Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
Data File : BF081636.D
Acq On : 15 Sep 2015 19:12
Operator : UM/IZ
Sample : G3619-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
H1-H2-H3-H4-H5-COMP

Manual Integrations APPROVED
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9/16/2015 1:24:03 PM

Quant Time: Sep 16 01:26:18 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 14:03:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	47760	20.00	ng		-0.01
21) Naphthalene-d8	11.11	136	189899	20.00	ng		-0.01
38) Acenaphthene-d10	15.25	164	85299	20.00	ng		-0.01
63) Phenanthrene-d10	18.76	188	159163	20.00	ng		0.00
75) Chrysene-d12	23.38	240	108979	20.00	ng		0.00
86) Perylene-d12	24.81	264	84761	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	294938	95.81	ng		0.02
7) Phenol-d6	7.63	99	418388	102.68	ng		-0.01
23) Nitrobenzene-d5	9.51	82	276551	70.26	ng		-0.02
41) 2,4,6-Tribromophenol	17.16	330	74749	98.42	ng		-0.01
44) 2-Fluorobiphenyl	13.76	172	463939	69.70	ng		-0.01
78) Terphenyl-d14	22.10	244	341841	73.02	ng		-0.01
Target Compounds							Qvalue
49) Dimethylphthalate	14.81	163	119586	18.04	ng	#	97
70) Phenanthrene	18.80	178	92426	10.45	ng		98
74) Fluoranthene	21.43	202	144122	15.05	ng		86
77) Pyrene	21.77	202	152900	18.94	ng		99
80) Benzo(a)anthracene	23.37	228	64529	9.30	ng		97
82) Chrysene	23.41	228	61400	9.87	ng		94
85) Indeno(1,2,3-cd)pyrene	25.86	276	22157	4.85	ng	#	79
87) Benzo(b)fluoranthene	24.48	252	70377m	11.63	ng		
88) Benzo(k)fluoranthene	24.49	252	12228m	2.44	ng		
89) Benzo(a)pyrene	24.77	252	48804	9.52	ng	#	83
91) Benzo(g,h,i)perylene	26.16	276	19949	5.28	ng	#	73

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

Quantitation Report (LSC Reviewed)

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BNA_F
ClientSampleId :
H1-H2-H3-H4-H5-COMP

Manual Integrations APPROVED
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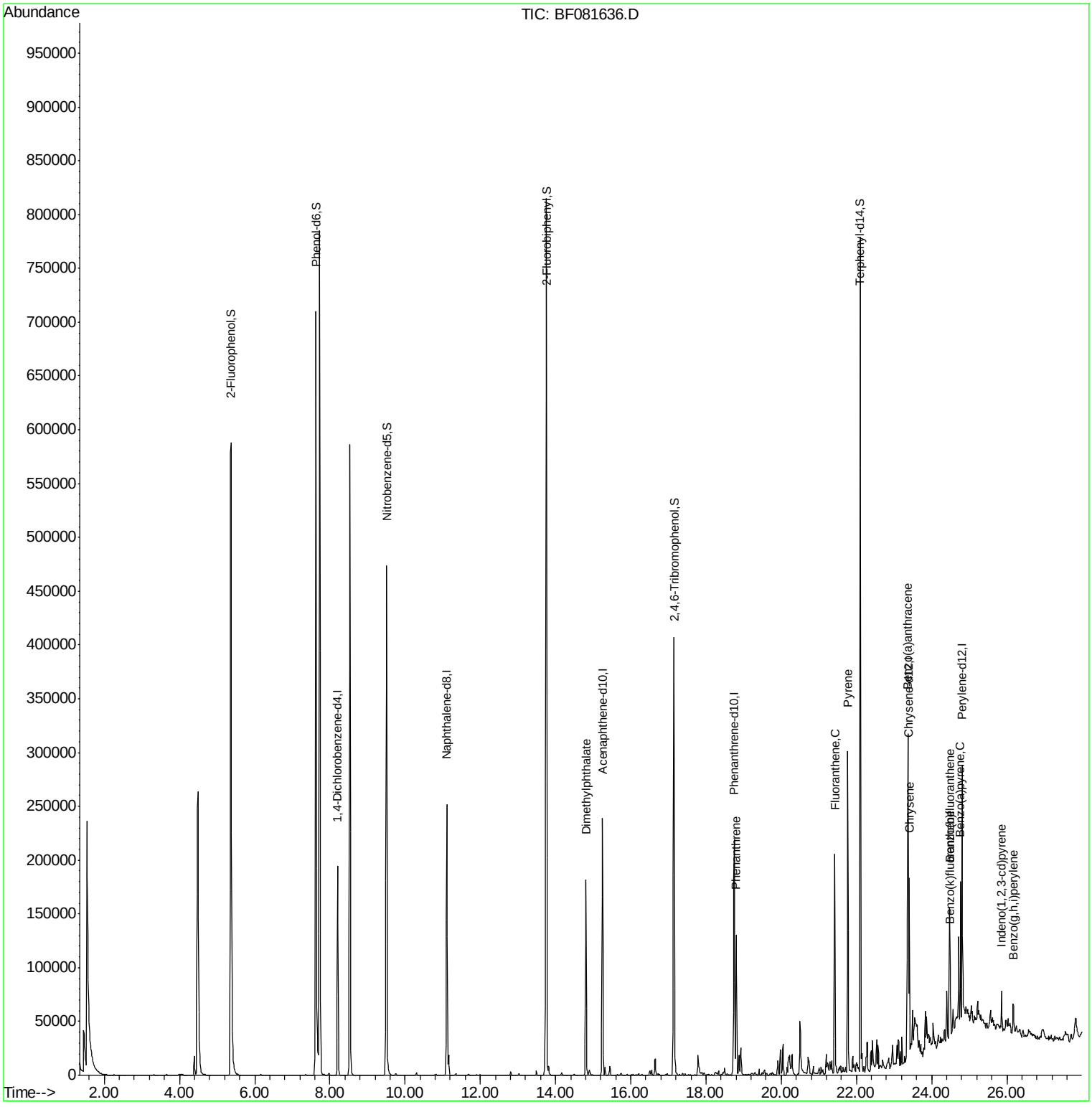
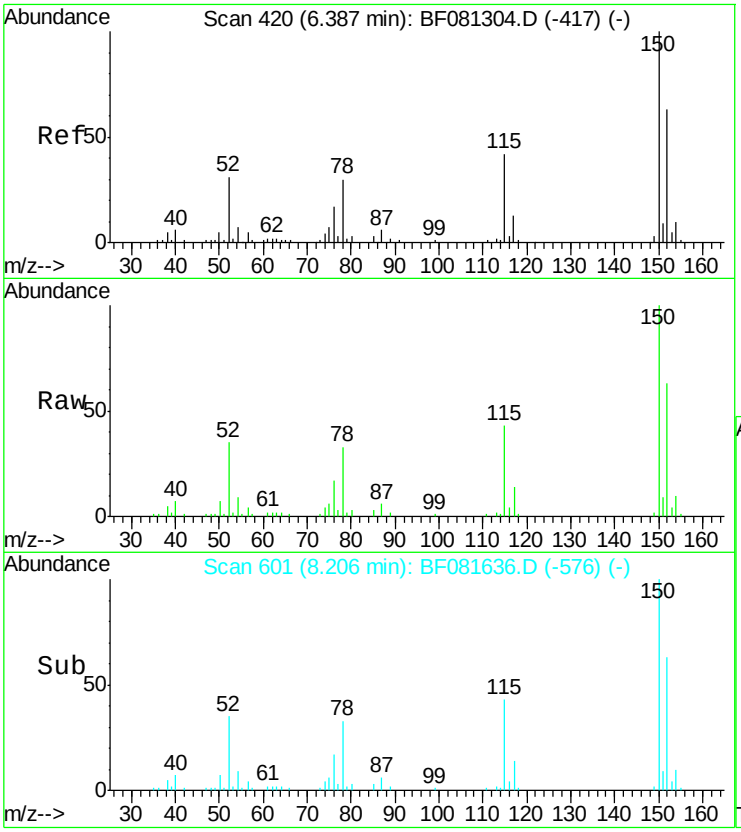
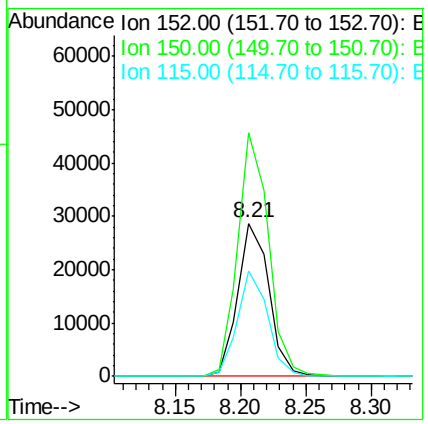




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 601
Delta R.T. -0.01 min
Lab File: BF081636.D
Acq: 15 Sep 2015 19:12

Tgt Ion:152 Resp: 47760

Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.7	187.1
115	69.0	39.0	58.4#



Instrument :
BNA_F
ClientSampleId :
H1-H2-H3-H4-H5-COMP

Manual Integrations APPROVED
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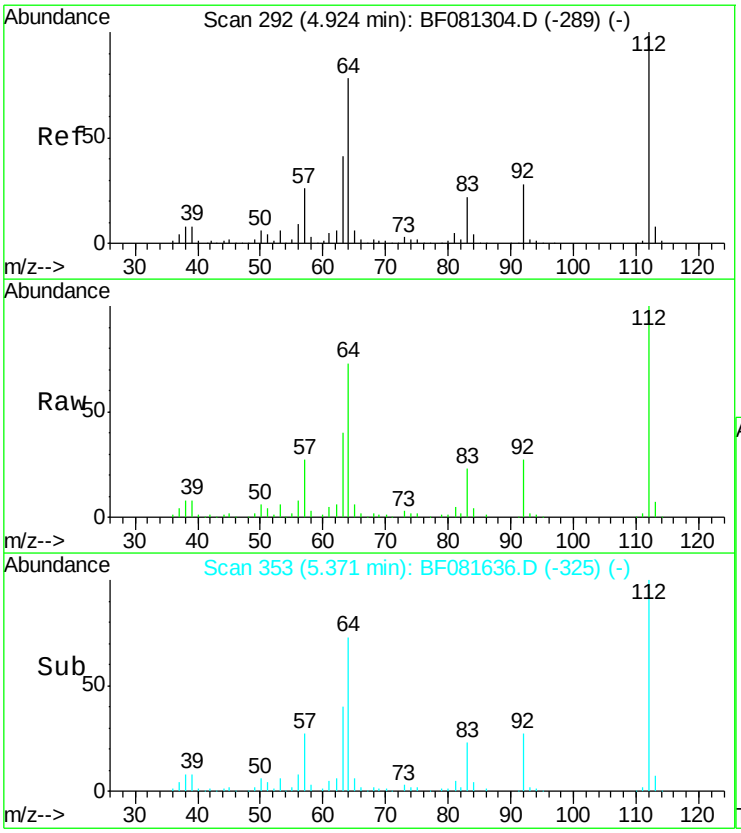
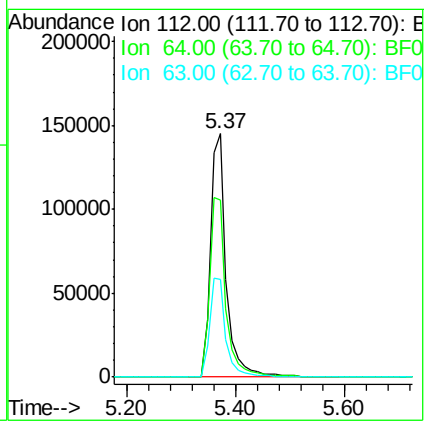
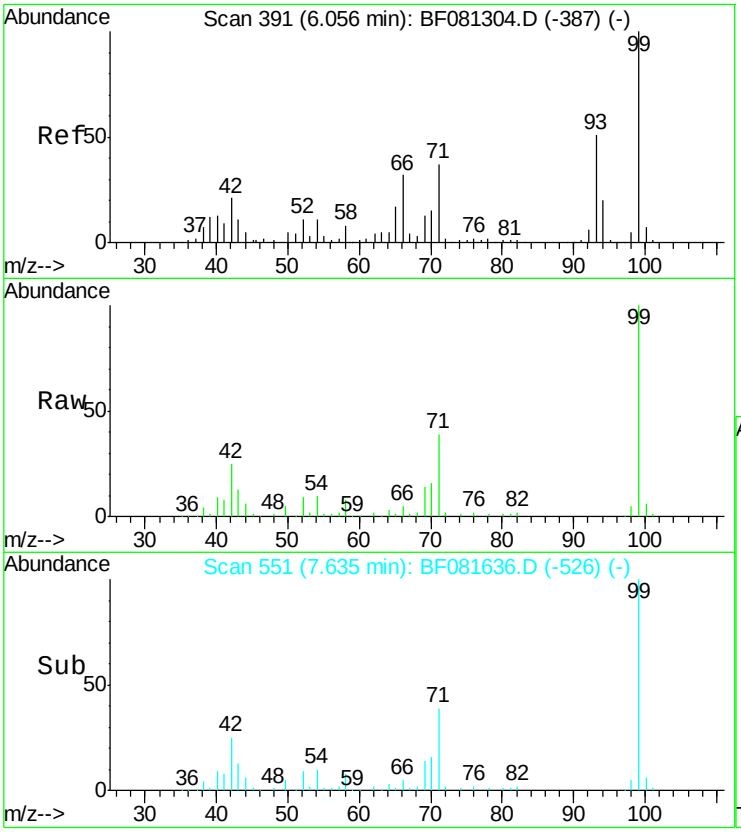


#5
2-Fluorophenol
Concen: 95.81 ng
RT: 5.37 min Scan# 353
Delta R.T. 0.02 min
Lab File: BF081636.D
Acq: 15 Sep 2015 19:12

Tgt Ion:112 Resp: 294938

Ion	Ratio	Lower	Upper
112	100		
64	72.7	39.7	59.5#
63	40.3	17.4	26.0#





#7
Phenol-d6
Concen: 102.68 ng
RT: 7.63 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF081636.D
Acq: 15 Sep 2015 19:12

Tgt Ion: 99 Resp: 418388

Ion	Ratio	Lower	Upper
99	100		
42	24.7	13.7	20.5#
71	39.1	14.2	21.2#

Instrument :
BNA_F
ClientSampleId :
H1-H2-H3-H4-H5-COMP

Manual Integrations APPROVED
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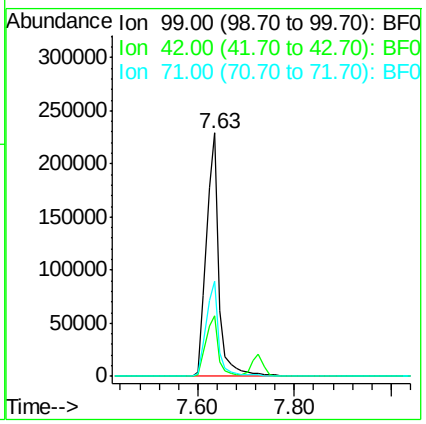
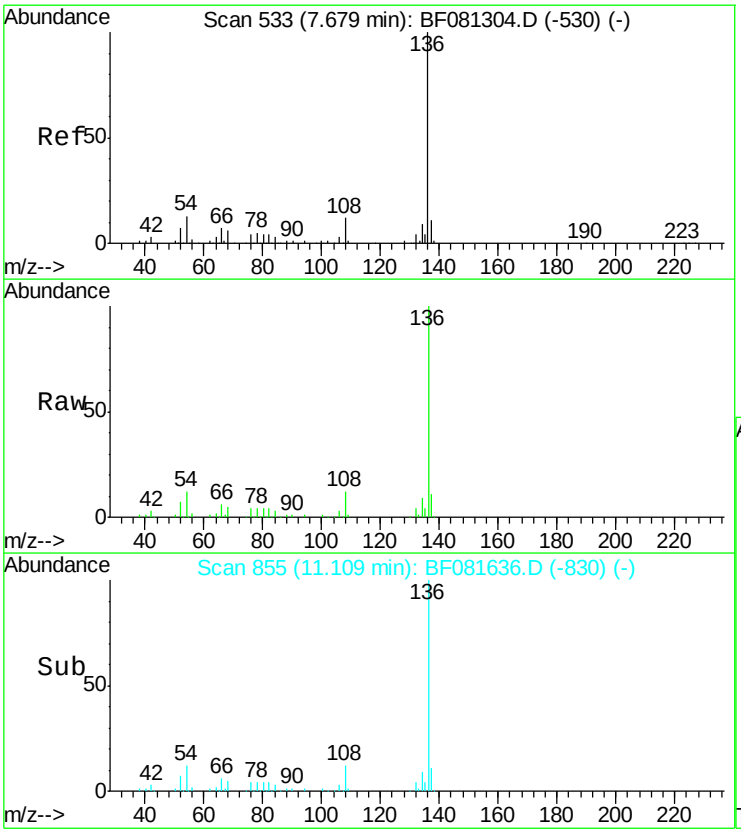
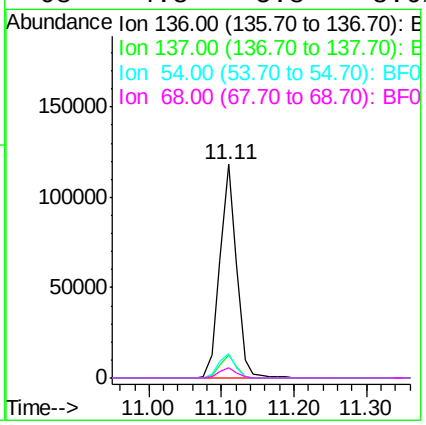


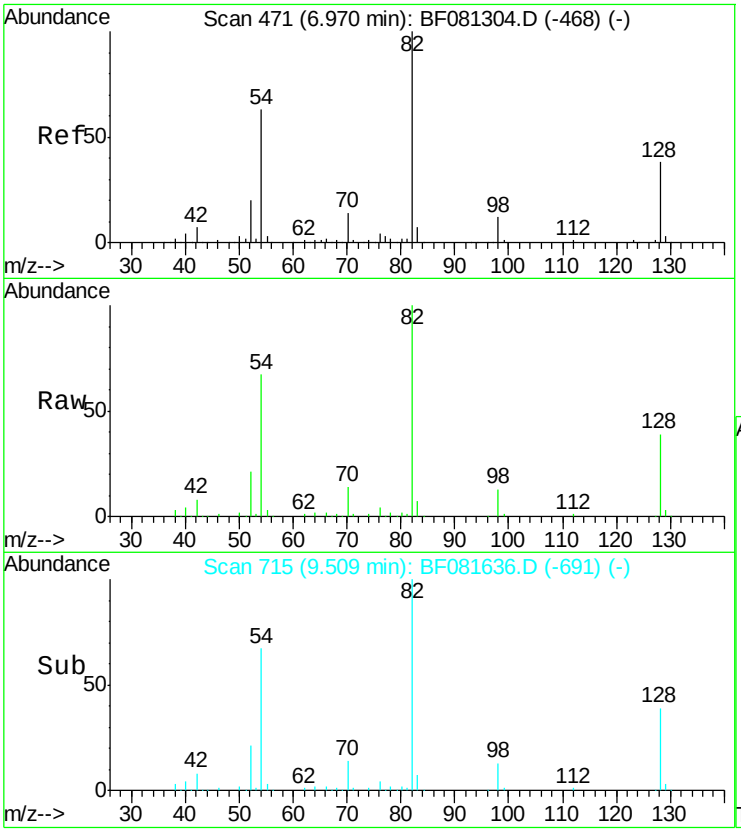


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.11 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF081636.D
Acq: 15 Sep 2015 19:12

Tgt Ion:136 Resp: 189899

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	11.5	8.2	12.2
68	4.8	5.8	8.6#

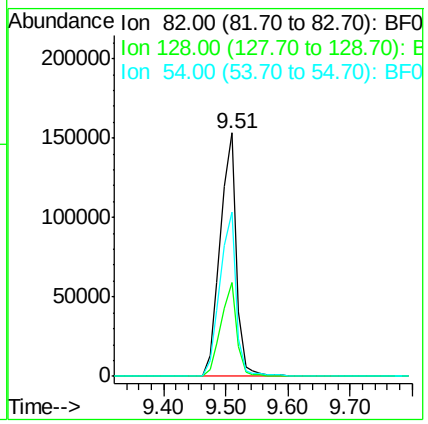




#23
Nitrobenzene-d5
Concen: 70.26 ng
RT: 9.51 min Scan# 715
Delta R.T. -0.02 min
Lab File: BF081636.D
Acq: 15 Sep 2015 19:12

Tgt Ion: 82 Resp: 276551

Ion	Ratio	Lower	Upper
82	100		
128	38.7	51.0	76.6#
54	67.4	47.5	71.3



Instrument :
BNA_F
ClientSampleId :
H1-H2-H3-H4-H5-COMP

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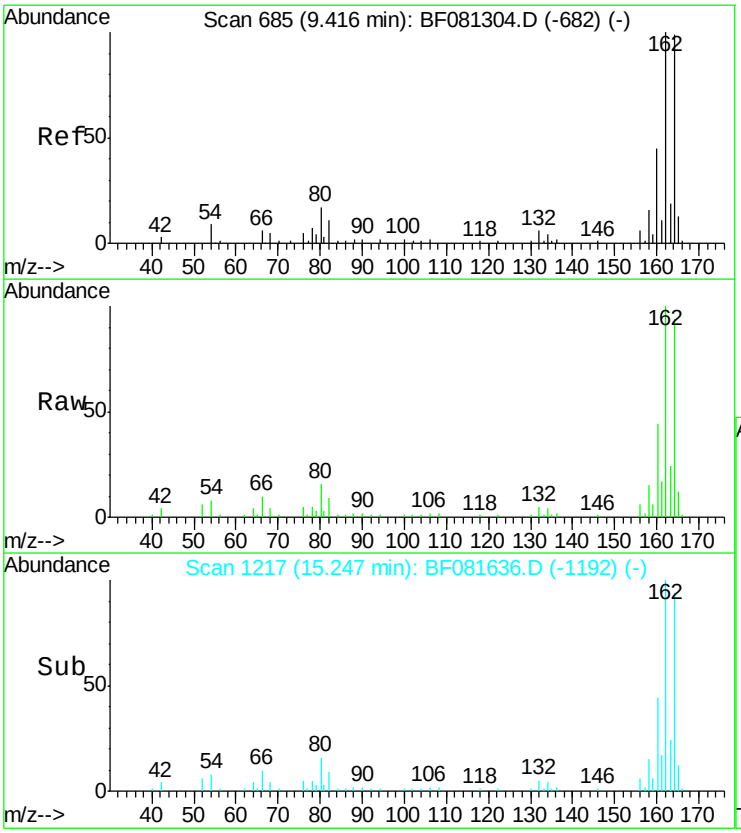
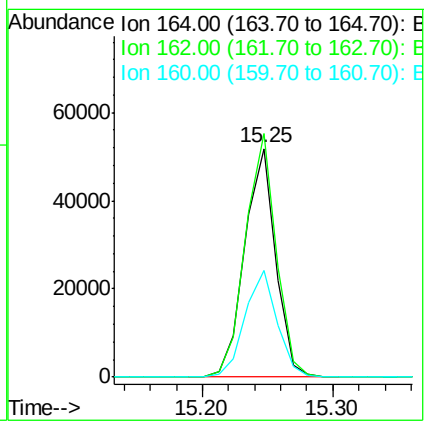
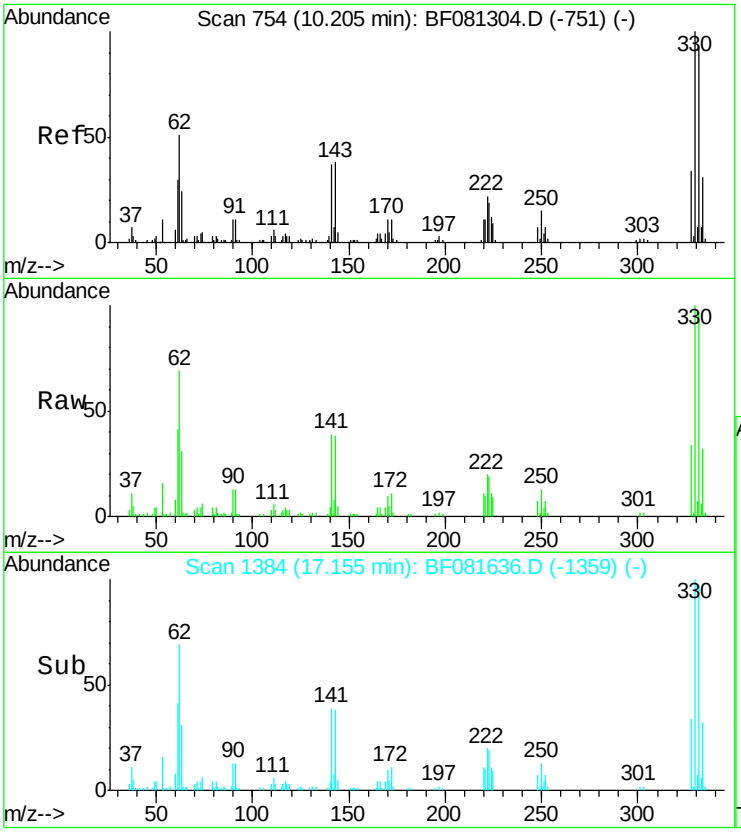


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF081636.D
Acq: 15 Sep 2015 19:12

Tgt Ion:164 Resp: 85299

Ion	Ratio	Lower	Upper
164	100		
162	106.5	75.2	112.8
160	46.4	31.5	47.3





#41
2,4,6-Tribromophenol
Concen: 98.42 ng
RT: 17.16 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF081636.D
Acq: 15 Sep 2015 19:12

Tgt Ion:330 Resp: 74749

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	114.8
141	49.0	29.7	44.5#

Instrument :
BNA_F
ClientSampleId :
H1-H2-H3-H4-H5-COMP

Manual Integrations APPROVED
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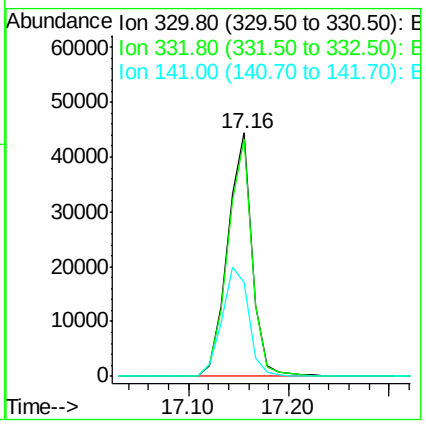
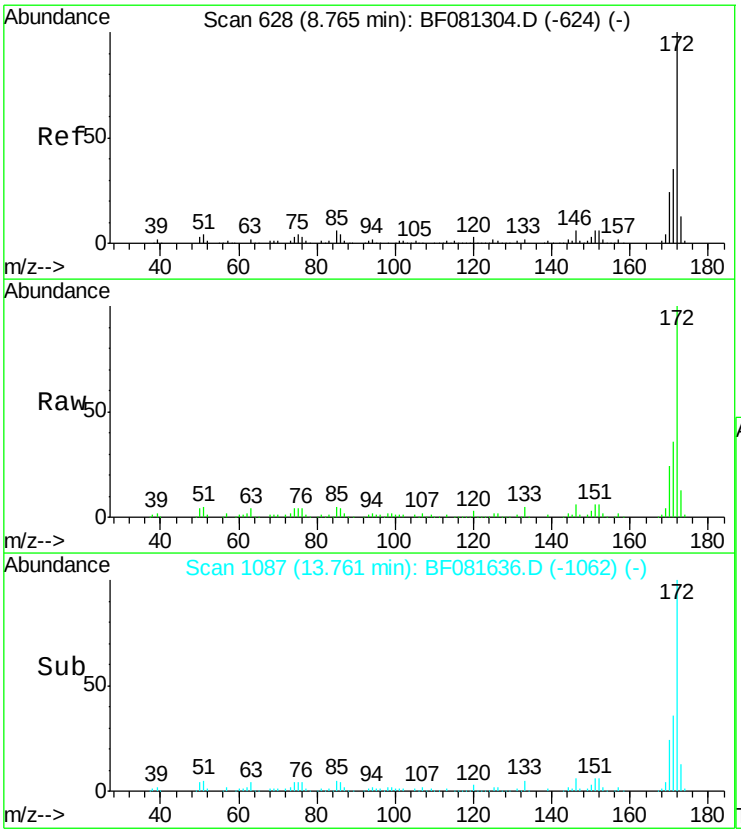
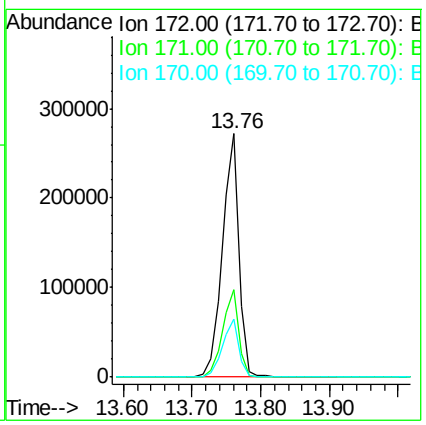


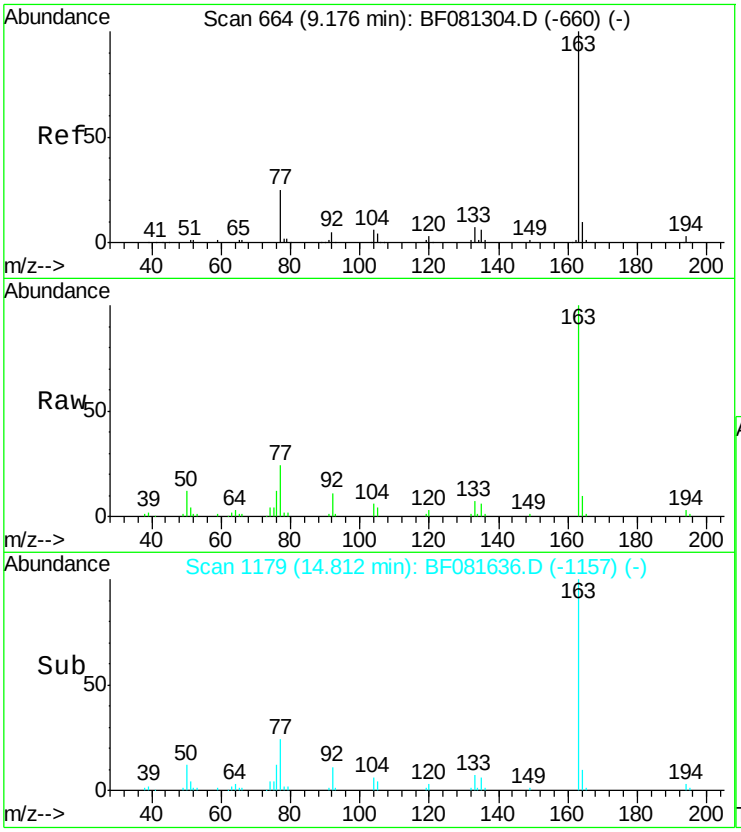


#44
2-Fluorobiphenyl
Concen: 69.70 ng
RT: 13.76 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BF081636.D
Acq: 15 Sep 2015 19:12

Tgt Ion:172 Resp: 463939

Ion	Ratio	Lower	Upper
172	100		
171	36.1	26.1	39.1
170	24.0	17.4	26.2





#49
Dimethylphthalate
Concen: 18.04 ng
RT: 14.81 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF081636.D
Acq: 15 Sep 2015 19:12

Tgt Ion:163 Resp: 119586

Ion	Ratio	Lower	Upper
163	100		
194	3.1	4.4	6.6#
164	10.3	8.3	12.5

Instrument :
BNA_F
ClientSampleId :
H1-H2-H3-H4-H5-COMP

Manual Integrations APPROVED
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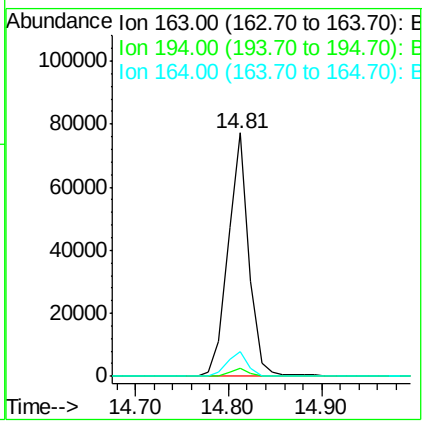
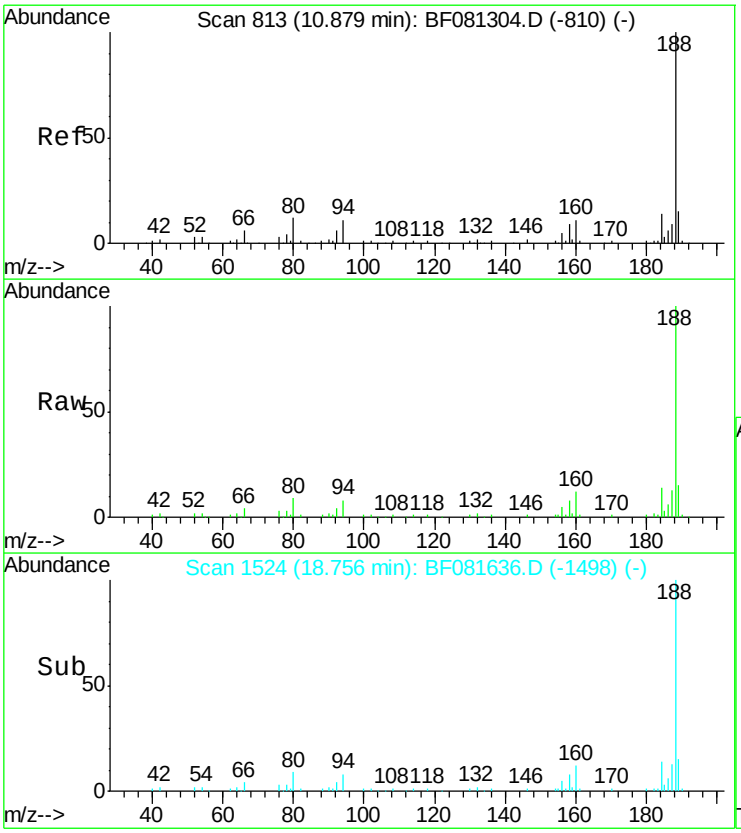
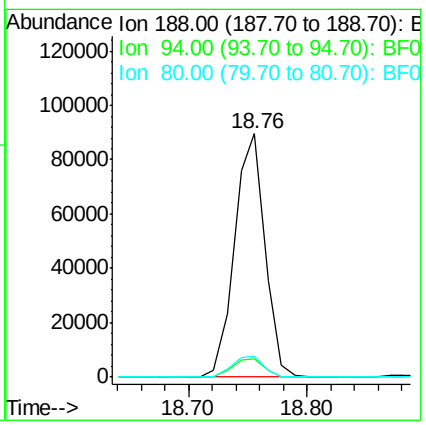


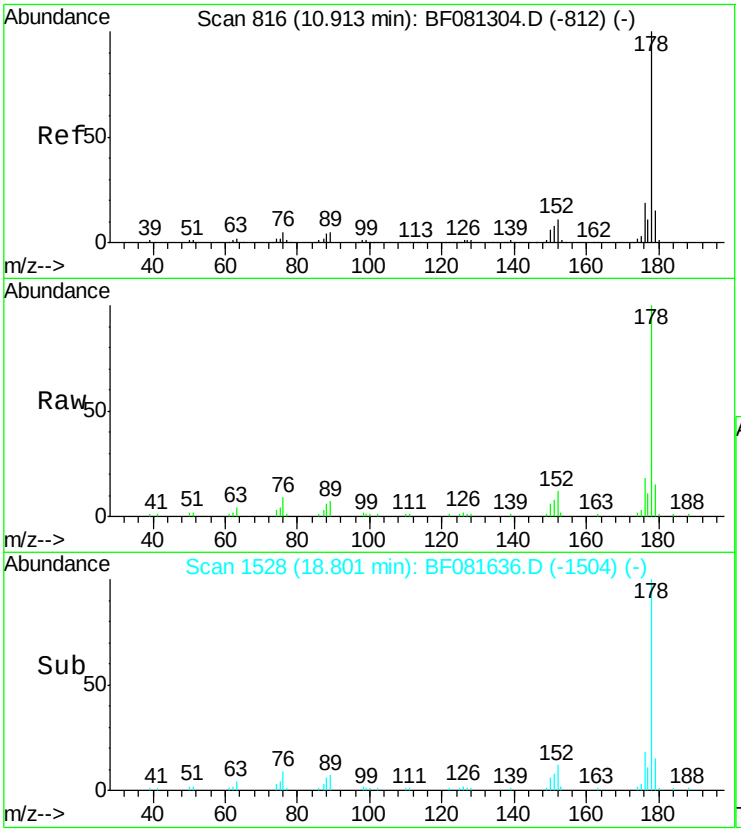


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.76 min Scan# 1524
Delta R.T. -0.00 min
Lab File: BF081636.D
Acq: 15 Sep 2015 19:12

Tgt Ion:188 Resp: 159163

Ion	Ratio	Lower	Upper
188	100		
94	7.7	11.1	16.7#
80	8.5	11.0	16.4#





#70
Phenanthrene
Concen: 10.45 ng
RT: 18.80 min Scan# 1528
Delta R.T. -0.02 min
Lab File: BF081636.D
Acq: 15 Sep 2015 19:12

Tgt Ion:178 Resp: 92426

Ion	Ratio	Lower	Upper
178	100		
176	18.4	13.8	20.8
179	15.3	12.2	18.2

Instrument :
BNA_F
ClientSampleId :
H1-H2-H3-H4-H5-COMP

Manual Integrations APPROVED
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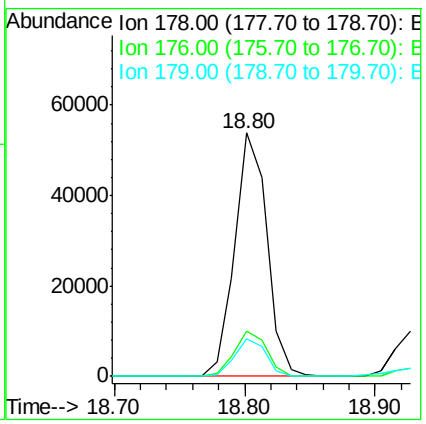
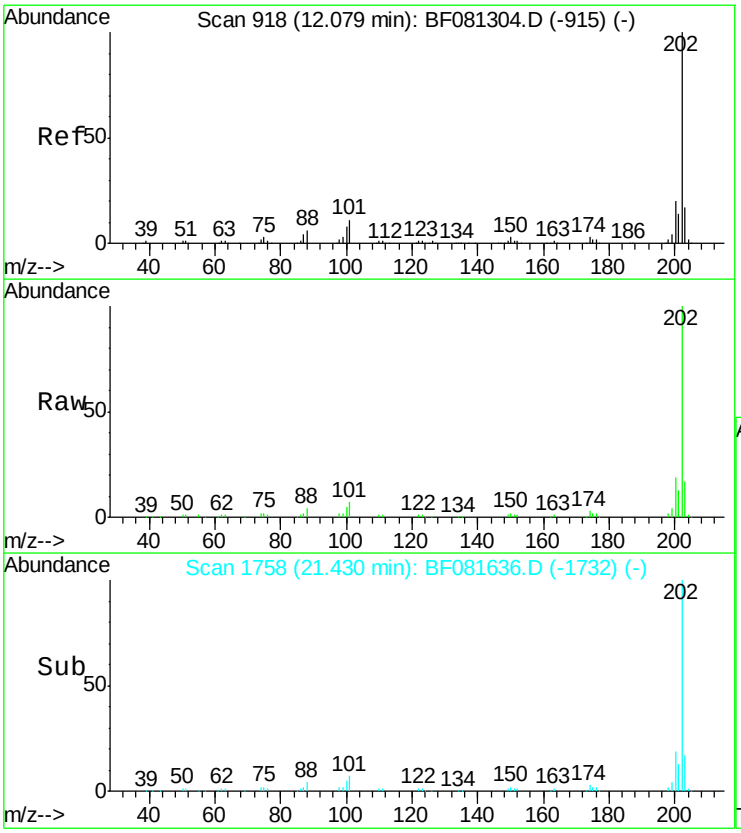
9/16/2015 1:24:03 PM

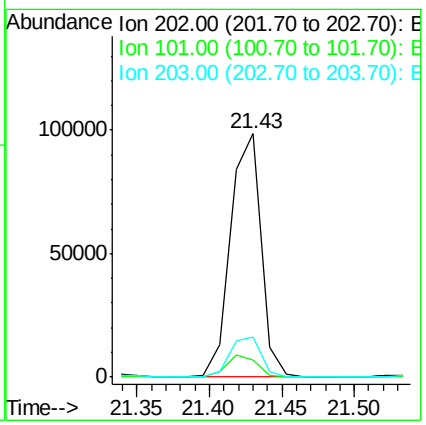


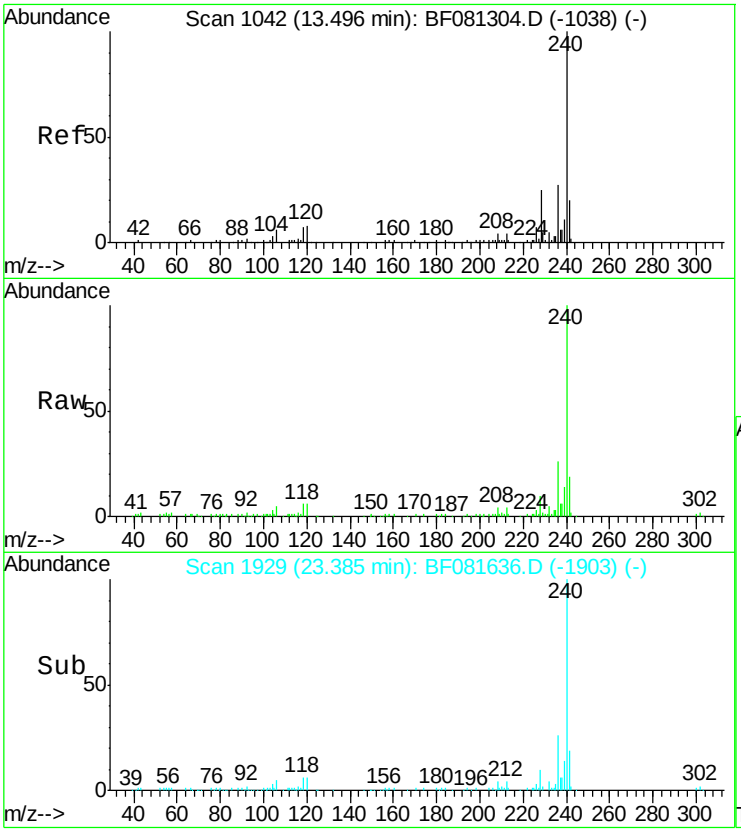


#74
Fluoranthene
Concen: 15.05 ng
RT: 21.43 min Scan# 1758
Delta R.T. -0.00 min
Lab File: BF081636.D
Acq: 15 Sep 2015 19:12

Tgt Ion:202 Resp: 144122

Ion	Ratio	Lower	Upper
202	100		
101	7.0	0.0	38.3
203	16.7	0.0	37.3





#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.38 min Scan# 1929
Delta R.T. -0.00 min
Lab File: BF081636.D
Acq: 15 Sep 2015 19:12

Tgt Ion:240 Resp: 108979

Ion	Ratio	Lower	Upper
240	100		
120	6.4	16.2	24.2#
236	26.2	18.4	27.6

Instrument :
BNA_F
ClientSampleId :
H1-H2-H3-H4-H5-COMP

Manual Integrations APPROVED
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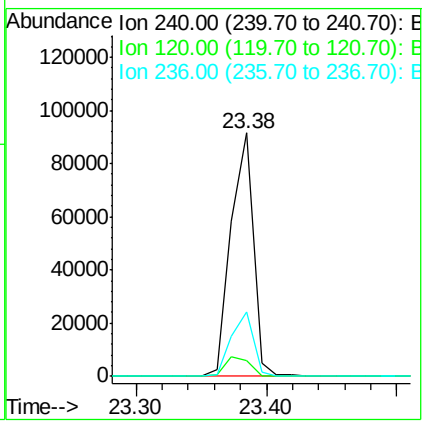
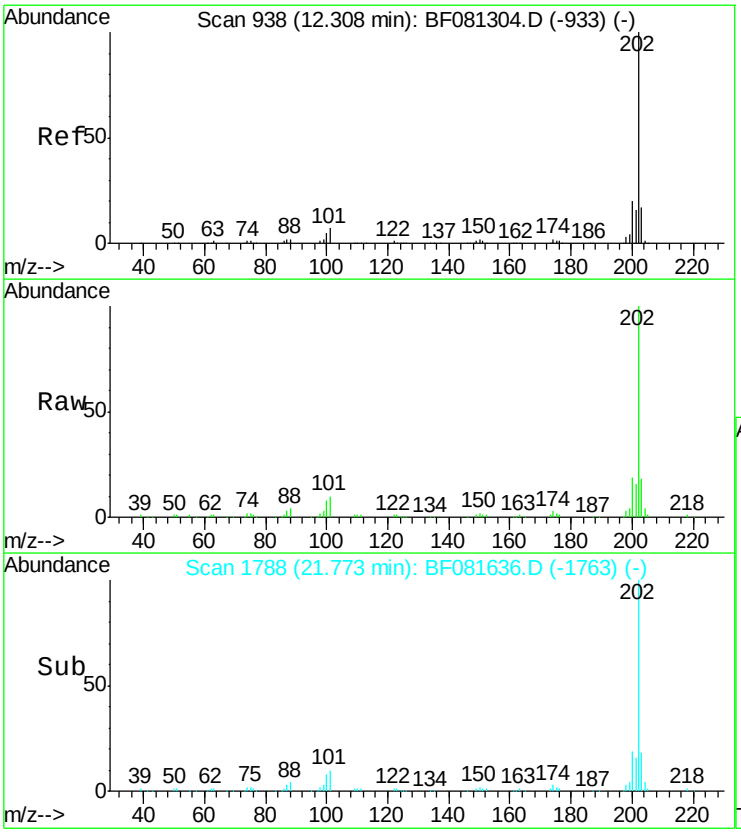
9/16/2015 1:24:03 PM

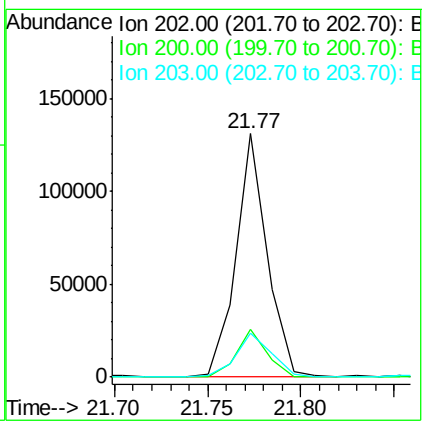


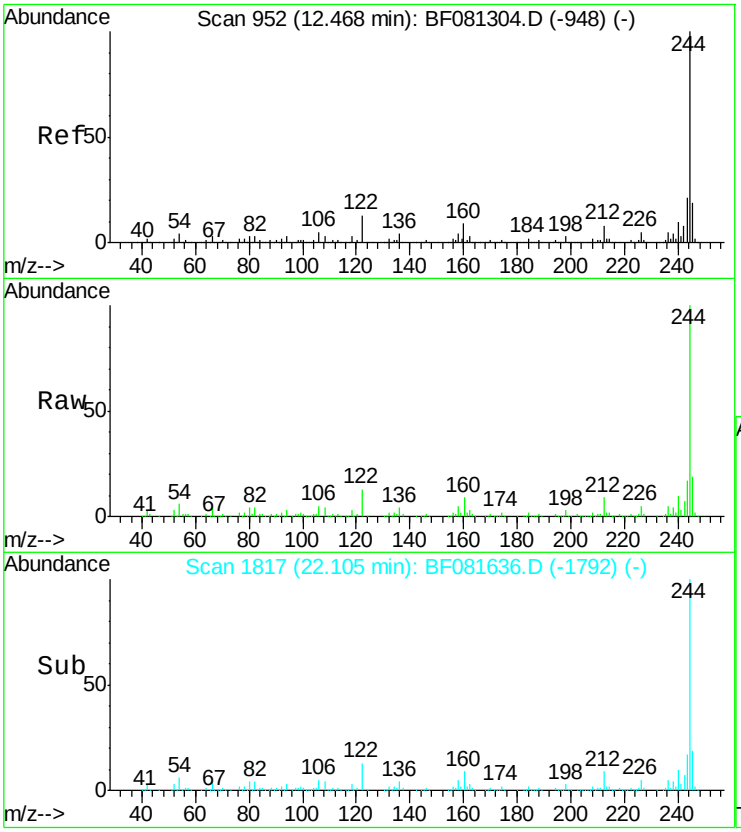


#77
Pyrene
Concen: 18.94 ng
RT: 21.77 min Scan# 1788
Delta R.T. -0.01 min
Lab File: BF081636.D
Acq: 15 Sep 2015 19:12

Tgt Ion:202 Resp: 152900

Ion	Ratio	Lower	Upper
202	100		
200	19.4	15.0	22.4
203	18.1	14.1	21.1

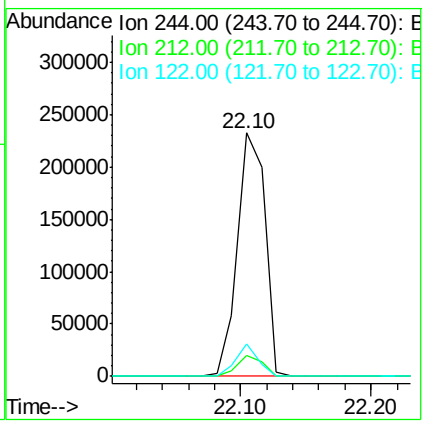




#78
Terphenyl-d14
Concen: 73.02 ng
RT: 22.10 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF081636.D
Acq: 15 Sep 2015 19:12

Tgt Ion:244 Resp: 341841

Ion	Ratio	Lower	Upper
244	100		
212	8.7	4.3	6.5#
122	13.1	17.4	26.2#



Instrument :
BNA_F
ClientSampleId :
H1-H2-H3-H4-H5-COMP

Manual Integrations APPROVED
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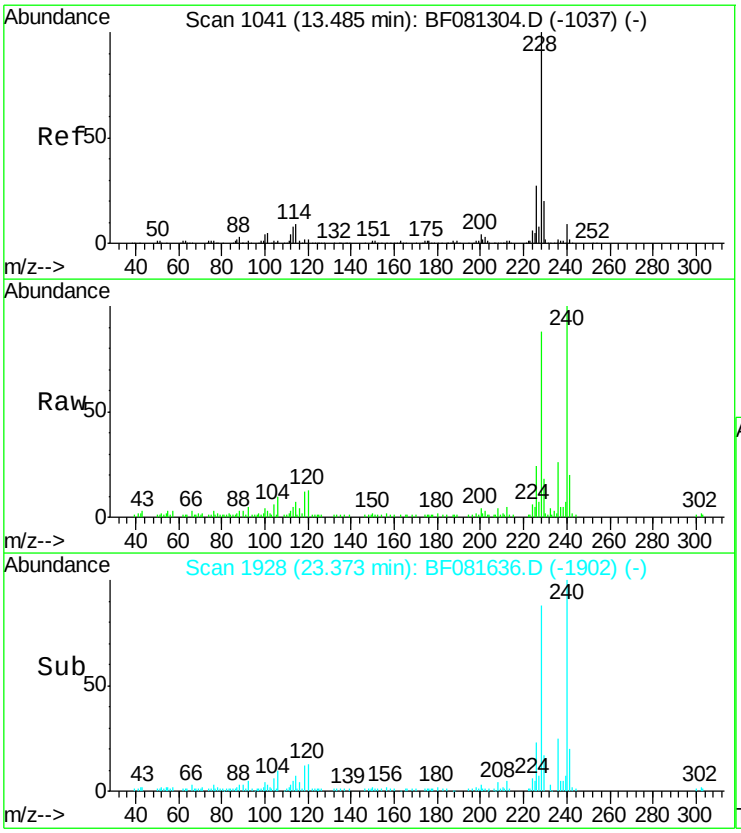
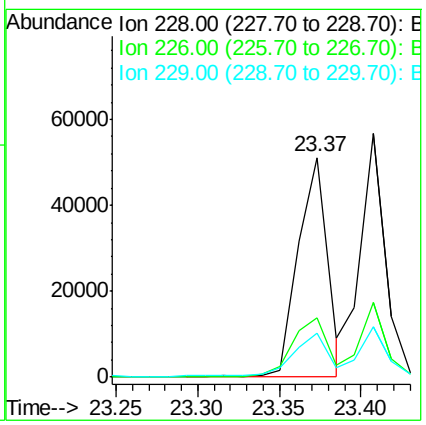
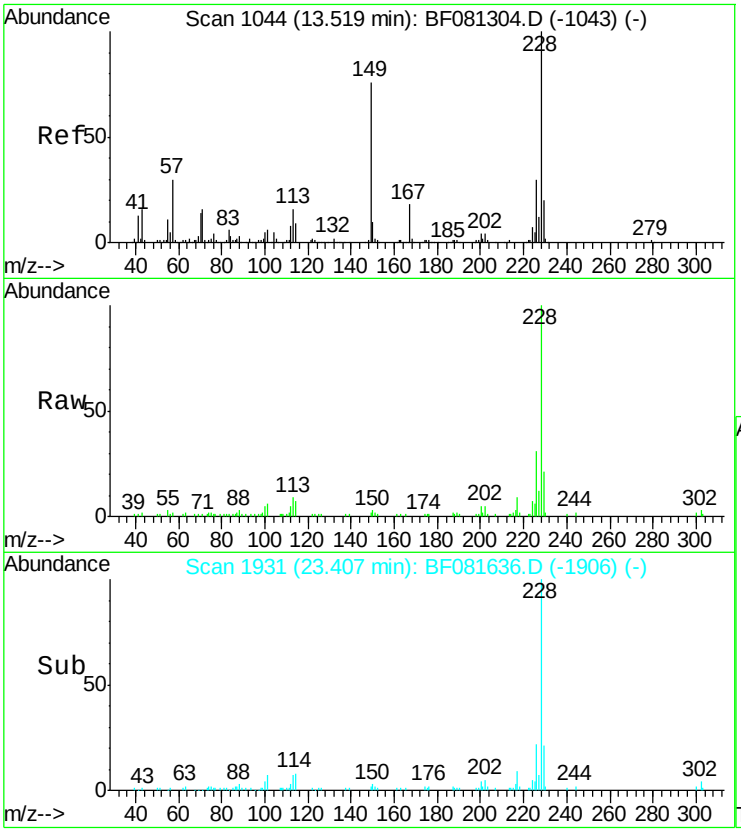


#80
Benzo(a)anthracene
Concen: 9.30 ng
RT: 23.37 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BF081636.D
Acq: 15 Sep 2015 19:12

Tgt Ion:228 Resp: 64529

Ion	Ratio	Lower	Upper
228	100		
226	27.1	20.0	30.0
229	20.2	15.4	23.2

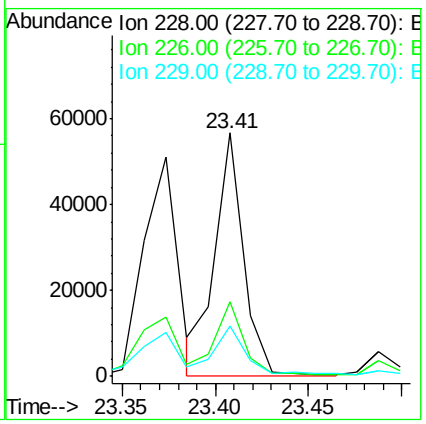




#82
Chrysene
Concen: 9.87 ng
RT: 23.41 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BF081636.D
Acq: 15 Sep 2015 19:12

Tgt Ion:228 Resp: 61400

Ion	Ratio	Lower	Upper
228	100		
226	30.6	21.0	31.4
229	20.7	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
H1-H2-H3-H4-H5-COMP

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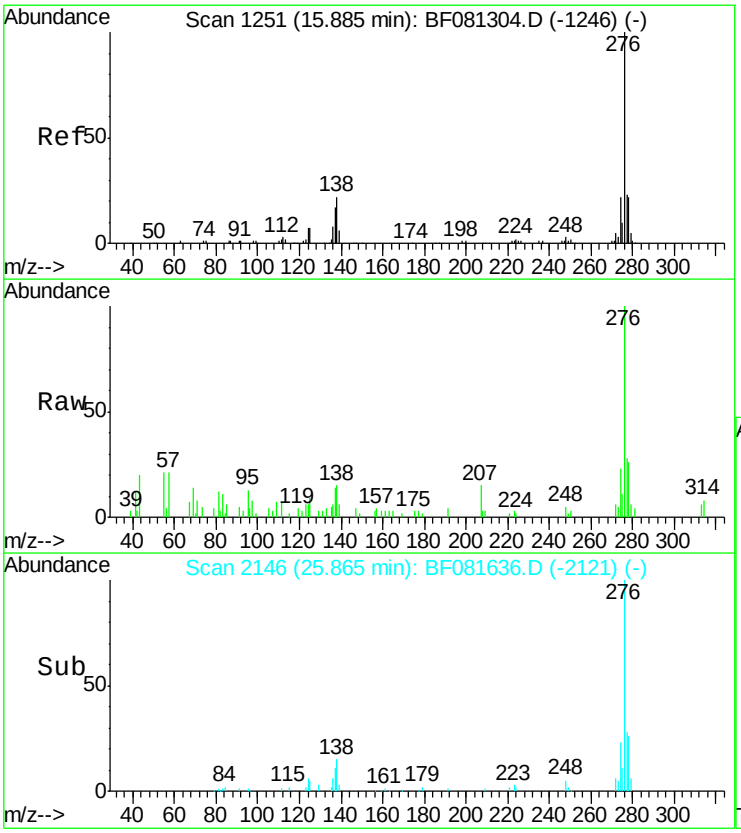
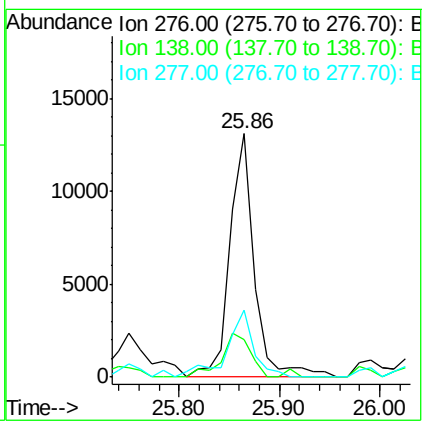
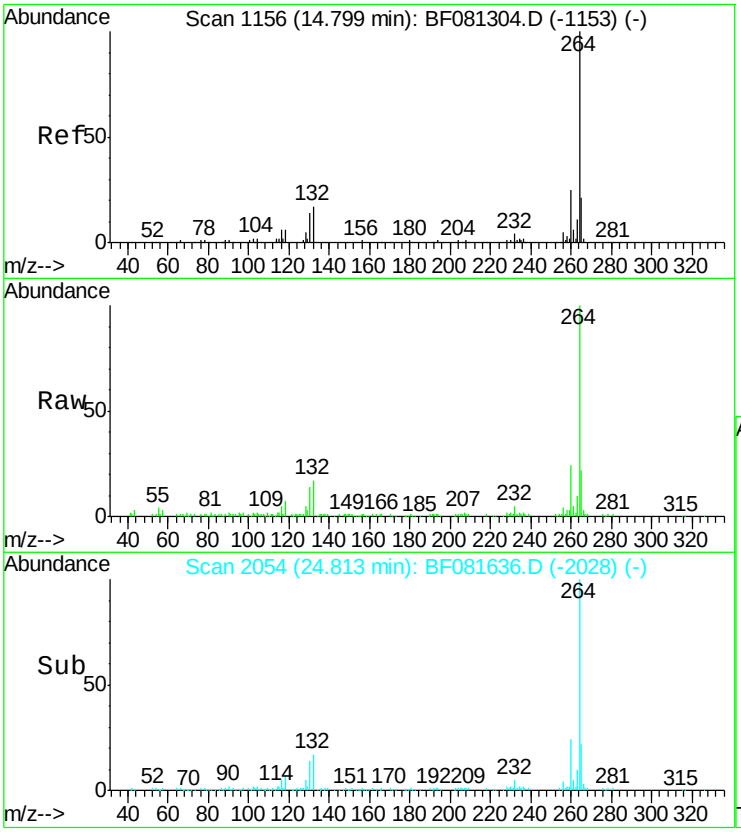


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.85 ng
RT: 25.86 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BF081636.D
Acq: 15 Sep 2015 19:12

Tgt Ion:276 Resp: 22157

Ion	Ratio	Lower	Upper
276	100		
138	21.2	25.7	38.5#
277	30.3	15.6	23.4#

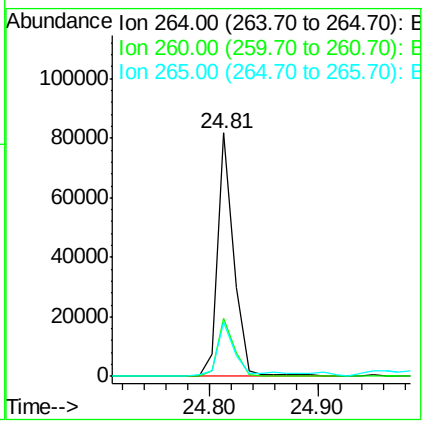




#86
Perylene-d12
Concen: 20.00 ng
RT: 24.81 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BF081636.D
Acq: 15 Sep 2015 19:12

Tgt Ion:264 Resp: 84761

Ion	Ratio	Lower	Upper
264	100		
260	23.7	16.7	25.1
265	22.4	17.2	25.8



Instrument :
BNA_F
ClientSampleId :
H1-H2-H3-H4-H5-COMP

Manual Integrations APPROVED
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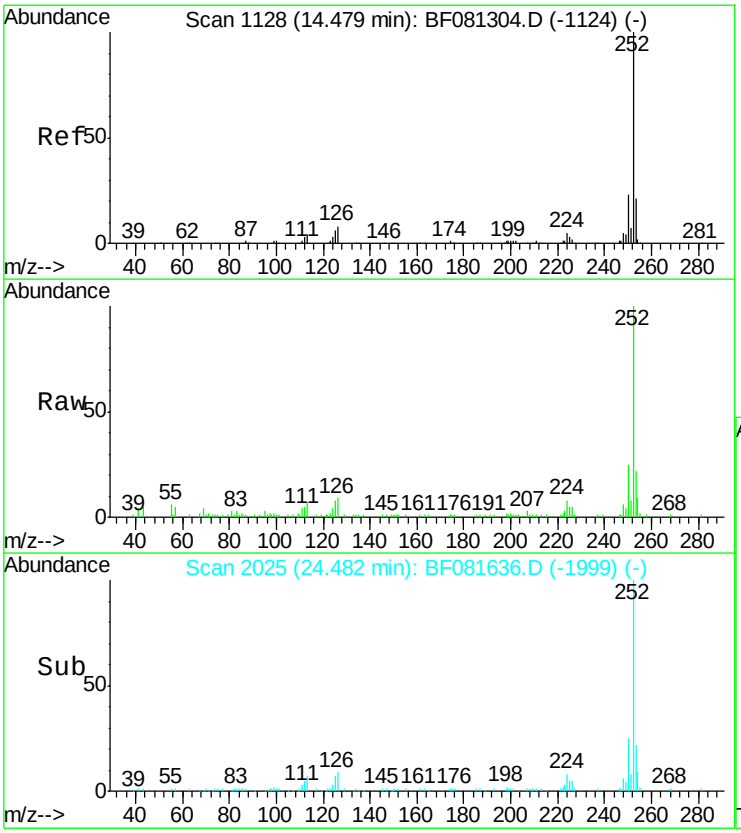
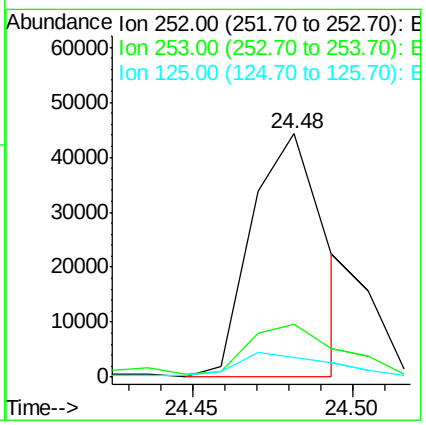
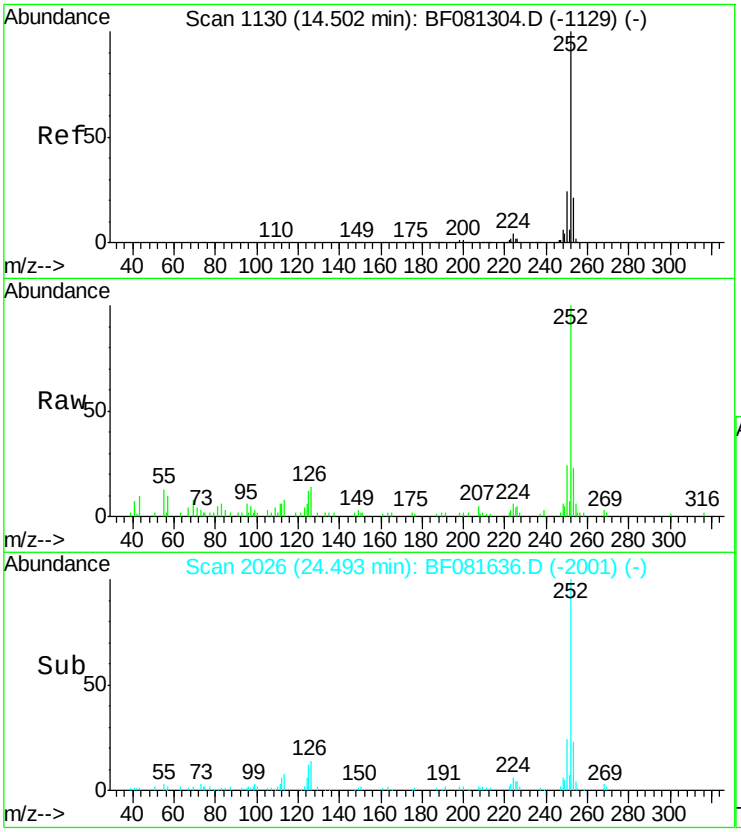


#87
Benzo(b)fluoranthene
Concen: 11.63 ng m
RT: 24.48 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF081636.D
Acq: 15 Sep 2015 19:12

Tgt Ion:252 Resp: 70377

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	8.1	17.1	25.7#

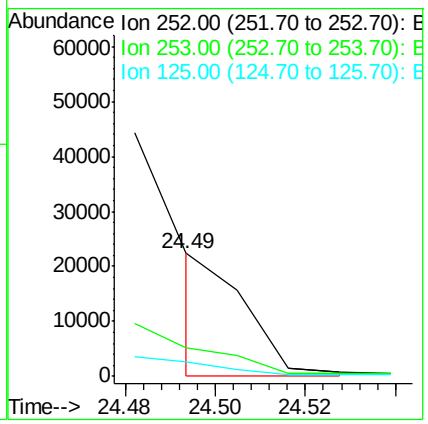




#88
Benzo(k)fluoranthene
Concen: 2.44 ng m
RT: 24.49 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF081636.D
Acq: 15 Sep 2015 19:12

Tgt Ion:252 Resp: 12228

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.0	25.4
125	11.9	16.0	24.0#



Instrument :
BNA_F
ClientSampleId :
H1-H2-H3-H4-H5-COMP

Manual Integrations APPROVED
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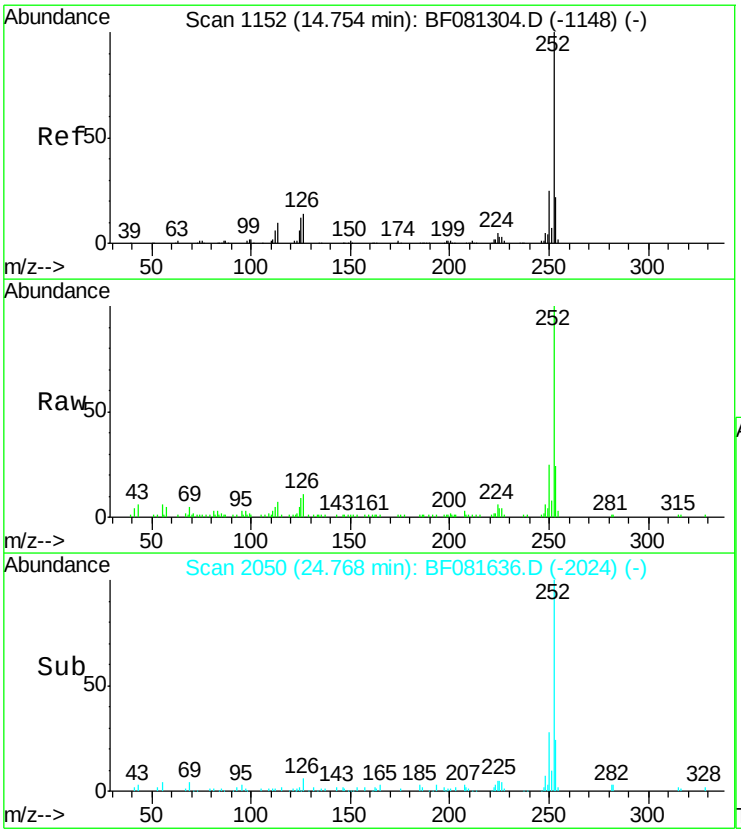
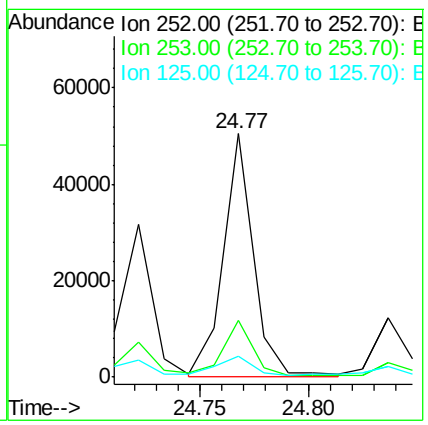
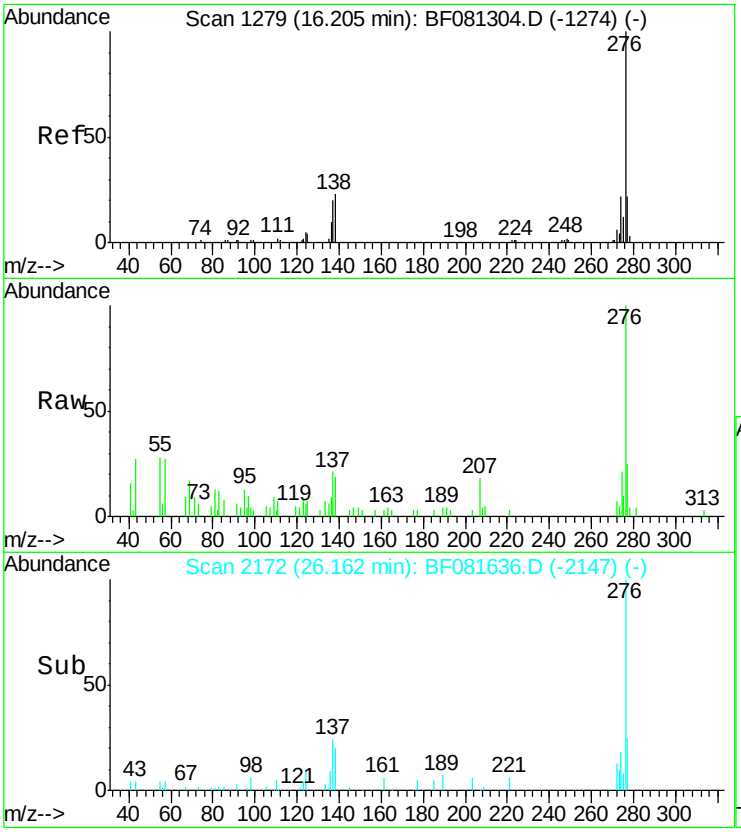


#89
Benzo(a)pyrene
Concen: 9.52 ng
RT: 24.77 min Scan# 2050
Delta R.T. -0.00 min
Lab File: BF081636.D
Acq: 15 Sep 2015 19:12

Tgt Ion:252 Resp: 48804

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.2	25.8
125	8.7	18.0	27.0#

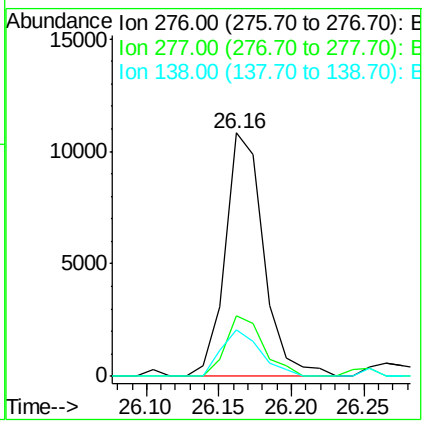




#91
Benzo(g,h,i)perylene
Concen: 5.28 ng
RT: 26.16 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BF081636.D
Acq: 15 Sep 2015 19:12

Tgt Ion:276 Resp: 19949

Ion	Ratio	Lower	Upper
276	100		
277	24.7	17.8	26.6
138	19.2	34.6	51.8#



Instrument :
BNA_F
ClientSampleId :
H1-H2-H3-H4-H5-COMP

Manual Integrations APPROVED
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