

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
 Data File : BF082066.D
 Acq On : 6 Oct 2015 2:01
 Operator : UM/IZ
 Sample : G3891-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-8(0-24)

Manual Integrations
 APPROVED

MMDadoda
 10/6/2015 5:54:19 PM

Quant Time: Oct 06 13:33:36 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 05 17:58:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	106470	20.00	ng	0.01
21) Naphthalene-d8	8.18	136	328148	20.00	ng	0.01
38) Acenaphthene-d10	9.94	164	148458	20.00	ng	0.01
63) Phenanthrene-d10	11.43	188	248677	20.00	ng	0.01
75) Chrysene-d12	14.08	240	183813	20.00	ng	0.02
86) Perylene-d12	15.56	264	138282	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	666787	113.69	ng	0.02
7) Phenol-d6	6.53	99	848846	115.02	ng	0.01
23) Nitrobenzene-d5	7.45	82	457419	92.92	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	154682	102.88	ng	0.01
44) 2-Fluorobiphenyl	9.26	172	726803	81.21	ng	0.01
78) Terphenyl-d14	13.02	244	586327	113.13	ng	0.01
Target Compounds						
49) Dimethylphthalate	9.66	163	153937	15.02	ng	# 94
70) Phenanthrene	11.45	178	71228	4.45	ng	# 85
74) Fluoranthene	12.64	202	114529	8.60	ng	# 87
77) Pyrene	12.87	202	98451	8.97	ng	# 88
80) Benzo(a)anthracene	14.07	228	53070	5.36	ng	# 65
82) Chrysene	14.10	228	66293m	6.05	ng	
85) Indeno(1,2,3-cd)pyrene	16.98	276	28005	3.62	ng	# 81
87) Benzo(b)fluoranthene	15.12	252	55247m	7.00	ng	
88) Benzo(k)fluoranthene	15.13	252	27800m	3.84	ng	
89) Benzo(a)pyrene	15.49	252	37478	5.47	ng	# 51
91) Benzo(g,h,i)perylene	17.42	276	26695	4.53	ng	# 81

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

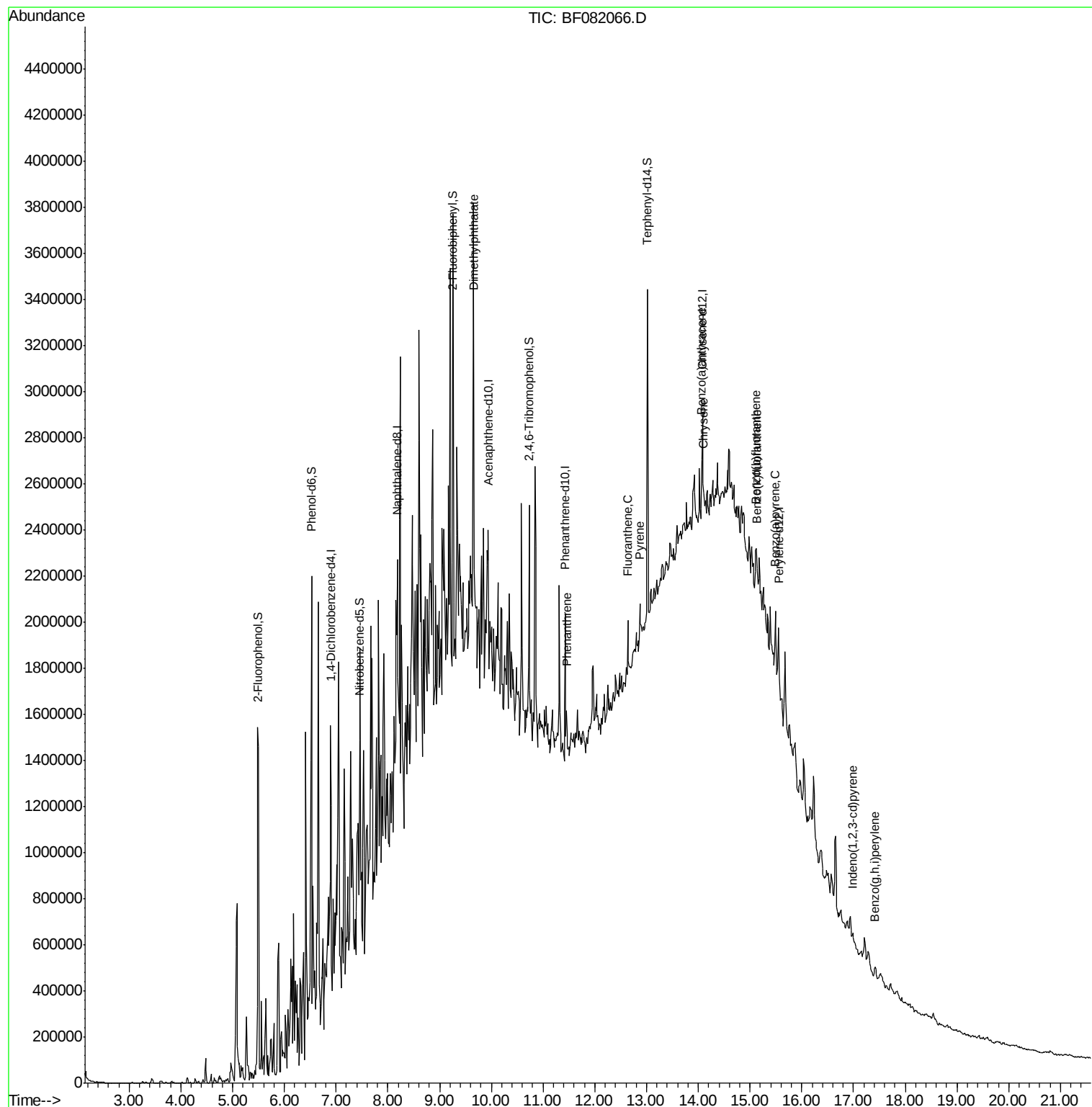
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
Data File : BF082066.D
Acq On : 6 Oct 2015 2:01
Operator : UM/IZ
Sample : G3891-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

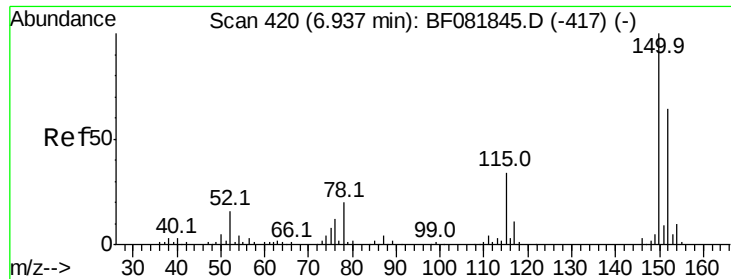
Instrument :
BNA_F
ClientSampled :
SS-8(0-24)

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Quant Time: Oct 06 13:33:36 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 05 17:58:12 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF082066.D

Acq: 6 Oct 2015 2:01

Instrument :

BNA_F

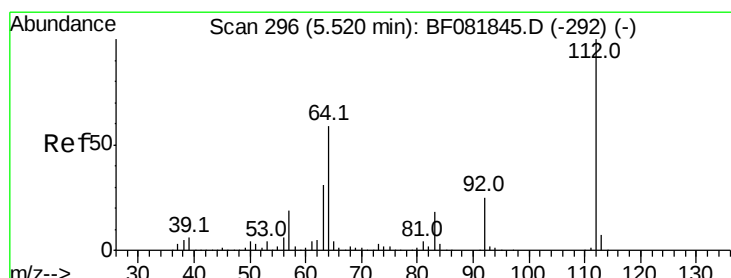
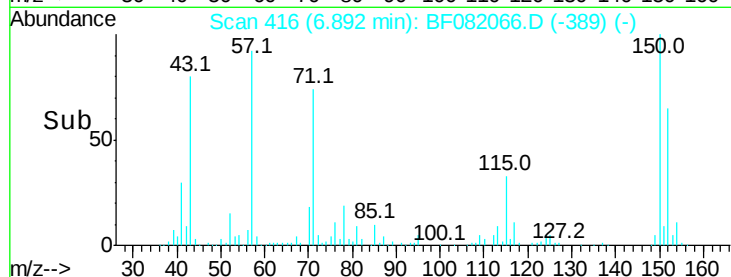
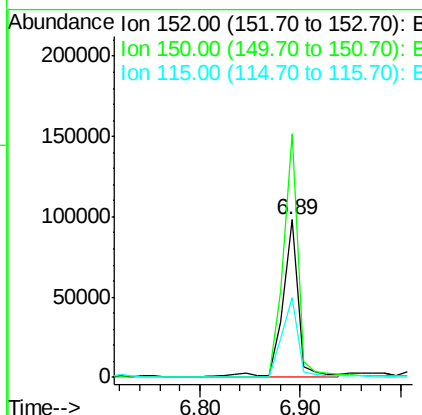
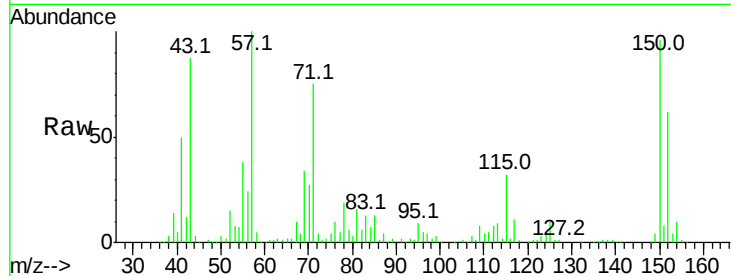
ClientSampleId :

SS-8(0-24)

Tot Ion:	152	Resp:	106470
Ion Ratio	Lower	Upper	
152	100		
150	154.7	124.7	187.1
115	50.8	39.0	58.4

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#5

2-Fluorophenol

Concen: 113.69 ng

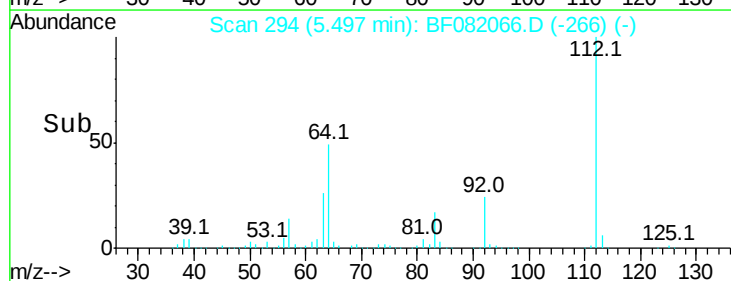
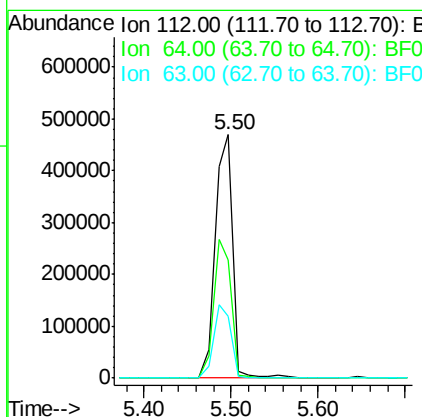
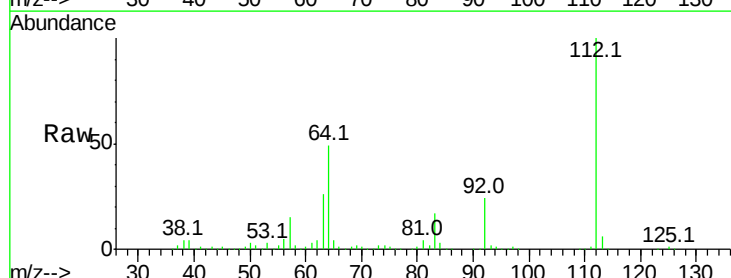
RT: 5.50 min Scan# 294

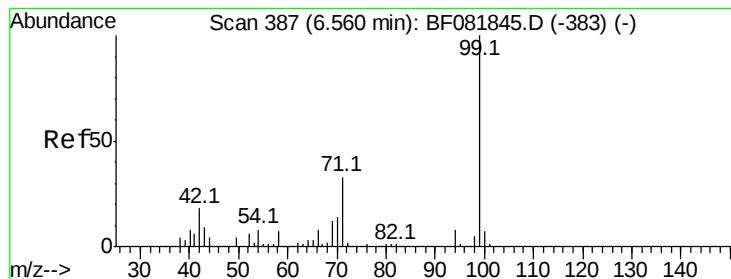
Delta R.T. 0.02 min

Lab File: BF082066.D

Acq: 6 Oct 2015 2:01

Tgt Ion:	112	Resp:	666787
Ion Ratio	Lower	Upper	
112	100		
64	48.7	39.7	59.5
63	25.6	17.4	26.0





#7

Phenol-d6

Concen: 115.02 ng

RT: 6.53 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF082066.D

Acq: 6 Oct 2015 2:01

Instrument :

BNA_F

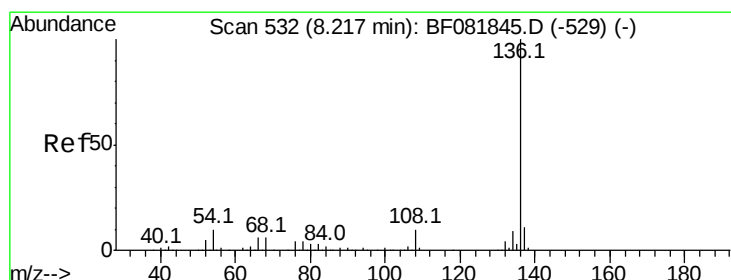
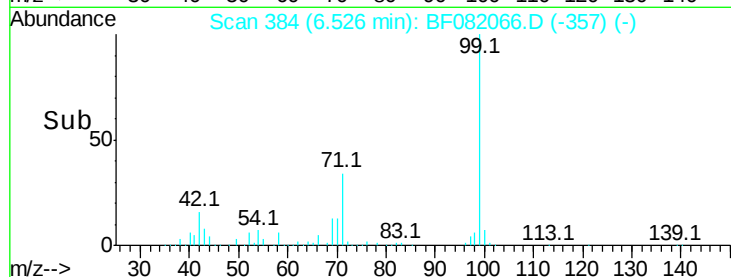
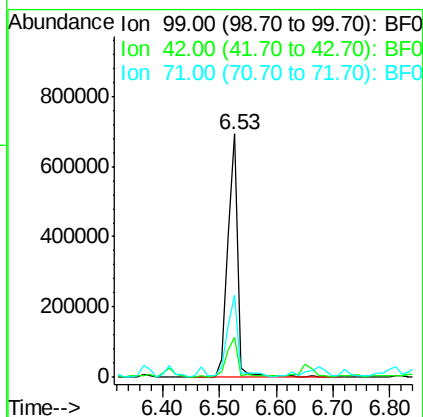
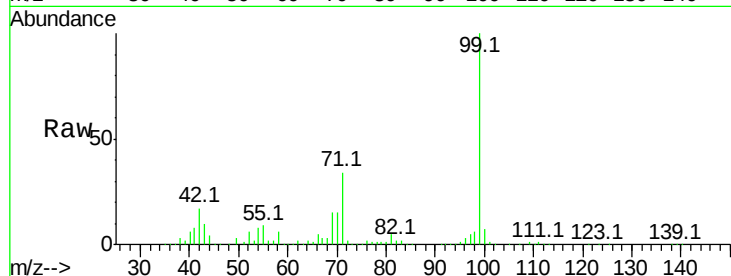
ClientSampleId :

SS-8(0-24)

Tot Ion:	99	Resp:	848846
Ion Ratio	Lower	Upper	
99	100		
42	16.7	13.7	20.5
71	34.0	14.2	21.2#

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#21

Naphthalene-d8

Concen: 20.00 ng

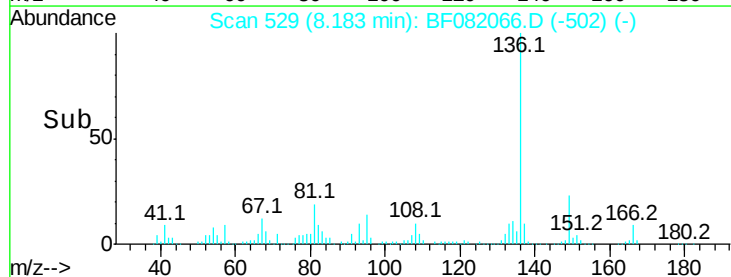
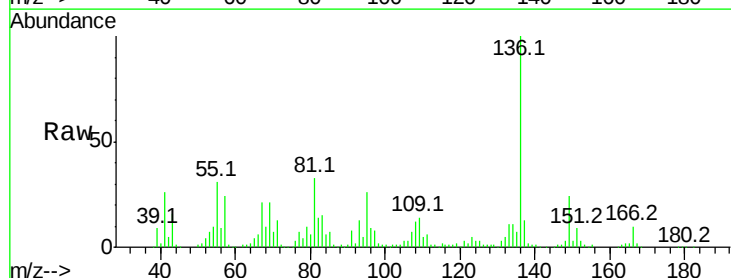
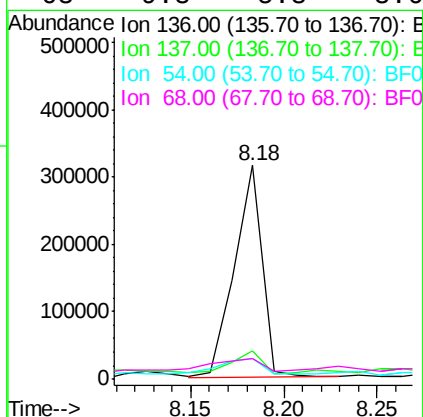
RT: 8.18 min Scan# 529

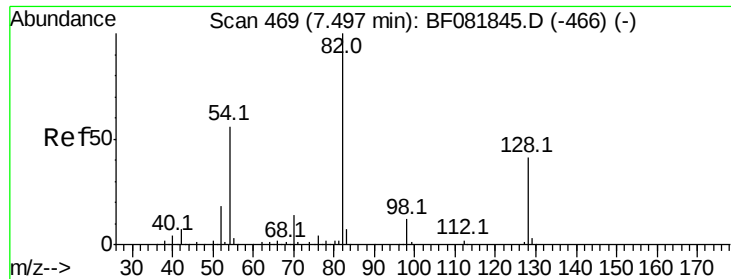
Delta R.T. 0.01 min

Lab File: BF082066.D

Acq: 6 Oct 2015 2:01

Tgt Ion:	136	Resp:	328148
Ion Ratio	Lower	Upper	
136	100		
137	13.3	9.0	13.6
54	9.7	8.2	12.2
68	9.8	5.8	8.6#





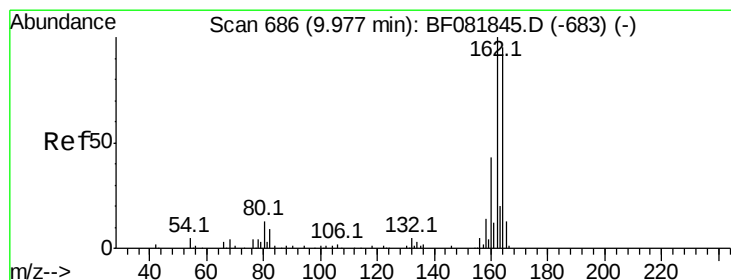
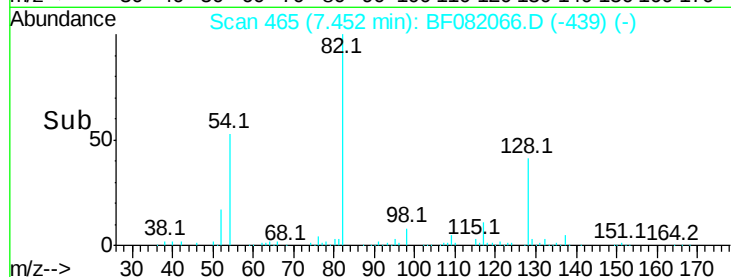
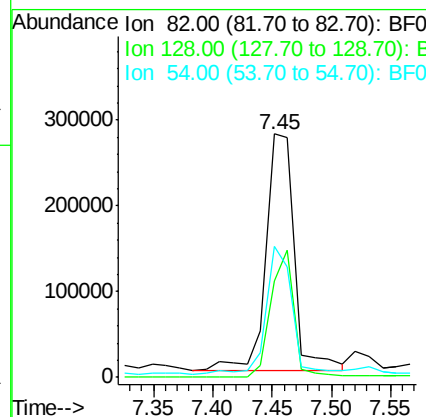
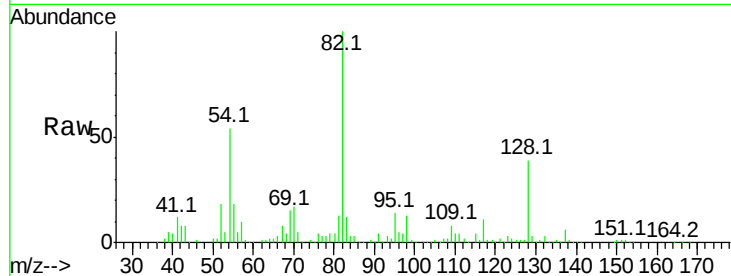
#23
 Nitrobenzene-d5
 Concen: 92.92 ng
 RT: 7.45 min Scan# 465
 Delta R.T. 0.00 min
 Lab File: BF082066.D
 Acq: 6 Oct 2015 2:01

Instrument :
 BNA_F
 ClientSampleId :
 SS-8(0-24)

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	39.5	51.0	76.6#	
54	54.0	47.5	71.3	

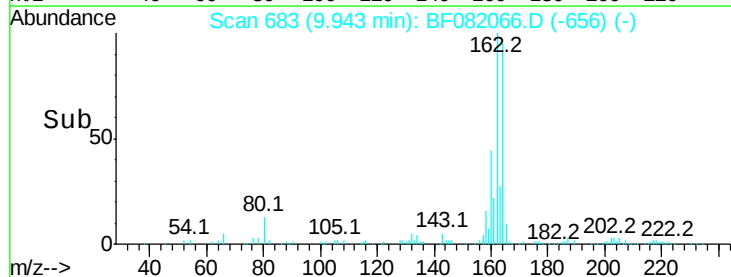
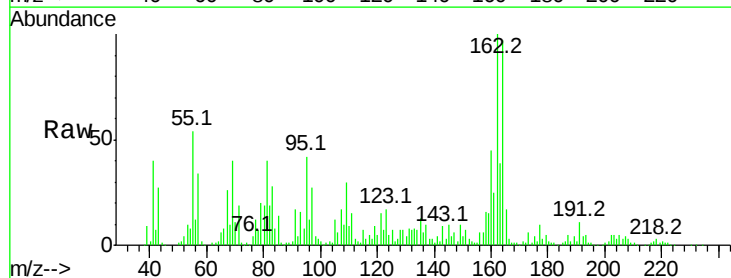
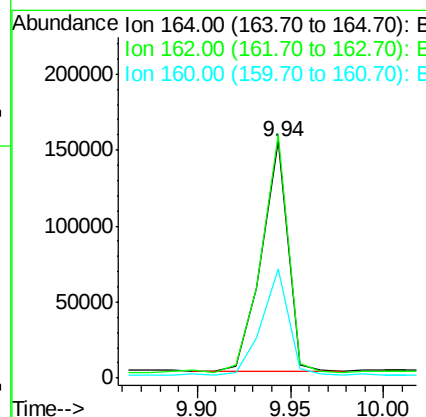
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 683
 Delta R.T. 0.01 min
 Lab File: BF082066.D
 Acq: 6 Oct 2015 2:01

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.8	75.2	112.8	
160	46.2	31.5	47.3	





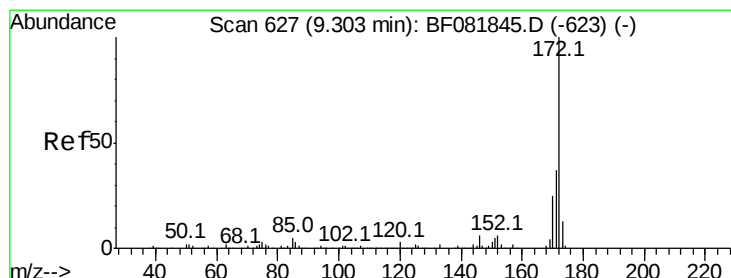
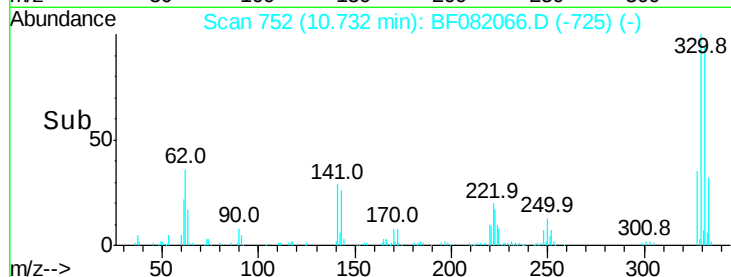
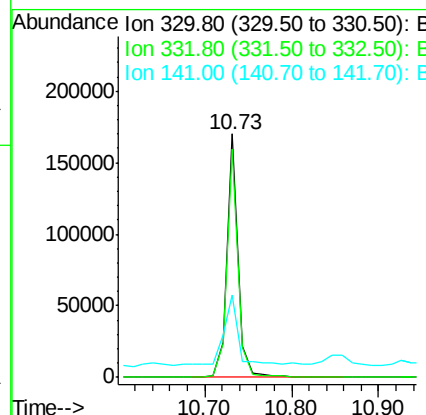
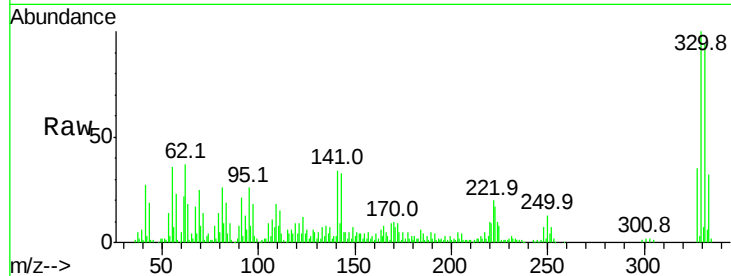
#41
 2,4,6-Tribromophenol
 Concen: 102.88 ng
 RT: 10.73 min Scan# 752
 Delta R.T. 0.01 min
 Lab File: BF082066.D
 Acq: 6 Oct 2015 2:01

Instrument :
 BNA_F
 ClientSampleId :
 SS-8(0-24)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	154682		
332	94.8	76.6	114.8	
141	41.5	29.7	44.5	

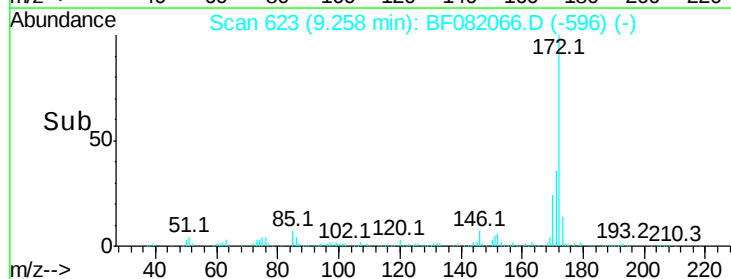
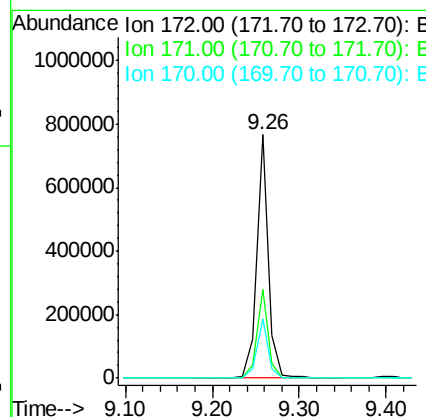
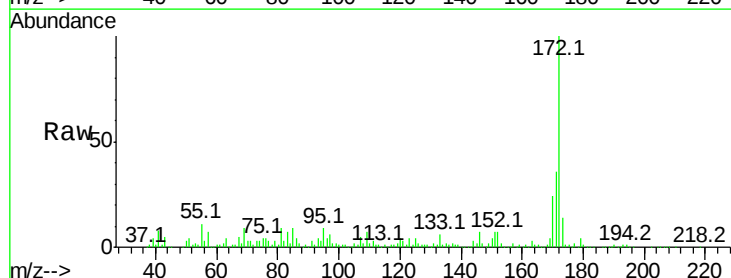
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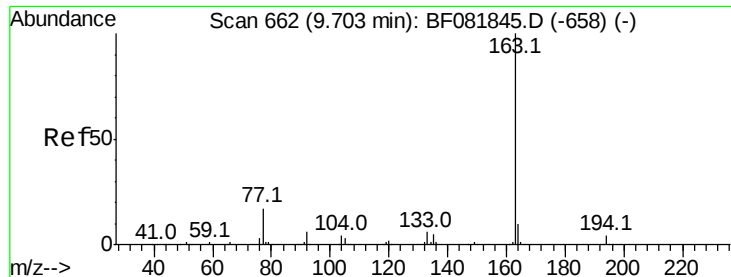
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#44
 2-Fluorobiphenyl
 Concen: 81.21 ng
 RT: 9.26 min Scan# 623
 Delta R.T. 0.01 min
 Lab File: BF082066.D
 Acq: 6 Oct 2015 2:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	726803		
171	36.2	26.1	39.1	
170	24.2	17.4	26.2	





#49

Dimethylphthalate

Concen: 15.02 ng

RT: 9.66 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF082066.D

Acq: 6 Oct 2015 2:01

Instrument :

BNA_F

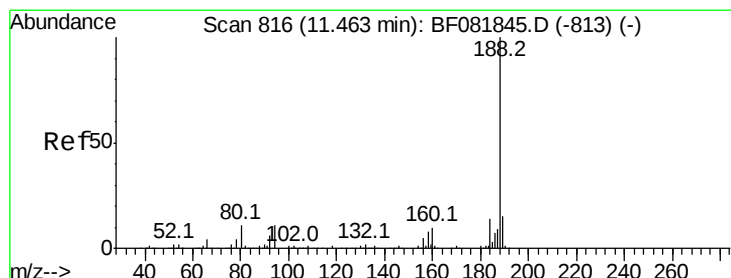
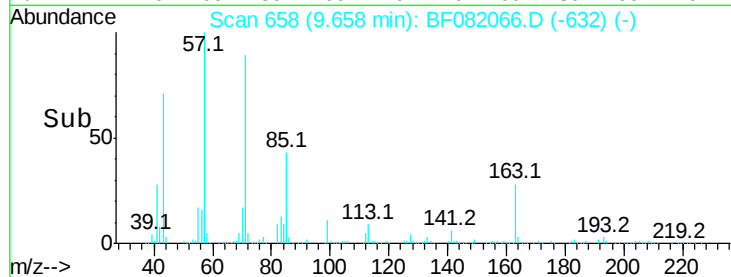
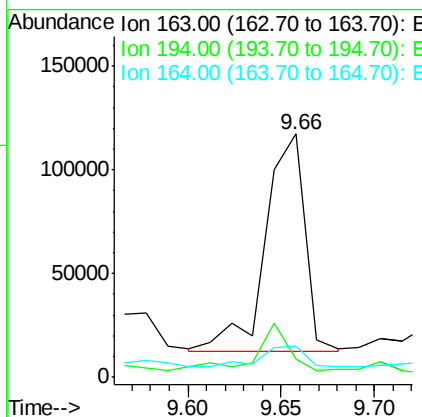
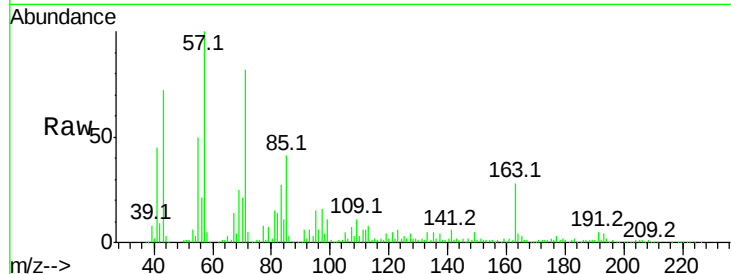
ClientSampleId :

SS-8(0-24)

Tot Ion:	163	Resp:	153937
Ion Ratio	Lower	Upper	
163	100		
194	7.3	4.4	6.6#
164	12.9	8.3	12.5#

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#63

Phenanthrene-d10

Concen: 20.00 ng

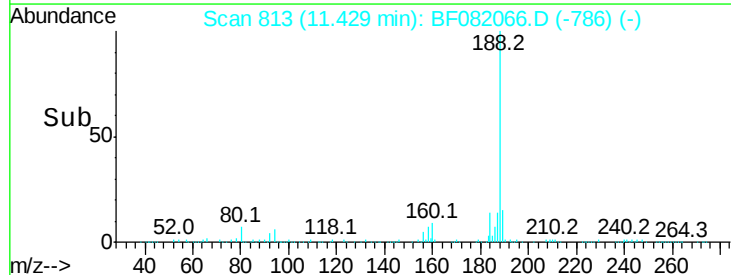
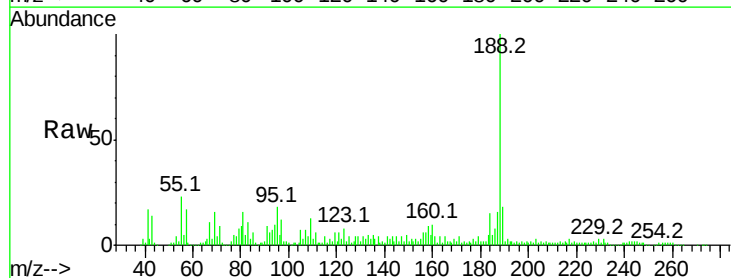
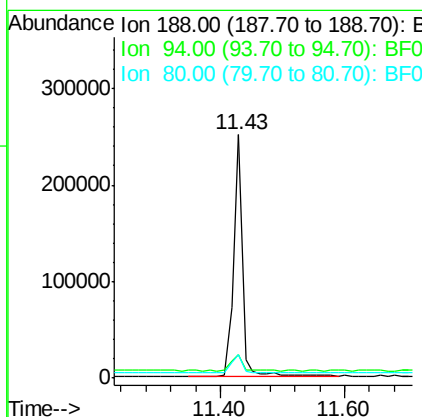
RT: 11.43 min Scan# 813

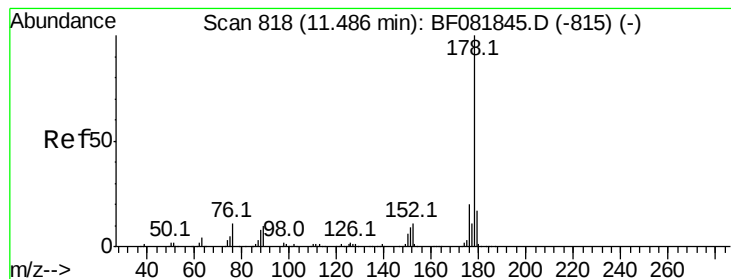
Delta R.T. 0.01 min

Lab File: BF082066.D

Acq: 6 Oct 2015 2:01

Tgt Ion:	188	Resp:	248677
Ion Ratio	Lower	Upper	
188	100		
94	9.6	11.1	16.7#
80	9.4	11.0	16.4#





#70

Phenanthrene

Concen: 4.45 ng

RT: 11.45 min Scan# 815

Delta R.T. 0.01 min

Lab File: BF082066.D

Acq: 6 Oct 2015 2:01

Instrument :

BNA_F

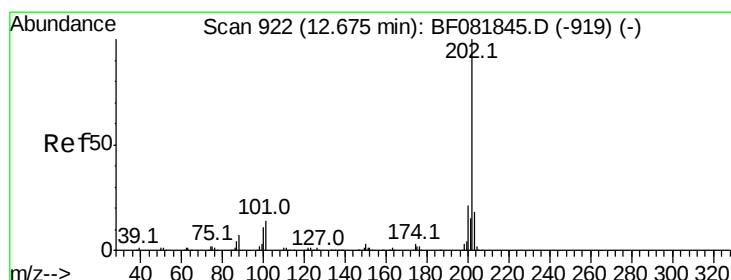
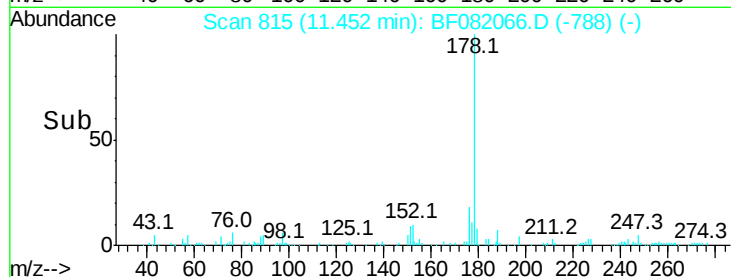
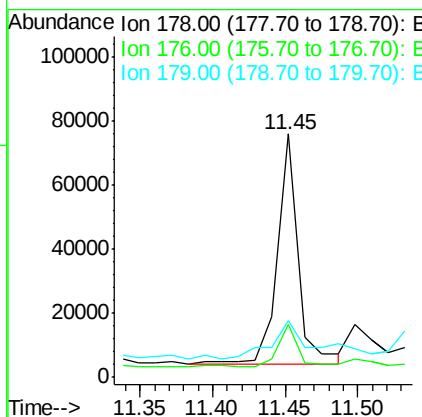
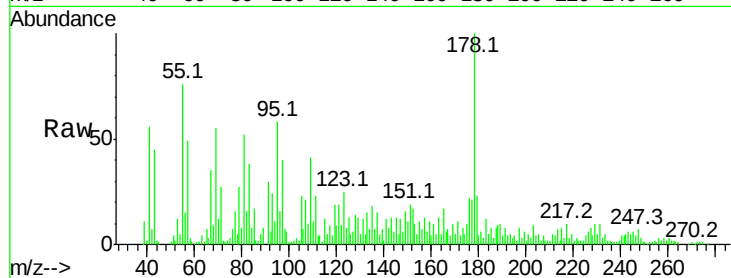
ClientSampleId :

SS-8(0-24)

Tot Ion:	178	Resp:	71228
Ion Ratio	Lower	Upper	
178	100		
176	21.7	13.8	20.8#
179	23.4	12.2	18.2#

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#74

Fluoranthene

Concen: 8.60 ng

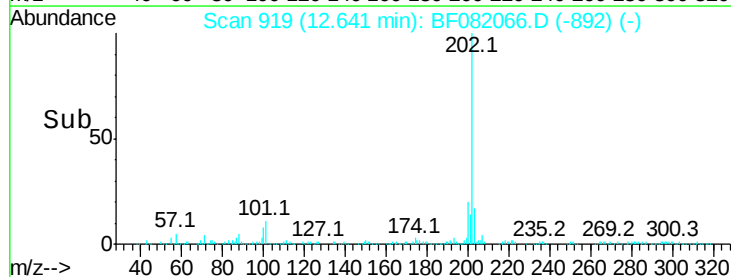
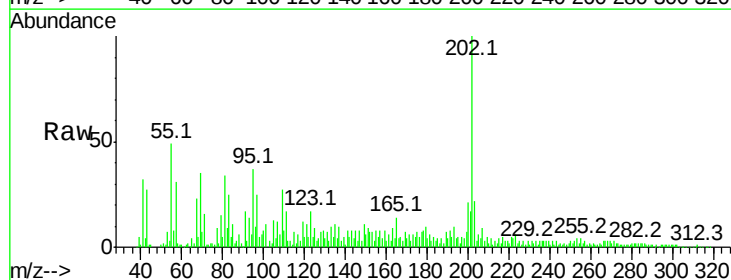
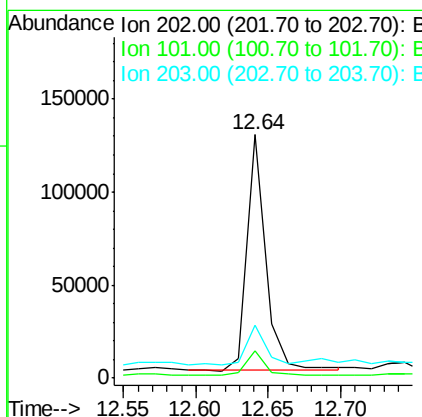
RT: 12.64 min Scan# 919

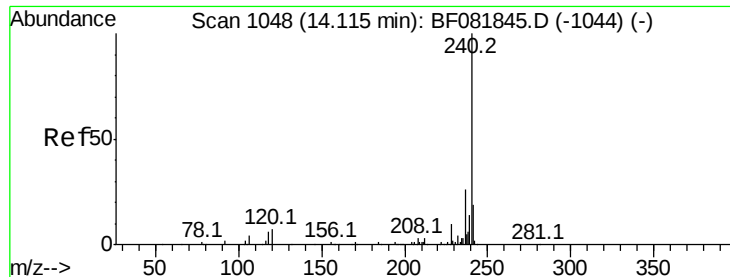
Delta R.T. 0.01 min

Lab File: BF082066.D

Acq: 6 Oct 2015 2:01

Tgt Ion:	202	Resp:	114529
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	38.3
203	21.9	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1045

Delta R.T. 0.02 min

Lab File: BF082066.D

Acq: 6 Oct 2015 2:01

Instrument :

BNA_F

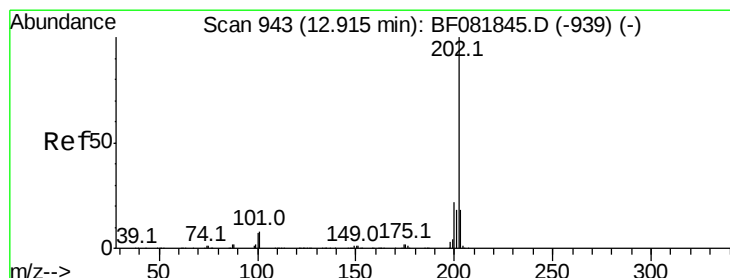
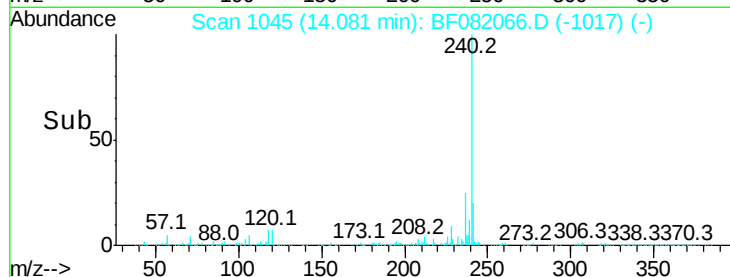
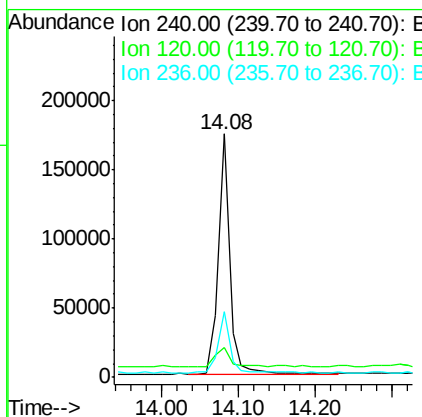
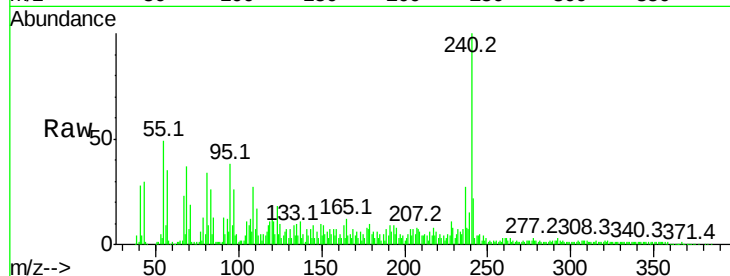
ClientSampleId :

SS-8(0-24)

Tot Ion:	240	Resp:	183813
Ion Ratio	Lower	Upper	
240	100		
120	12.2	16.2	24.2#
236	26.9	18.4	27.6

Manual Integrations
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#77

Pyrene

Concen: 8.97 ng

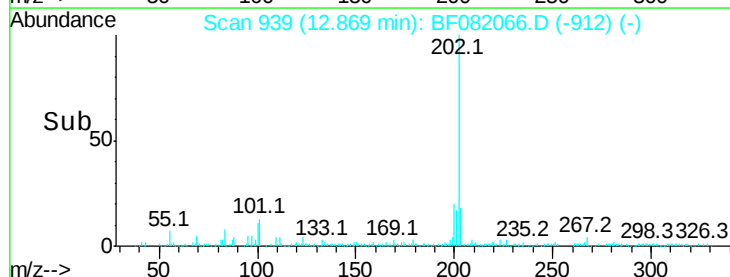
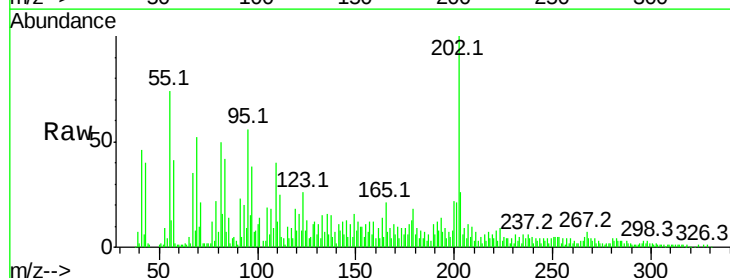
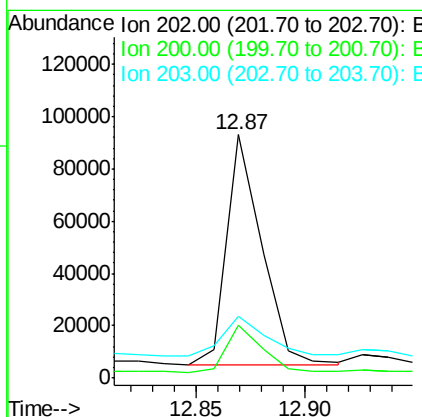
RT: 12.87 min Scan# 939

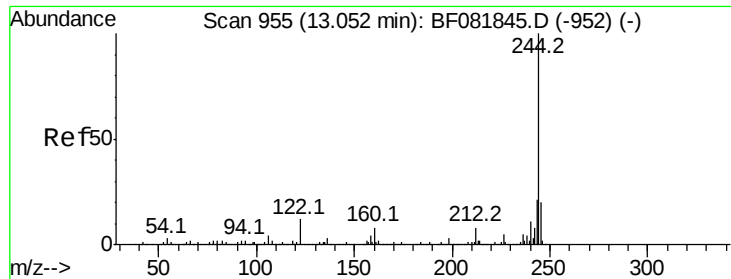
Delta R.T. 0.01 min

Lab File: BF082066.D

Acq: 6 Oct 2015 2:01

Tgt Ion:	202	Resp:	98451
Ion Ratio	Lower	Upper	
202	100		
200	21.6	15.0	22.4
203	25.6	14.1	21.1#





#78

Terphenyl-d14

Concen: 113.13 ng

RT: 13.02 min Scan# 952

Delta R.T. 0.01 min

Lab File: BF082066.D

Acq: 6 Oct 2015 2:01

Instrument :

BNA_F

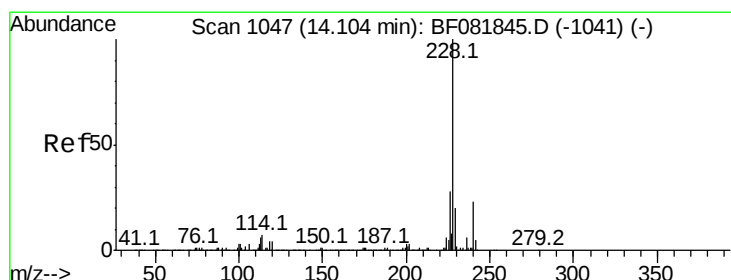
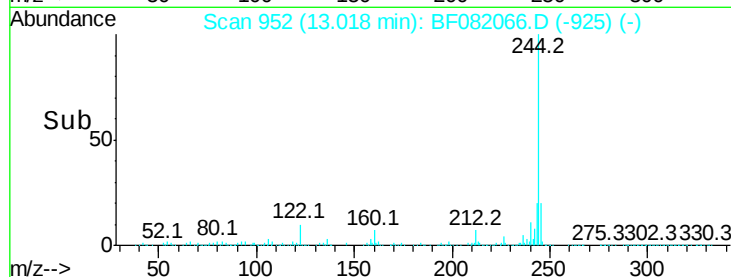
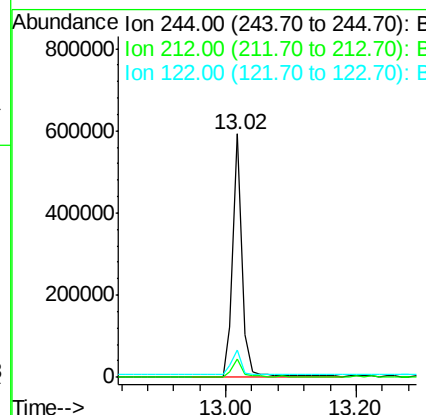
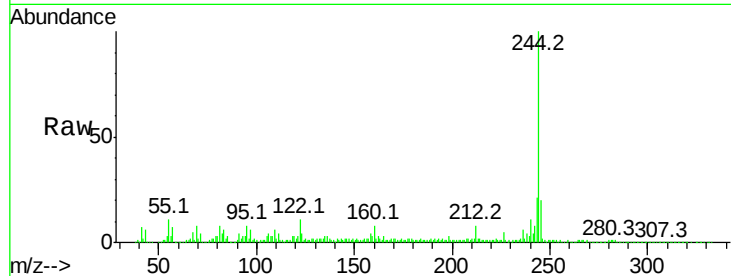
ClientSampleId :

SS-8(0-24)

Tot Ion:	244	Resp:	586327
Ion Ratio	Lower	Upper	
244	100		
212	7.6	4.3	6.5#
122	11.0	17.4	26.2#

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#80

Benzo(a)anthracene

Concen: 5.36 ng

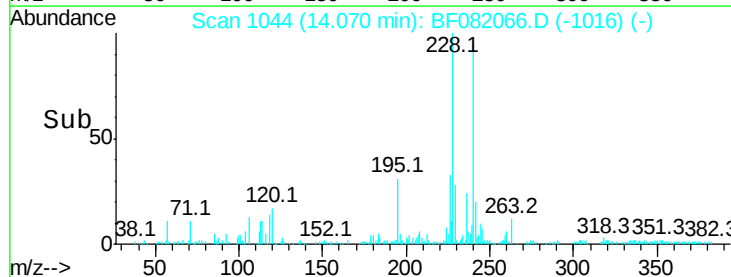
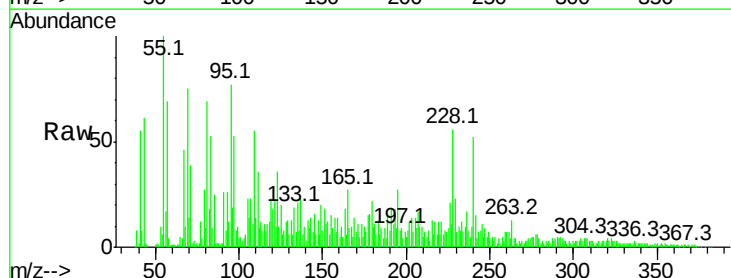
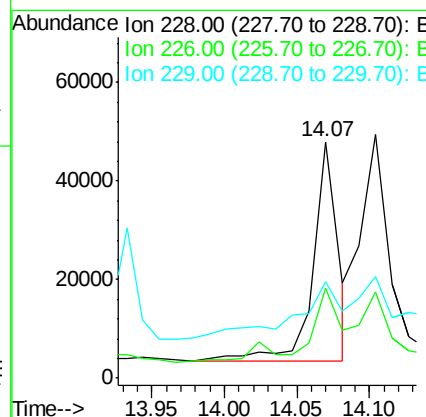
RT: 14.07 min Scan# 1044

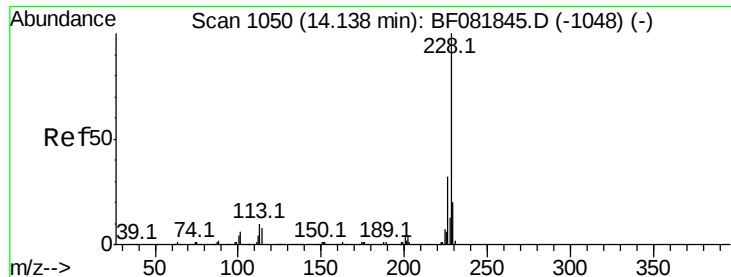
Delta R.T. 0.02 min

Lab File: BF082066.D

Acq: 6 Oct 2015 2:01

Tgt Ion:	228	Resp:	53070
Ion Ratio	Lower	Upper	
228	100		
226	38.0	20.0	30.0#
229	40.9	15.4	23.2#





#82

Chrysene

Concen: 6.05 ng/mL

RT: 14.10 min Scan# 1047

Delta R.T. 0.01 min

Lab File: BF082066.D

Acq: 6 Oct 2015 2:01

Instrument :

BNA_F

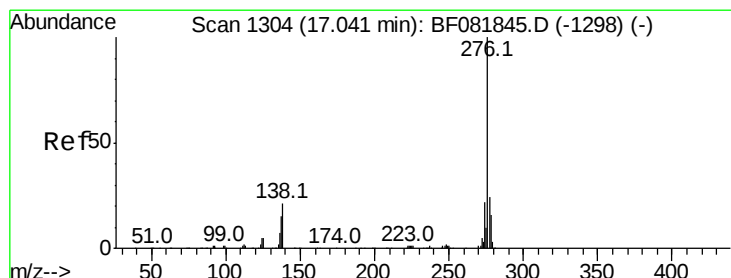
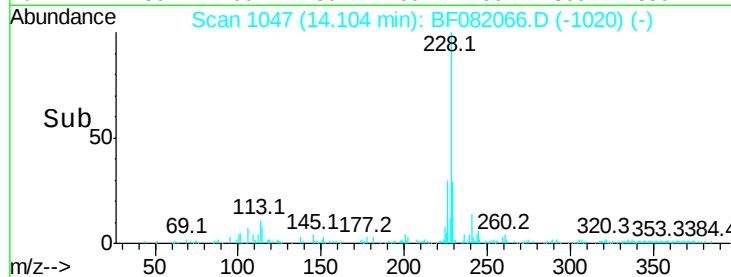
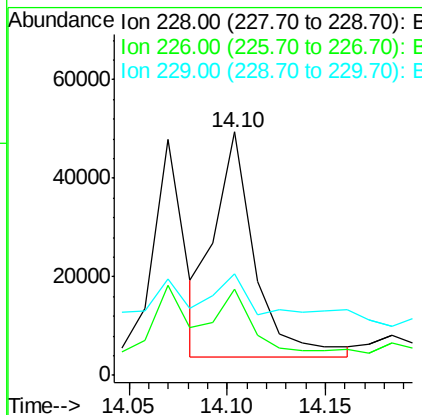
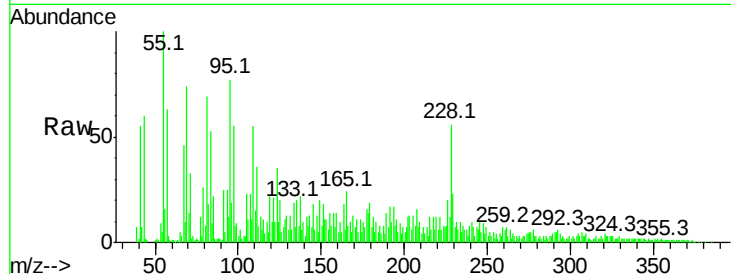
ClientSampleId :

SS-8(0-24)

Tot Ion:	228	Resp:	66293
Ion Ratio	Lower	Upper	
228	100		
226	35.2	21.0	31.4#
229	41.9	15.6	23.4#

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#85

Indeno(1,2,3-cd)pyrene

Concen: 3.62 ng/mL

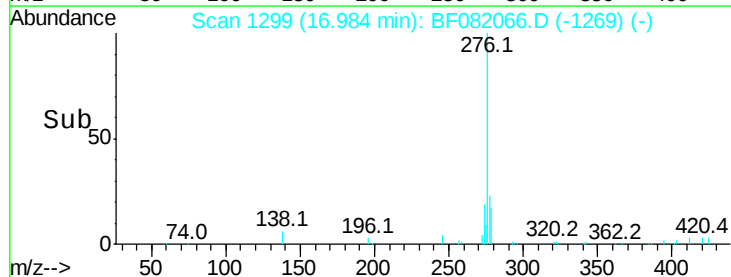
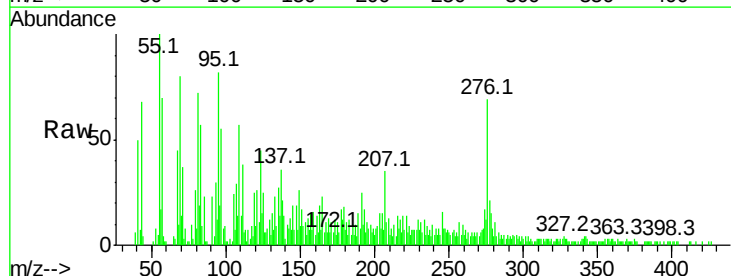
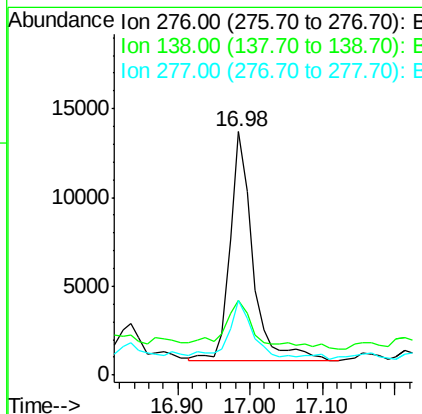
RT: 16.98 min Scan# 1299

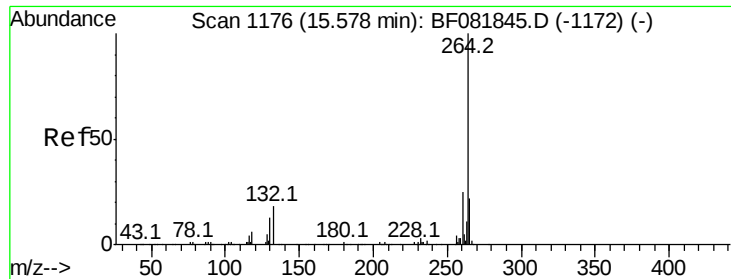
Delta R.T. 0.05 min

Lab File: BF082066.D

Acq: 6 Oct 2015 2:01

Tgt Ion:	276	Resp:	28005
Ion Ratio	Lower	Upper	
276	100		
138	20.0	25.7	38.5#
277	26.4	15.6	23.4#





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.56 min Scan# 1174

Delta R.T. 0.05 min

Lab File: BF082066.D

Acq: 6 Oct 2015 2:01

Instrument :

BNA_F

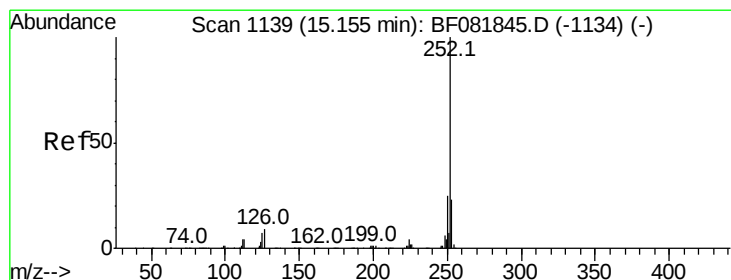
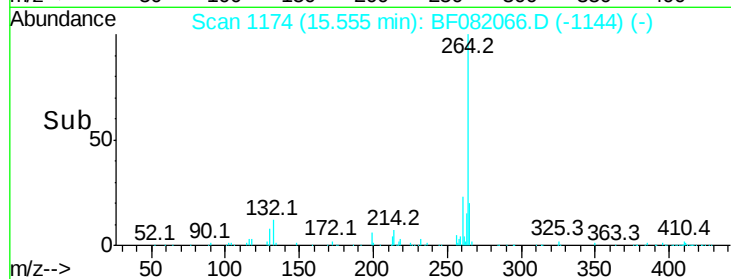
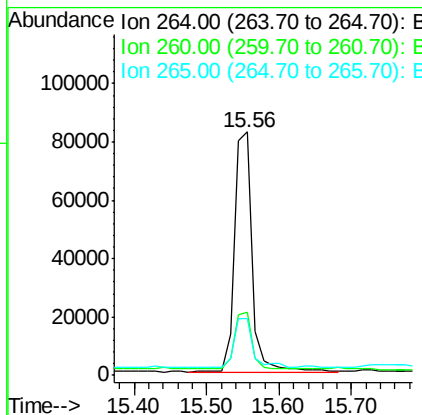
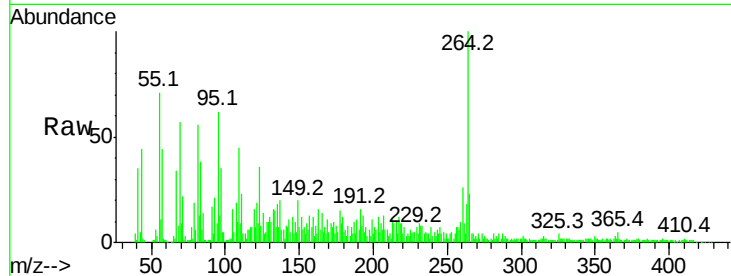
ClientSampleId :

SS-8(0-24)

Tot Ion:	264	Resp:	138282
Ion Ratio	Lower	Upper	
264	100		
260	25.9	16.7	25.1#
265	23.4	17.2	25.8

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#87

Benzo(b)fluoranthene

Concen: 7.00 ng m

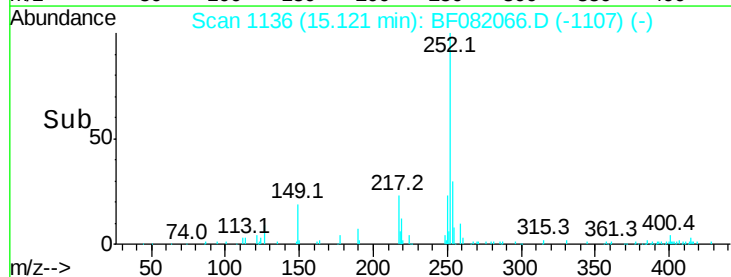
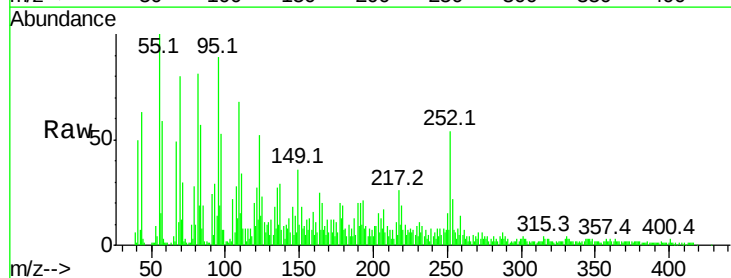
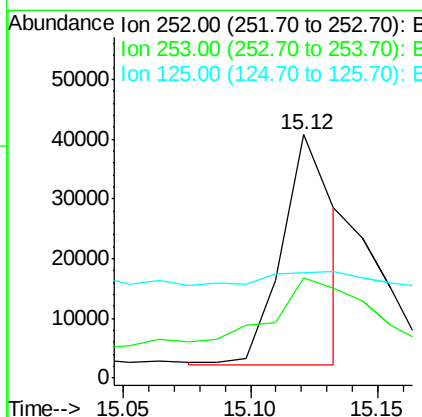
RT: 15.12 min Scan# 1136

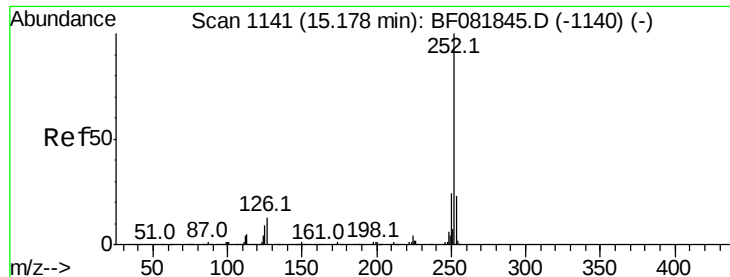
Delta R.T. 0.03 min

Lab File: BF082066.D

Acq: 6 Oct 2015 2:01

Tgt Ion:	252	Resp:	55247
Ion Ratio	Lower	Upper	
252	100		
253	40.9	17.5	26.3#
125	43.3	17.1	25.7#





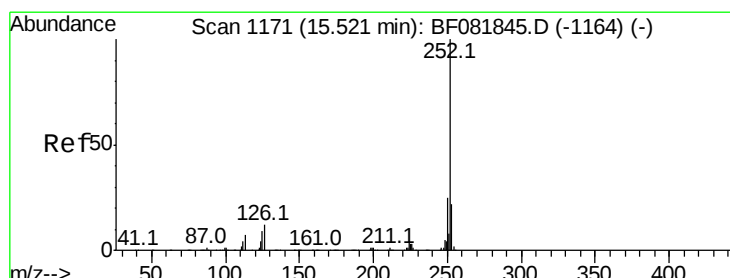
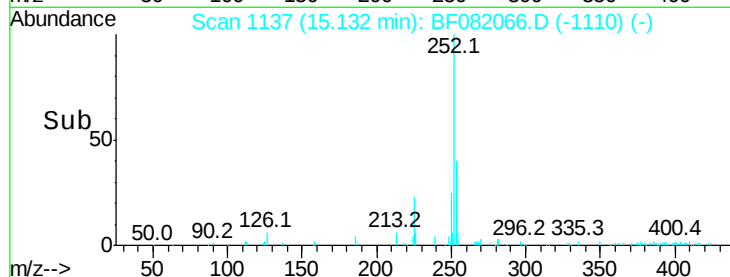
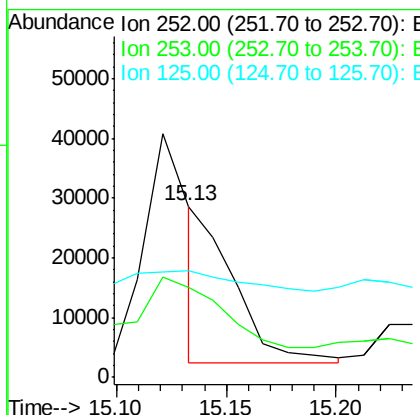
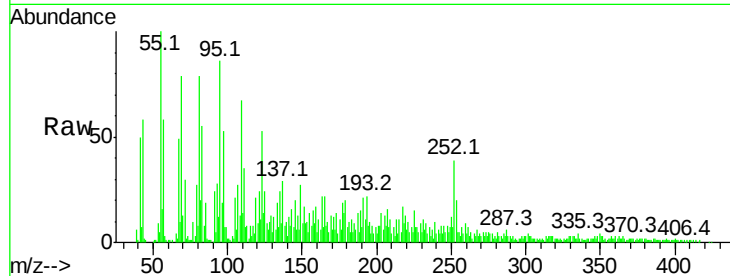
#88
Benzo(k)fluoranthene
Concen: 3.84 ng m
RT: 15.13 min Scan# 1137
Delta R.T. 0.01 min
Lab File: BF082066.D
Acq: 6 Oct 2015 2:01

Instrument :
BNA_F
ClientSampleId :
SS-8(0-24)

Tot Ion	Ratio	Lower	Upper
252	100		
253	52.6	17.0	25.4#
125	62.7	16.0	24.0#

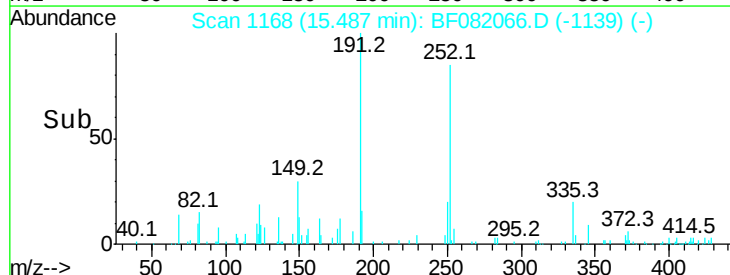
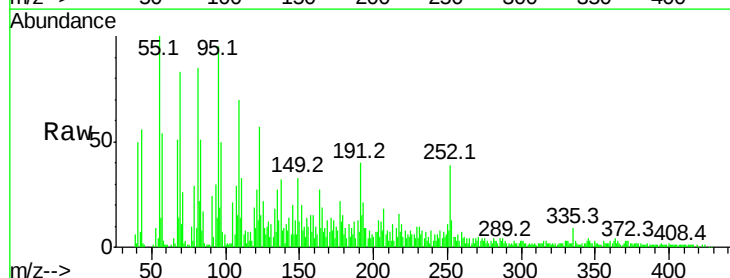
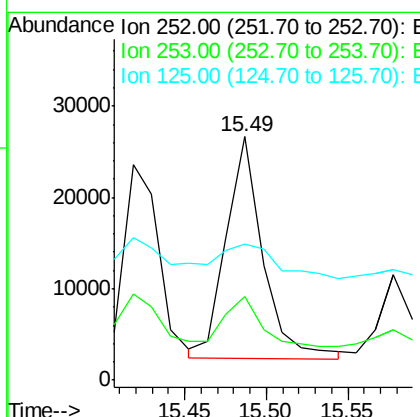
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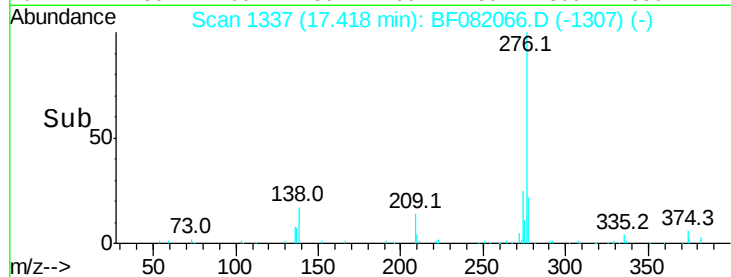
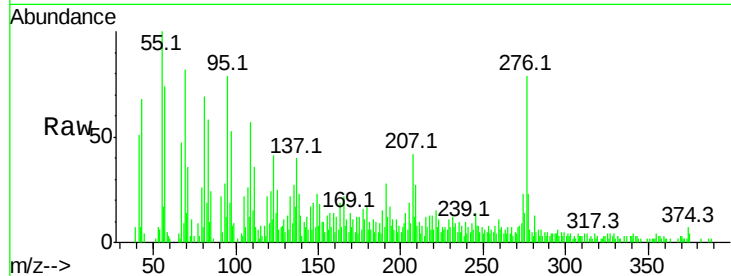
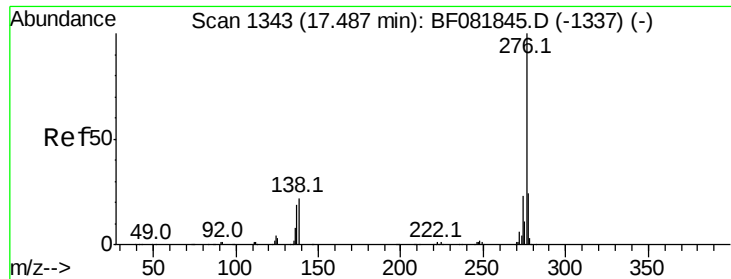
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#89
Benzo(a)pyrene
Concen: 5.47 ng
RT: 15.49 min Scan# 1168
Delta R.T. 0.03 min
Lab File: BF082066.D
Acq: 6 Oct 2015 2:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	34.5	17.2	25.8#
125	55.7	18.0	27.0#





#91

Benzo(a,h,i)perylene

Concen: 4.53 ng

RT: 17.42 min Scan# 1337

Delta R.T. 0.05 min

Lab File: BF082066.D

Acq: 6 Oct 2015 2:01

Instrument :

BNA_F

ClientSampleId :

SS-8(0-24)

Tot Ion: 276 Resp: 26695

Ion Ratio Lower Upper

276 100

277 28.8 17.8 26.6#

138 29.3 34.6 51.8#

Manual Integrations
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