

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
 Data File : BF081117.D
 Acq On : 20 Aug 2015 9:49
 Operator : UM/IZ
 Sample : G3325-03 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

Manual Integrations
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 8/20/2015 3:42:07 PM

Quant Time: Aug 20 11:41:15 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	78428	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	308901	20.00	ng	0.00
38) Acenaphthene-d10	9.61	164	128715	20.00	ng	-0.01
63) Phenanthrene-d10	11.09	188	264974	20.00	ng	0.00
75) Chrysene-d12	13.71	240	177565	20.00	ng	0.00
86) Perylene-d12	15.04	264	148075	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	93517	17.93	ng	0.00
7) Phenol-d6	6.22	99	130973	19.25	ng	-0.01
23) Nitrobenzene-d5	7.14	82	74648	11.04	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	17945	16.08	ng	0.00
44) 2-Fluorobiphenyl	8.95	172	148148	15.08	ng	-0.01
78) Terphenyl-d14	12.66	244	108577	13.11	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.35	163	21266	2.01	ng	99
70) Phenanthrene	11.11	178	67512	4.30	ng	99
74) Fluoranthene	12.29	202	171784	10.14	ng	95
77) Pyrene	12.52	202	159307	11.04	ng	98
80) Benzo(a)anthracene	13.69	228	79441m	6.67	ng	
82) Chrysene	13.73	228	82017m	7.64	ng	
83) Bis(2-ethylhexyl)phthalate	13.72	149	171284	21.55	ng	# 99
87) Benzo(b)fluoranthene	14.69	252	97906m	9.35	ng	
88) Benzo(k)fluoranthene	14.71	252	35543m	3.64	ng	
89) Benzo(a)pyrene	15.00	252	64693	7.09	ng	94
91) Benzo(g,h,i)perylene	16.61	276	42799	5.93	ng	# 92

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

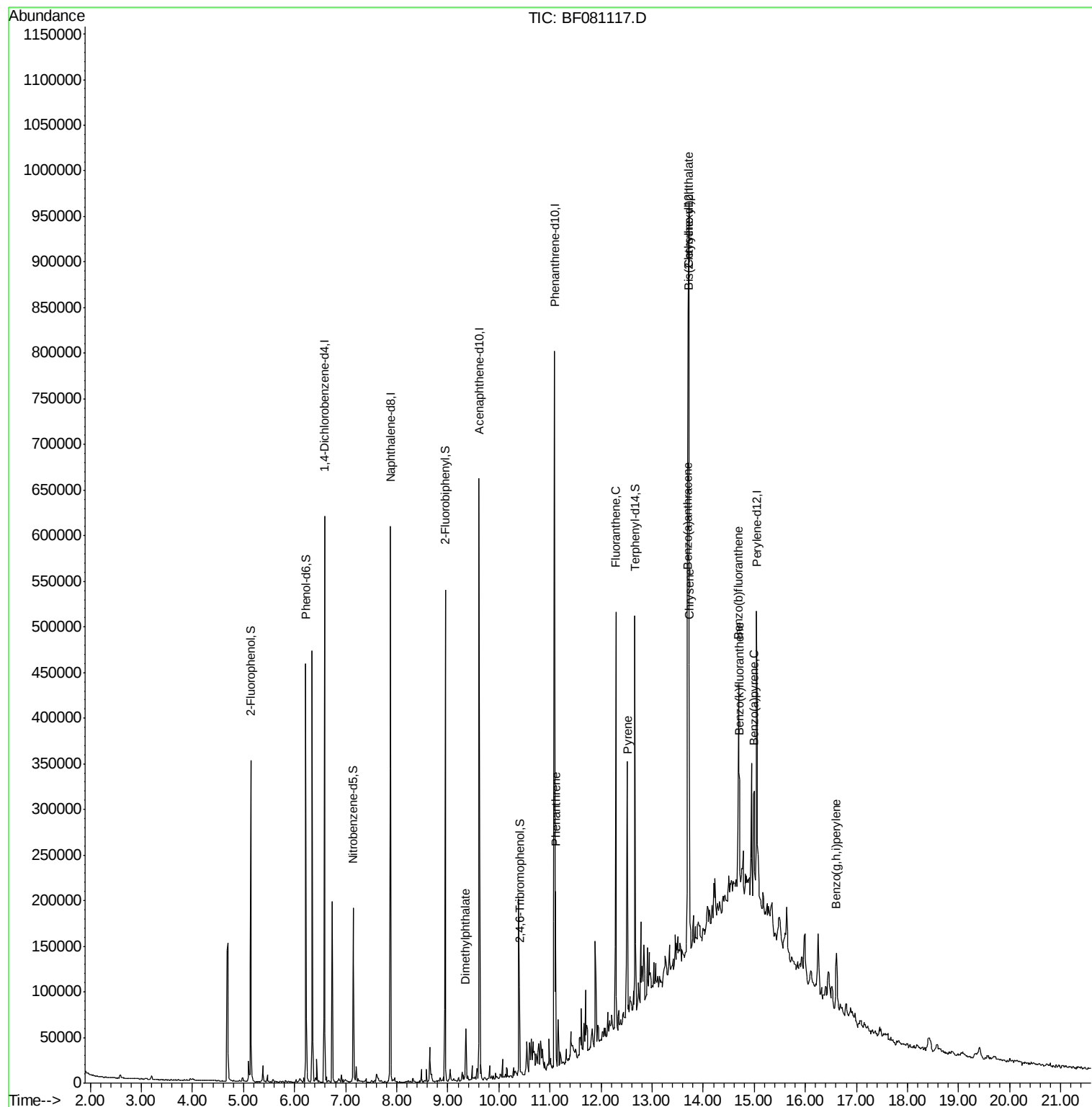
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
Data File : BF081117.D
Acq On : 20 Aug 2015 9:49
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
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QLast Update : Thu Aug 20 11:22:13 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF081117.D

Acq: 20 Aug 2015 9:49

Instrument :

BNA_F

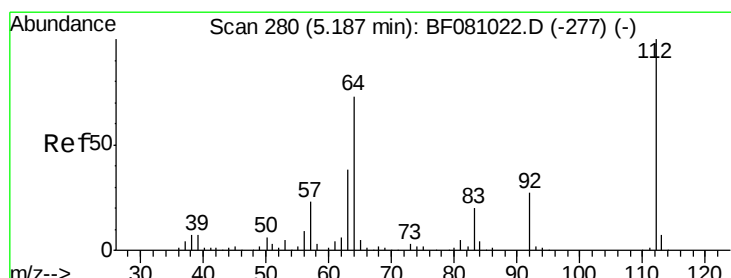
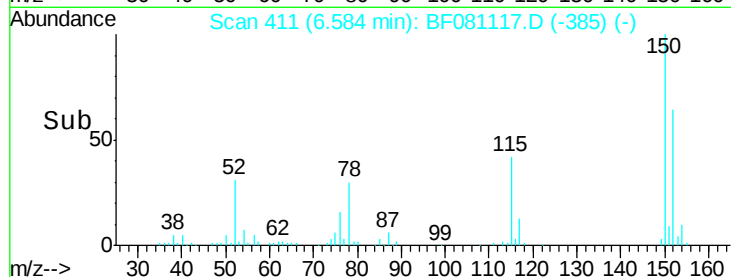
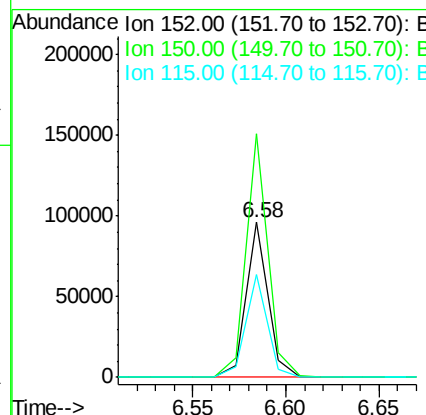
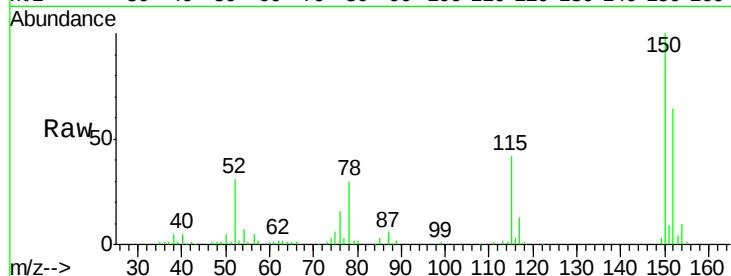
ClientSampleId :

SP-2

Tgt Ion:	152	Resp:	78428
Ion Ratio	Lower	Upper	
152	100		
150	157.1	123.8	185.6
115	66.7	52.1	78.1

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#5

2-Fluorophenol

Concen: 17.93 ng

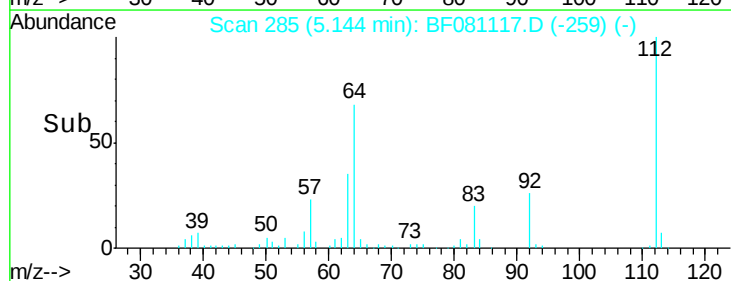
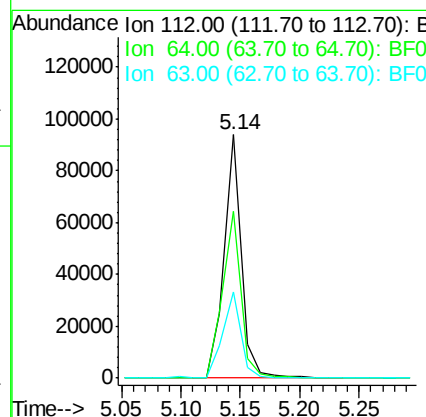
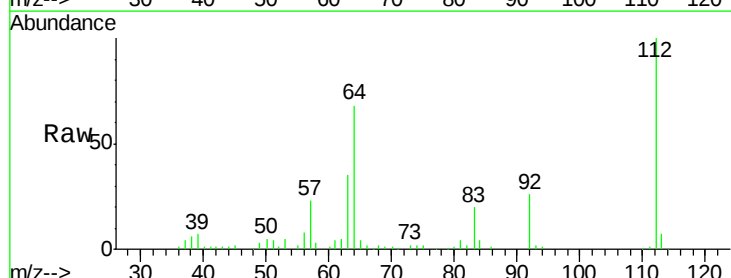
RT: 5.14 min Scan# 285

Delta R.T. -0.00 min

Lab File: BF081117.D

Acq: 20 Aug 2015 9:49

Tgt Ion:	112	Resp:	93517
Ion Ratio	Lower	Upper	
112	100		
64	68.4	66.9	100.3
63	35.4	38.1	57.1#





#7

Phenol-d6

Concen: 19.25 ng

RT: 6.22 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF081117.D

Acq: 20 Aug 2015 9:49

Instrument :

BNA_F

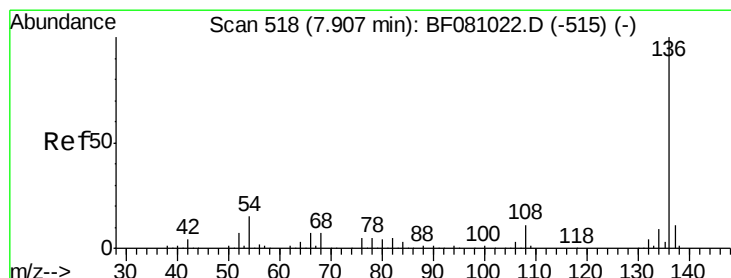
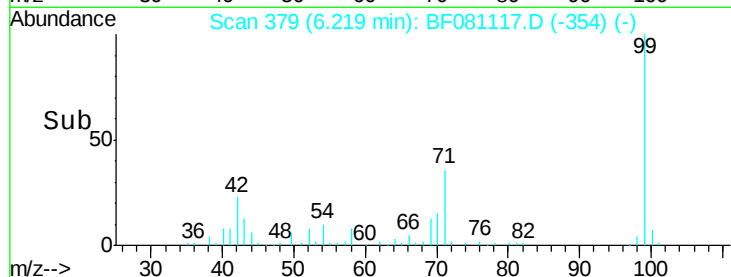
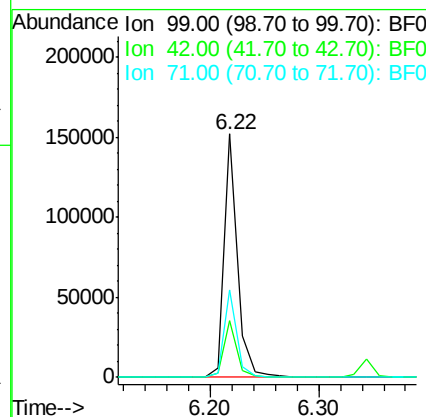
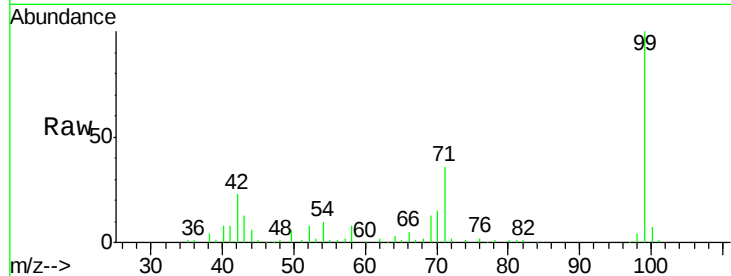
ClientSampleId :

SP-2

Tgt Ion:	99	Resp:	130973
Ion Ratio	Lower	Upper	
99	100		
42	23.4	19.6	29.4
71	36.1	31.2	46.8

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#21

Naphthalene-d8

Concen: 20.00 ng

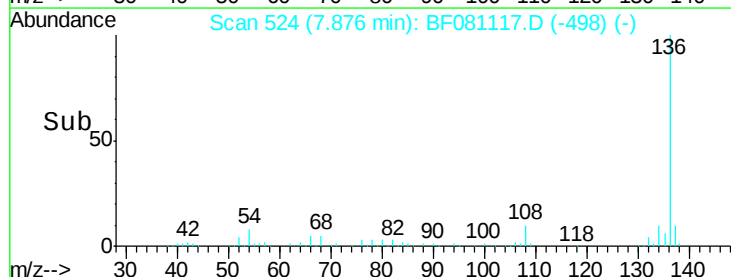
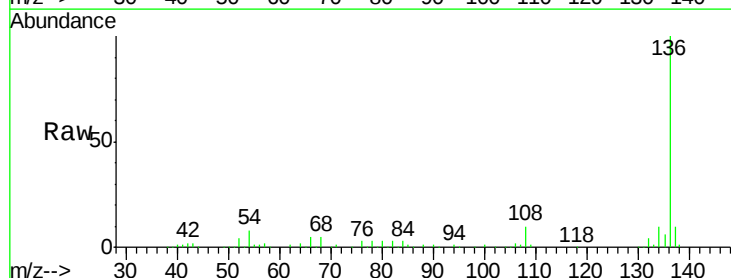
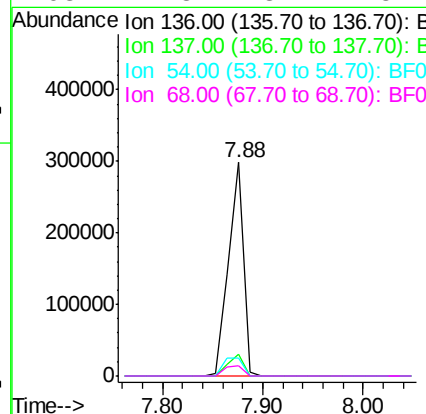
RT: 7.88 min Scan# 524

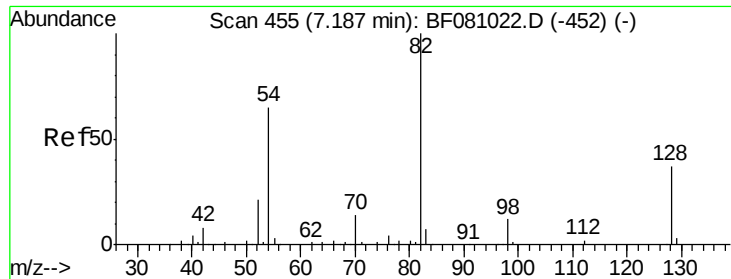
Delta R.T. -0.00 min

Lab File: BF081117.D

Acq: 20 Aug 2015 9:49

Tgt Ion:	136	Resp:	308901
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.2	12.2
54	8.4	7.7	11.5
68	4.8	3.4	5.2





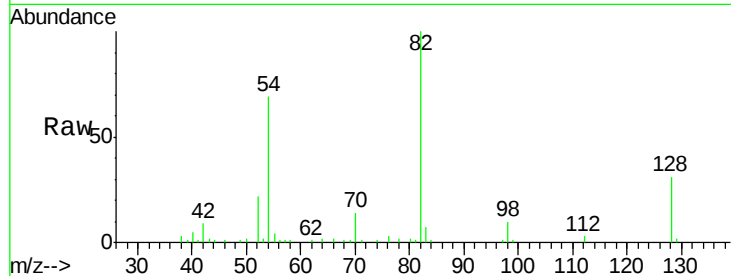
#23
 Nitrobenzene-d5
 Concen: 11.04 ng
 RT: 7.14 min Scan# 460
 Delta R.T. -0.02 min
 Lab File: BF081117.D
 Acq: 20 Aug 2015 9:49

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

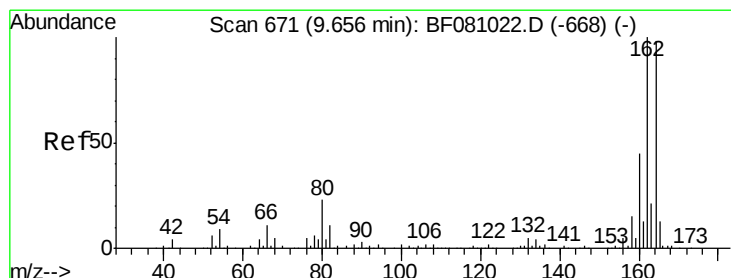
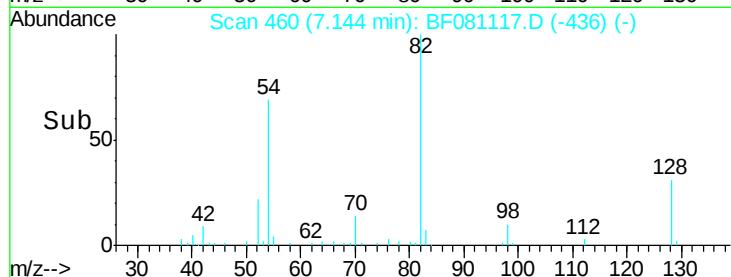
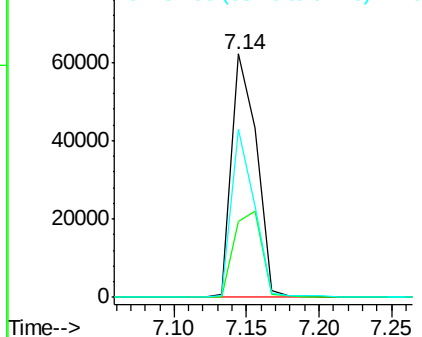
Tgt Ion	82	Resp:	74648
Ion Ratio	100	Lower	Upper
128	31.0	28.6	42.8
54	69.2	55.1	82.7

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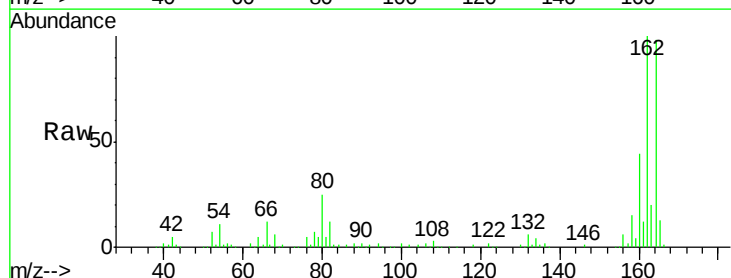


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

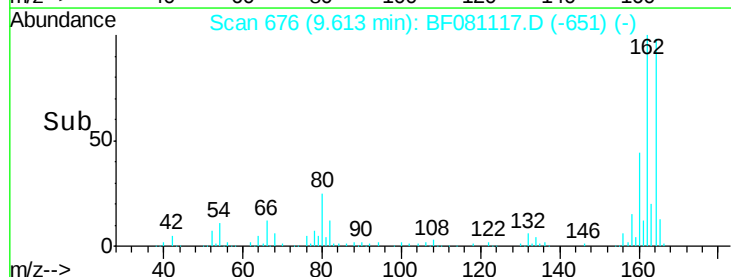
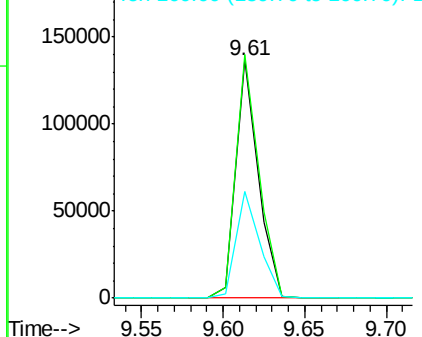


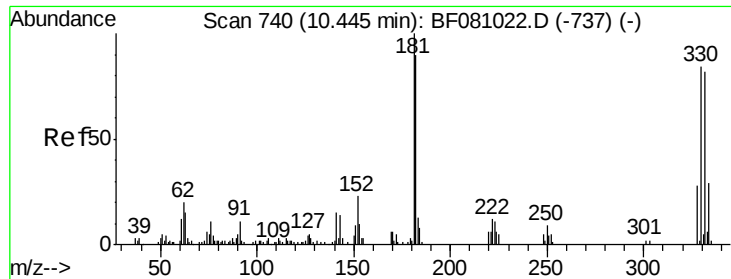
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF081117.D
 Acq: 20 Aug 2015 9:49

Tgt Ion	164	Resp:	128715
Ion Ratio	100	Lower	Upper
162	102.3	83.8	125.8
160	44.9	39.8	59.8



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





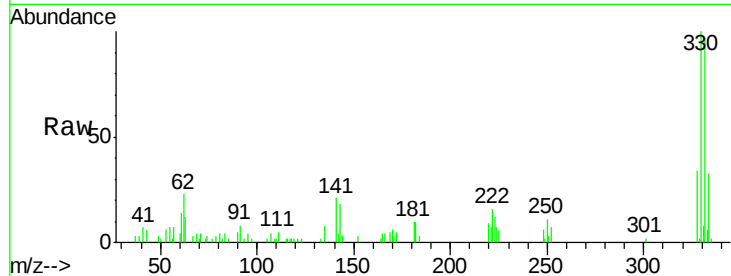
#41
 2,4,6-Tribromophenol
 Concen: 16.08 ng
 RT: 10.40 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF081117.D
 Acq: 20 Aug 2015 9:49

Instrument :
 BNA_F
 ClientSampleId :
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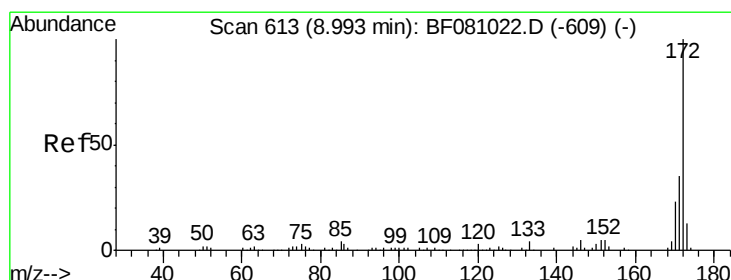
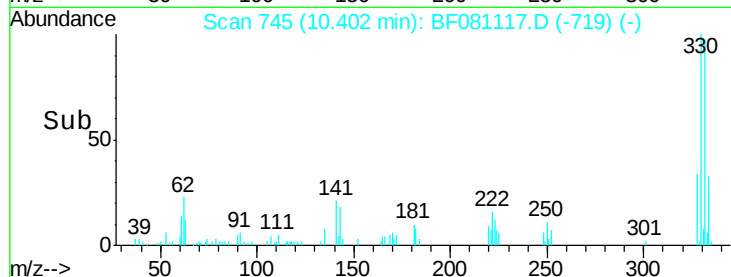
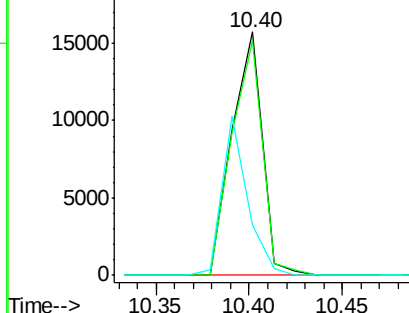
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	17945		
332	97.4	77.3	115.9	
141	54.9	44.9	67.3	

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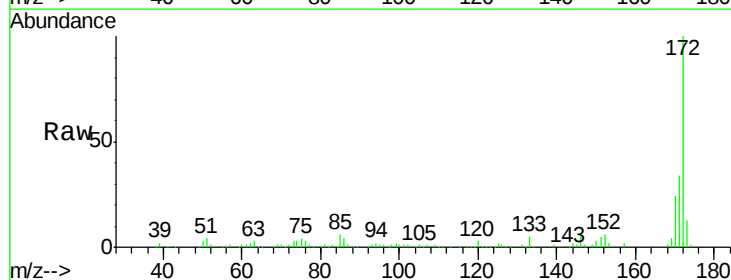


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

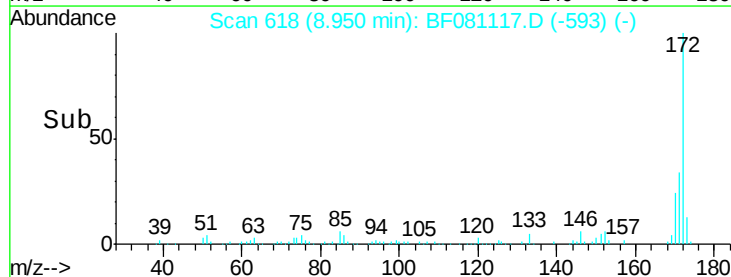
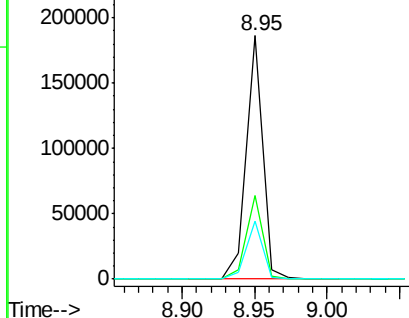


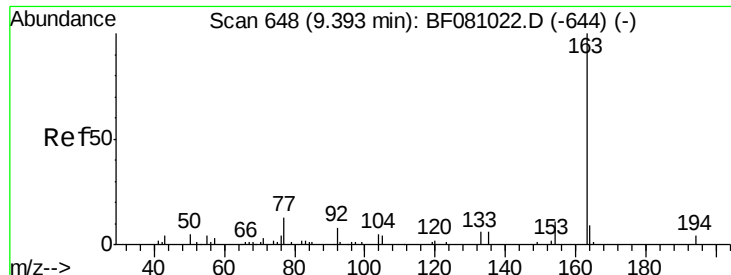
#44
 2-Fluorobiphenyl
 Concen: 15.08 ng
 RT: 8.95 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF081117.D
 Acq: 20 Aug 2015 9:49

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	148148		
171	34.5	28.9	43.3	
170	23.6	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





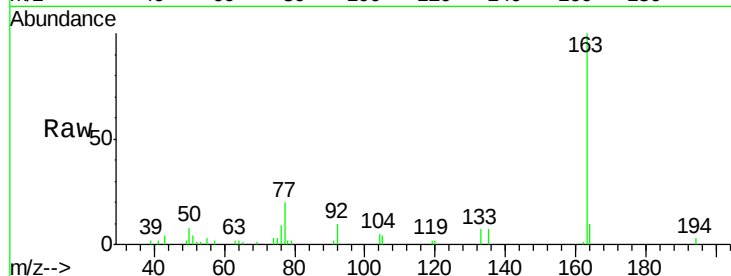
#49
Dimethylphthalate
Concen: 2.01 ng
RT: 9.35 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF081117.D
Acq: 20 Aug 2015 9:49

Instrument :
BNA_F
ClientSampleId :
SP-2

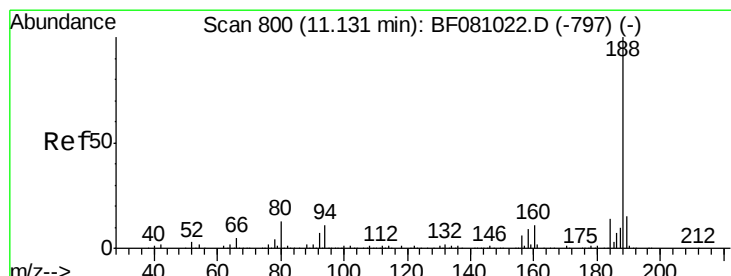
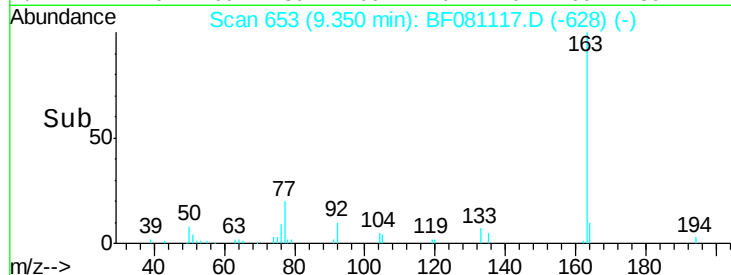
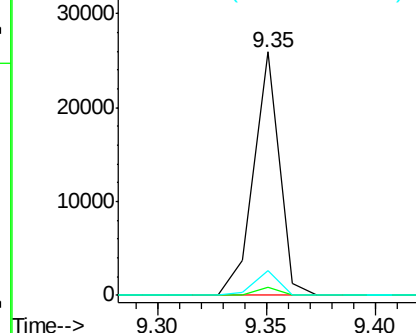
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.1	2.5	3.7
164	10.4	8.1	12.1

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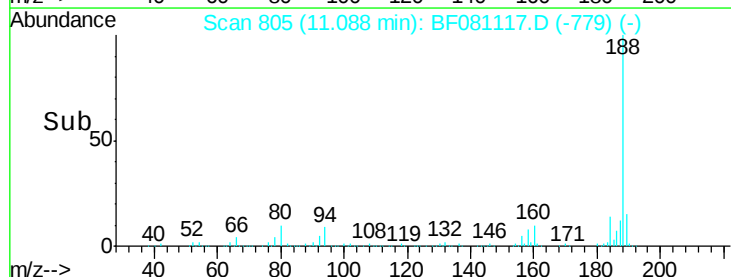
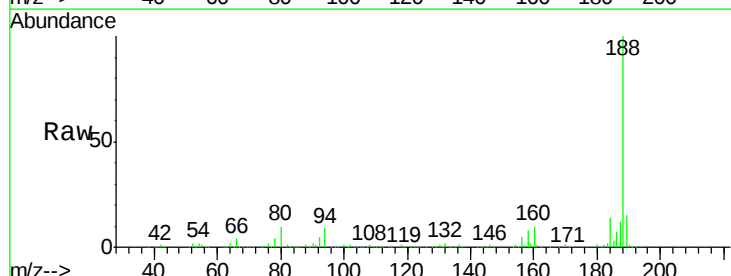
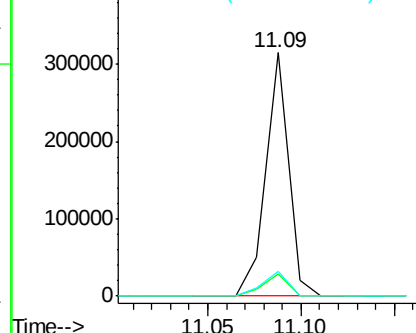
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

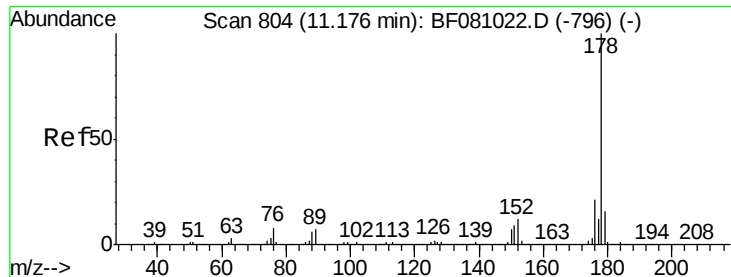


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF081117.D
Acq: 20 Aug 2015 9:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.2	8.2	12.2
80	10.0	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





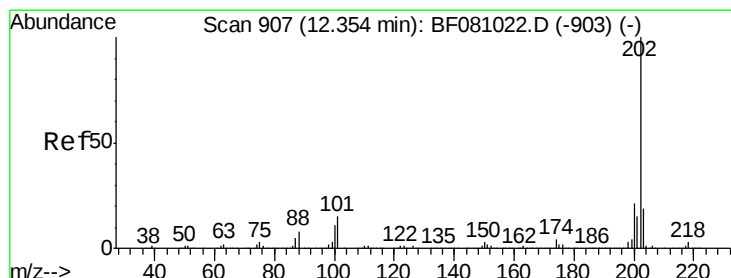
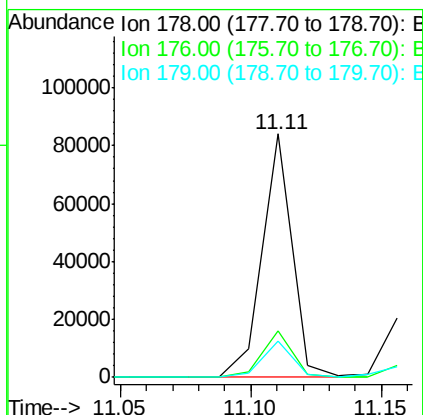
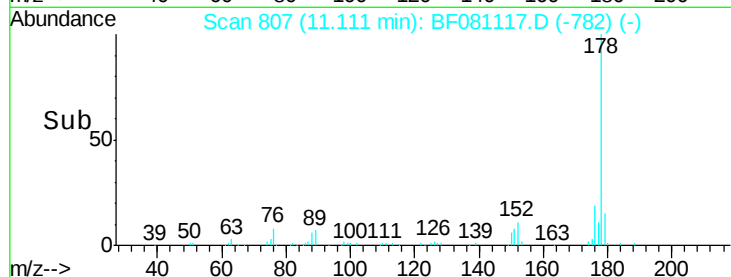
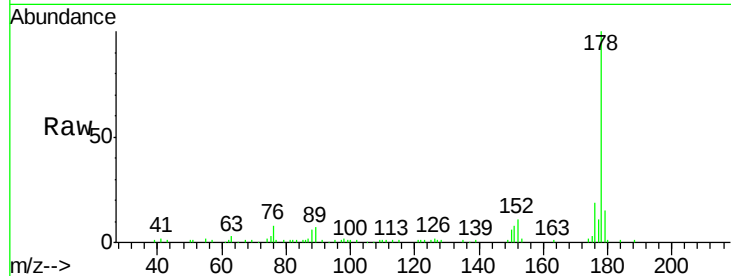
#70
Phenanthrene
Concen: 4.30 ng
RT: 11.11 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF081117.D
Acq: 20 Aug 2015 9:49

Instrument :
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Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.7	23.5
179	14.8	12.2	18.2

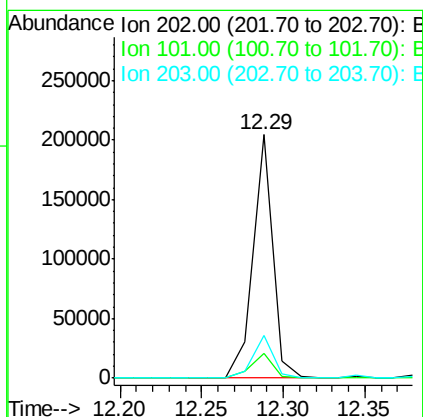
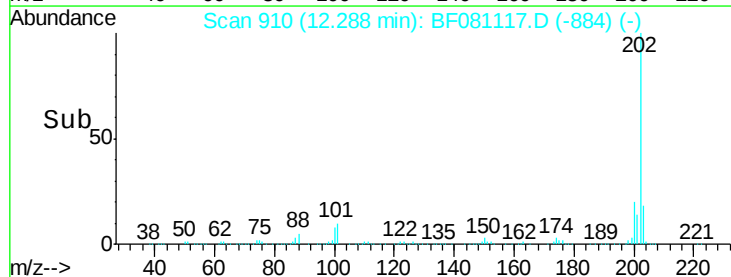
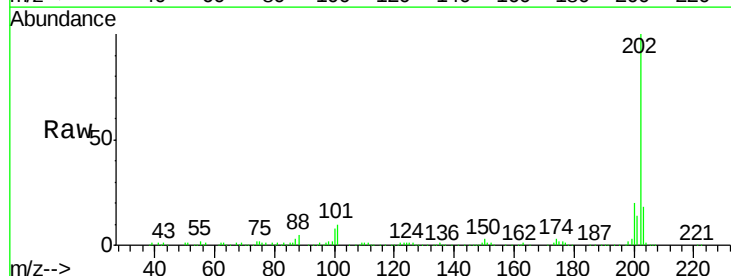
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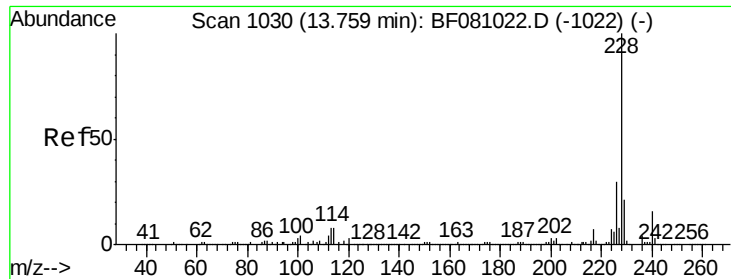
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#74
Fluoranthene
Concen: 10.14 ng
RT: 12.29 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF081117.D
Acq: 20 Aug 2015 9:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	24.8
203	17.7	0.0	36.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF081117.D

Acq: 20 Aug 2015 9:49

Instrument :

BNA_F

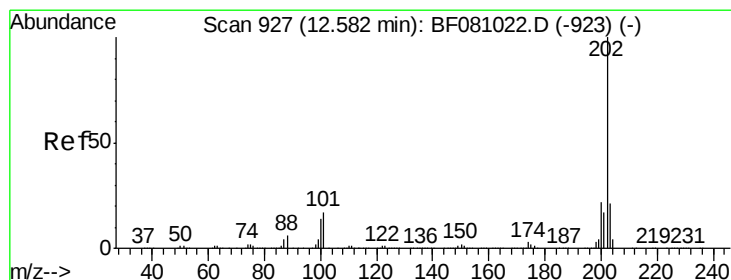
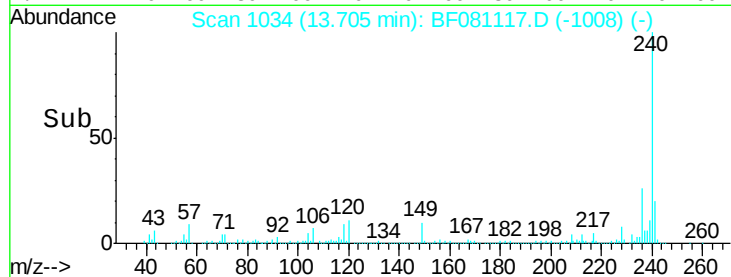
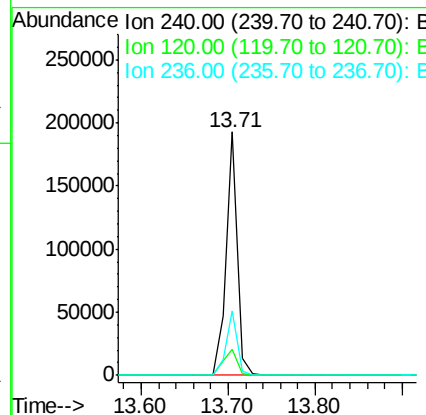
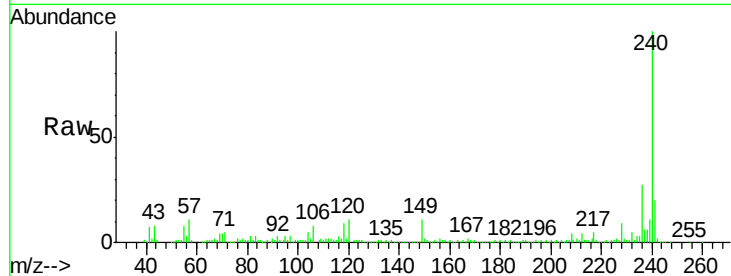
ClientSampled :

SP-2

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	177565		
120	10.7	5.6	8.4#	
236	26.7	20.6	30.8	

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#77

Pyrene

Concen: 11.04 ng

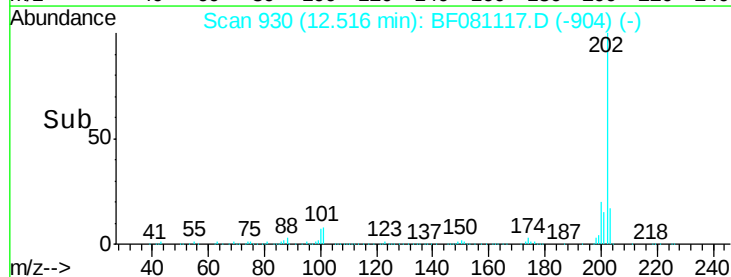
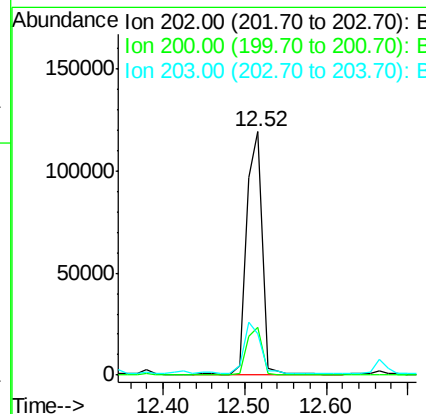
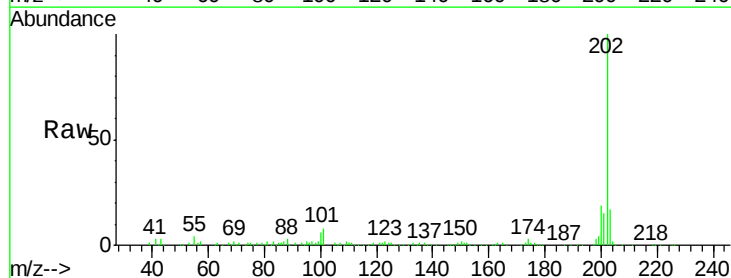
RT: 12.52 min Scan# 930

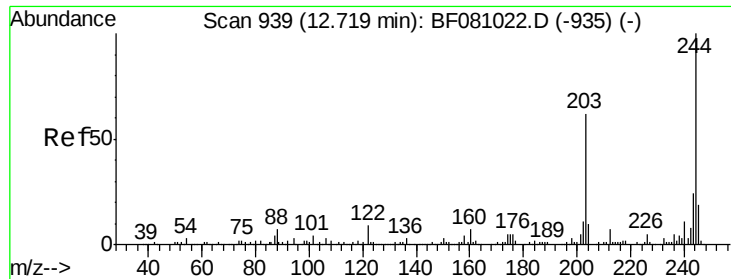
Delta R.T. -0.00 min

Lab File: BF081117.D

Acq: 20 Aug 2015 9:49

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	159307		
200	19.4	16.6	24.8	
203	17.2	14.1	21.1	





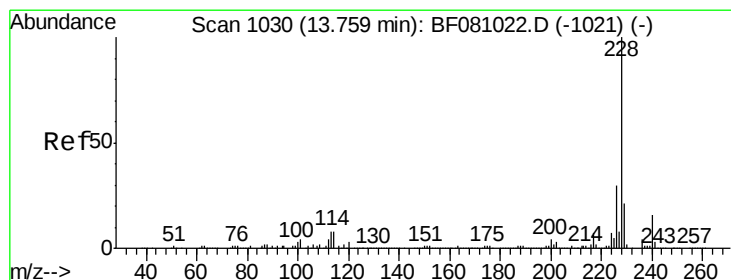
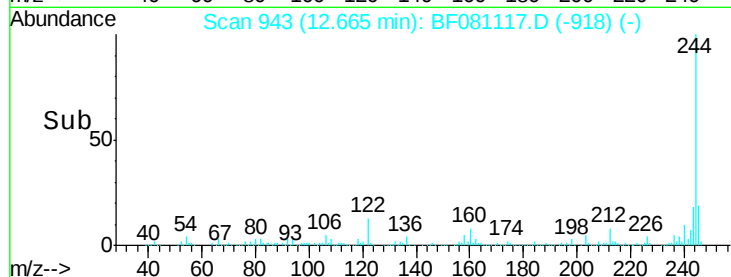
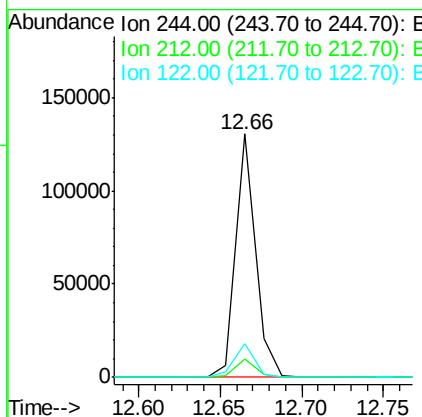
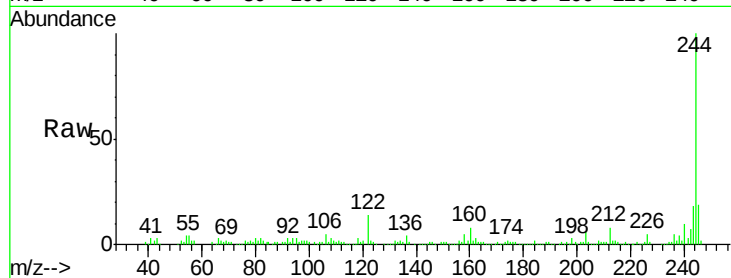
#78
 Terphenyl-d14
 Concen: 13.11 ng
 RT: 12.66 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BF081117.D
 Acq: 20 Aug 2015 9:49

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.7	5.8	8.8
122	13.8	8.2	12.4

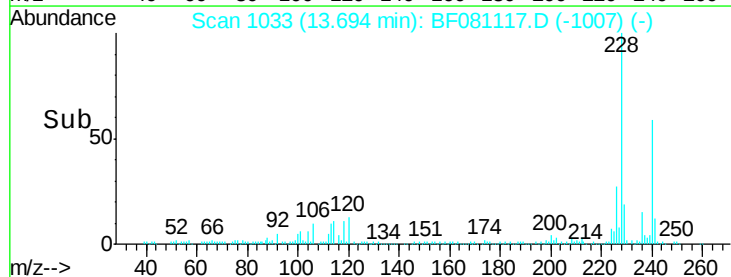
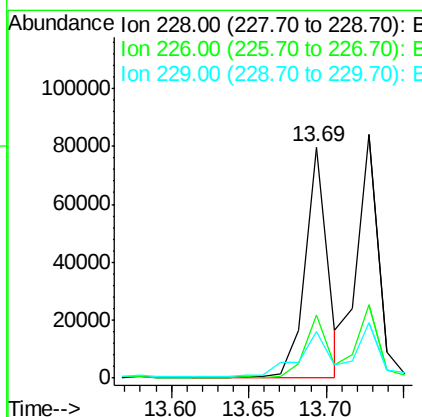
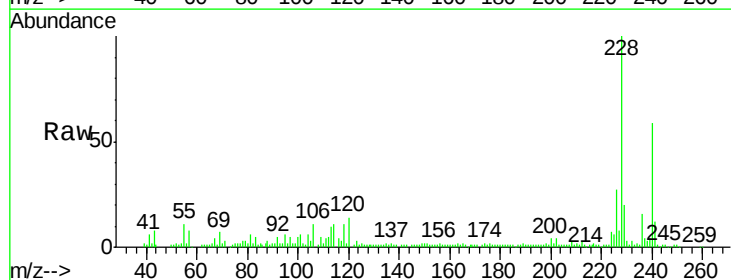
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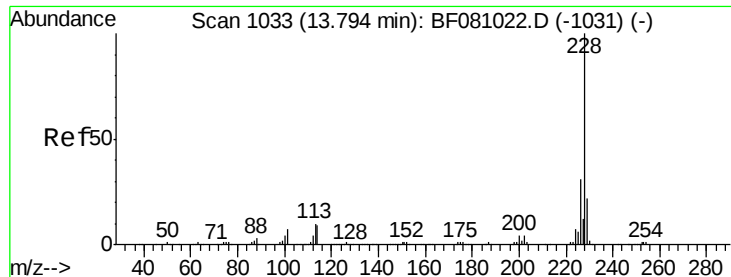
MMDadoda
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#80
 Benzo(a)anthracene
 Concen: 6.67 ng m
 RT: 13.69 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF081117.D
 Acq: 20 Aug 2015 9:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.4	22.3	33.5
229	20.1	15.9	23.9





#82

Chrysene

Concen: 7.64 ng m

RT: 13.73 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF081117.D

Acq: 20 Aug 2015 9:49

Instrument :

BNA_F

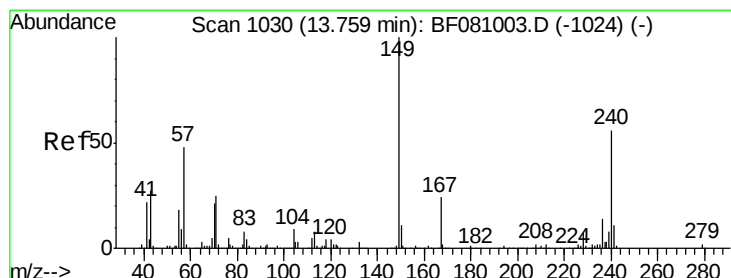
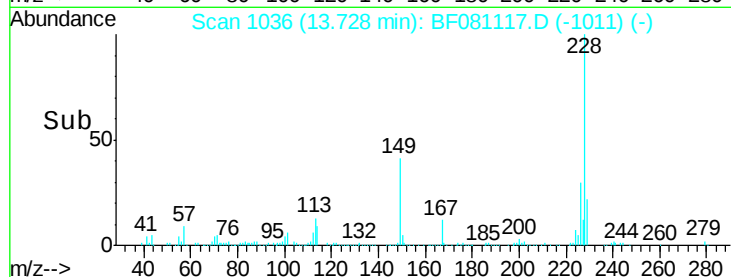
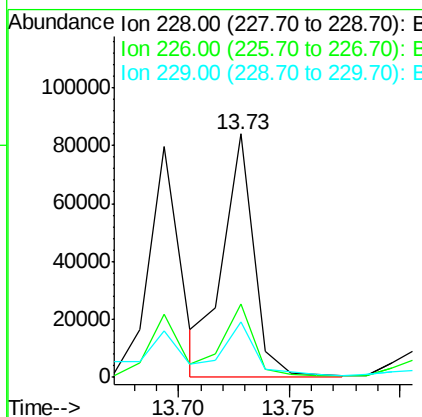
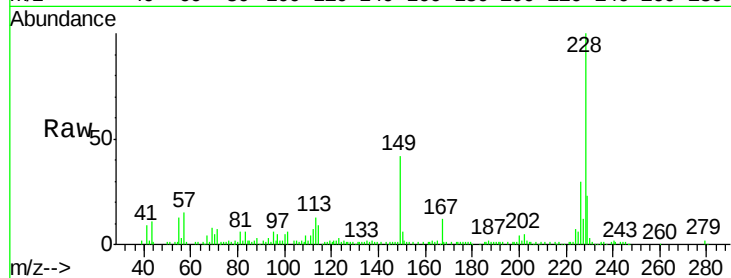
ClientSampleId :

SP-2

Tgt Ion:	228	Resp:	82017
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.4	36.6
229	22.8	16.0	24.0

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#83

Bis(2-ethylhexyl)phthalate

Concen: 21.55 ng

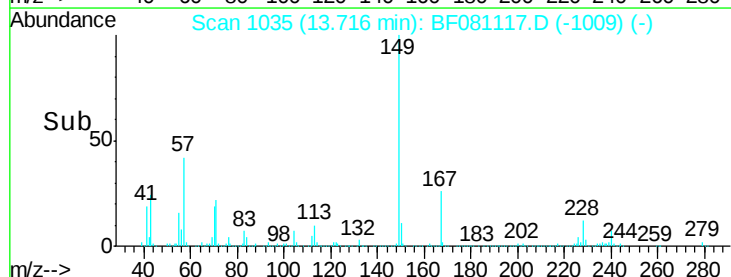
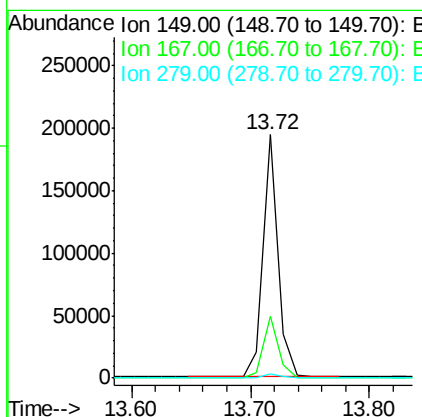
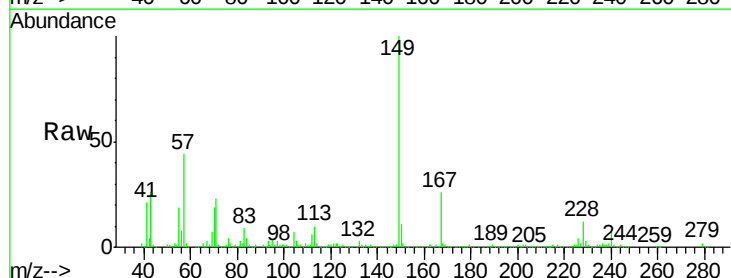
RT: 13.72 min Scan# 1035

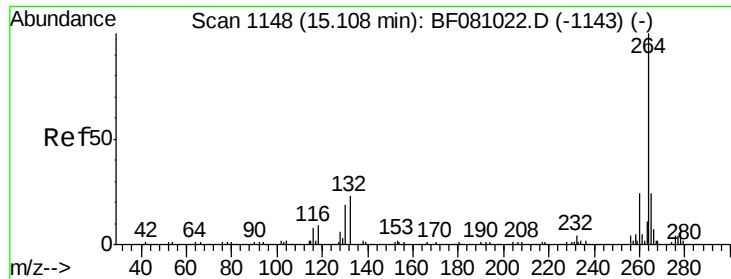
Delta R.T. -0.00 min

Lab File: BF081117.D

Acq: 20 Aug 2015 9:49

Tgt Ion:	149	Resp:	171284
Ion Ratio	Lower	Upper	
149	100		
167	25.6	20.7	31.1
279	2.0	2.2	3.4#





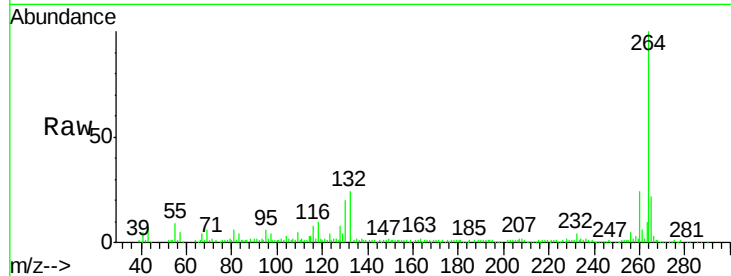
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF081117.D
Acq: 20 Aug 2015 9:49

Instrument :
BNA_F
ClientSampled :
SP-2

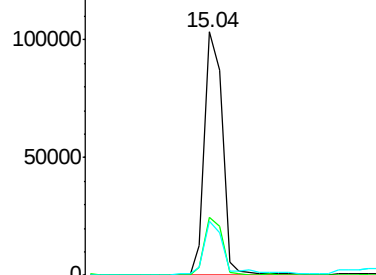
Tgt Ion	Ratio	Resp	Lower	Upper
264	100	148075		
260	23.7	19.6	29.4	
265	22.4	17.5	26.3	

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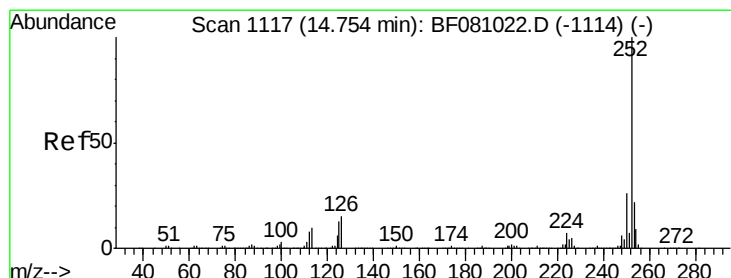
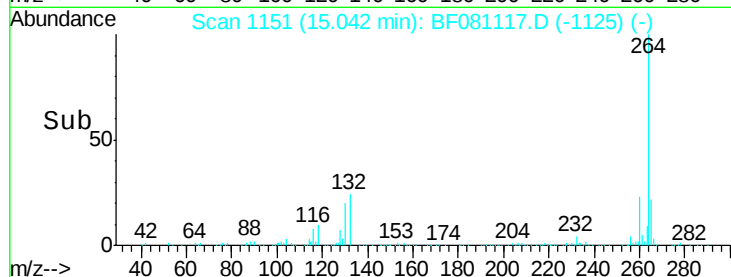
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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

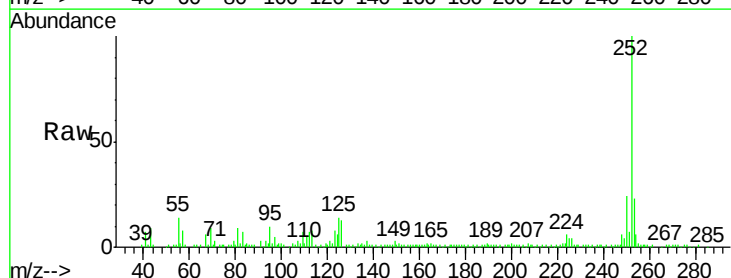


Time--> 14.90 15.00 15.10 15.20

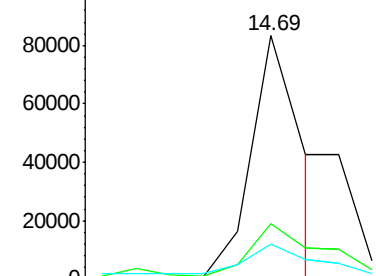


#87
Benzo(b)fluoranthene
Concen: 9.35 ng m
RT: 14.69 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BF081117.D
Acq: 20 Aug 2015 9:49

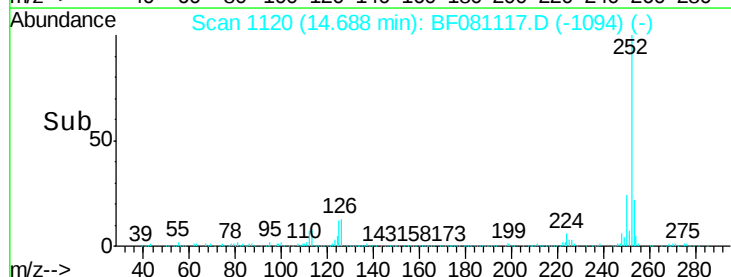
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	97906		
253	22.9	17.1	25.7	
125	14.2	8.0	12.0	

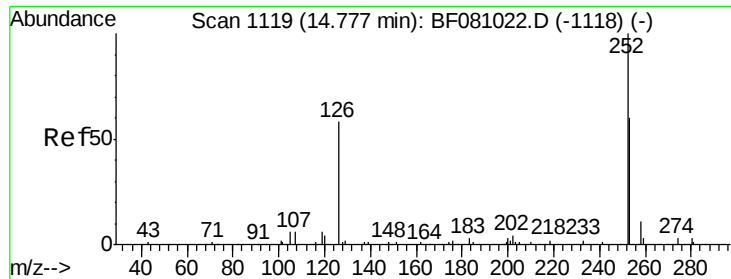


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time--> 14.65 14.70





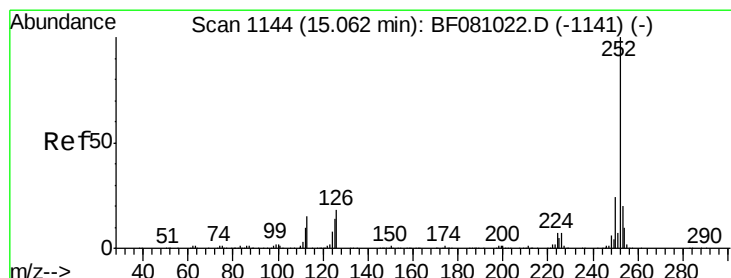
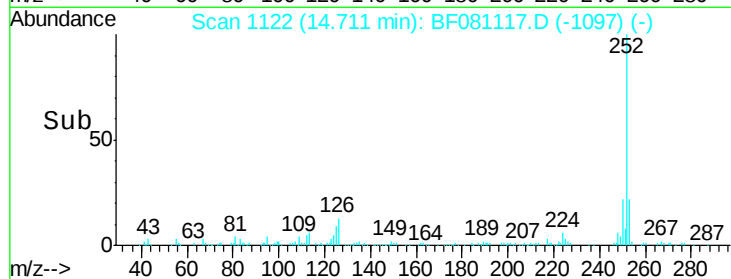
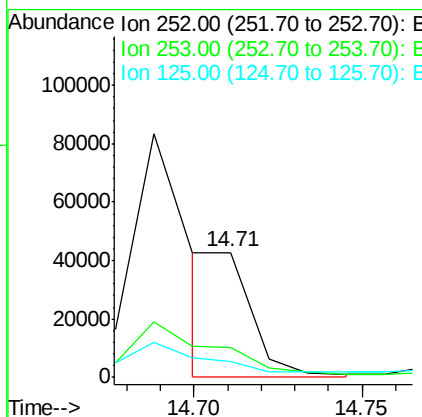
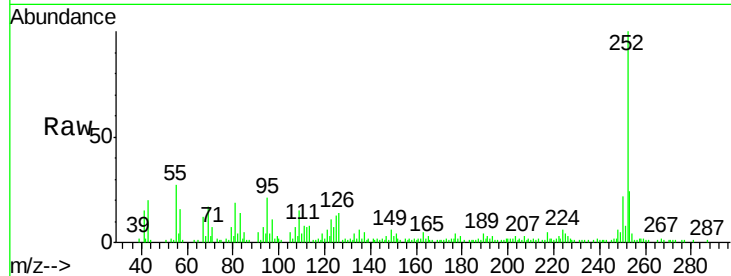
#88
Benzo(k)fluoranthene
Concen: 3.64 ng m
RT: 14.71 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF081117.D
Acq: 20 Aug 2015 9:49

Instrument :
BNA_F
ClientSampled :
SP-2

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.6	26.4
125	12.7	10.3	15.5

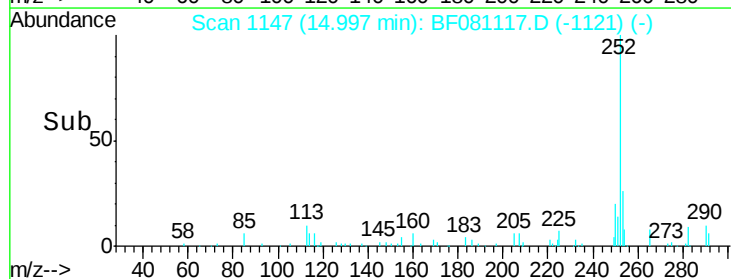
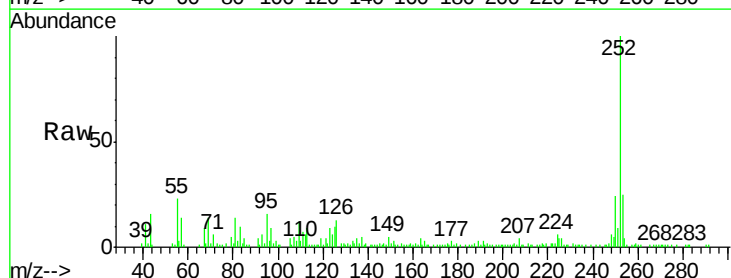
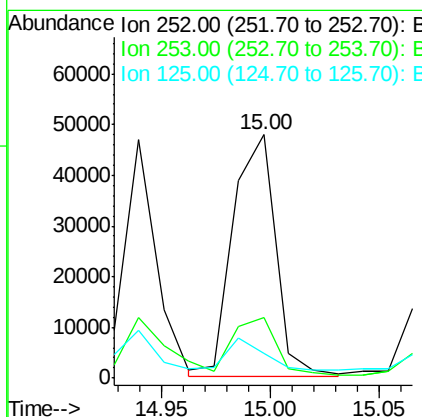
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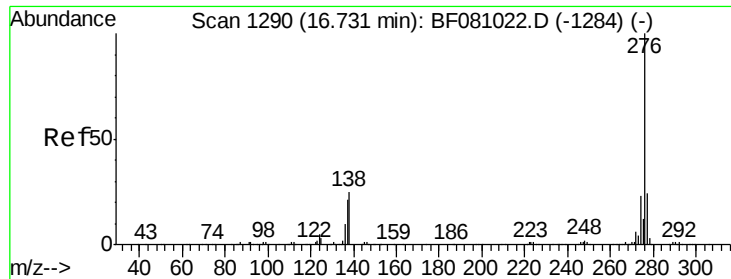
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#89
Benzo(a)pyrene
Concen: 7.09 ng
RT: 15.00 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF081117.D
Acq: 20 Aug 2015 9:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	16.6	25.0
125	10.1	7.8	11.8





#91
 Benzo(g,h,i)perylene
 Concen: 5.93 ng
 RT: 16.61 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: BF081117.D
 Acq: 20 Aug 2015 9:49

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.2	27.2
138	23.9	13.7	20.5

Manual Integrations
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