

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
 Data File : BF082061.D
 Acq On : 5 Oct 2015 23:30
 Operator : UM/IZ
 Sample : G3891-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-8(0-2)

Manual Integrations
 APPROVED

MMDadoda
 10/6/2015 2:55:00 PM

Quant Time: Oct 06 06:46:23 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	6.88	152	92504	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	367504	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	153941	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	248605	20.00	ng	0.00
75) Chrysene-d12	14.07	240	196795	20.00	ng	0.01
86) Perylene-d12	15.53	264	134161	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	686589	134.74	ng	0.01
7) Phenol-d6	6.53	99	972292	151.63	ng	0.01
23) Nitrobenzene-d5	7.45	82	530904	96.30	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	183823	117.91	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1008810	118.60	ng	0.00
78) Terphenyl-d14	13.01	244	737955	154.49	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.65	163	231392	21.78	ng	# 97
70) Phenanthrene	11.44	178	52941	2.87	ng	# 94
74) Fluoranthene	12.63	202	127846	9.60	ng	90
77) Pyrene	12.86	202	117768m	10.02	ng	
80) Benzo(a)anthracene	14.06	228	75139	7.09	ng	# 85
82) Chrysene	14.09	228	90313m	7.54	ng	
85) Indeno(1,2,3-cd)pyrene	16.97	276	41902	5.05	ng	# 77
87) Benzo(b)fluoranthene	15.11	252	99083m	12.94	ng	
88) Benzo(k)fluoranthene	15.12	252	33488m	4.77	ng	
89) Benzo(a)pyrene	15.46	252	58575	8.82	ng	# 87
91) Benzo(g,h,i)perylene	17.41	276	45345	7.94	ng	# 78

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

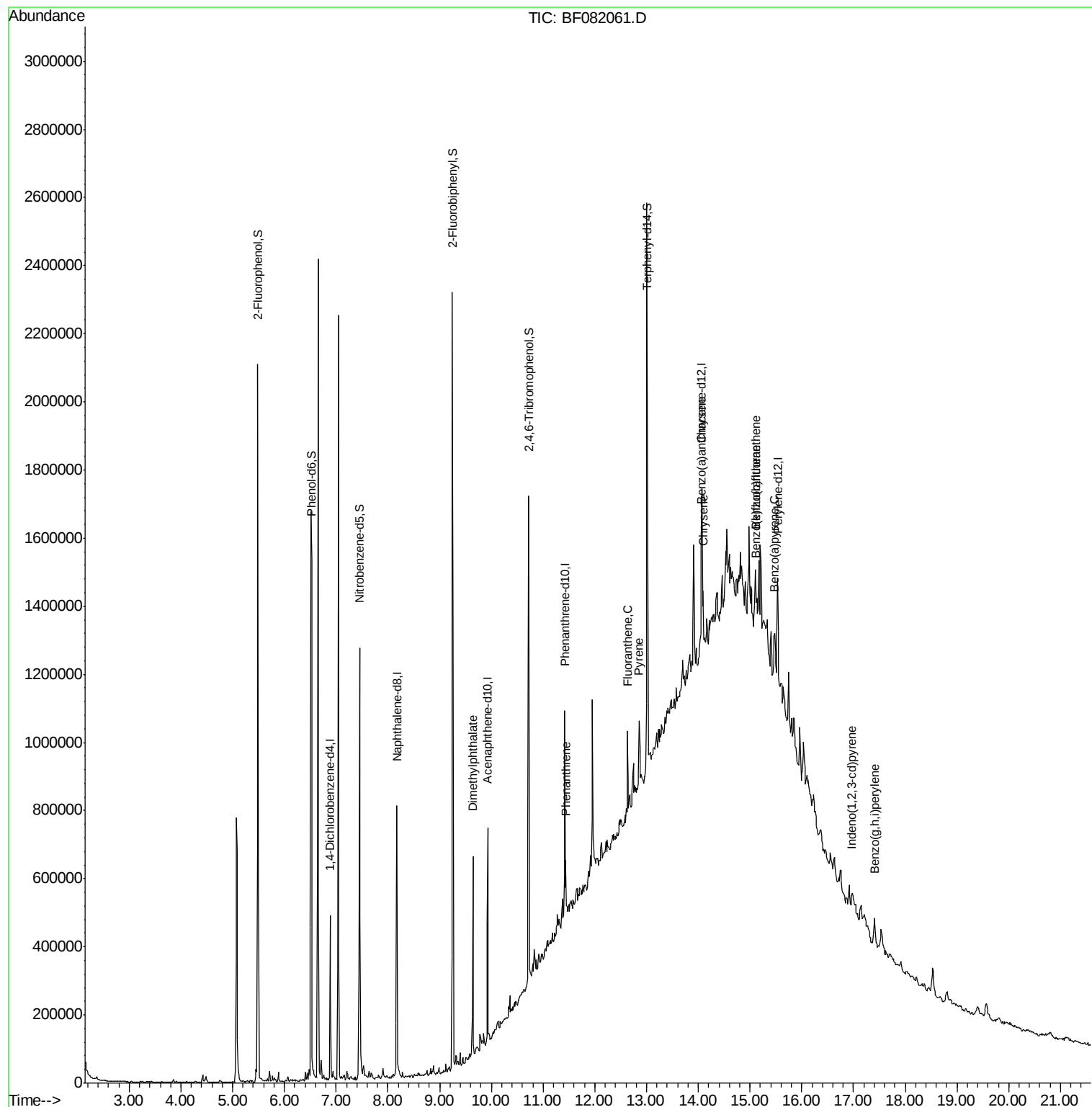
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
Data File : BF082061.D
Acq On : 5 Oct 2015 23:30
Operator : UM/IZ
Sample : G3891-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

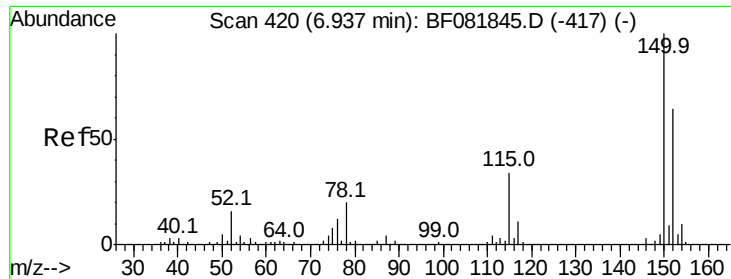
Instrument :
BNA_F
ClientSampleId :
SS-8(0-2)

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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: 6.88 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF082061.D

Acq: 5 Oct 2015 23:30

Instrument :

BNA_F

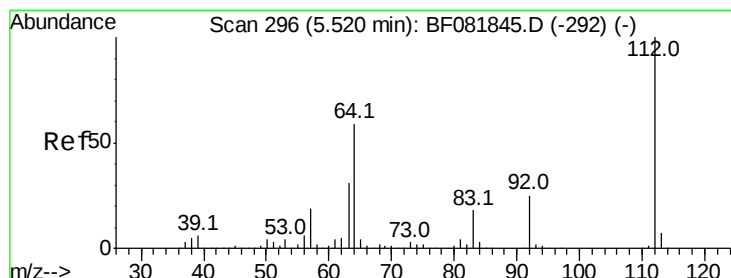
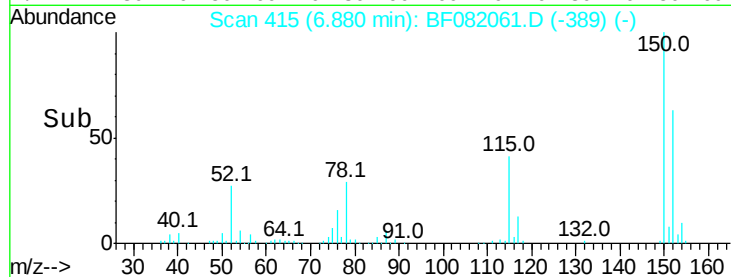
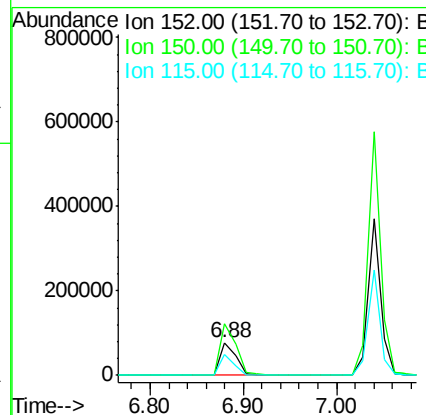
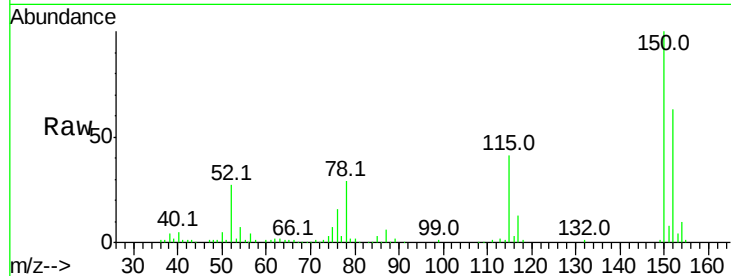
ClientSampleId :

SS-8(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.7	187.1
115	64.9	39.0	58.4#

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#5

2-Fluorophenol

Concen: 134.74 ng

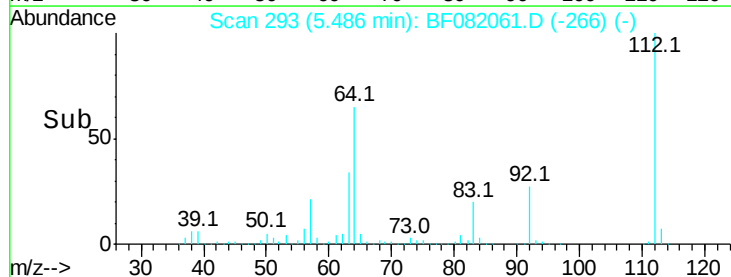
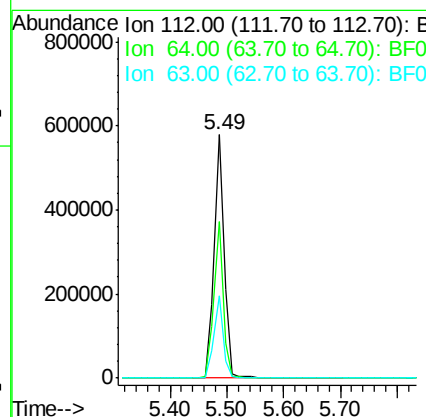
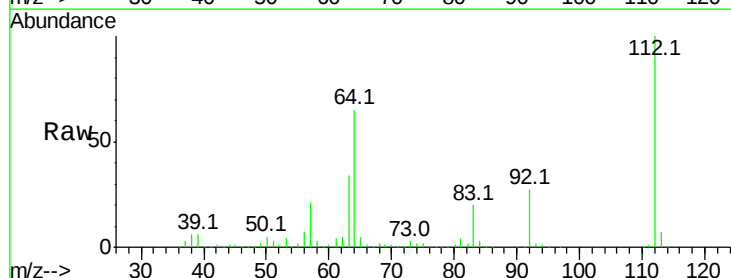
RT: 5.49 min Scan# 293

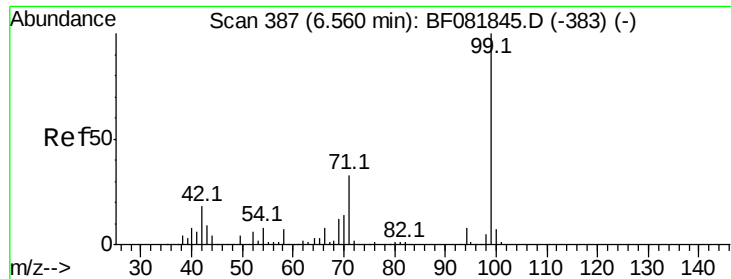
Delta R.T. 0.01 min

Lab File: BF082061.D

Acq: 5 Oct 2015 23:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.5	39.7	59.5#
63	33.9	17.4	26.0#





#7

Phenol-d6

Concen: 151.63 ng

RT: 6.53 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF082061.D

Acq: 5 Oct 2015 23:30

Instrument :

BNA_F

ClientSampleId :

SS-8(0-2)

Tot Ion: 99 Resp: 972292

Ion Ratio Lower Upper

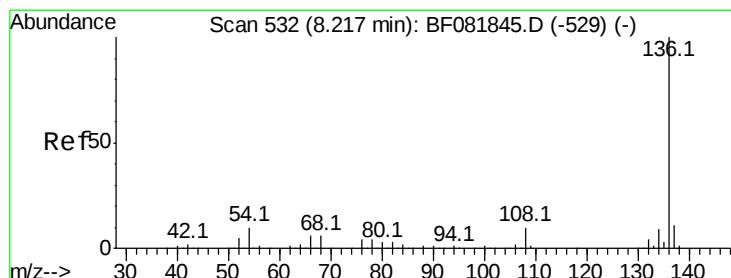
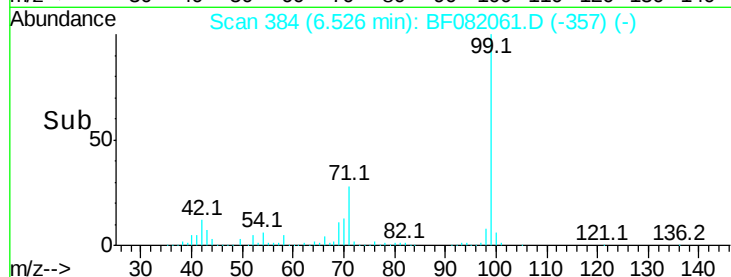
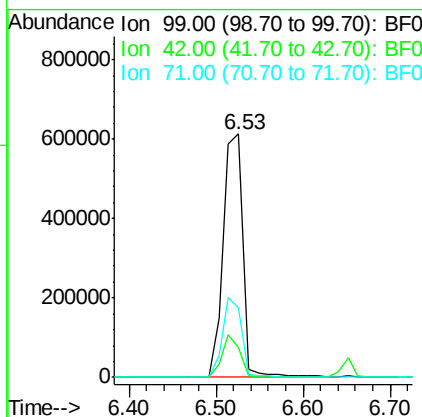
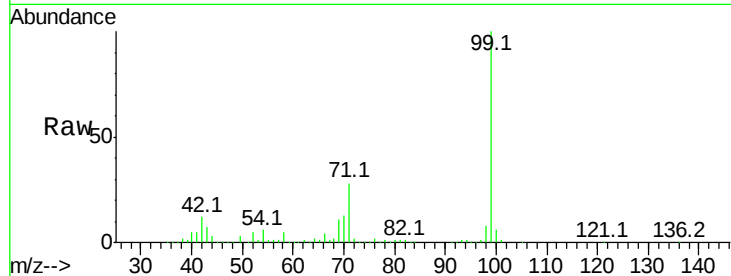
99 100

42 12.4 13.7 20.5#

71 28.4 14.2 21.2#

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF082061.D

Acq: 5 Oct 2015 23:30

Tgt Ion: 136 Resp: 367504

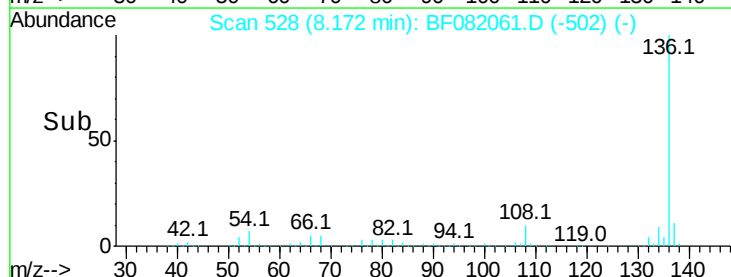
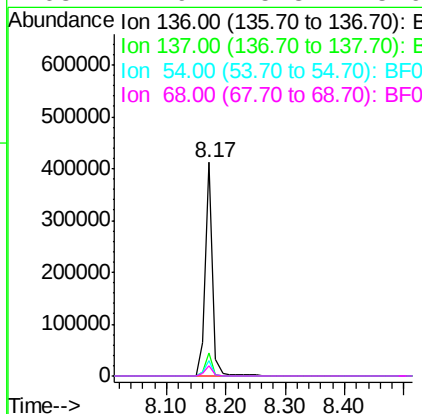
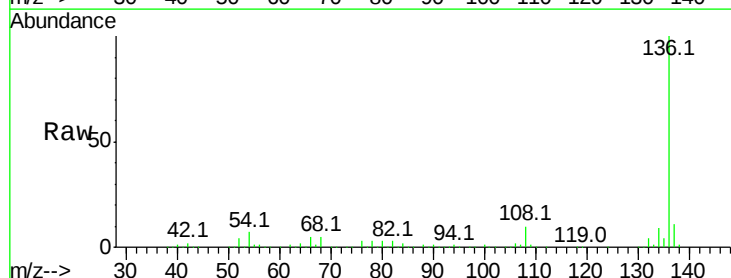
Ion Ratio Lower Upper

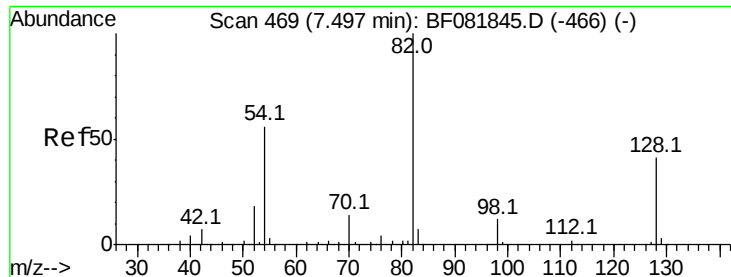
136 100

137 11.0 9.0 13.6

54 7.3 8.2 12.2#

68 4.9 5.8 8.6#





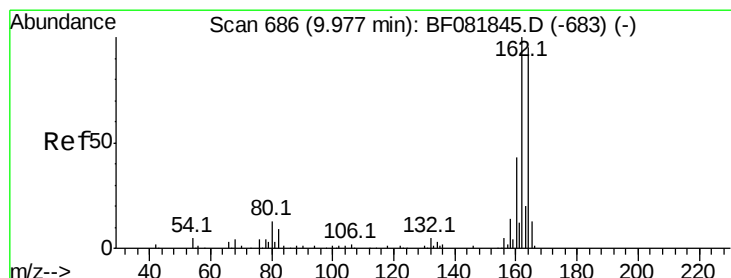
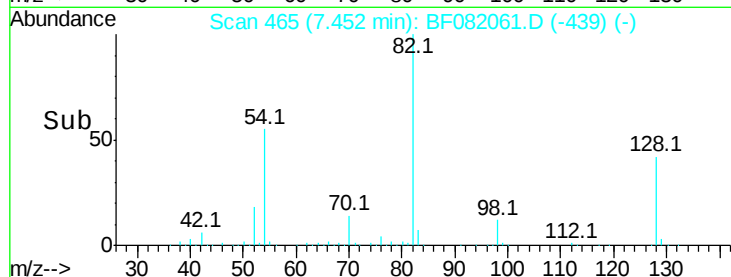
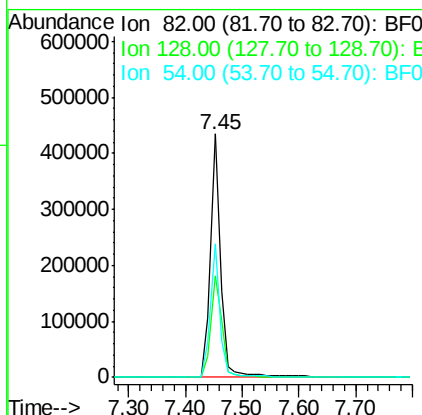
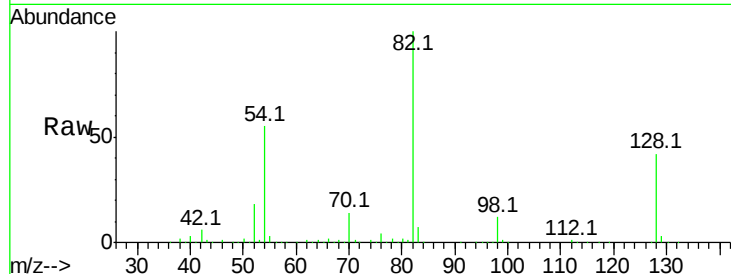
#23
 Nitrobenzene-d5
 Concen: 96.30 ng
 RT: 7.45 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: BF082061.D
 Acq: 5 Oct 2015 23:30

Instrument :
 BNA_F
 ClientSampleId :
 SS-8(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.7	51.0	76.6#	
54	54.9	47.5	71.3	

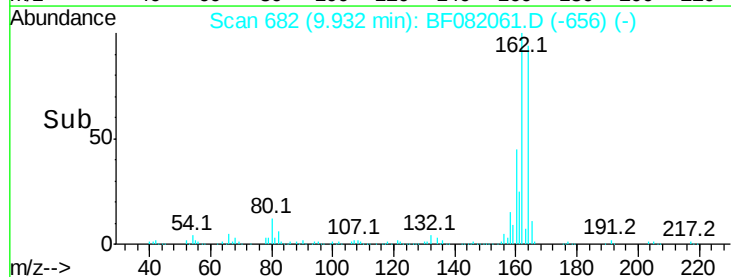
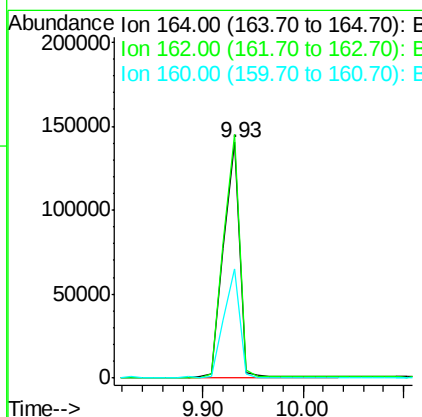
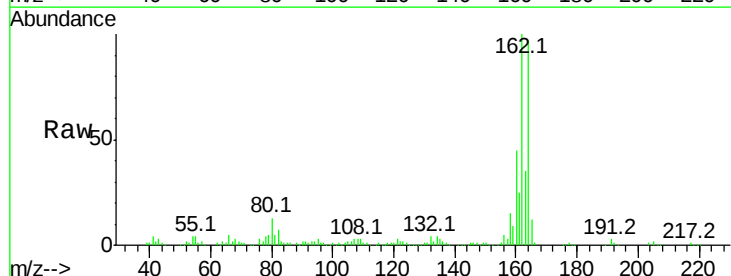
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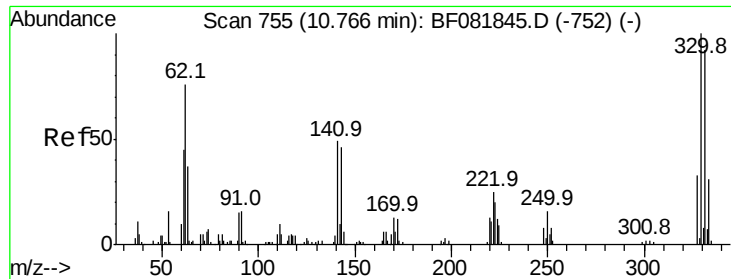
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.00 min
 Lab File: BF082061.D
 Acq: 5 Oct 2015 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.5	75.2	112.8	
160	46.3	31.5	47.3	





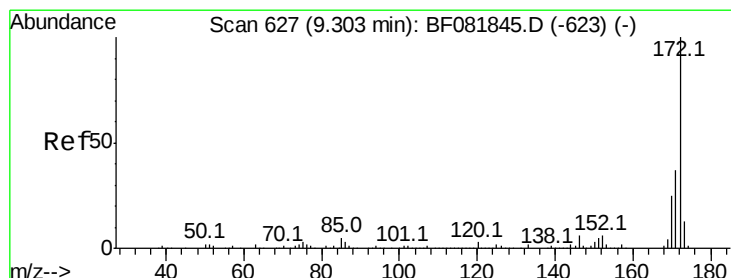
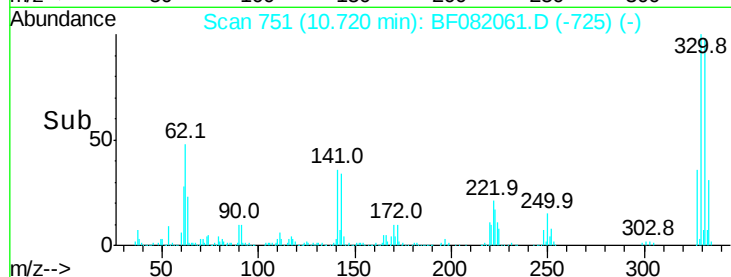
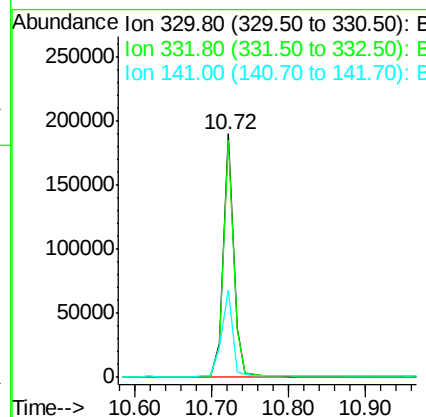
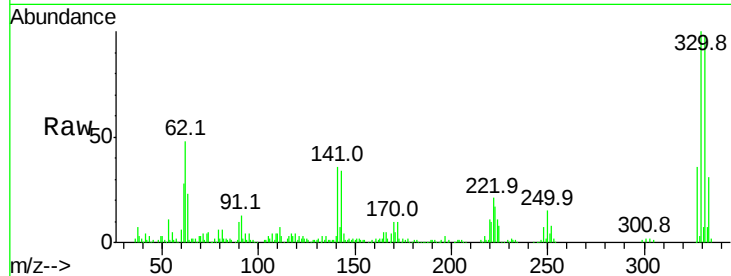
#41
 2,4,6-Tribromophenol
 Concen: 117.91 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF082061.D
 Acq: 5 Oct 2015 23:30

Instrument :
 BNA_F
 ClientSampled :
 SS-8(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	183823		
332	96.9	76.6	114.8	
141	37.3	29.7	44.5	

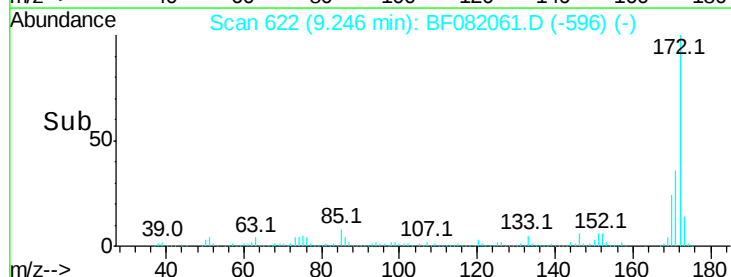
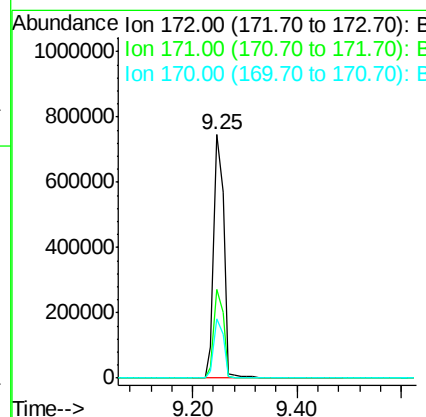
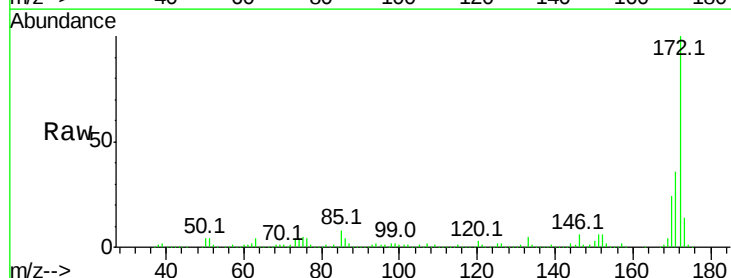
Manual Integrations
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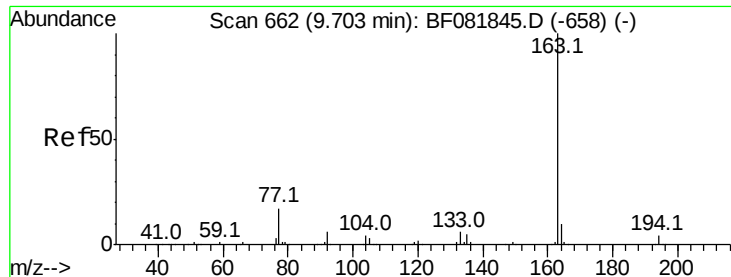
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 10/6/2015 2:55:00 PM



#44
 2-Fluorobiphenyl
 Concen: 118.60 ng
 RT: 9.25 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF082061.D
 Acq: 5 Oct 2015 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1008810		
171	36.2	26.1	39.1	
170	24.4	17.4	26.2	





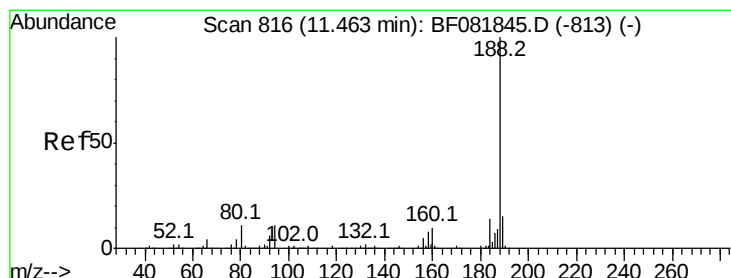
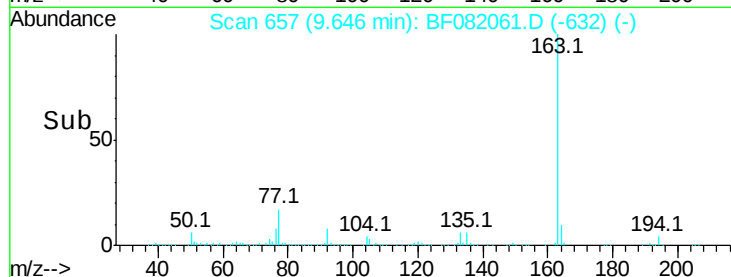
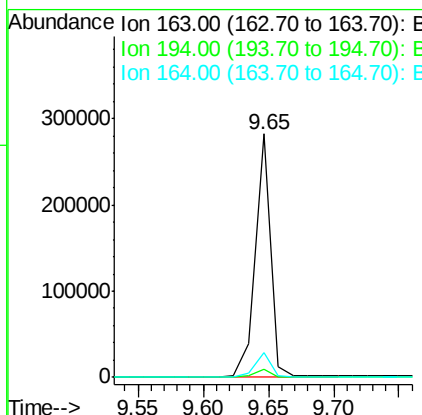
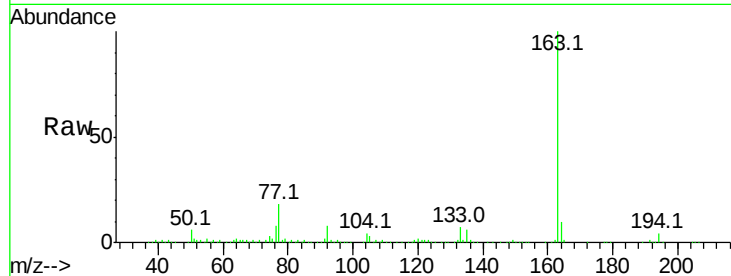
#49
Dimethylphthalate
Concen: 21.78 ng
RT: 9.65 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF082061.D
Acq: 5 Oct 2015 23:30

Instrument :
BNA_F
ClientSampleId :
SS-8(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
163	100	231392		
194	3.6	4.4	6.6#	
164	10.0	8.3	12.5	

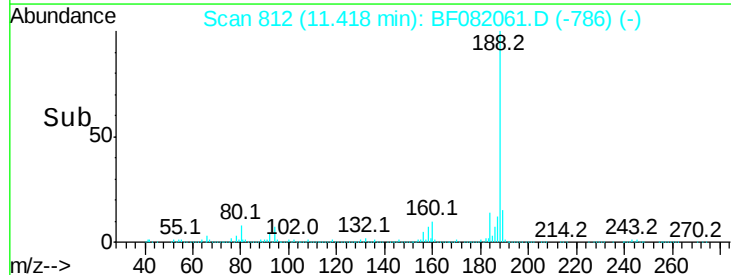
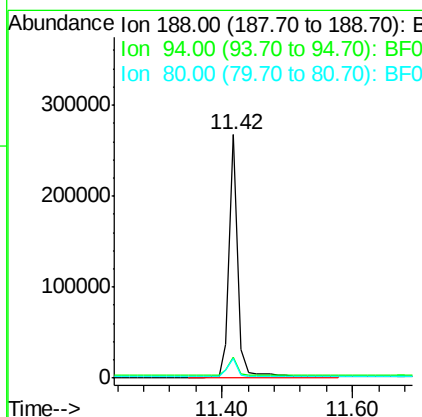
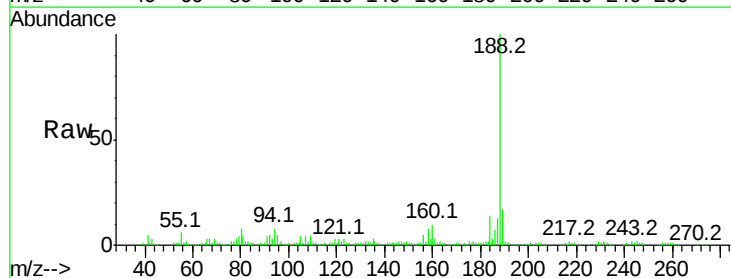
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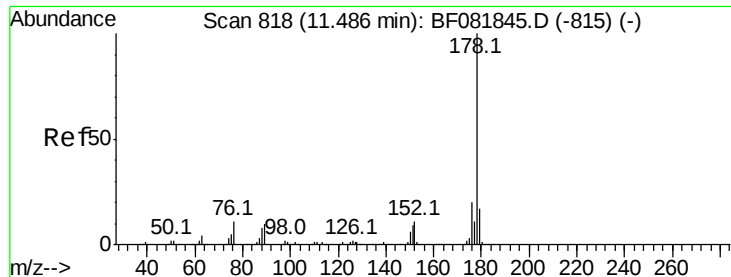
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF082061.D
Acq: 5 Oct 2015 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	248605		
94	8.3	11.1	16.7#	
80	8.3	11.0	16.4#	





#70

Phenanthrene

Concen: 2.87 ng

RT: 11.44 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF082061.D

Acq: 5 Oct 2015 23:30

Instrument :

BNA_F

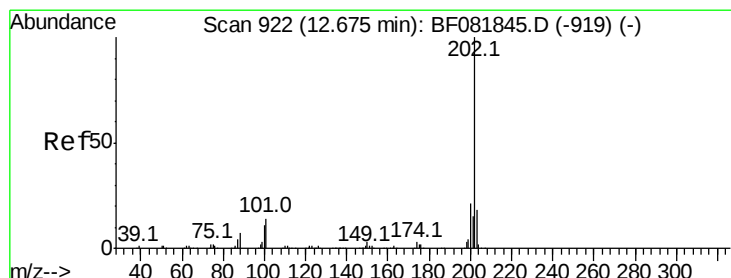
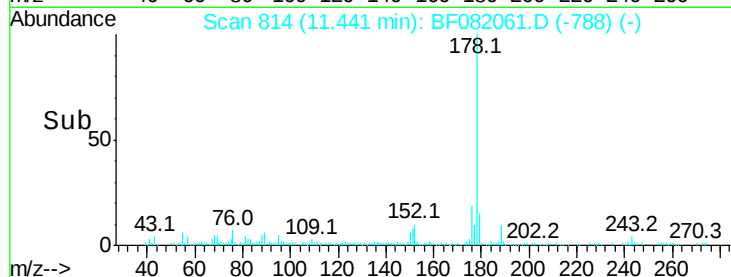
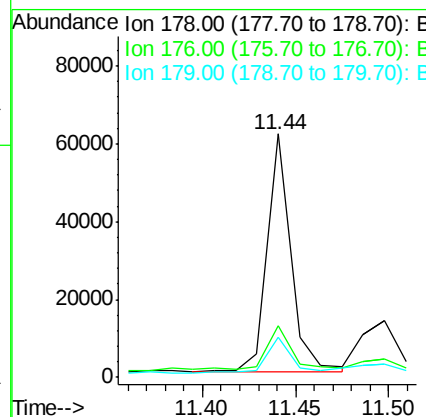
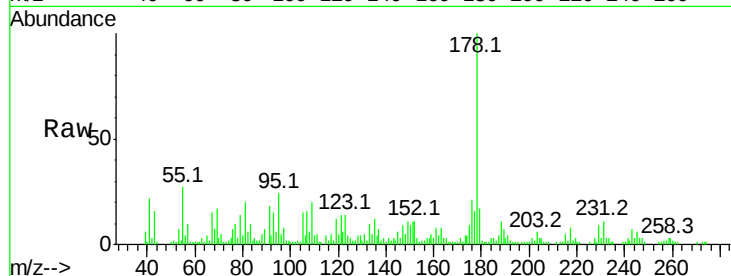
ClientSampleId :

SS-8(0-2)

Tot Ion:	178	Resp:	52941
Ion Ratio	Lower	Upper	
178	100		
176	21.3	13.8	20.8#
179	16.5	12.2	18.2

Manual Integrations
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#74

Fluoranthene

Concen: 9.60 ng

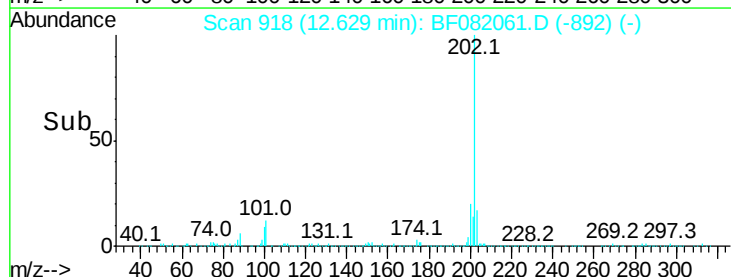
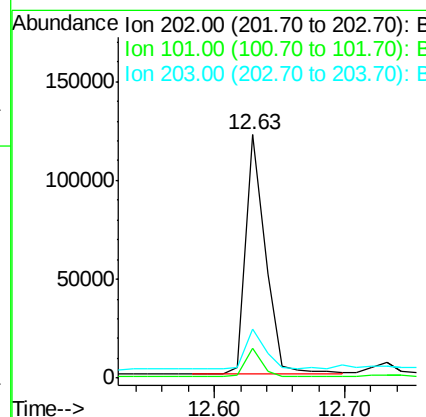
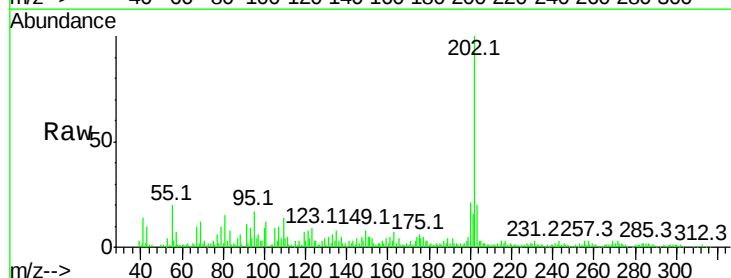
RT: 12.63 min Scan# 918

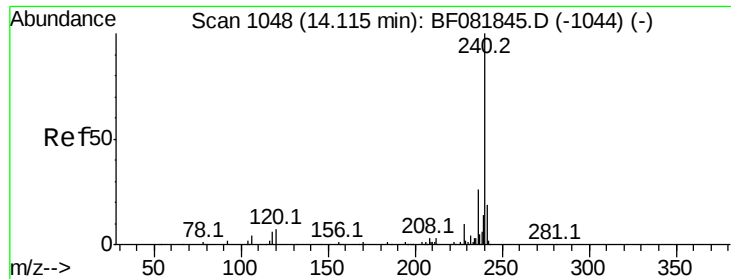
Delta R.T. -0.00 min

Lab File: BF082061.D

Acq: 5 Oct 2015 23:30

Tgt Ion:	202	Resp:	127846
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	38.3
203	20.1	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1044

Delta R.T. 0.01 min

Lab File: BF082061.D

Acq: 5 Oct 2015 23:30

Instrument :

BNA_F

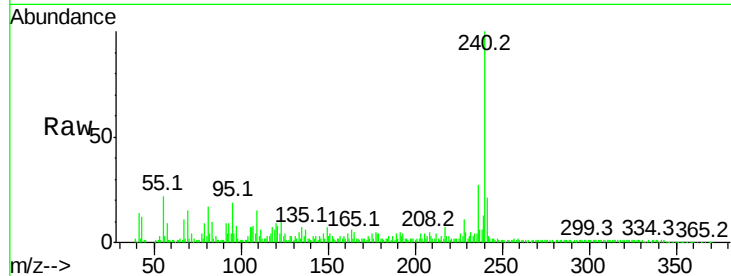
ClientSampleId :

SS-8(0-2)

Tot Ion:	240	Resp:	196795
Ion Ratio	Lower	Upper	
240	100		
120	9.4	16.2	24.2#
236	26.6	18.4	27.6

Manual Integrations
APPROVED

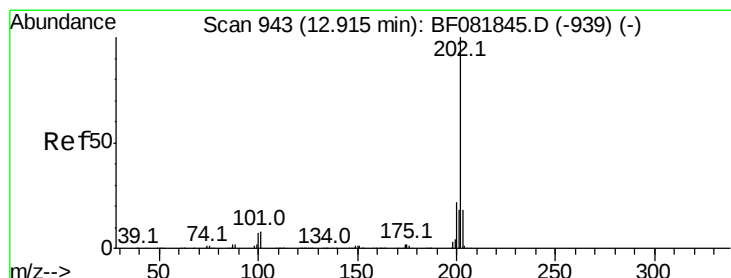
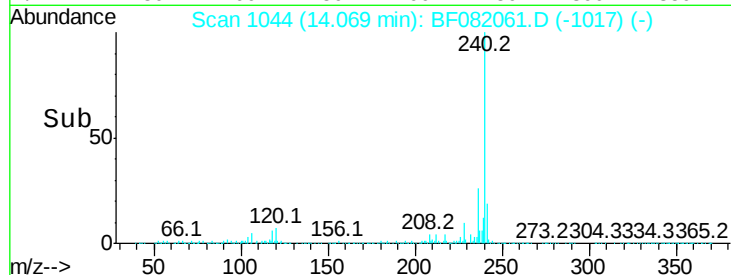
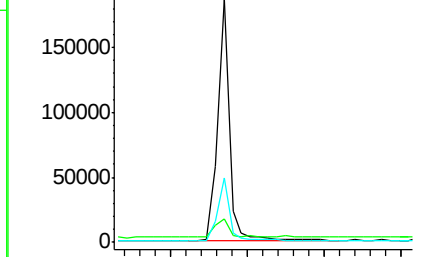
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 10.02 ng m

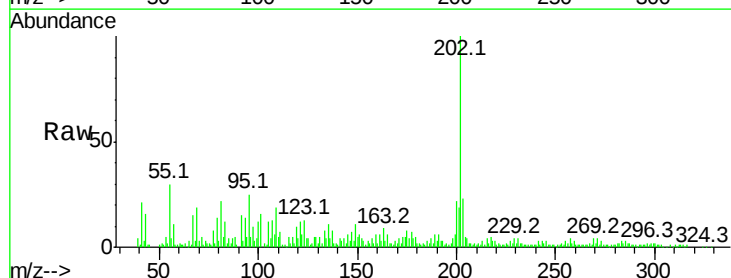
RT: 12.86 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF082061.D

Acq: 5 Oct 2015 23:30

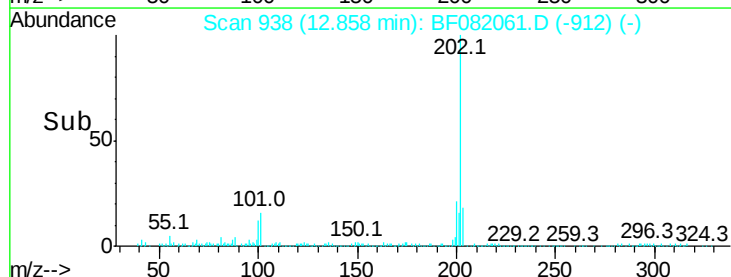
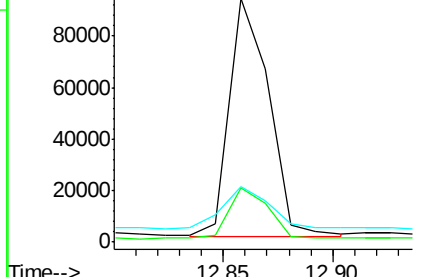
Tgt Ion:	202	Resp:	117768
Ion Ratio	Lower	Upper	
202	100		
200	22.2	15.0	22.4
203	22.9	14.1	21.1#

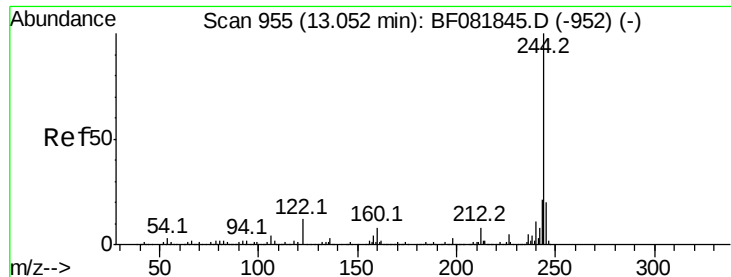


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 154.49 ng

RT: 13.01 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF082061.D

Acq: 5 Oct 2015 23:30

Instrument :

BNA_F

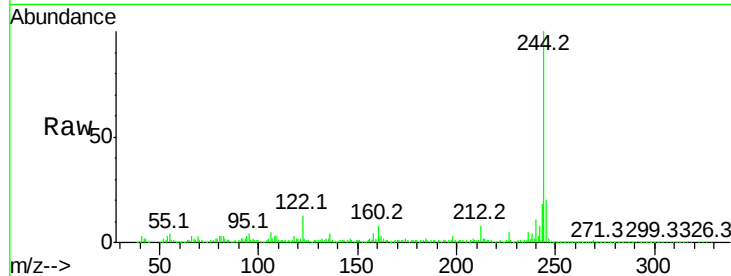
ClientSampleId :

SS-8(0-2)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.7	4.3	6.5#
122	12.9	17.4	26.2#

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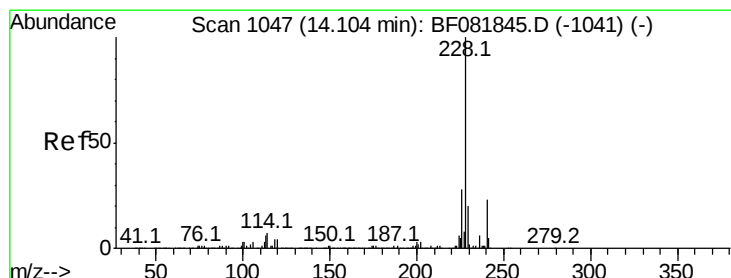
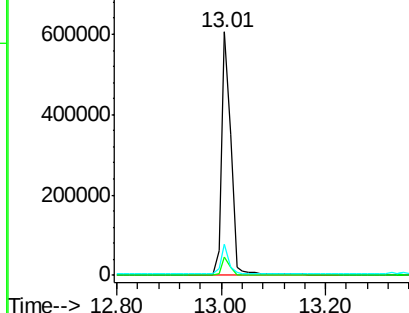
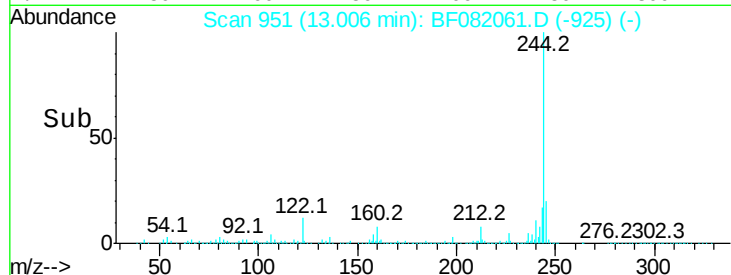


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 7.09 ng

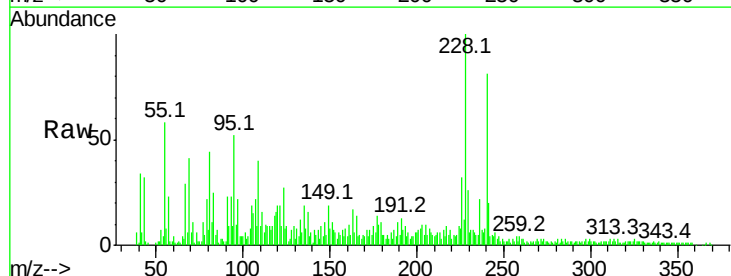
RT: 14.06 min Scan# 1043

Delta R.T. 0.01 min

Lab File: BF082061.D

Acq: 5 Oct 2015 23:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	20.0	30.0#
229	26.4	15.4	23.2#

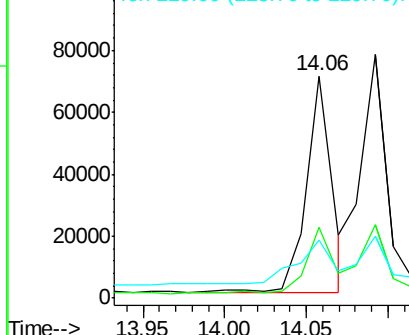
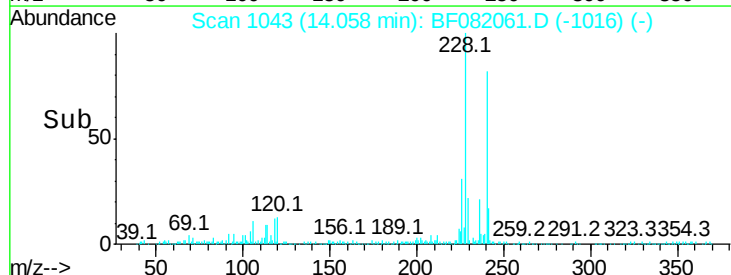


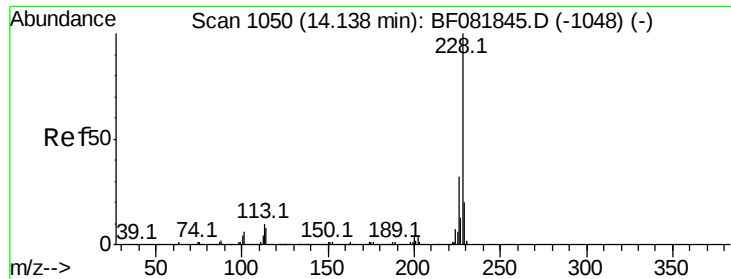
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





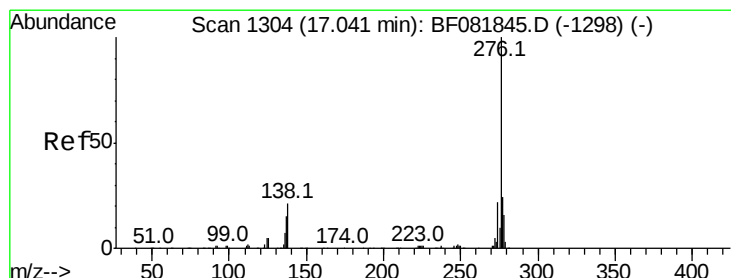
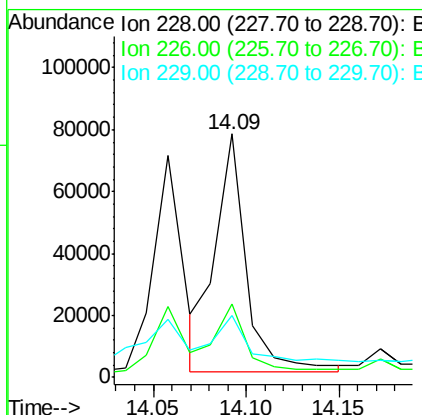
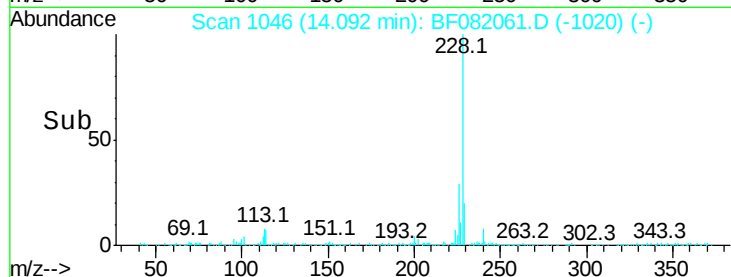
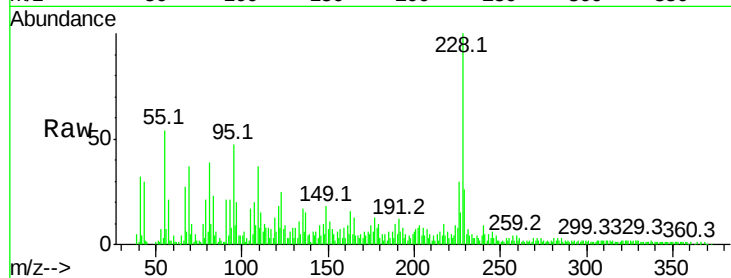
#82
Chrysene
Concen: 7.54 ng/ml
RT: 14.09 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF082061.D
Acq: 5 Oct 2015 23:30

Instrument :
BNA_F
ClientSampled :
SS-8(0-2)

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	21.0	31.4
229	25.6	15.6	23.4

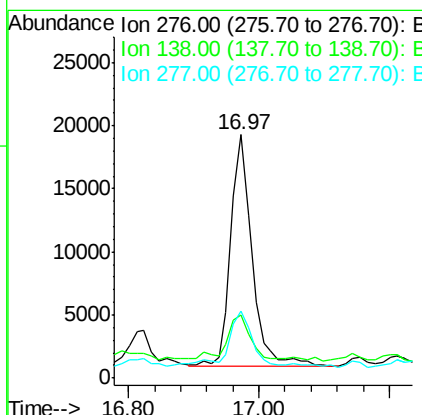
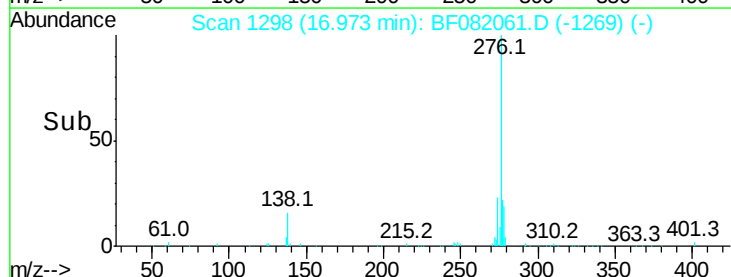
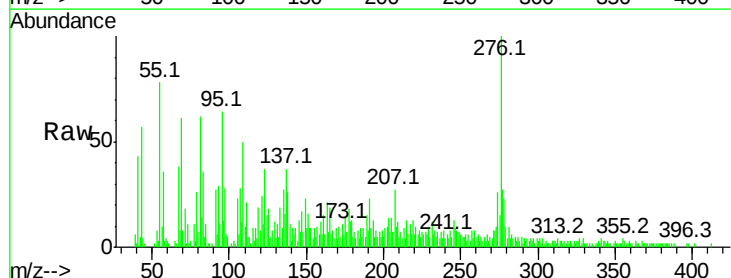
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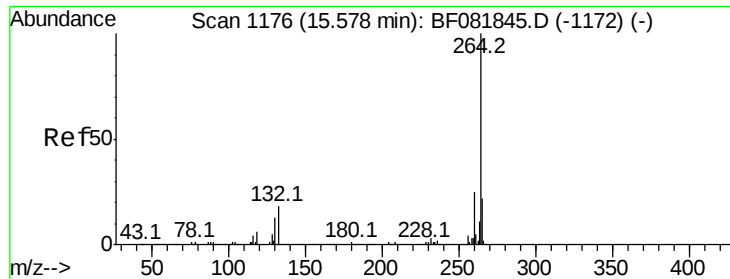
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#85
Indeno(1,2,3-cd)pyrene
Concen: 5.05 ng
RT: 16.97 min Scan# 1298
Delta R.T. 0.03 min
Lab File: BF082061.D
Acq: 5 Oct 2015 23:30

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.7	25.7	38.5
277	28.9	15.6	23.4





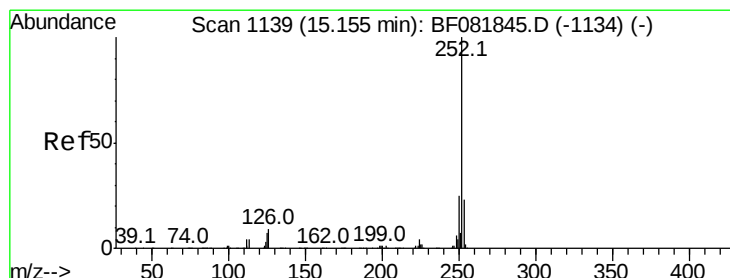
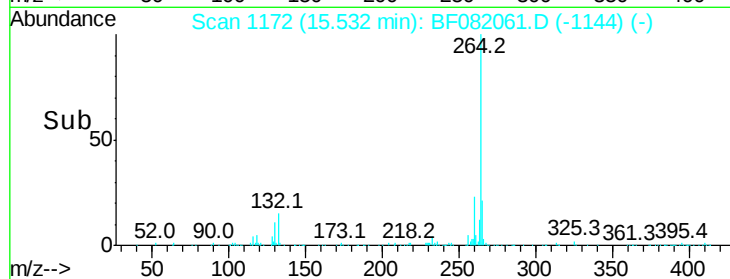
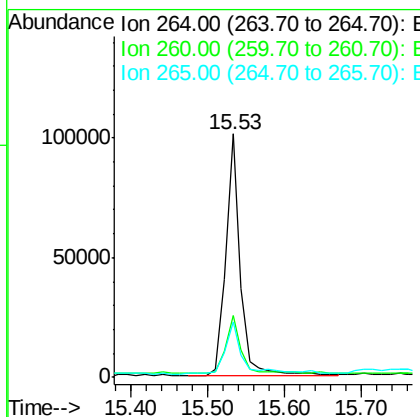
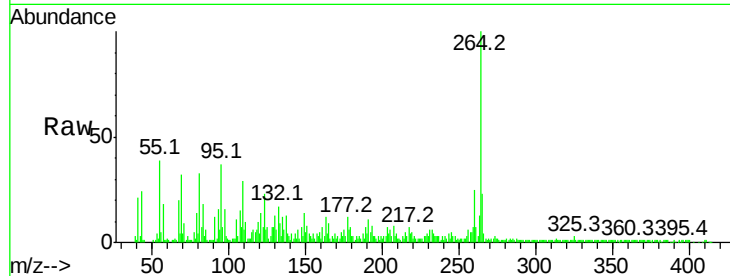
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1172
Delta R.T. 0.02 min
Lab File: BF082061.D
Acq: 5 Oct 2015 23:30

Instrument :
BNA_F
ClientSampled :
SS-8(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	16.7	25.1#
265	22.8	17.2	25.8

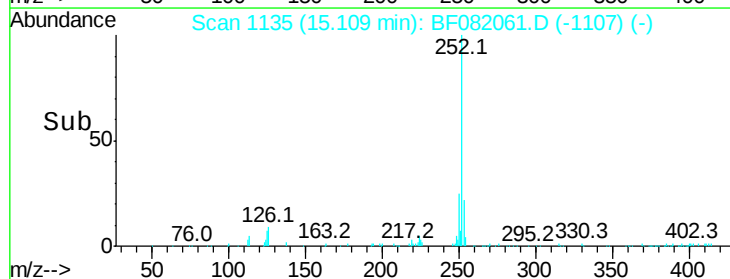
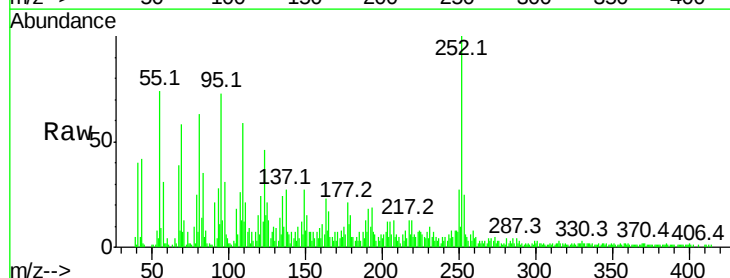
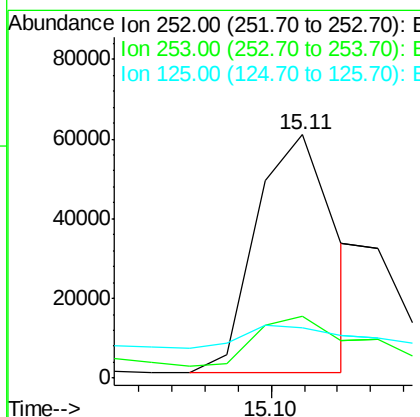
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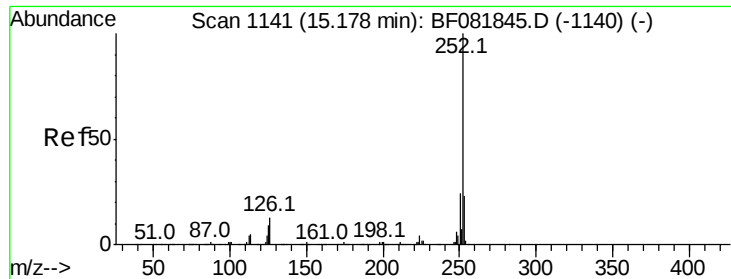
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#87
Benzo(b)fluoranthene
Concen: 12.94 ng m
RT: 15.11 min Scan# 1135
Delta R.T. 0.02 min
Lab File: BF082061.D
Acq: 5 Oct 2015 23:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.5	26.3
125	20.6	17.1	25.7





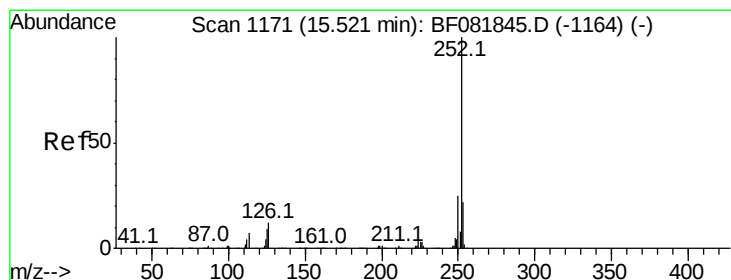
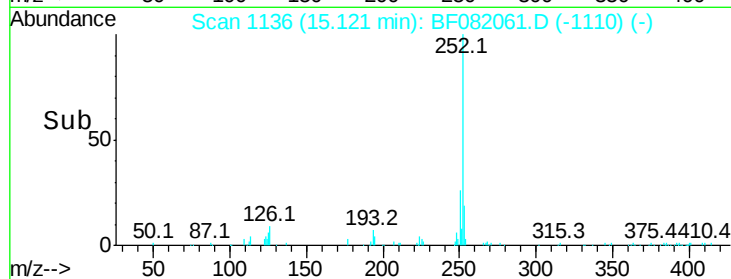
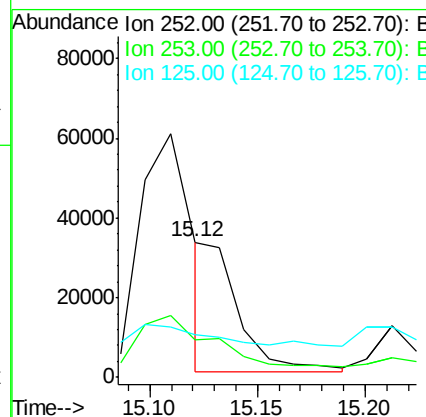
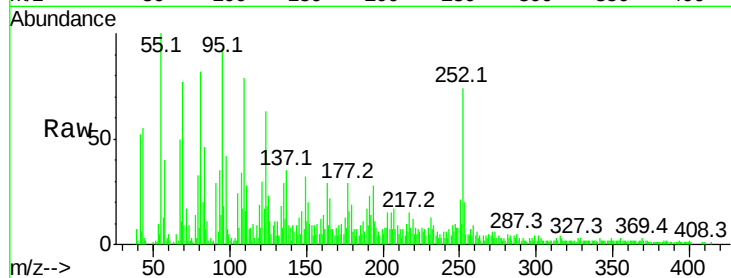
#88
Benzo(k)fluoranthene
Concen: 4.77 ng/ml
RT: 15.12 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BF082061.D
Acq: 5 Oct 2015 23:30

Instrument :
BNA_F
ClientSampleId :
SS-8(0-2)

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.7	17.0	25.4#
125	31.2	16.0	24.0#

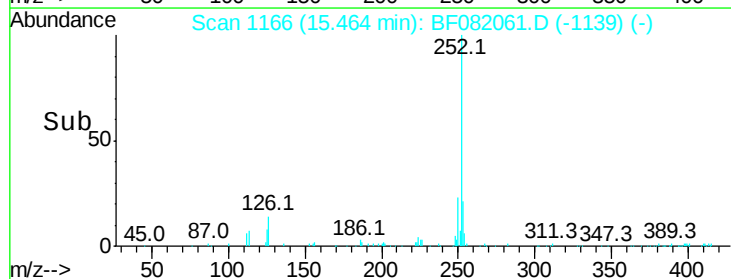
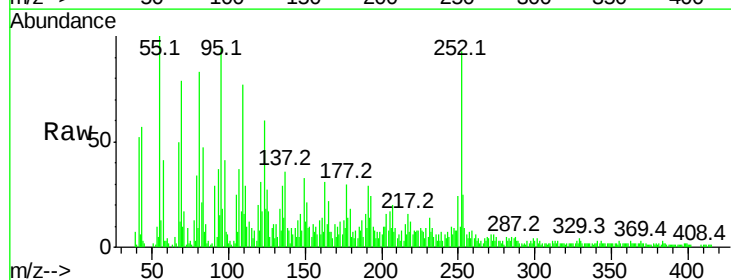
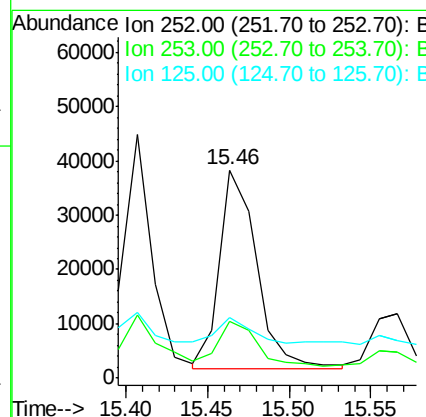
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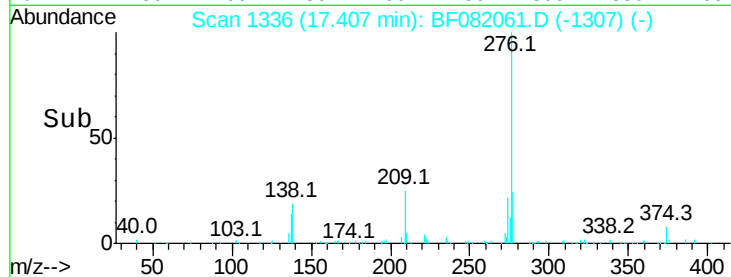
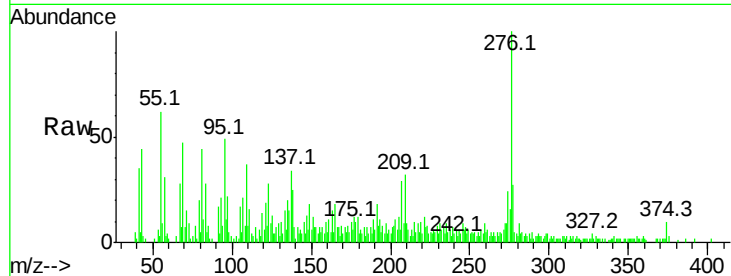
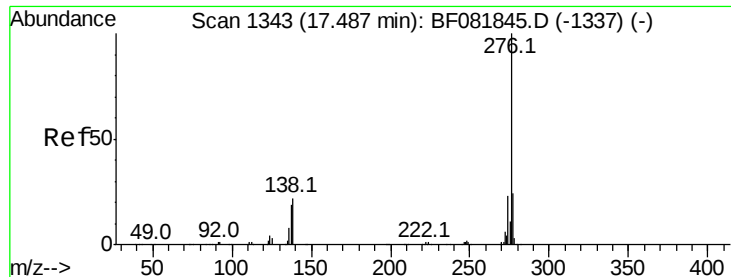
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#89
Benzo(a)pyrene
Concen: 8.82 ng/ml
RT: 15.46 min Scan# 1166
Delta R.T. 0.01 min
Lab File: BF082061.D
Acq: 5 Oct 2015 23:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.2	17.2	25.8#
125	28.8	18.0	27.0#





#91
 Benzo(a,h,i)perylene
 Concen: 7.94 ng
 RT: 17.41 min Scan# 1336
 Delta R.T. 0.03 min
 Lab File: BF082061.D
 Acq: 5 Oct 2015 23:30

Instrument :
 BNA_F
 ClientSampleId :
 SS-8(0-2)

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.5	17.8	26.6#
138	25.2	34.6	51.8#

Manual Integrations
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