

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
 Data File : BF081745.D
 Acq On : 22 Sep 2015 18:12
 Operator : UM/IZ
 Sample : G3753-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

Manual Integrations
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 9/23/2015 4:33:44 PM

Quant Time: Sep 23 13:55:25 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 17:42:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	36078	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	138035	20.00	ng	-0.01
38) Acenaphthene-d10	15.16	164	59368	20.00	ng	-0.01
63) Phenanthrene-d10	18.67	188	99177	20.00	ng	-0.01
75) Chrysene-d12	23.33	240	71240	20.00	ng	0.00
86) Perylene-d12	24.77	264	72934	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	268149	115.32	ng	0.02
7) Phenol-d6	7.58	99	371680	120.75	ng	0.00
23) Nitrobenzene-d5	9.44	82	247930	86.66	ng	-0.01
41) 2,4,6-Tribromophenol	17.07	330	61188	115.75	ng	-0.01
44) 2-Fluorobiphenyl	13.68	172	429860	92.79	ng	-0.01
78) Terphenyl-d14	22.05	244	258994	84.63	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.73	163	93113	20.19	ng	# 97
70) Phenanthrene	18.72	178	37618	6.82	ng	96
74) Fluoranthene	21.36	202	89039	14.92	ng	87
77) Pyrene	21.71	202	83127	15.75	ng	99
80) Benzo(a)anthracene	23.32	228	50414m	11.11	ng	
82) Chrysene	23.36	228	40201	9.89	ng	95
83) Bis(2-ethylhexyl)phthalate	23.44	149	7181	2.37	ng	# 95
85) Indeno(1,2,3-cd)pyrene	25.81	276	23835m	7.99	ng	
87) Benzo(b)fluoranthene	24.44	252	61571m	11.82	ng	
88) Benzo(k)fluoranthene	24.45	252	13966m	3.23	ng	
89) Benzo(a)pyrene	24.72	252	41006	9.29	ng	# 87
91) Benzo(a,h,i)perylene	26.11	276	24248	7.45	ng	# 72

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

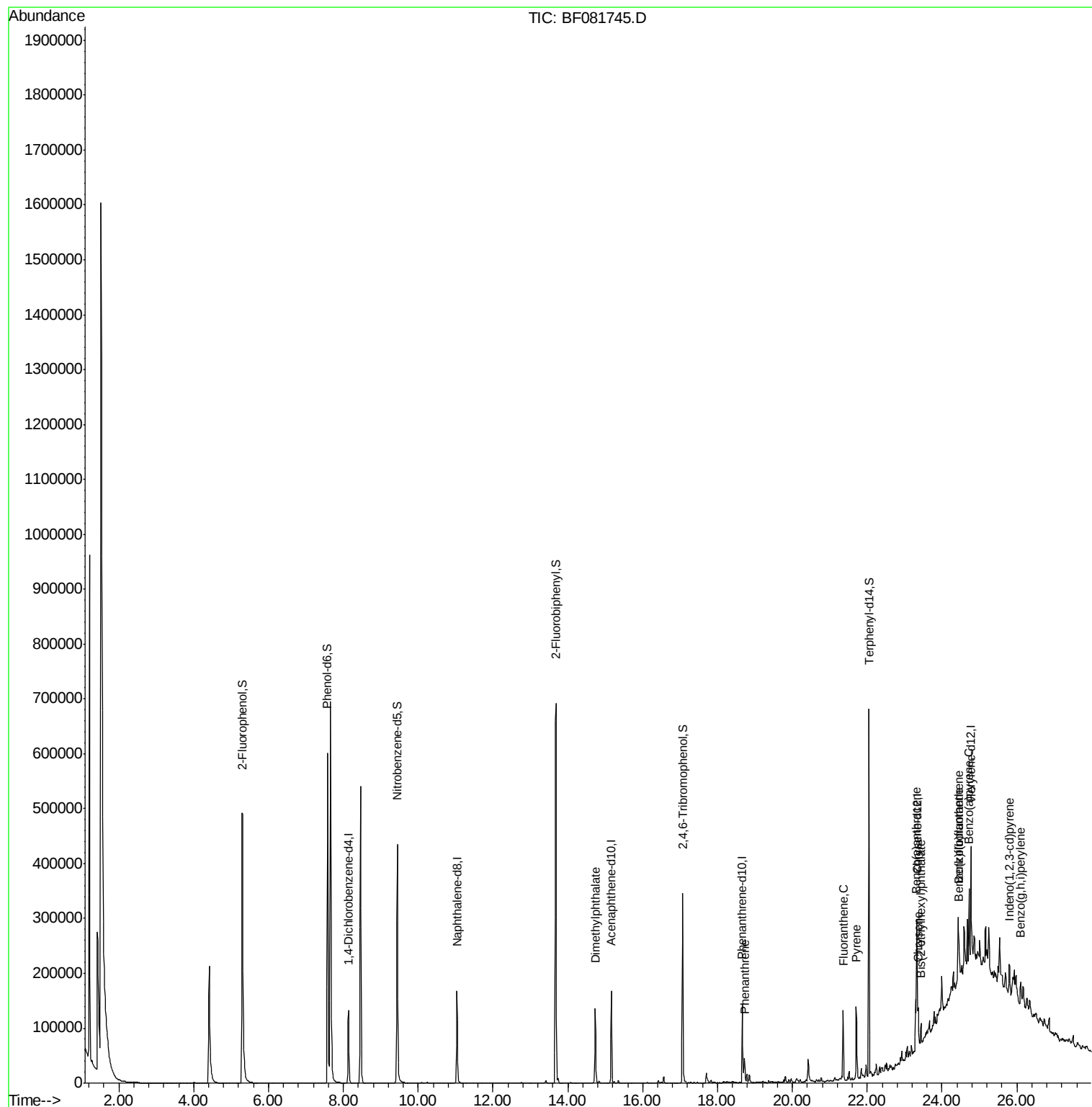
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
Data File : BF081745.D
Acq On : 22 Sep 2015 18:12
Operator : UM/IZ
Sample : G3753-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
SP-2

Manual Integrations
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Quant Time: Sep 23 13:55:25 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 22 17:42:58 2015
Response via : Initial Calibration





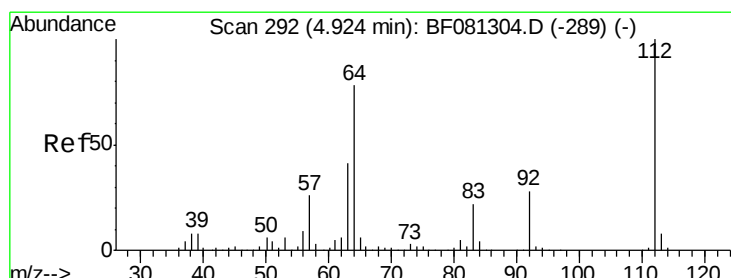
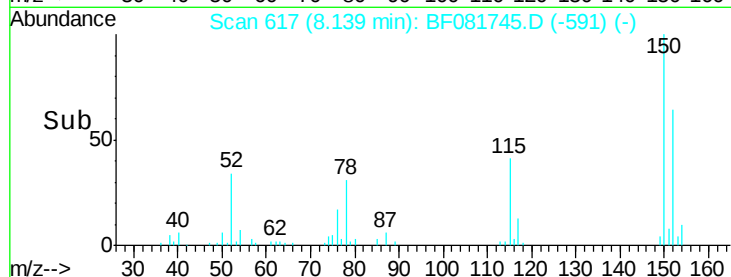
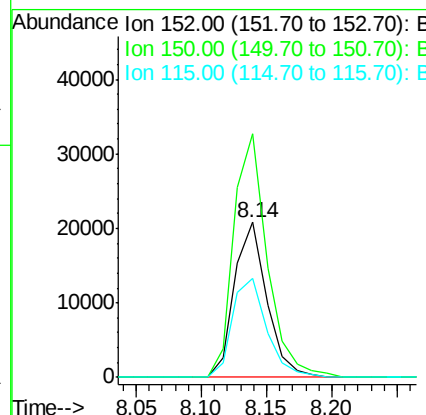
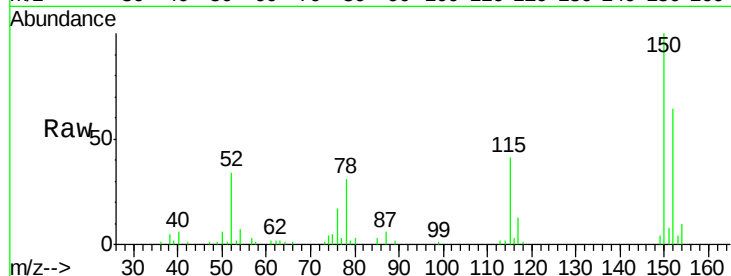
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF081745.D
 Acq: 22 Sep 2015 18:12

Instrument :
 BNA_F
 ClientSampled :
 SP-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.7	187.1
115	64.0	39.0	58.4#

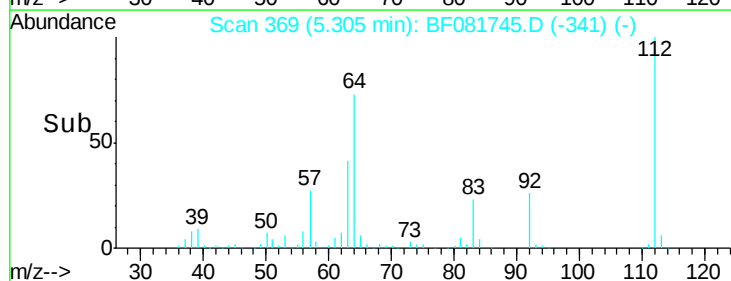
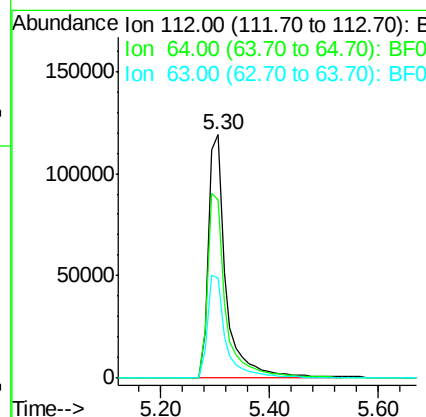
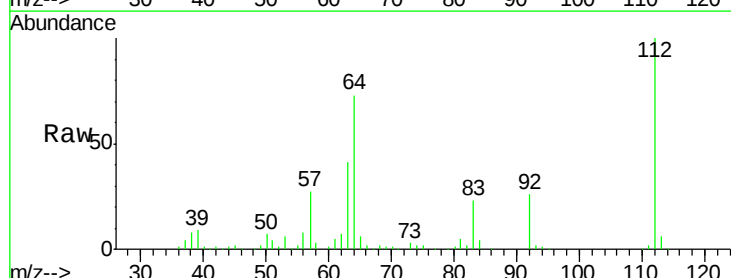
Manual Integrations
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#5
 2-Fluorophenol
 Concen: 115.32 ng
 RT: 5.30 min Scan# 369
 Delta R.T. 0.02 min
 Lab File: BF081745.D
 Acq: 22 Sep 2015 18:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.5	39.7	59.5#
63	41.4	17.4	26.0#





#7

Phenol-d6

Concen: 120.75 ng

RT: 7.58 min Scan# 568

Delta R.T. 0.00 min

Lab File: BF081745.D

Acq: 22 Sep 2015 18:12

Instrument :

BNA_F

ClientSampled :

SP-2

Tot Ion: 99 Resp: 371680

Ion Ratio Lower Upper

99 100

42 25.0 13.7 20.5#

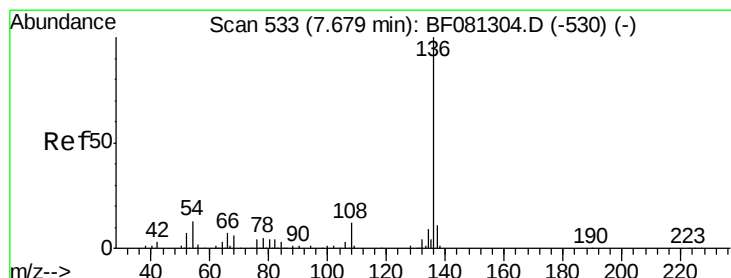
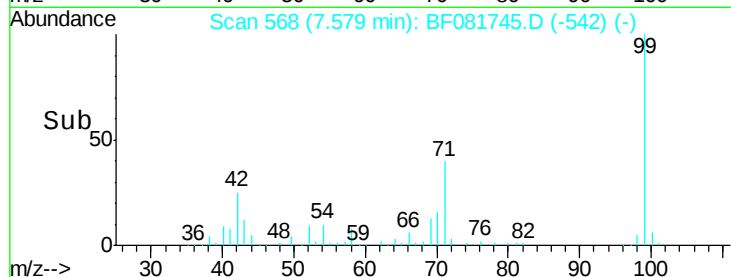
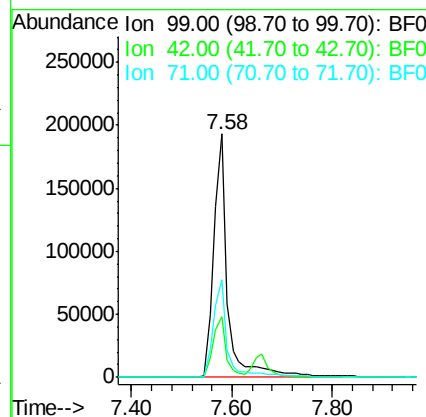
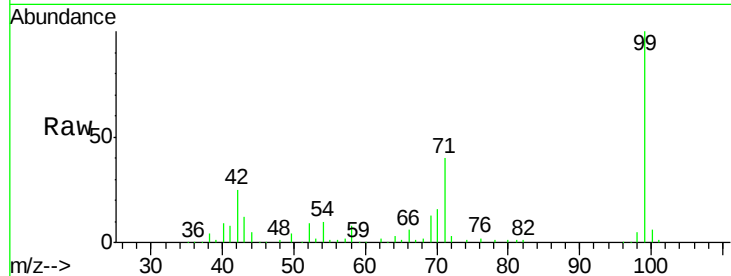
71 39.9 14.2 21.2#

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.03 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF081745.D

Acq: 22 Sep 2015 18:12

Tgt Ion: 136 Resp: 138035

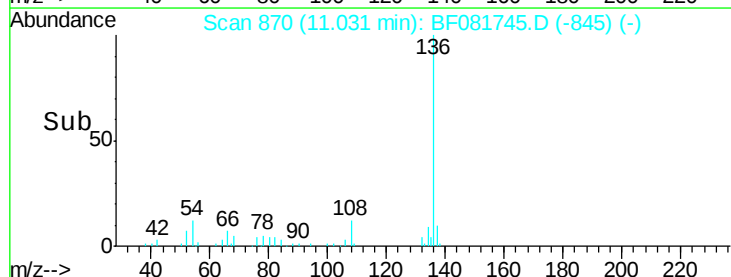
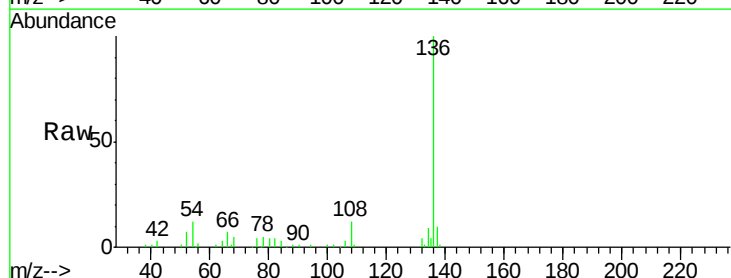
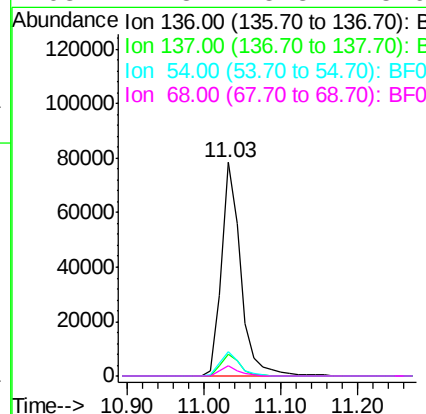
Ion Ratio Lower Upper

136 100

137 10.2 9.0 13.6

54 11.6 8.2 12.2

68 4.8 5.8 8.6#





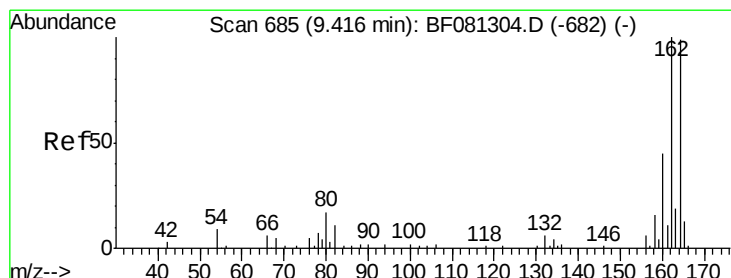
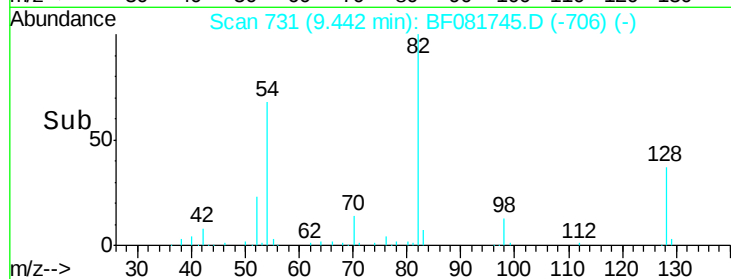
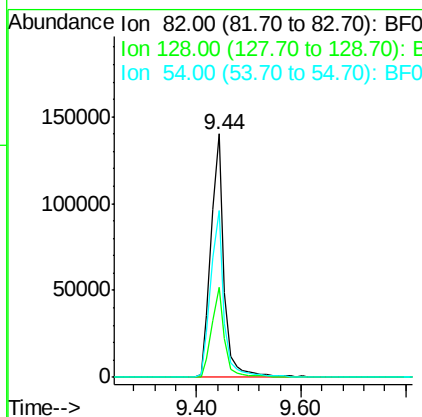
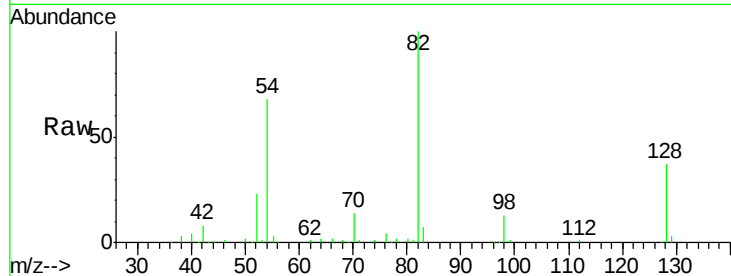
#23
Nitrobenzene-d5
Concen: 86.66 ng
RT: 9.44 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF081745.D
Acq: 22 Sep 2015 18:12

Instrument :
BNA_F
ClientSampleId :
SP-2

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.0	51.0	76.6#
54	68.4	47.5	71.3

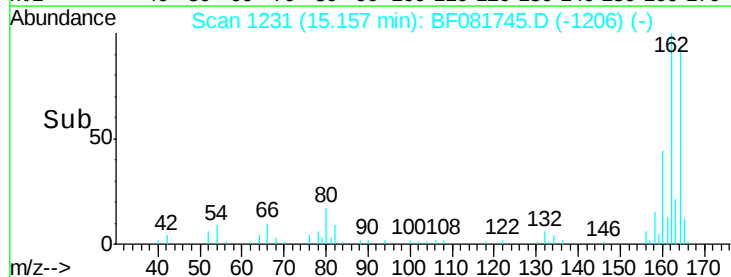
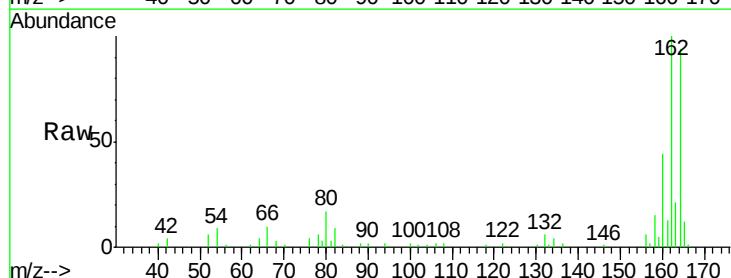
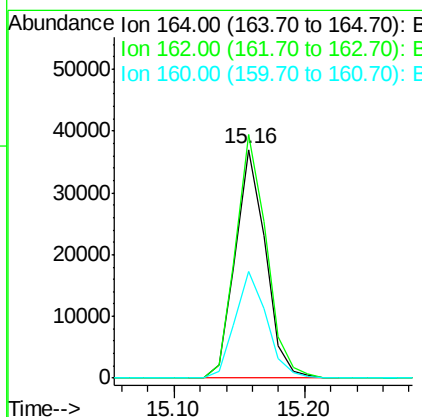
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.16 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF081745.D
Acq: 22 Sep 2015 18:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.4	75.2	112.8
160	46.8	31.5	47.3





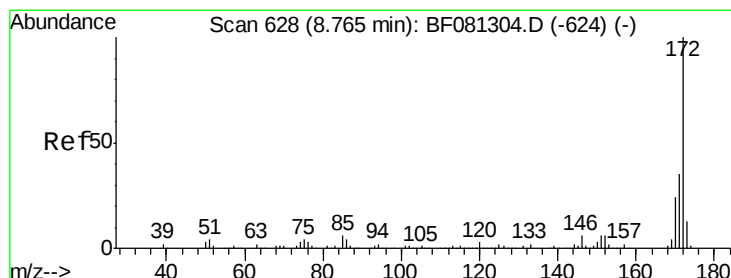
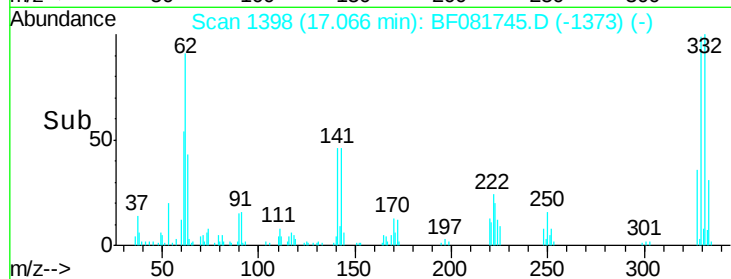
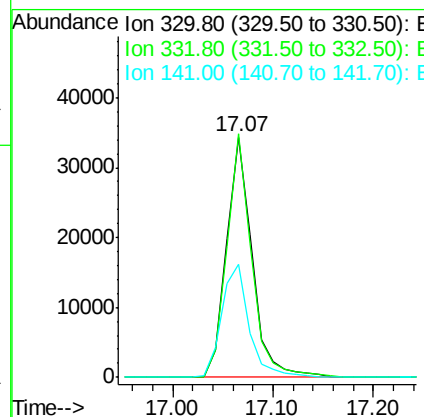
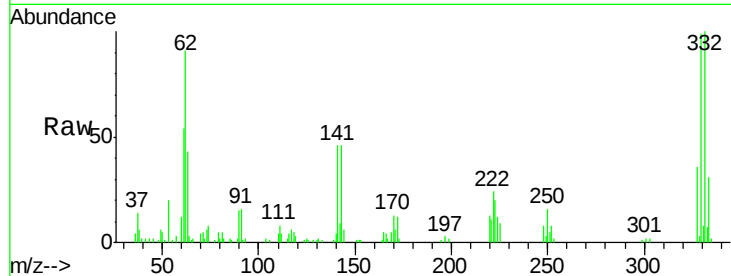
#41
 2,4,6-Tribromophenol
 Concen: 115.75 ng
 RT: 17.07 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF081745.D
 Acq: 22 Sep 2015 18:12

Instrument :
 BNA_F
 ClientSampled :
 SP-2

Tot Ion	Ratio	Resp	Lower	Upper
330	100	61188		
332	97.3	76.6	114.8	
141	50.1	29.7	44.5#	

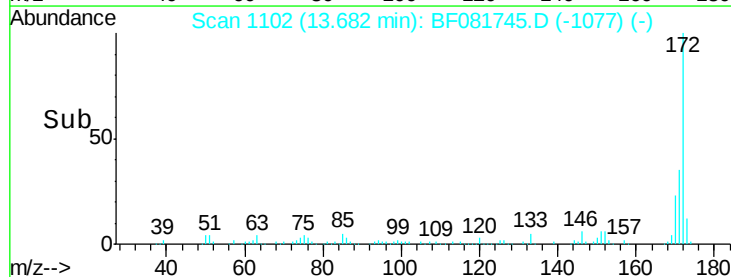
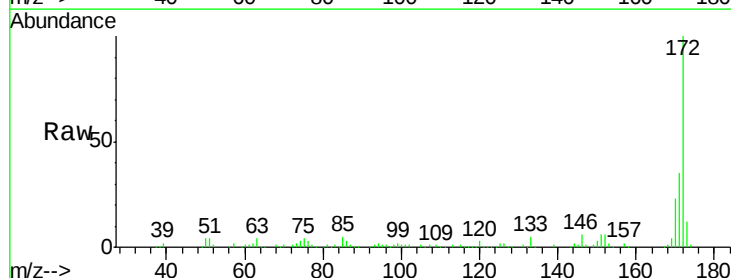
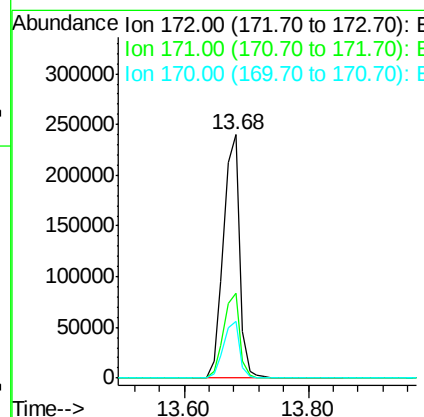
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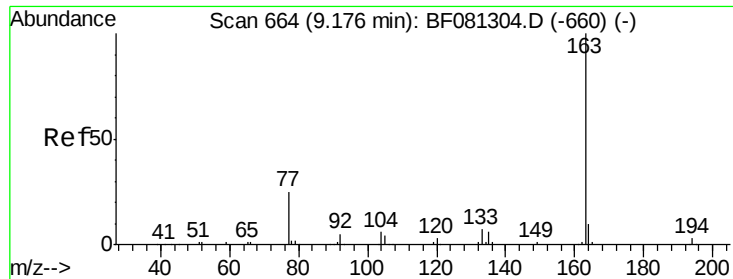
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#44
 2-Fluorobiphenyl
 Concen: 92.79 ng
 RT: 13.68 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BF081745.D
 Acq: 22 Sep 2015 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	429860		
171	34.9	26.1	39.1	
170	23.3	17.4	26.2	





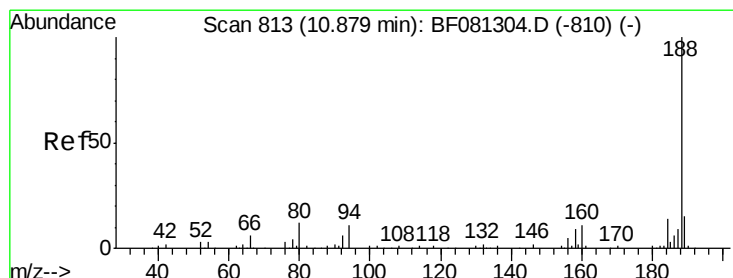
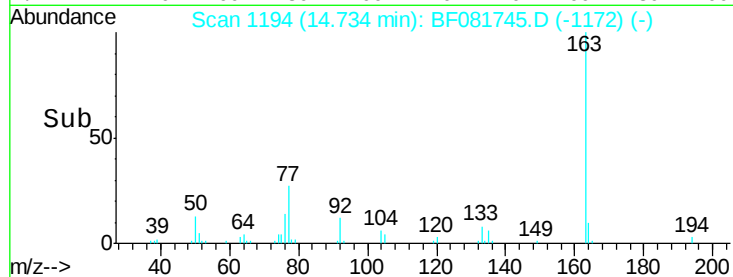
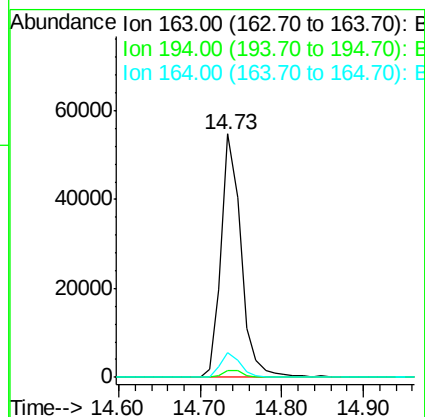
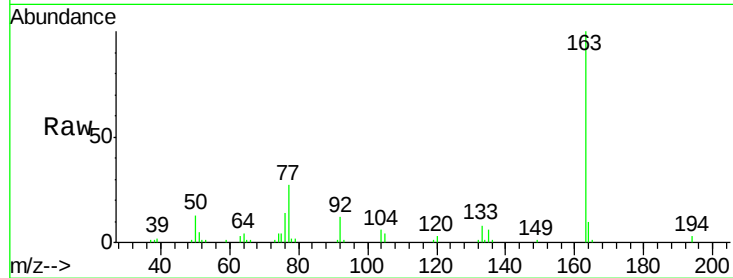
#49
Dimethylphthalate
Concen: 20.19 ng
RT: 14.73 min Scan# 1194
Delta R.T. -0.05 min
Lab File: BF081745.D
Acq: 22 Sep 2015 18:12

Instrument :
BNA_F
ClientSampleId :
SP-2

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.0	4.4	6.6#
164	10.2	8.3	12.5

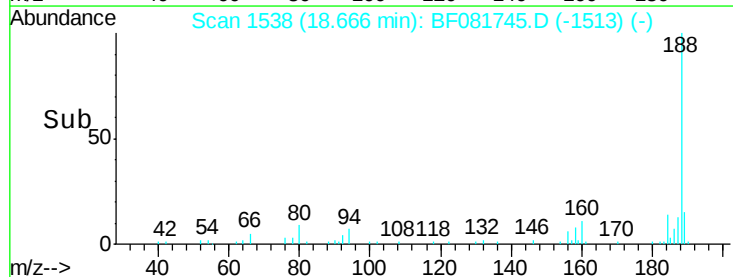
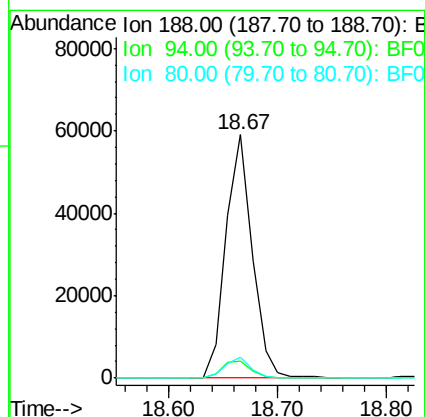
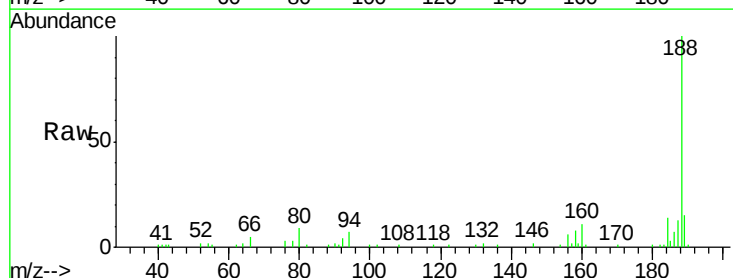
Manual Integrations
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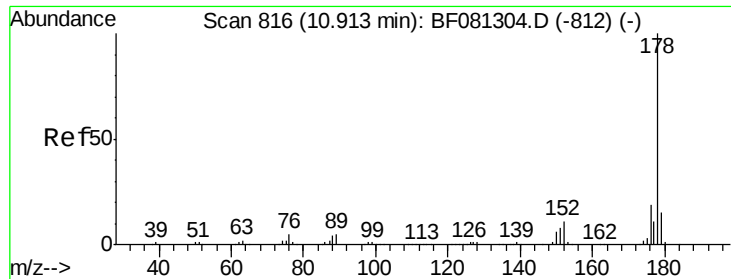
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.67 min Scan# 1538
Delta R.T. -0.01 min
Lab File: BF081745.D
Acq: 22 Sep 2015 18:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.1	11.1	16.7#
80	8.7	11.0	16.4#





#70

Phenanthrene

Concen: 6.82 ng

RT: 18.72 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BF081745.D

Acq: 22 Sep 2015 18:12

Instrument :

BNA_F

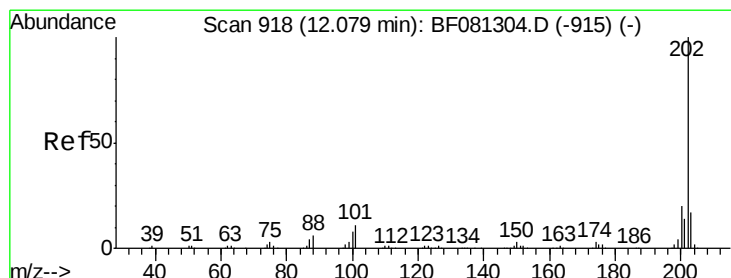
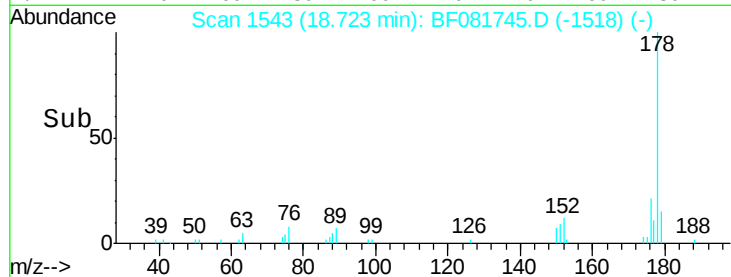
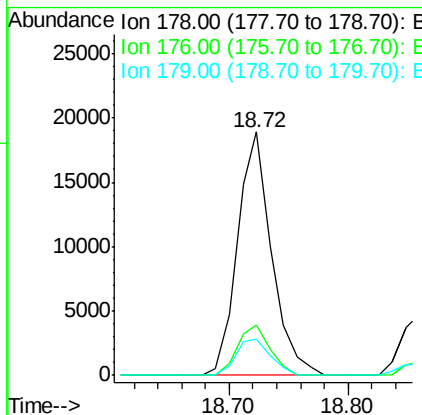
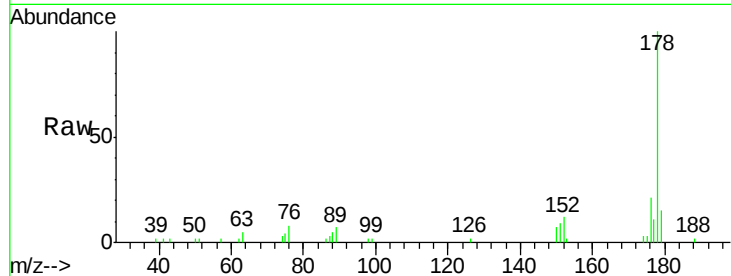
ClientSampled :

SP-2

Tot Ion:	178	Resp:	37618
Ion Ratio	Lower	Upper	
178	100		
176	20.5	13.8	20.8
179	15.0	12.2	18.2

Manual Integrations
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#74

Fluoranthene

Concen: 14.92 ng

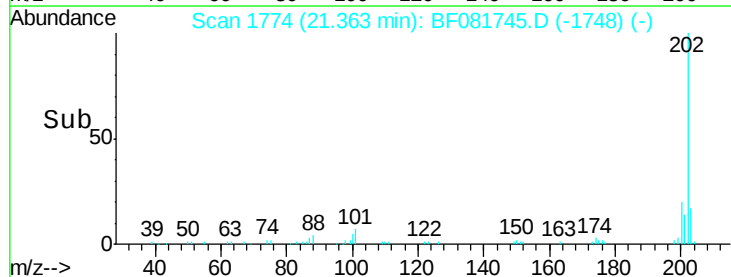
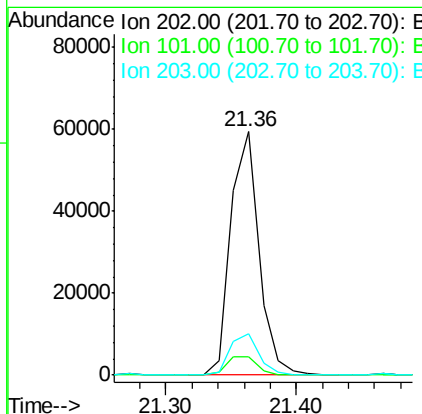
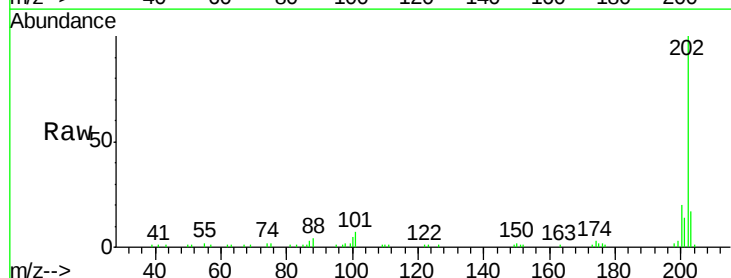
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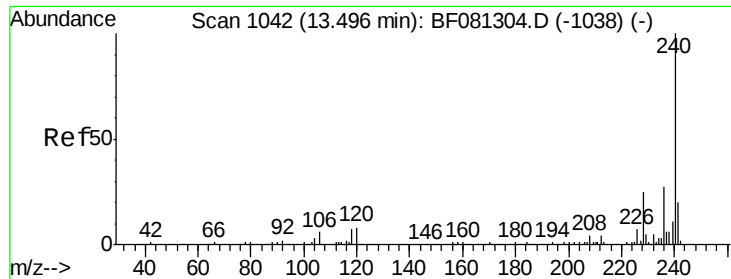
Delta R.T. 0.00 min

Lab File: BF081745.D

Acq: 22 Sep 2015 18:12

Tgt Ion:	202	Resp:	89039
Ion Ratio	Lower	Upper	
202	100		
101	7.4	0.0	38.3
203	17.2	0.0	37.3





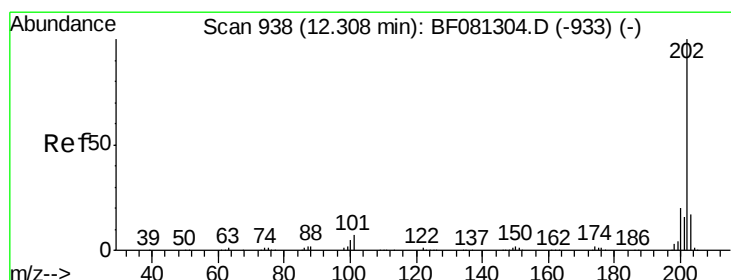
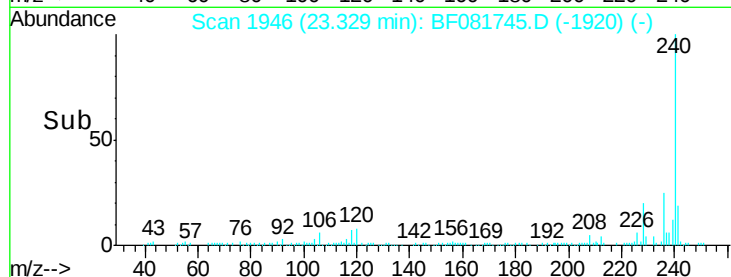
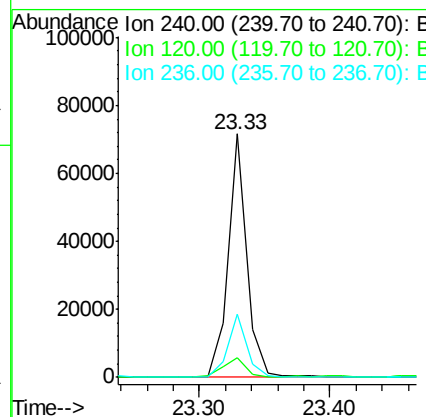
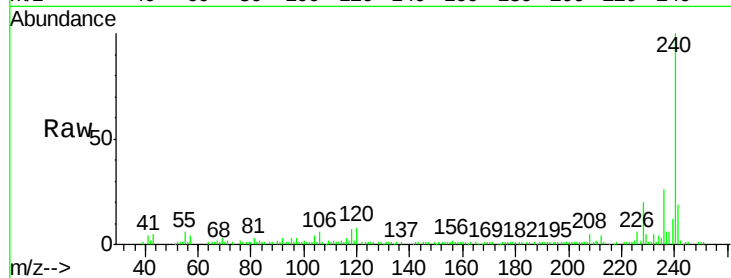
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 23.33 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: BF081745.D
 Acq: 22 Sep 2015 18:12

Instrument :
 BNA_F
 ClientSampled :
 SP-2

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.1	16.2	24.2#
236	26.0	18.4	27.6

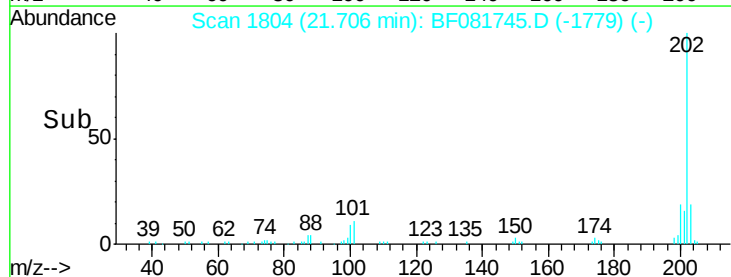
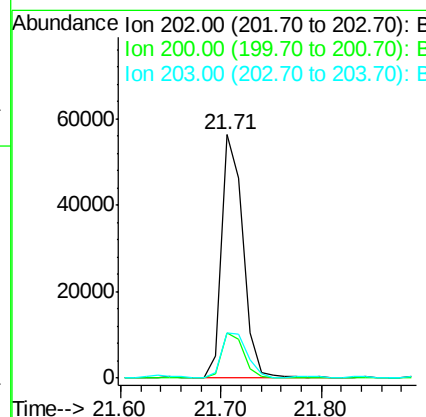
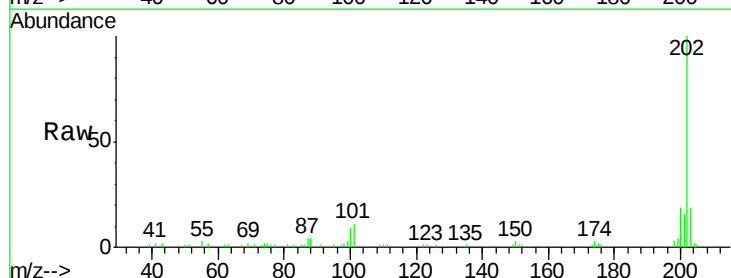
Manual Integrations
 APPROVED

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#77
 Pyrene
 Concen: 15.75 ng
 RT: 21.71 min Scan# 1804
 Delta R.T. -0.01 min
 Lab File: BF081745.D
 Acq: 22 Sep 2015 18:12

Tgt Ion	Ratio	Lower	Upper
202	100		
200	18.8	15.0	22.4
203	18.8	14.1	21.1





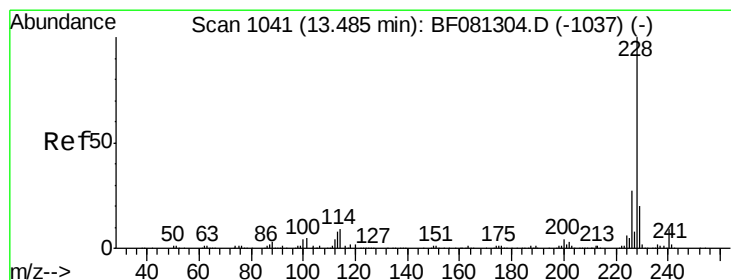
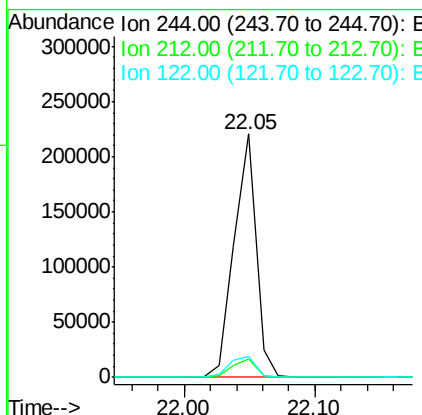
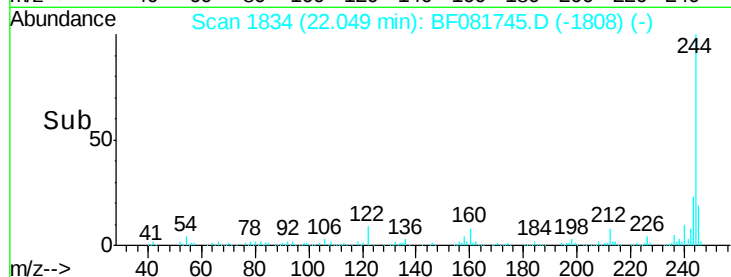
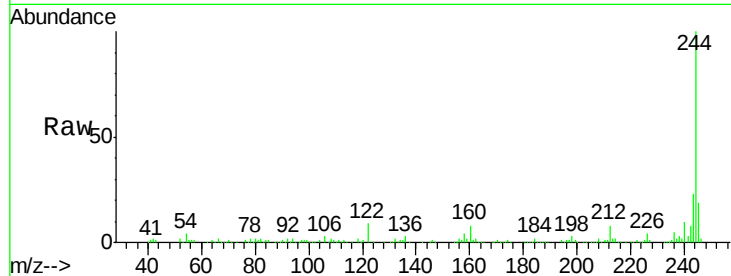
#78
 Terphenyl-d14
 Concen: 84.63 ng
 RT: 22.05 min Scan# 1834
 Delta R.T. 0.00 min
 Lab File: BF081745.D
 Acq: 22 Sep 2015 18:12

Instrument :
 BNA_F
 ClientSampled :
 SP-2

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	4.3	6.5#
122	8.8	17.4	26.2#

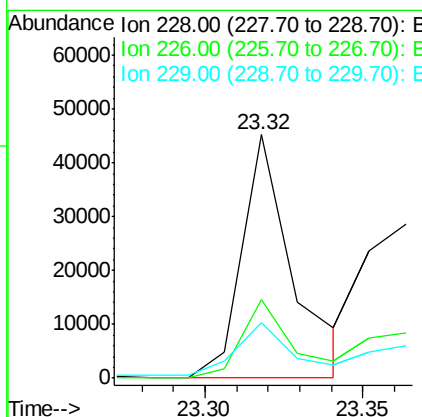
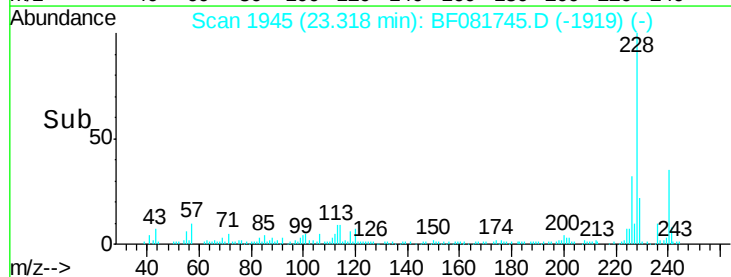
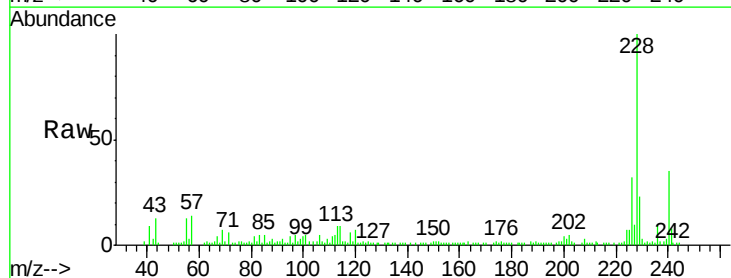
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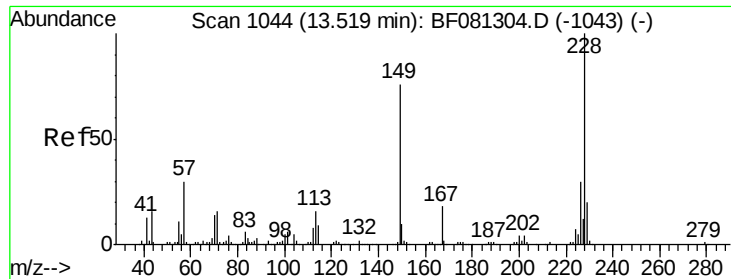
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#80
 Benzo(a)anthracene
 Concen: 11.11 ng m
 RT: 23.32 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: BF081745.D
 Acq: 22 Sep 2015 18:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.4	20.0	30.0#
229	22.6	15.4	23.2





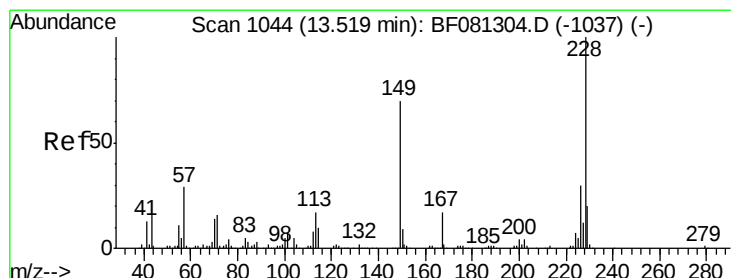
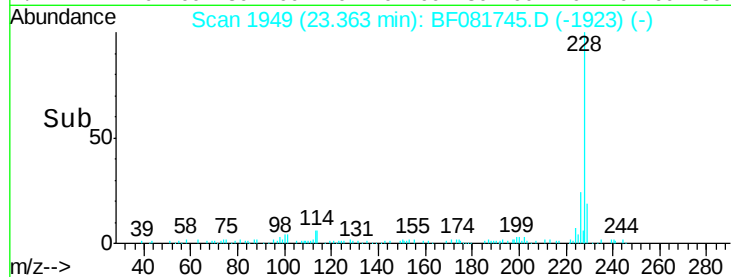
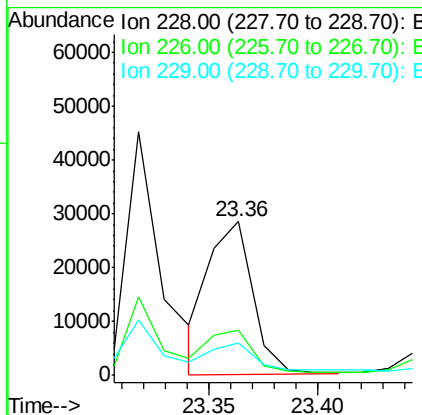
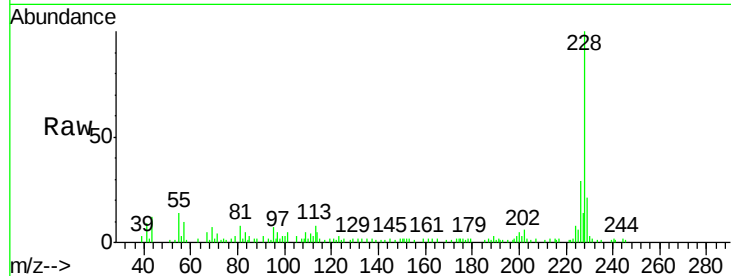
#82
 Chrysene
 Concen: 9.89 ng
 RT: 23.36 min Scan# 1949
 Delta R.T. 0.00 min
 Lab File: BF081745.D
 Acq: 22 Sep 2015 18:12

Instrument :
 BNA_F
 ClientSampled :
 SP-2

Tot Ion:228	Resp:	40201
Ion Ratio	Lower	Upper
228 100		
226 29.3	21.0	31.4
229 21.1	15.6	23.4

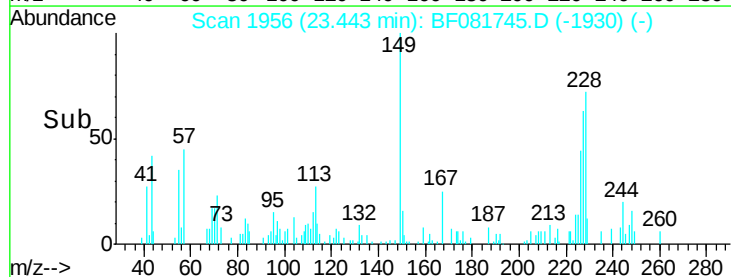
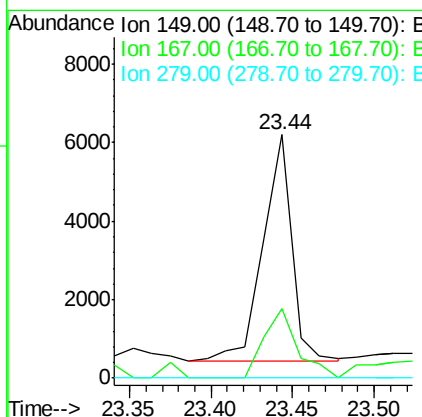
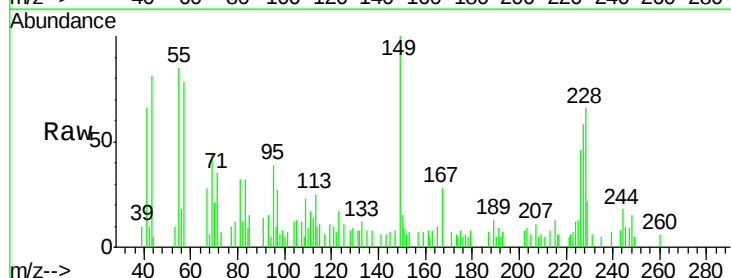
Manual Integrations
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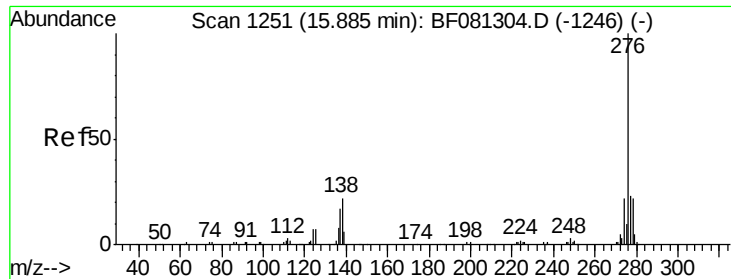
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.37 ng
 RT: 23.44 min Scan# 1956
 Delta R.T. 0.00 min
 Lab File: BF081745.D
 Acq: 22 Sep 2015 18:12

Tgt Ion:149	Resp:	7181
Ion Ratio	Lower	Upper
149 100		
167 28.4	24.2	36.2
279 0.0	3.8	5.6#





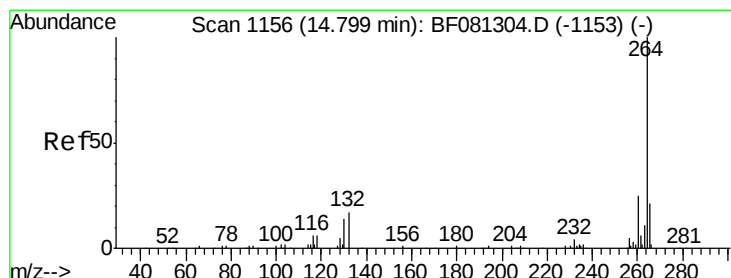
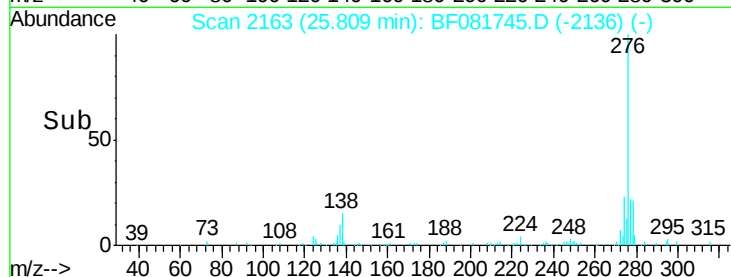
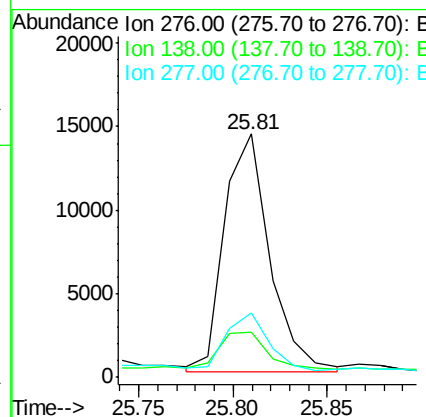
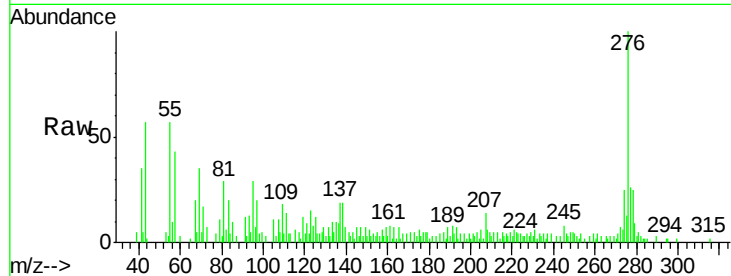
#85
Indeno(1,2,3-cd)pyrene
Concen: 7.99 ng/mL
RT: 25.81 min Scan# 2163
Delta R.T. 0.01 min
Lab File: BF081745.D
Acq: 22 Sep 2015 18:12

Instrument :
BNA_F
ClientSampleId :
SP-2

Tot Ion	Ratio	Lower	Upper
276	100		
138	5.9	25.7	38.5#
277	3.6	15.6	23.4#

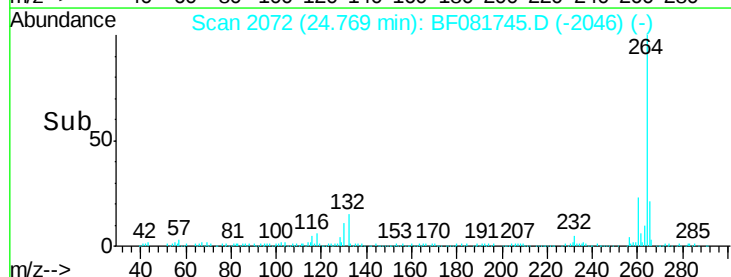
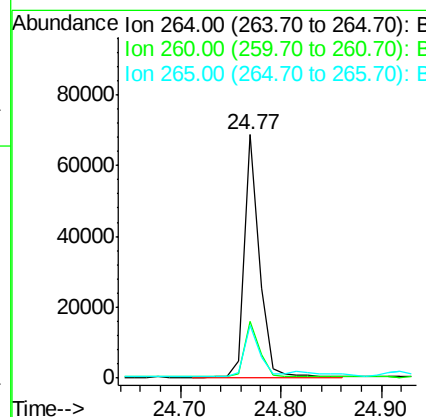
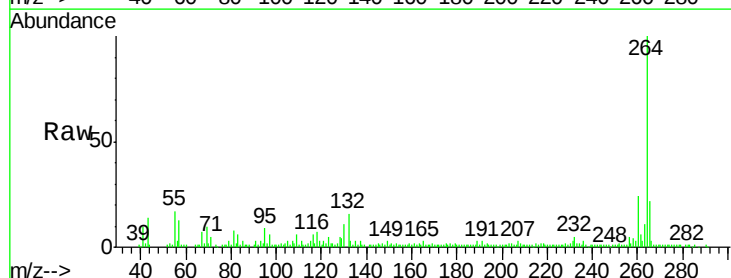
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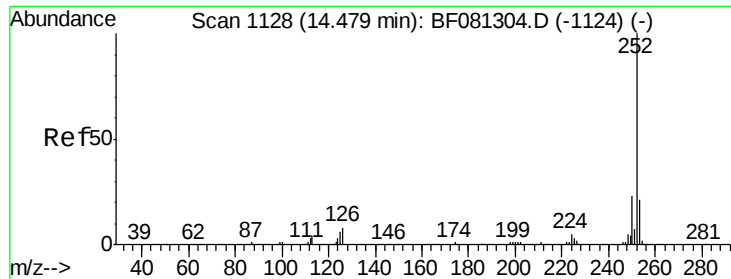
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#86
Perylene-d12
Concen: 20.00 ng
RT: 24.77 min Scan# 2072
Delta R.T. 0.00 min
Lab File: BF081745.D
Acq: 22 Sep 2015 18:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	16.7	25.1
265	21.9	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 11.82 ng m

RT: 24.44 min Scan# 2043

Delta R.T. 0.01 min

Lab File: BF081745.D

Acq: 22 Sep 2015 18:12

Instrument :

BNA_F

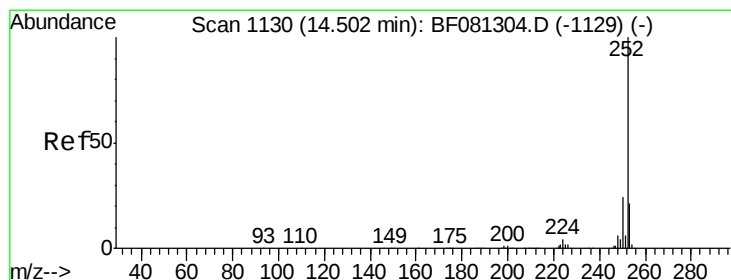
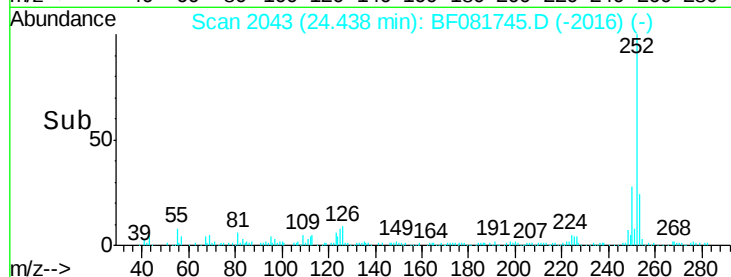
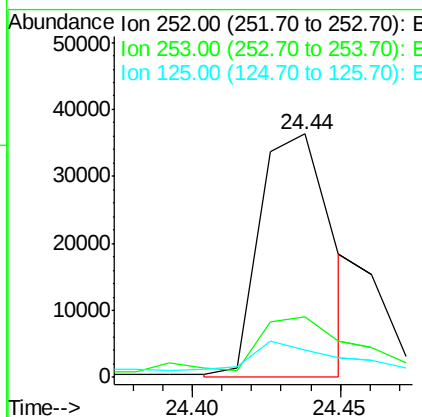
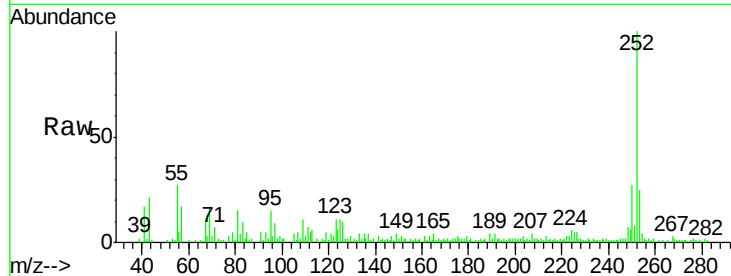
ClientSampled :

SP-2

Tot Ion:	252	Resp:	61571
Ion Ratio	Lower	Upper	
252	100		
253	24.9	17.5	26.3
125	11.4	17.1	25.7#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 3.23 ng m

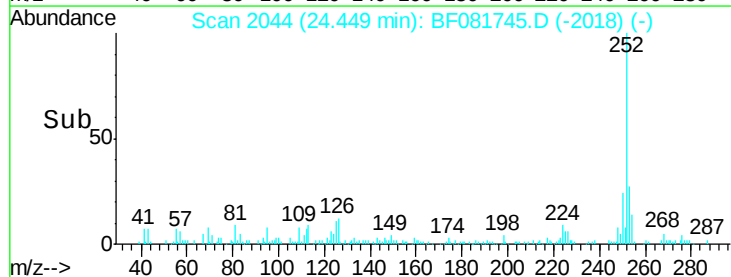
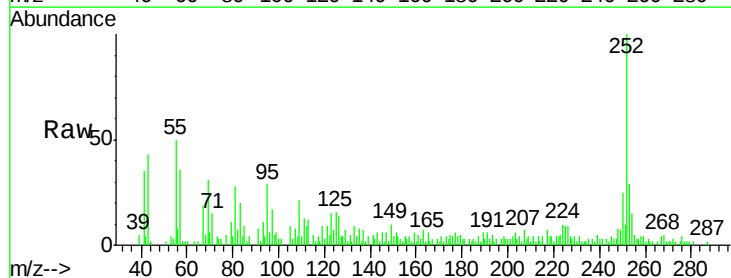
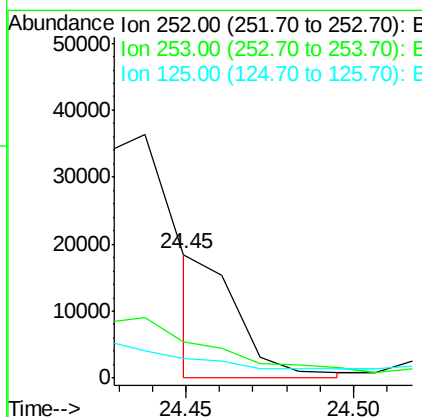
RT: 24.45 min Scan# 2044

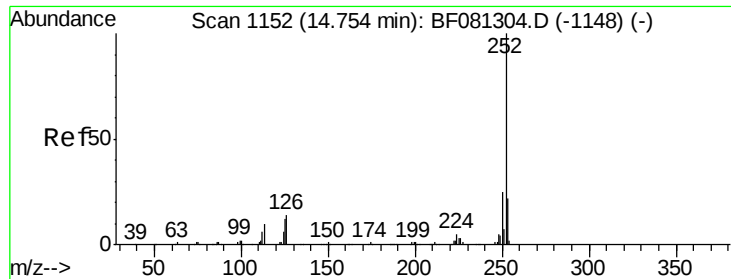
Delta R.T. 0.00 min

Lab File: BF081745.D

Acq: 22 Sep 2015 18:12

Tgt Ion:	252	Resp:	13966
Ion Ratio	Lower	Upper	
252	100		
253	29.0	17.0	25.4#
125	15.6	16.0	24.0#





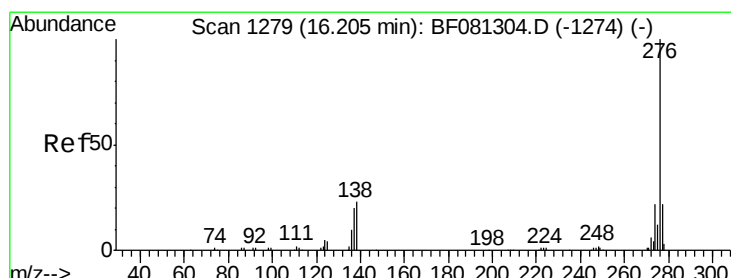
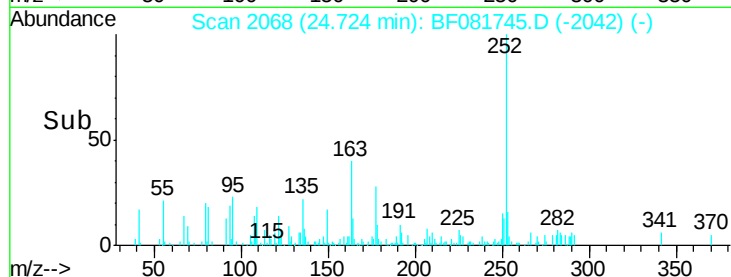
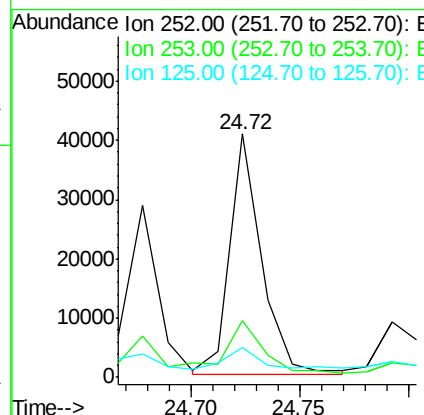
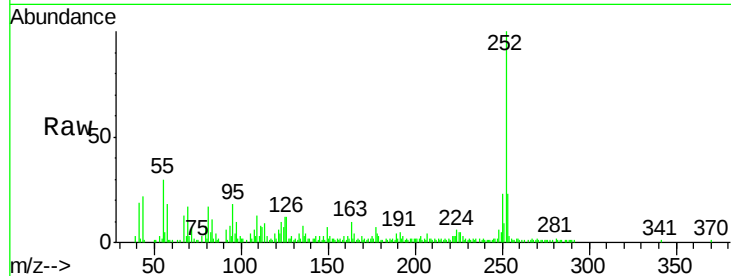
#89
Benzo(a)pyrene
Concen: 9.29 ng
RT: 24.72 min Scan# 2068
Delta R.T. 0.00 min
Lab File: BF081745.D
Acq: 22 Sep 2015 18:12

Instrument :
BNA_F
ClientSampled :
SP-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	12.2	18.0	27.0

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 7.45 ng
RT: 26.11 min Scan# 2189
Delta R.T. 0.02 min
Lab File: BF081745.D
Acq: 22 Sep 2015 18:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.8	17.8	26.6
138	18.1	34.6	51.8

