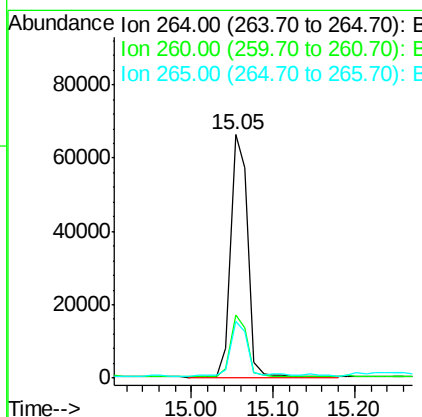
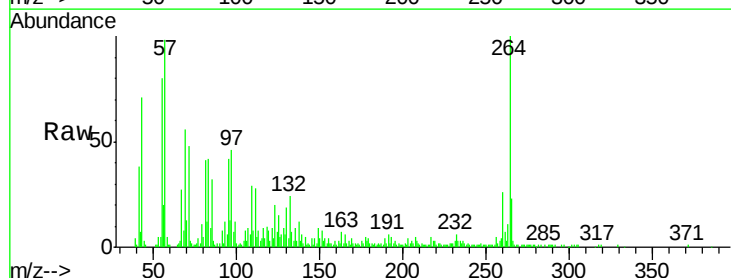
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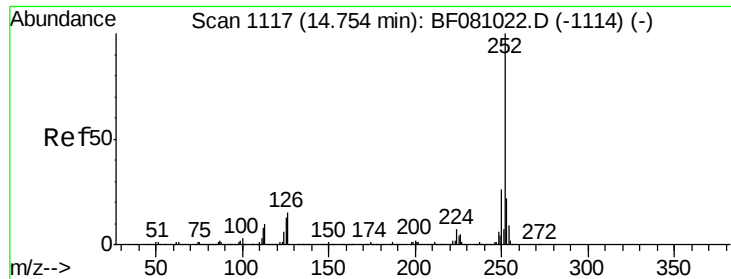
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1152
 Delta R.T. 0.01 min
 Lab File: BF081119.D
 Acq: 20 Aug 2015 10:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.9	19.6	29.4
265	23.3	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 4.61 ng m

RT: 14.70 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BF081119.D

Acq: 20 Aug 2015 10:51

Instrument :

BNA_F

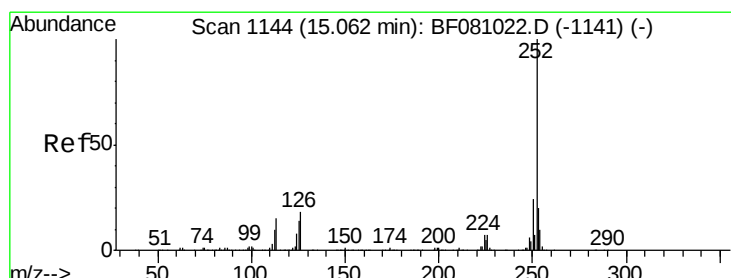
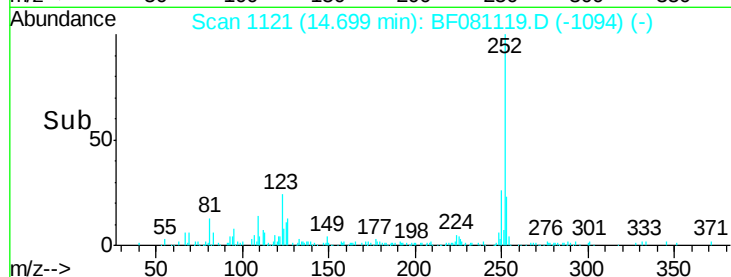
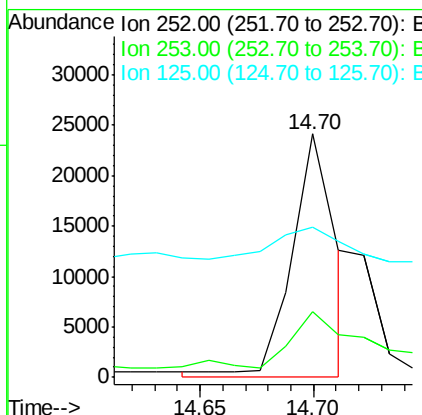
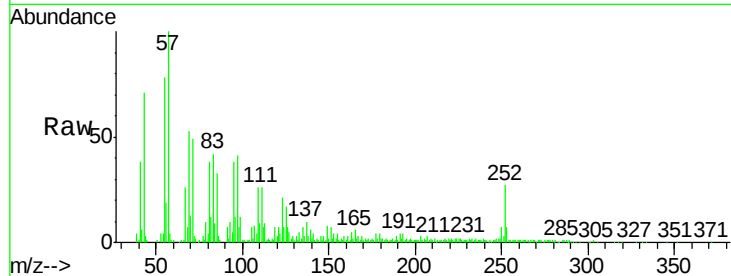
ClientSampleId :

SB3B

Tgt Ion:	252	Resp:	32215
Ion Ratio	Lower	Upper	
252	100		
253	26.9	17.1	25.7#
125	61.8	8.0	12.0#

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#89

Benzo(a)pyrene

Concen: 3.34 ng

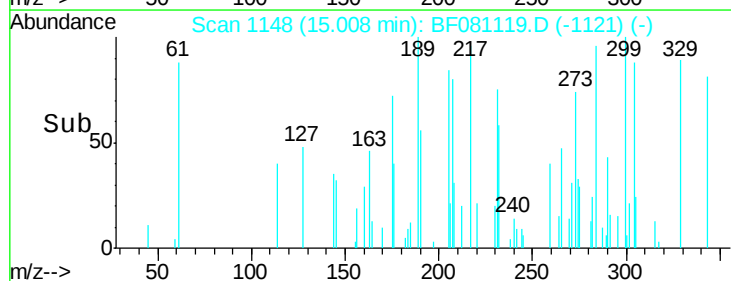
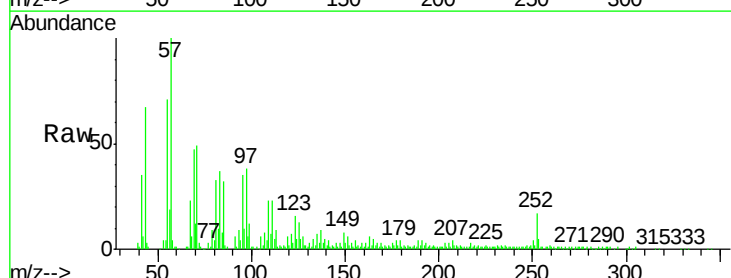
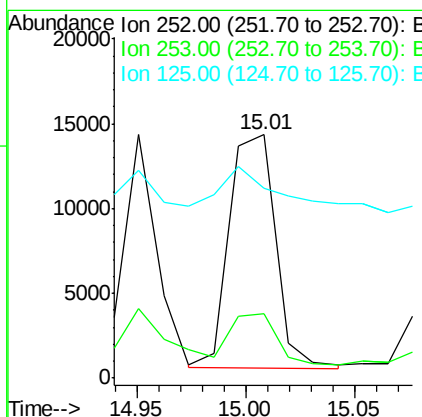
RT: 15.01 min Scan# 1148

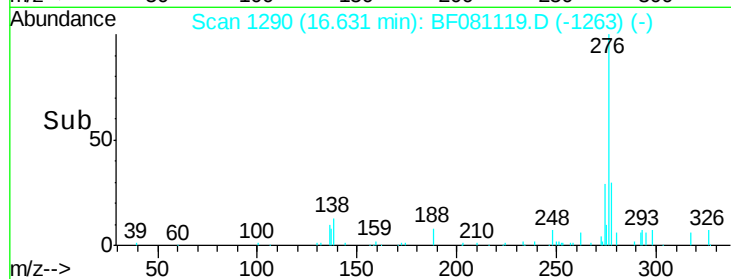
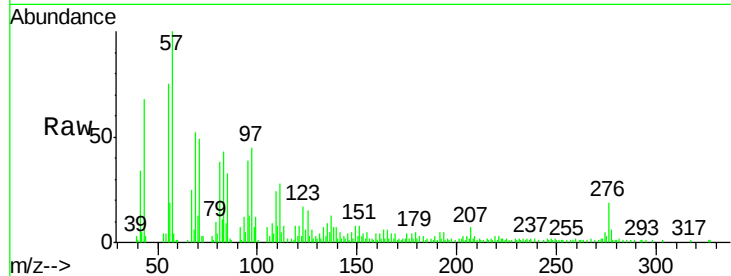
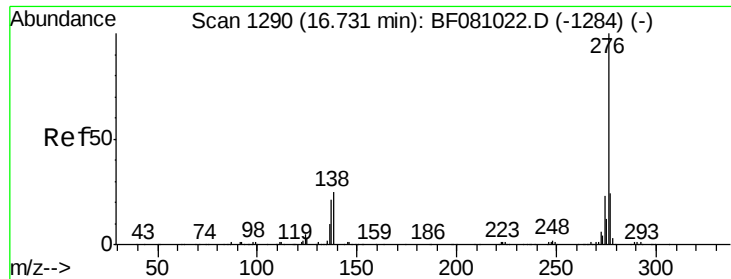
Delta R.T. 0.01 min

Lab File: BF081119.D

Acq: 20 Aug 2015 10:51

Tgt Ion:	252	Resp:	20320
Ion Ratio	Lower	Upper	
252	100		
253	26.6	16.6	25.0#
125	77.9	7.8	11.8#





#91

Benzo(g,h,i)perylene

Concen: 2.82 ng

RT: 16.63 min Scan# 1290

Delta R.T. 0.01 min

Lab File: BF081119.D

Acq: 20 Aug 2015 10:51

Instrument :

BNA_F

ClientSampleId :

SB3B

Tgt Ion: 276 Resp: 13557

Ion Ratio Lower Upper

276 100

277 34.1 18.2 27.2#

138 36.3 13.7 20.5#

Manual Integrations
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