Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
Data File : BF098921.D
Acq On : 28 Sep 2017 21:59
Operator : SJ/JU
Sample : I5457-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LB-27(2.5-3)

Manual Integrations APPROVED
Sohil
9/29/2017 6:04:35 PM

Quant Time: Sep 29 02:17:22 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	150690	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	575012	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	219025	20.00	ng		-0.01
63) Phenanthrene-d10	11.44	188	302255	20.00	ng		0.00
75) Chrysene-d12	14.08	240	248484	20.00	ng		0.00
86) Perylene-d12	15.58	264	250772	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	764925	80.81	ng		0.00
7) Phenol-d6	6.54	99	941998	80.67	ng		0.00
23) Nitrobenzene-d5	7.47	82	573781	63.99	ng		-0.01
41) 2,4,6-Tribromophenol	10.75	330	135581	75.65	ng		0.00
44) 2-Fluorobiphenyl	9.27	172	985972	75.15	ng		-0.01
78) Terphenyl-d14	13.02	244	608583	55.70	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.55	94	26123	2.000	ng		93
49) Dimethylphthalate	9.66	163	157722	9.541	ng		98
70) Phenanthrene	11.46	178	234434	14.490	ng		100
71) Anthracene	11.52	178	63833	3.856	ng		97
74) Fluoranthene	12.66	202	383763	23.425	ng		97
77) Pyrene	12.89	202	346108	18.266	ng		98
79) Butylbenzylphthalate	13.49	149	29051	3.262	ng		93
80) Benzo(a)anthracene	14.07	228	196950	13.090	ng		94
82) Chrysene	14.11	228	179400	12.524	ng		97
85) Indeno(1,2,3-cd)pyrene	17.09	276	86006	7.506	ng		99
87) Benzo(b)fluoranthene	15.14	252	262126m	17.001	ng		
88) Benzo(k)fluoranthene	15.16	252	73928m	4.854	ng		
89) Benzo(a)pyrene	15.52	252	170027	12.013	ng	#	94
91) Benzo(g,h,i)perylene	17.55	276	80333	7.175	ng		92

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

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Manual Integrations APPROVED
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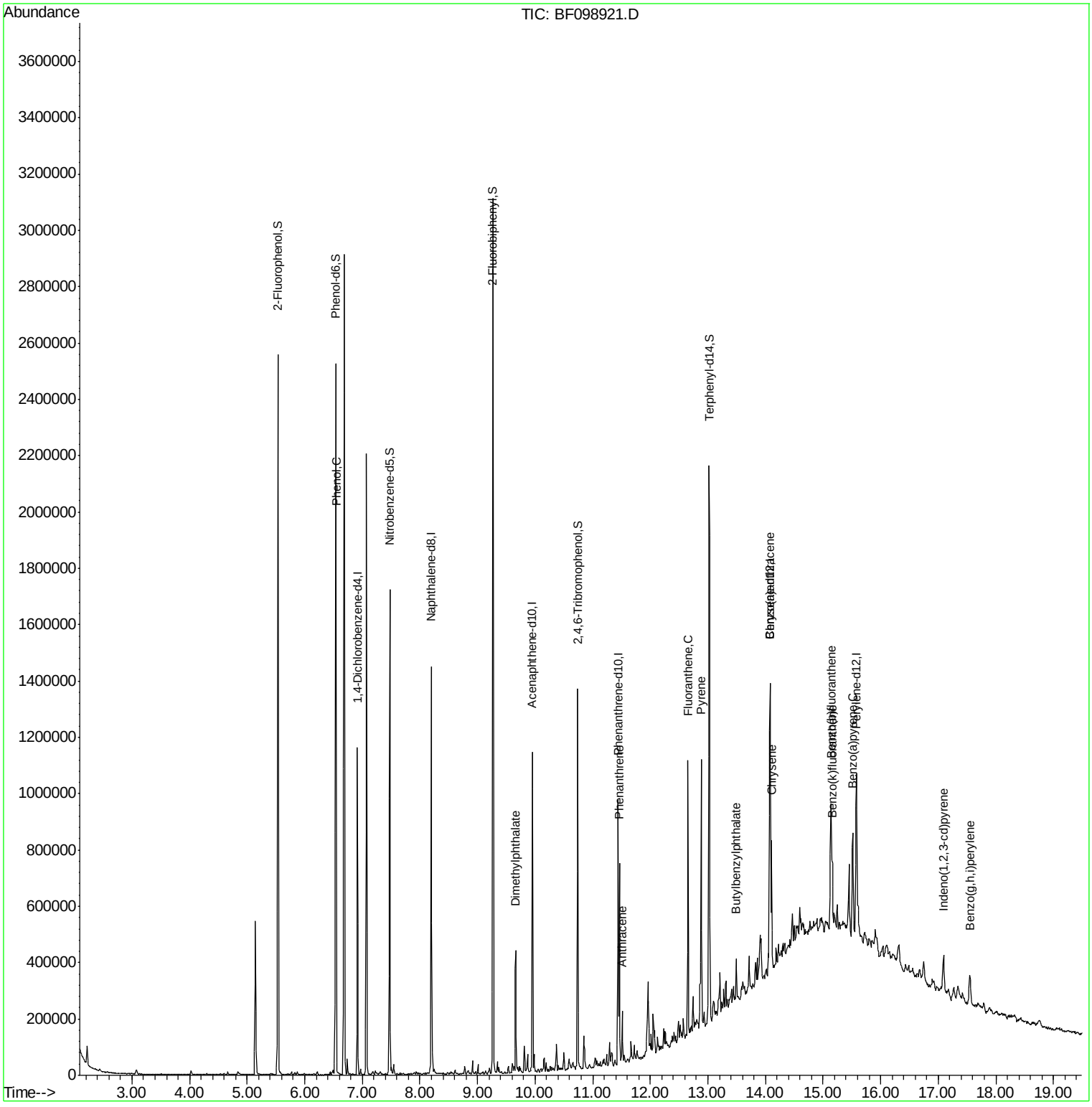
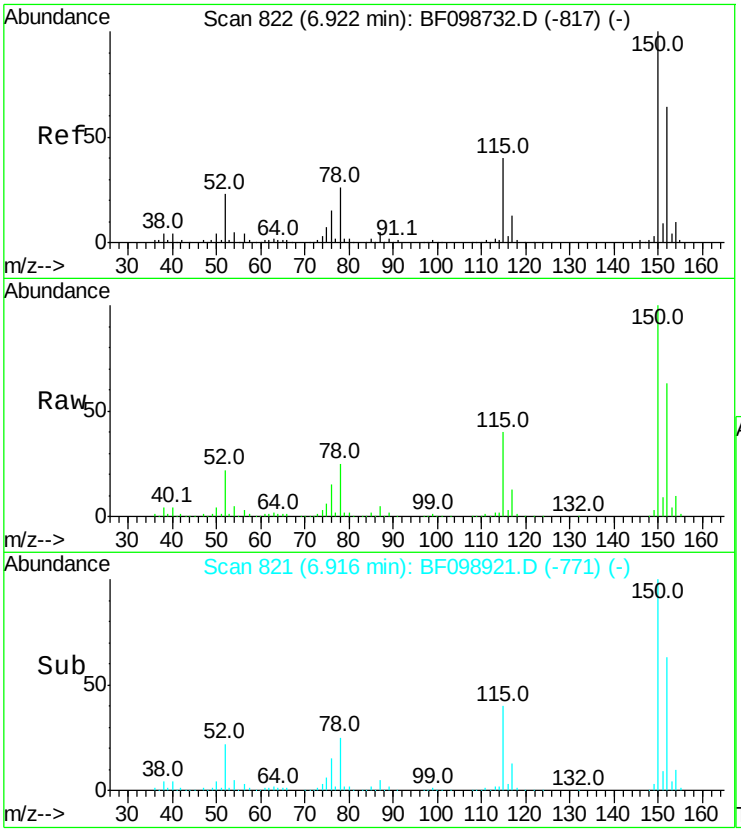
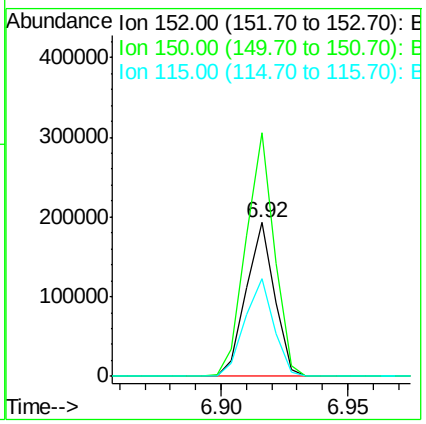




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Tgt Ion:152 Resp: 150690

Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.6	186.8
115	64.0	50.1	75.1



Instrument :
BNA_F
ClientSampleId :
LB-27(2.5-3)

Manual Integrations APPROVED
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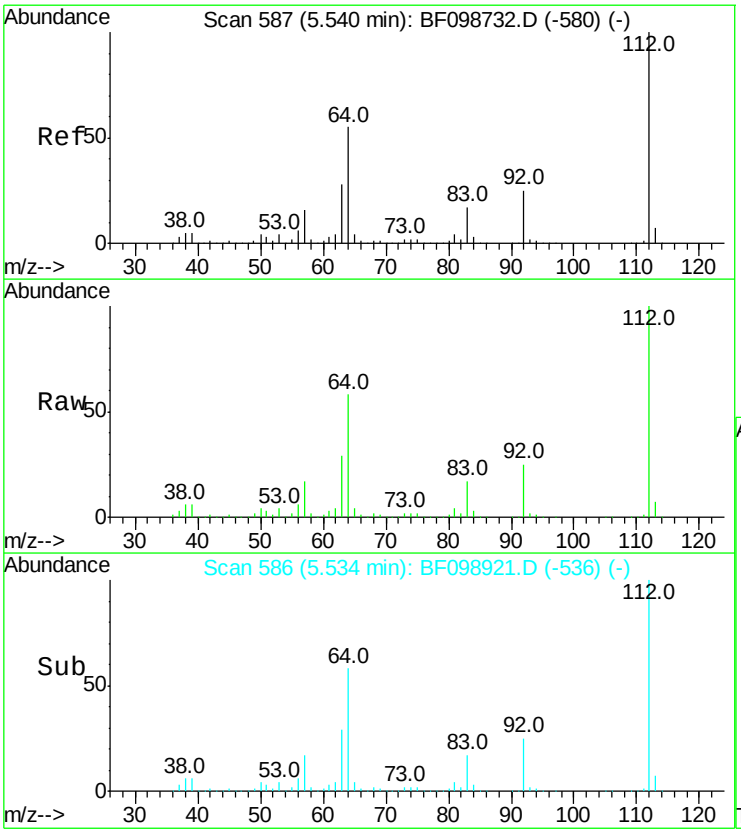
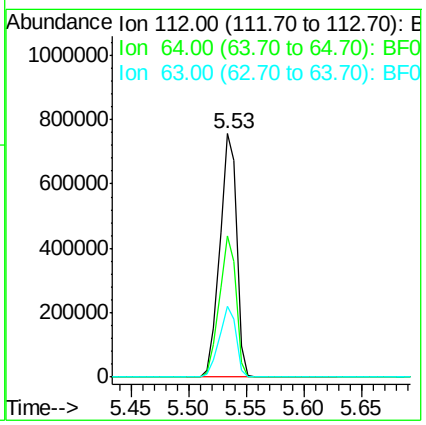
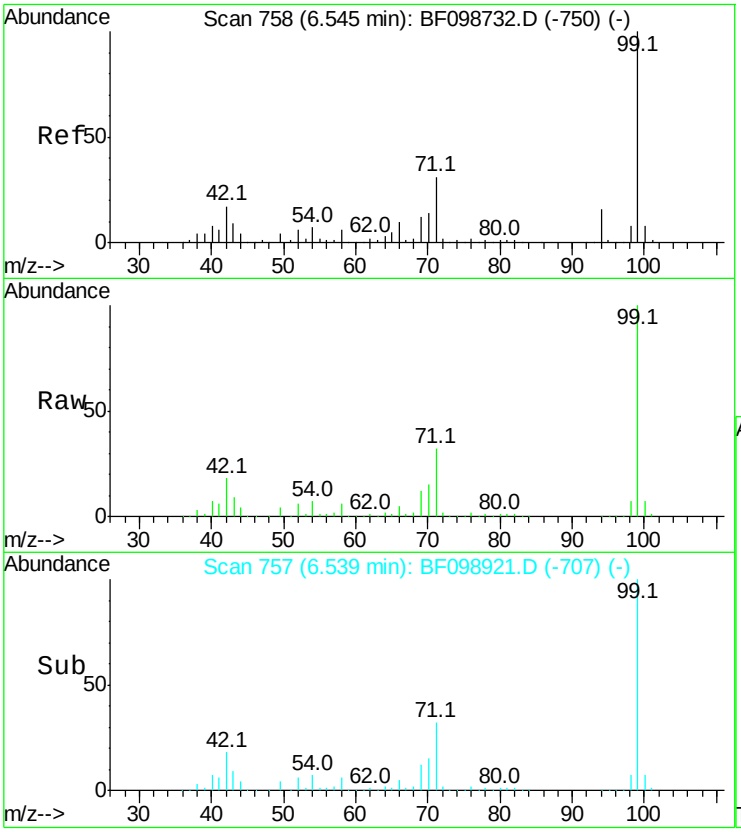


#5
2-Fluorophenol
Concen: 80.807 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Tgt Ion:112 Resp: 764925

Ion	Ratio	Lower	Upper
112	100		
64	58.2	47.9	71.9
63	29.0	23.7	35.5

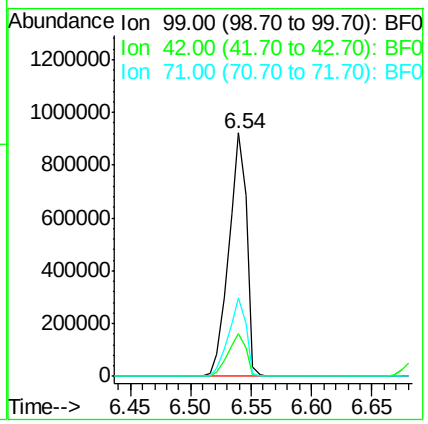




#7
Phenol-d6
Concen: 80.668 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Tgt Ion: 99 Resp: 941998

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.5	21.7
71	32.2	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
LB-27(2.5-3)

Manual Integrations APPROVED
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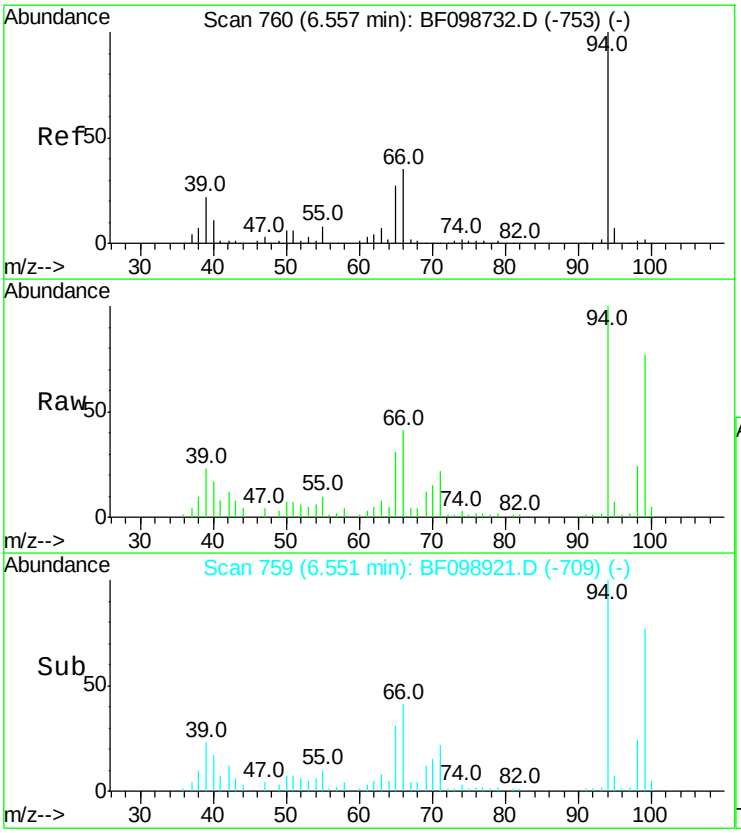
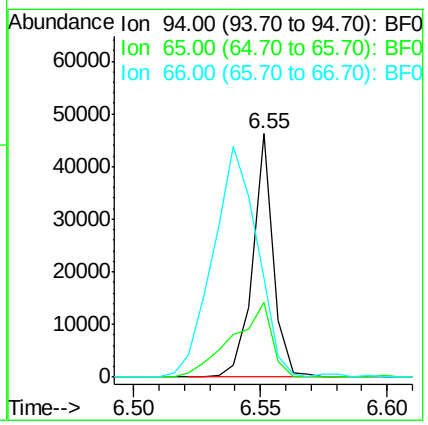
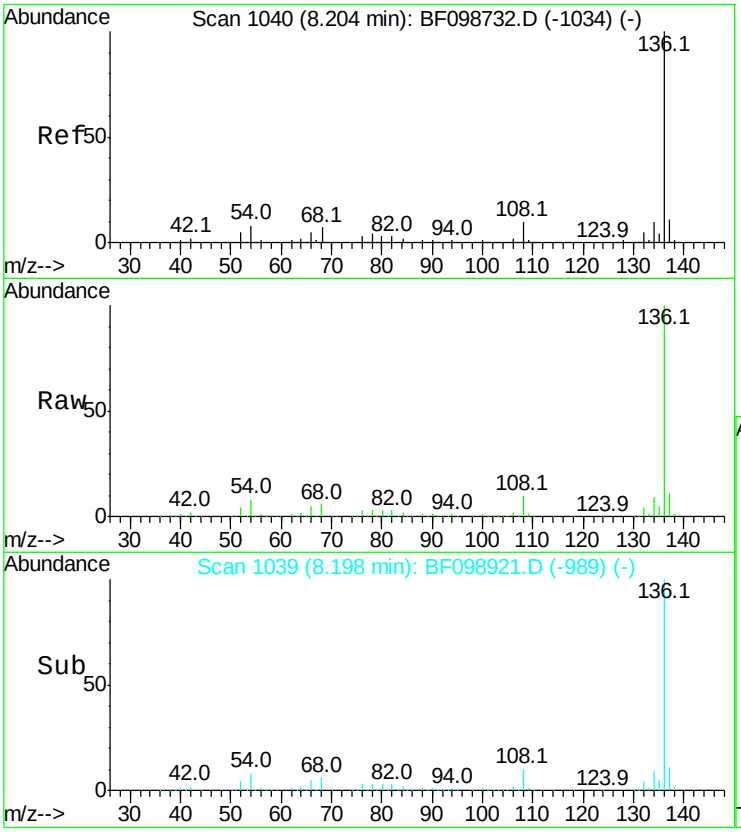


#10
Phenol
Concen: 2.000 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Tgt Ion: 94 Resp: 26123

Ion	Ratio	Lower	Upper
94	100		
65	30.6	7.9	47.9
66	40.7	16.2	56.2

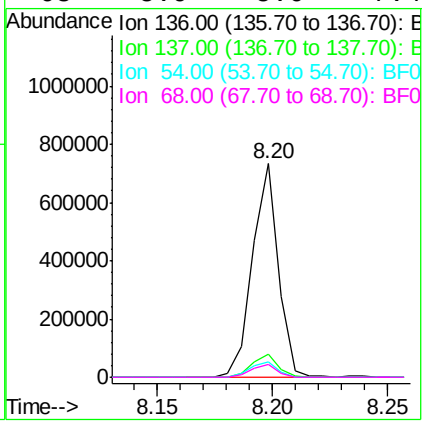




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Tgt Ion:136 Resp: 575012

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.5	6.6	9.8
68	5.9	5.0	7.4



Instrument :
BNA_F
ClientSampleId :
LB-27(2.5-3)

Manual Integrations APPROVED
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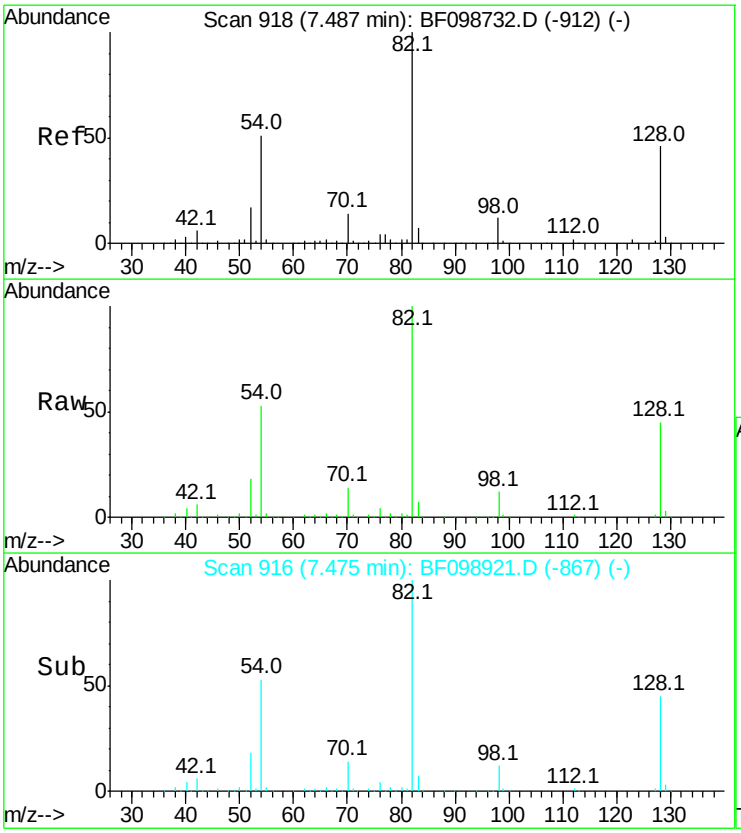
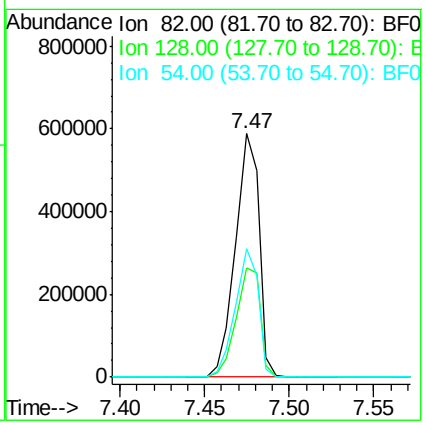
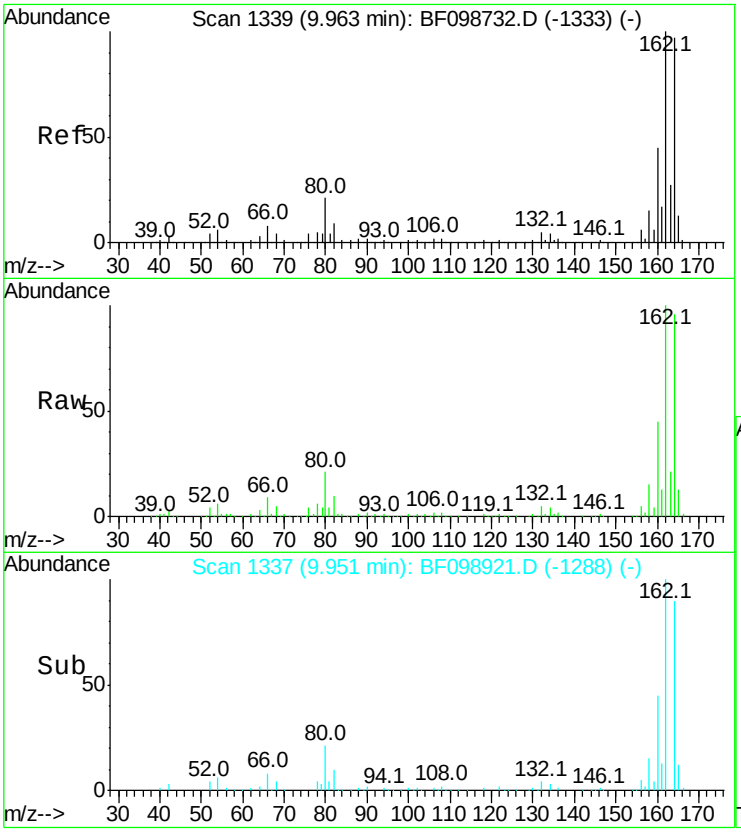


#23
Nitrobenzene-d5
Concen: 63.993 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Tgt Ion: 82 Resp: 573781

Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	52.5	41.4	62.2

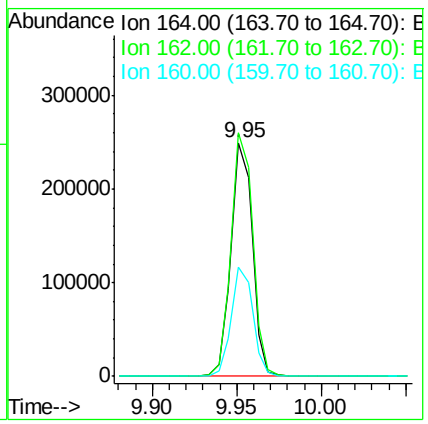




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Tgt Ion:164 Resp: 219025

Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	46.5	38.3	57.5



Instrument :
BNA_F
ClientSampleId :
LB-27(2.5-3)

Manual Integrations APPROVED
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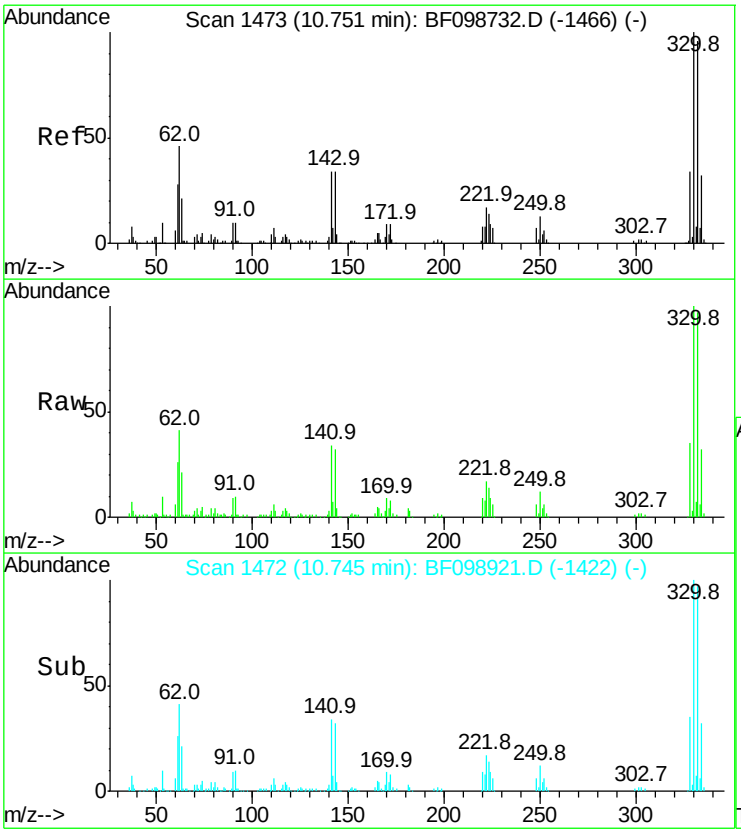
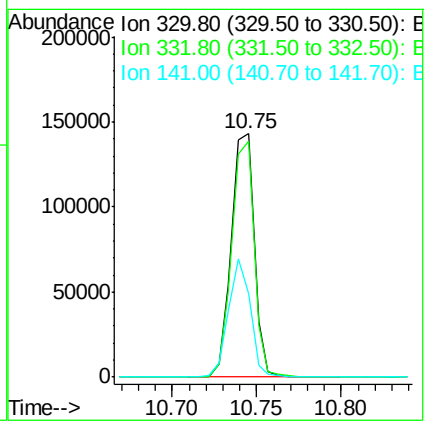
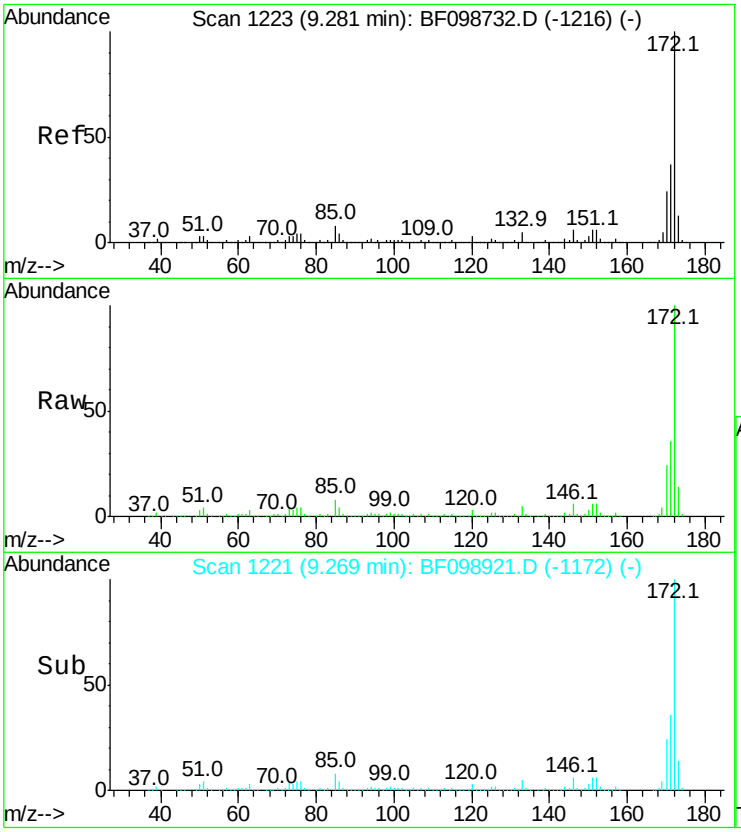


#41
2,4,6-Tribromophenol
Concen: 75.650 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Tgt Ion:330 Resp: 135581

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	46.7	29.9	44.9#

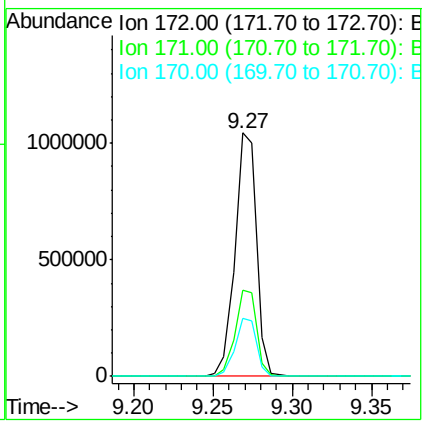




#44
2-Fluorobiphenyl
Concen: 75.151 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Tgt Ion:172 Resp: 985972

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.9	19.6	29.4



Instrument :
BNA_F
ClientSampleId :
LB-27(2.5-3)

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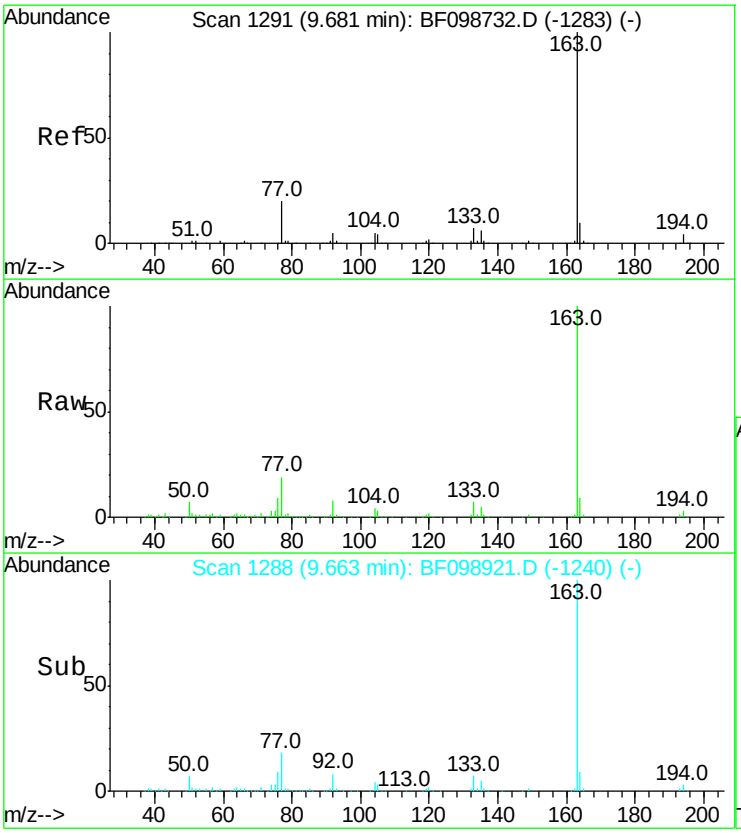
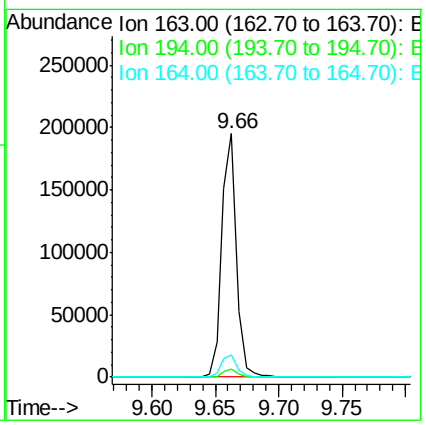
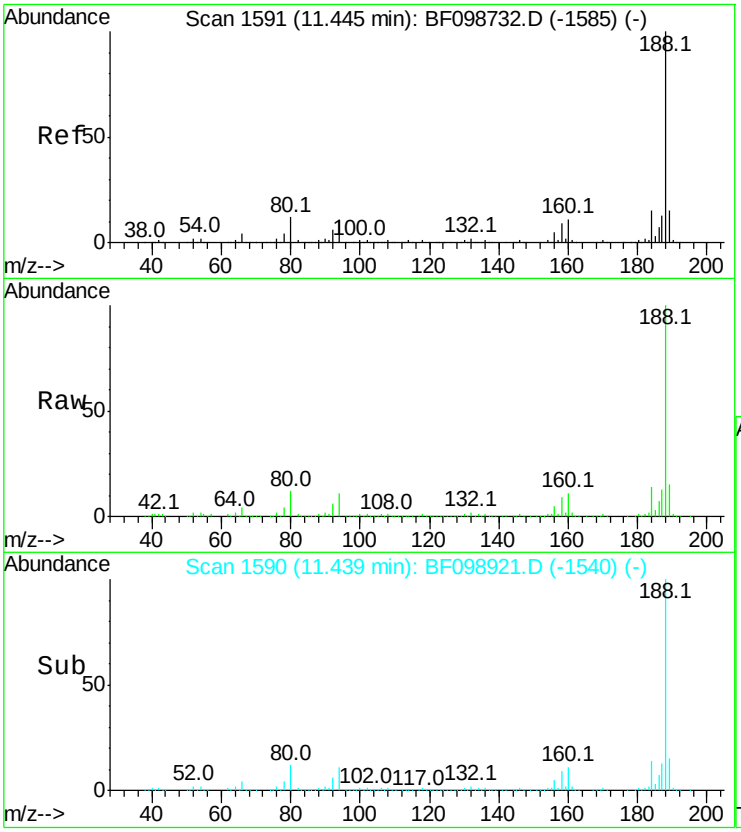


#49
Dimethylphthalate
Concen: 9.541 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Tgt Ion:163 Resp: 157722

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.3	8.2	12.2

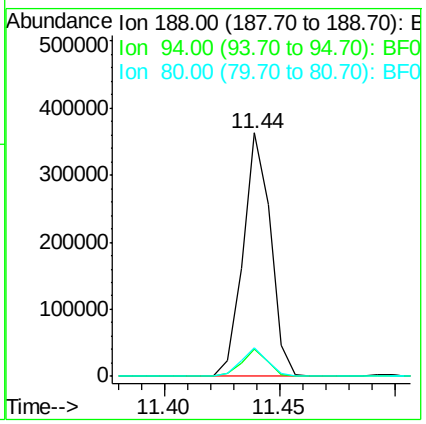




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Tgt Ion:188 Resp: 302255

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.6	9.2	13.8



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ClientSampleId :
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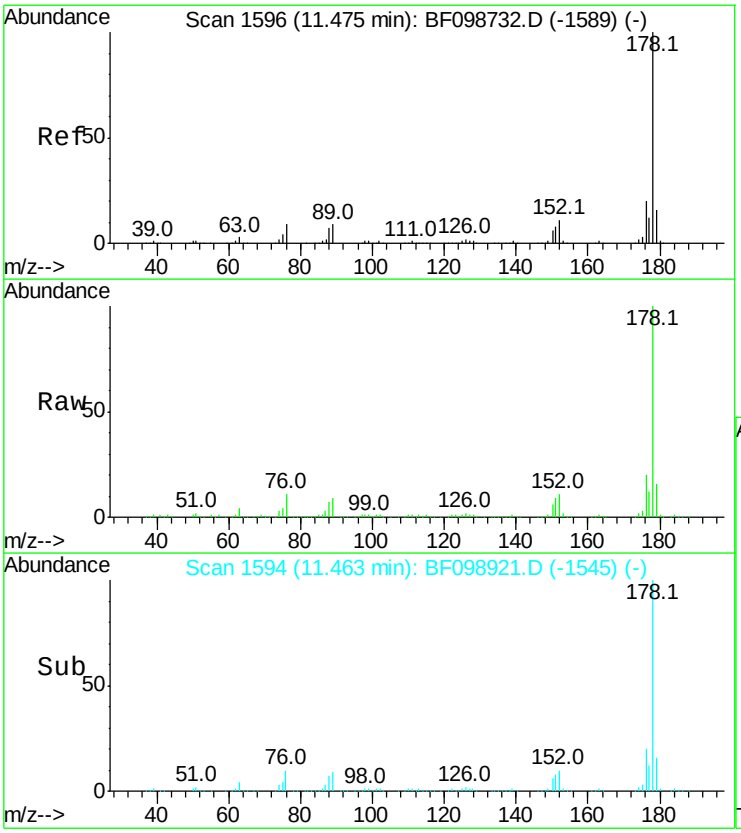
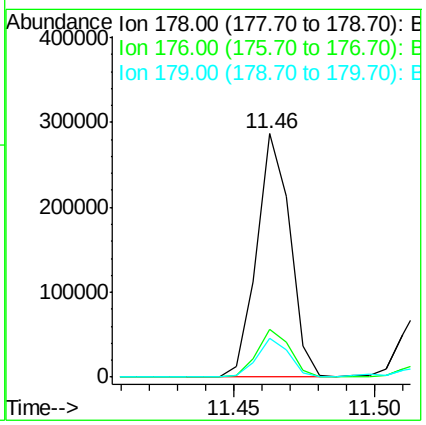
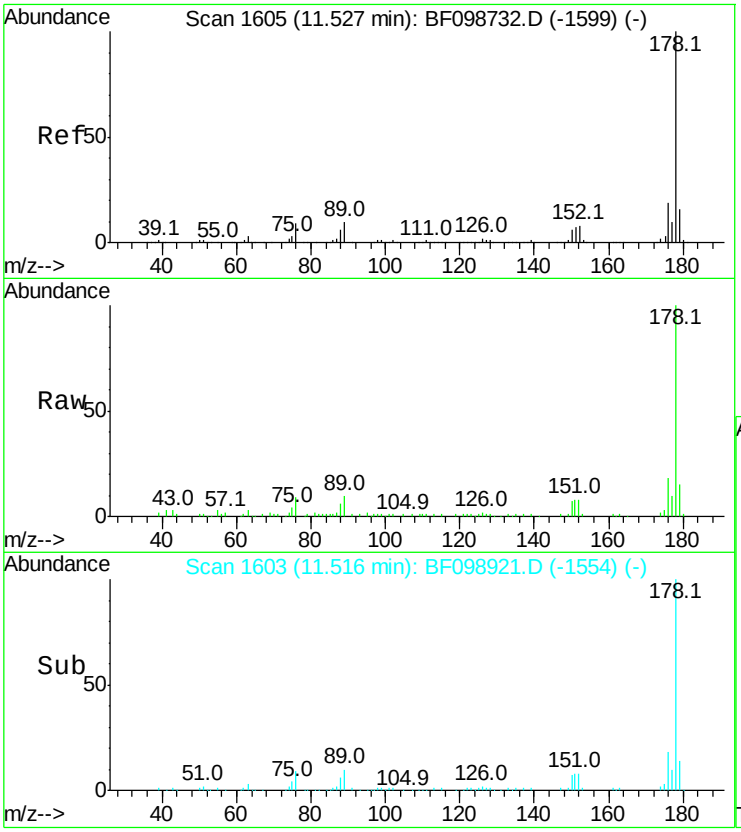


#70
Phenanthrene
Concen: 14.490 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Tgt Ion:178 Resp: 234434

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	16.0	13.0	19.6

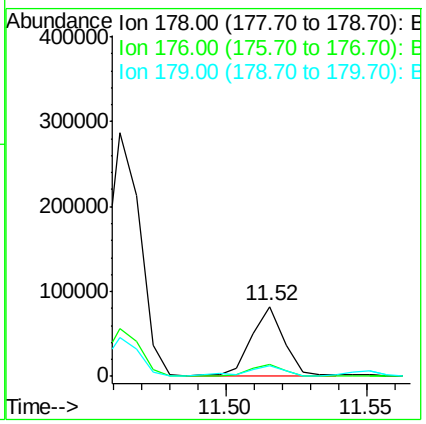




#71
Anthracene
Concen: 3.856 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Tgt Ion:178 Resp: 63833

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.4	23.2
179	14.6	12.6	19.0



Instrument :
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ClientSampleId :
LB-27(2.5-3)

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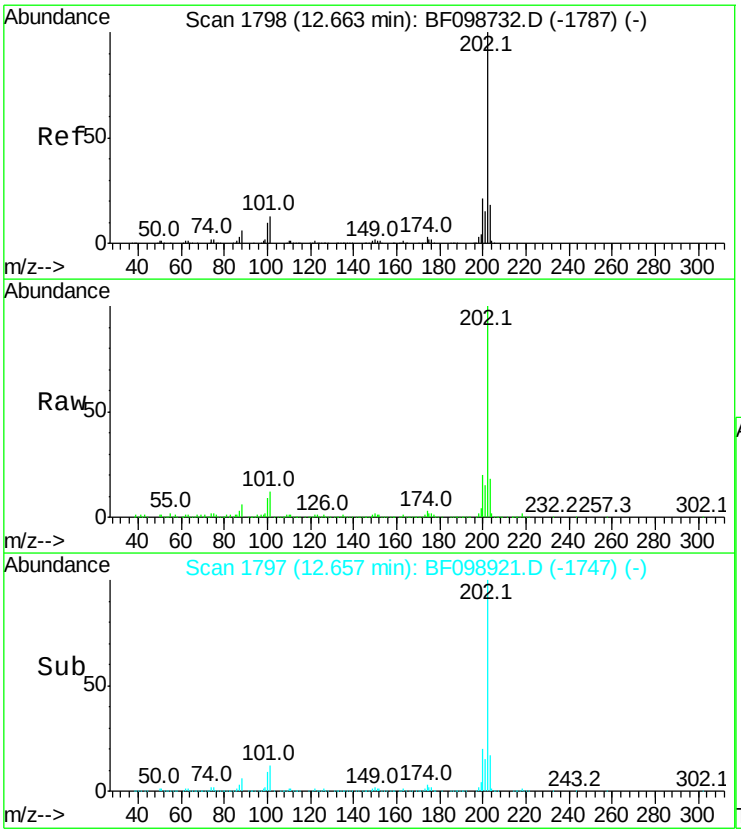
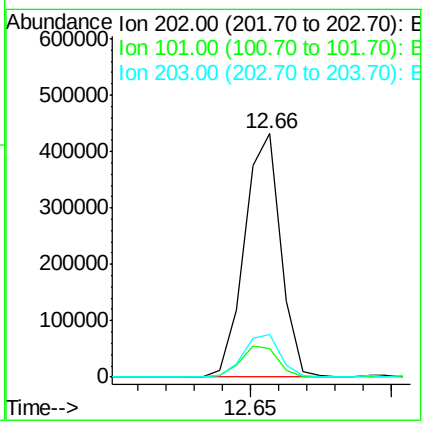
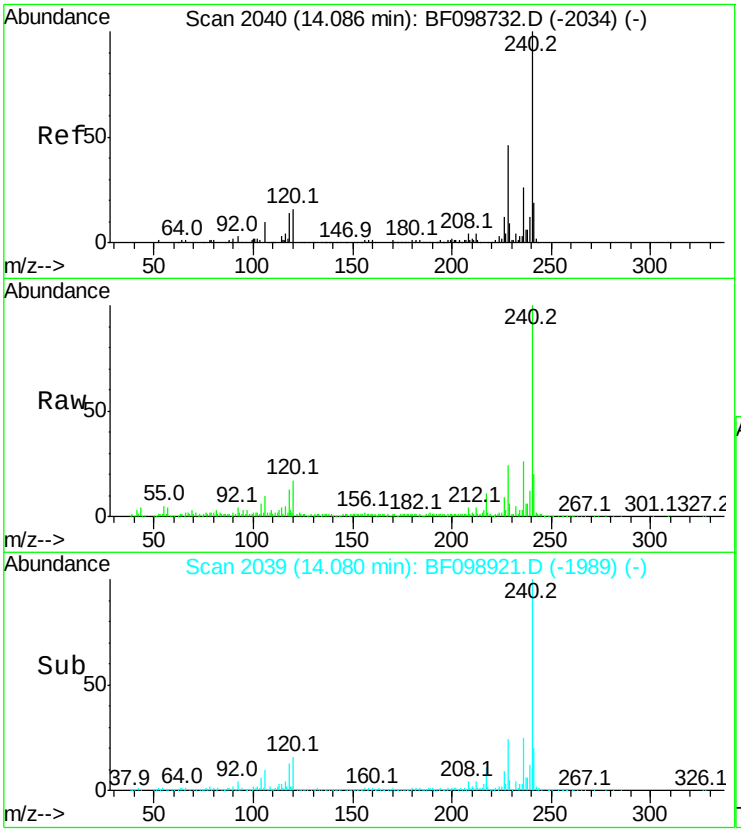


#74
Fluoranthene
Concen: 23.425 ng
RT: 12.66 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Tgt Ion:202 Resp: 383763

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	34.1
203	17.5	0.0	38.1

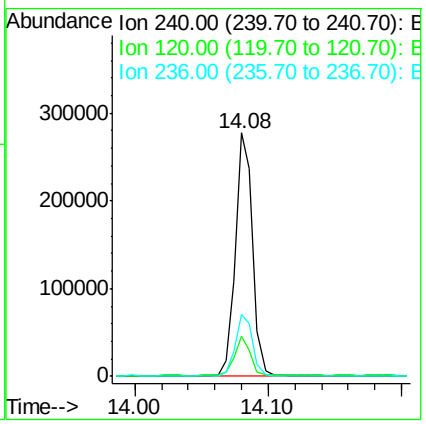




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

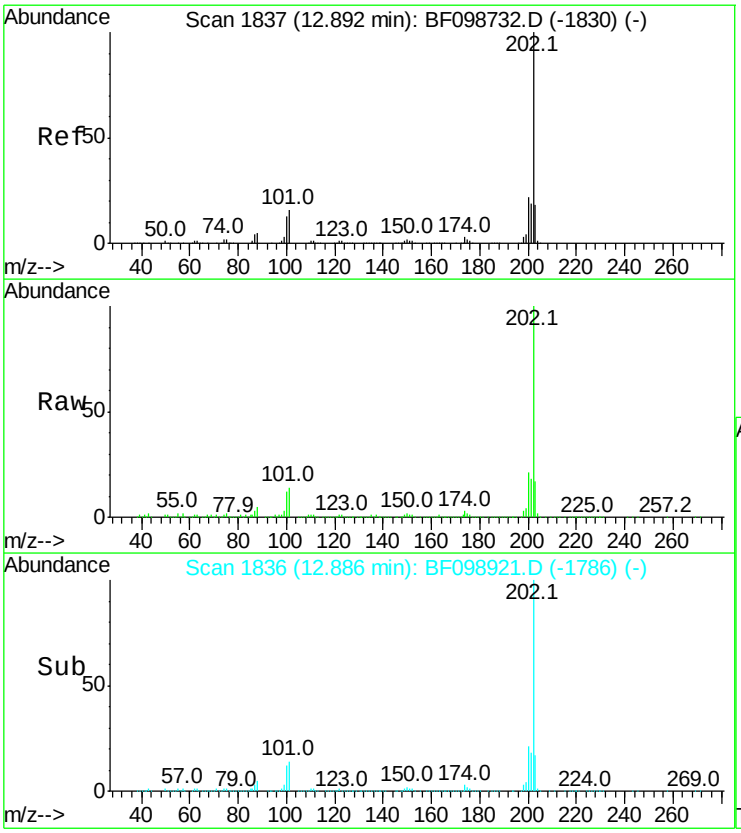
Tgt Ion:240 Resp: 248484

Ion	Ratio	Lower	Upper
240	100		
120	16.5	9.5	14.3#
236	25.6	20.7	31.1



Instrument :
BNA_F
ClientSampleId :
LB-27(2.5-3)

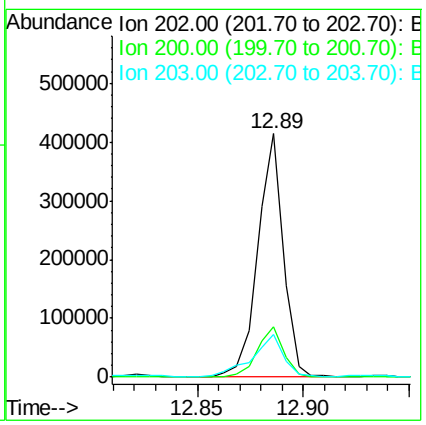
Manual Integrations APPROVED
Sohil
9/29/2017 6:04:35 PM

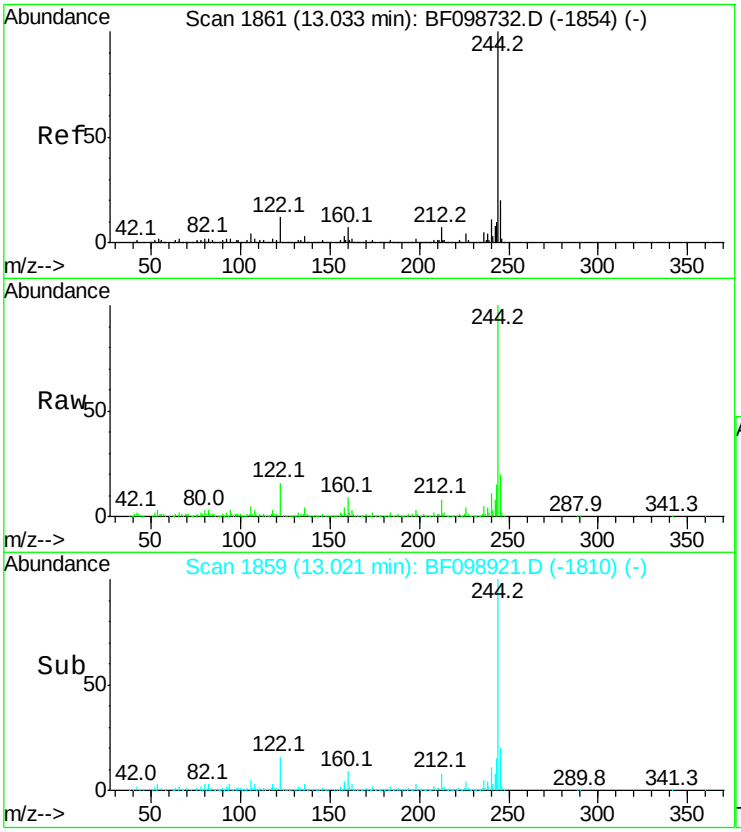


#77
Pyrene
Concen: 18.266 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Tgt Ion:202 Resp: 346108

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	17.4	14.3	21.5

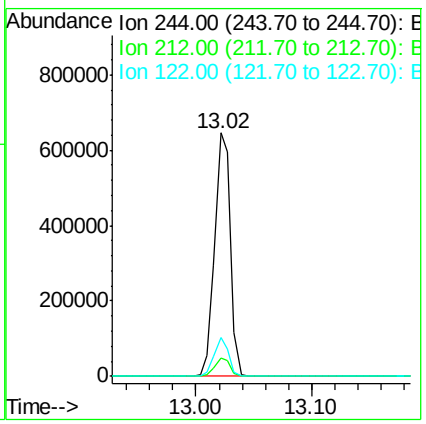




#78
Terphenyl-d14
Concen: 55.699 ng
RT: 13.02 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Tgt Ion:244 Resp: 608583

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.4	8.0
122	15.9	11.0	16.4



Instrument :
BNA_F
ClientSampleId :
LB-27(2.5-3)

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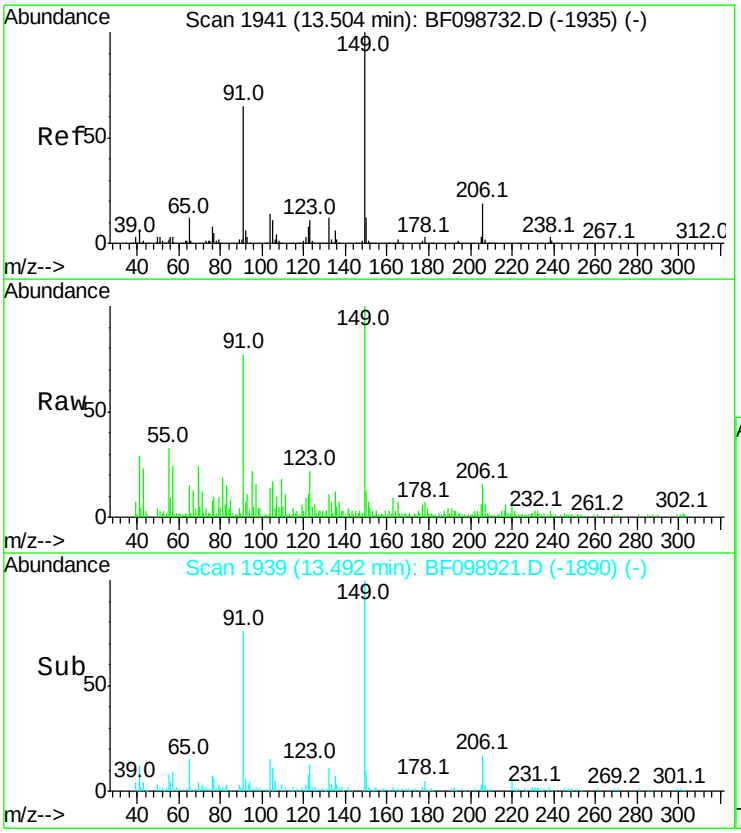
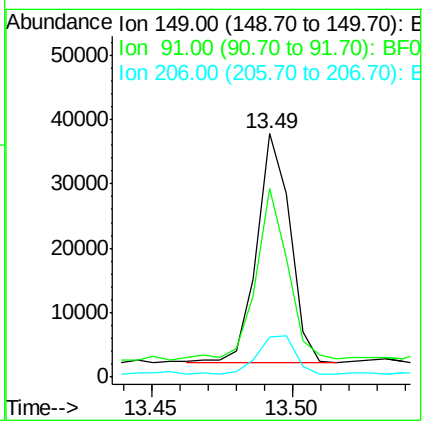
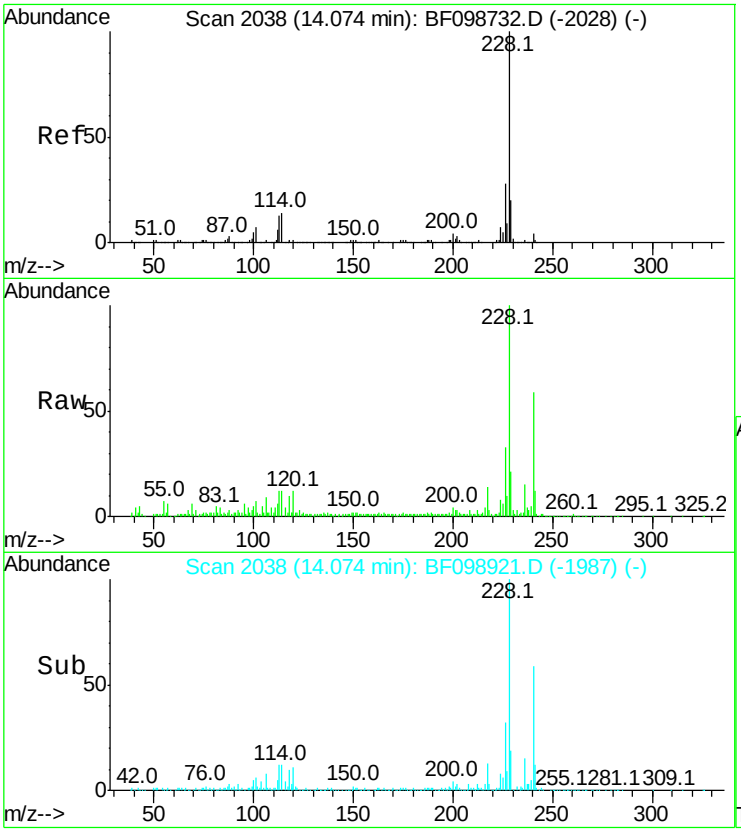


#79
Butylbenzylphthalate
Concen: 3.262 ng
RT: 13.49 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Tgt Ion:149 Resp: 29051

Ion	Ratio	Lower	Upper
149	100		
91	77.4	56.8	85.2
206	16.4	14.1	21.1

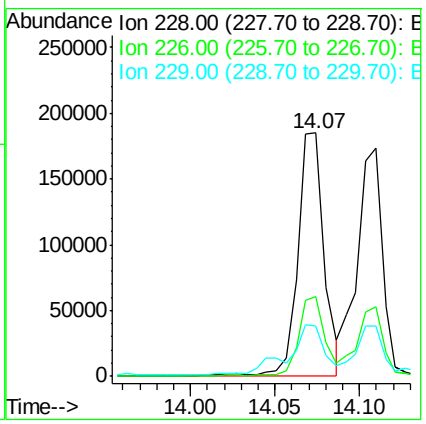




#80
Benzo(a)anthracene
Concen: 13.090 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Tgt Ion:228 Resp: 196950

Ion	Ratio	Lower	Upper
228	100		
226	32.6	22.6	33.8
229	20.6	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
LB-27(2.5-3)

Manual Integrations APPROVED
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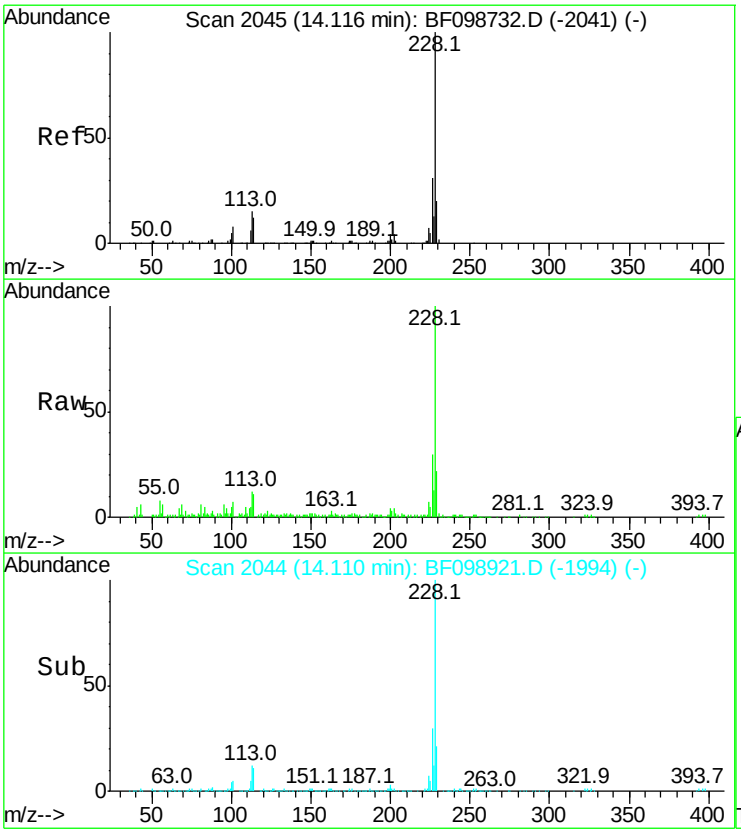
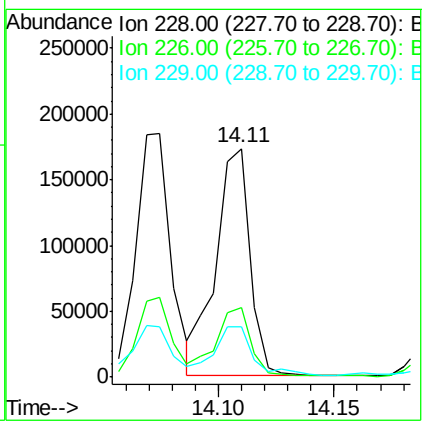
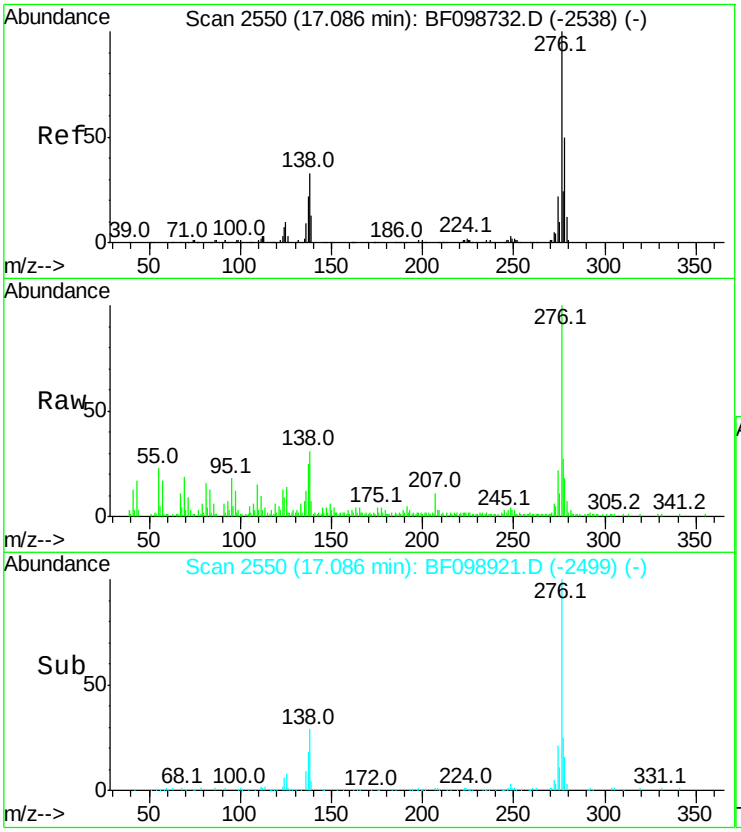


#82
Chrysene
Concen: 12.524 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Tgt Ion:228 Resp: 179400

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	22.2	16.2	24.4

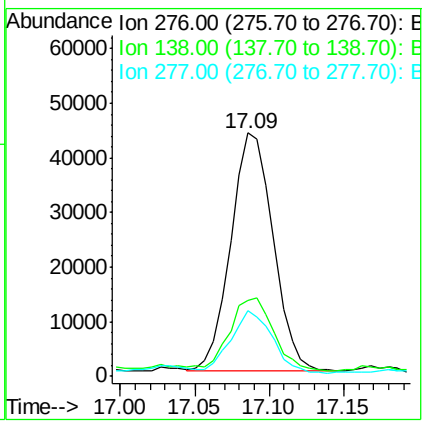




#85
Indeno(1,2,3-cd)pyrene
Concen: 7.506 ng
RT: 17.09 min Scan# 2550
Delta R.T. -0.00 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Tgt Ion:276 Resp: 86006

Ion	Ratio	Lower	Upper
276	100		
138	31.9	25.0	37.6
277	25.0	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
LB-27(2.5-3)

Manual Integrations APPROVED
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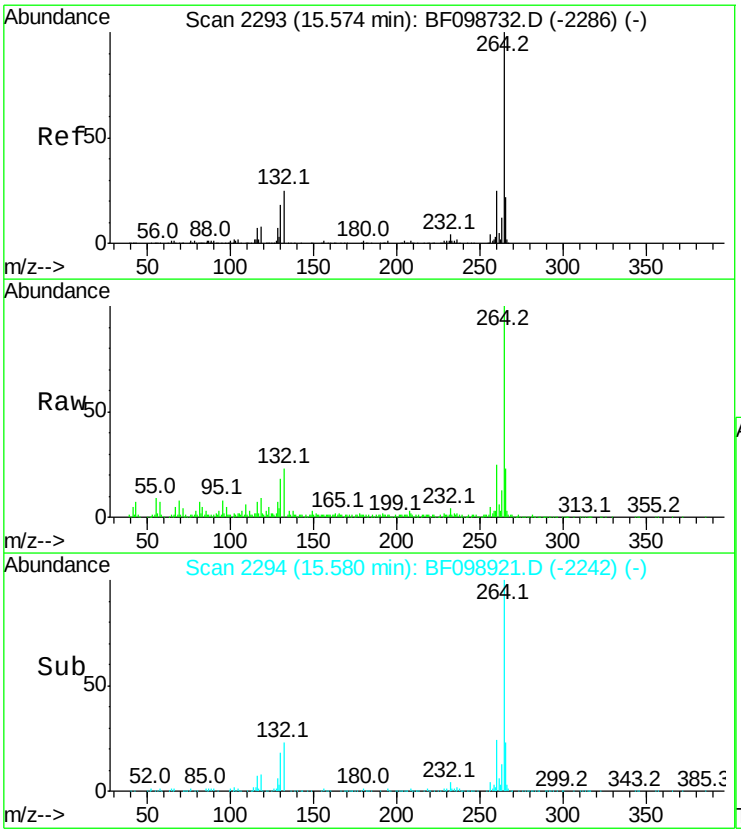
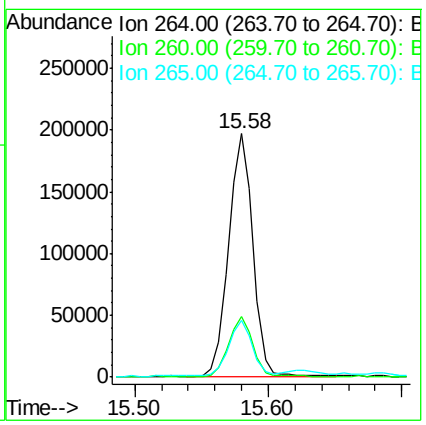
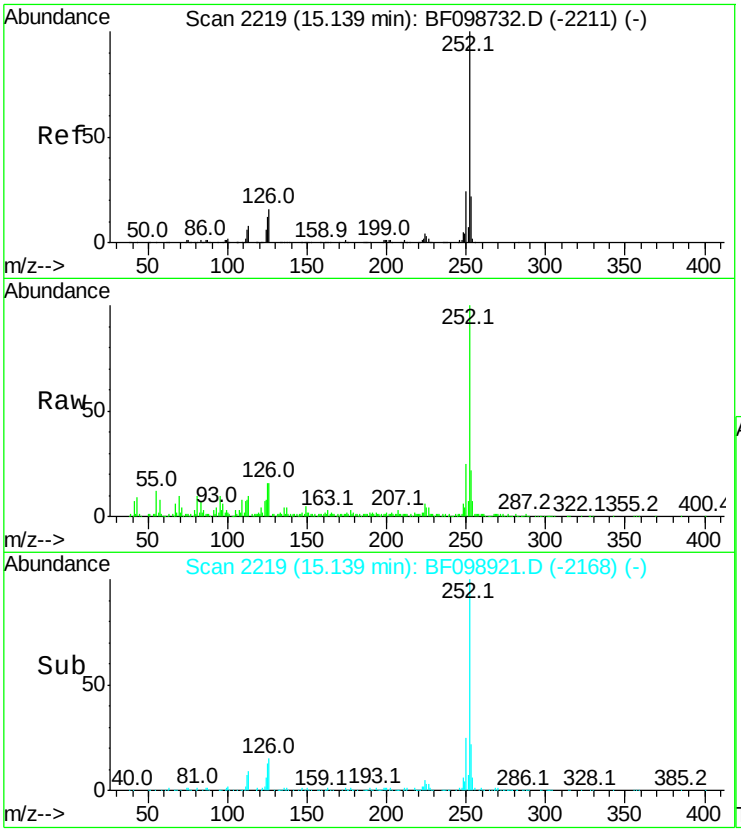


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Tgt Ion:264 Resp: 250772

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	23.4	17.5	26.3

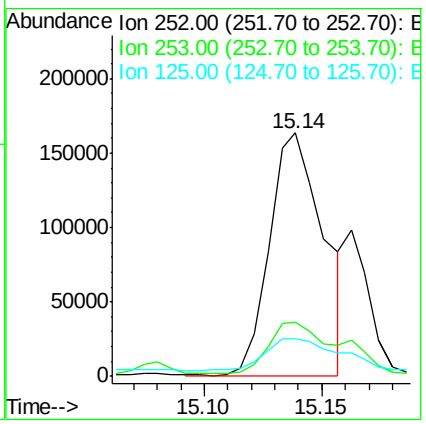




#87
Benzo(b)fluoranthene
Concen: 17.001 ng m
RT: 15.14 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Tgt Ion:252 Resp: 262126

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	15.6	9.0	13.6#



Instrument :
BNA_F
ClientSampleId :
LB-27(2.5-3)

Manual Integrations APPROVED
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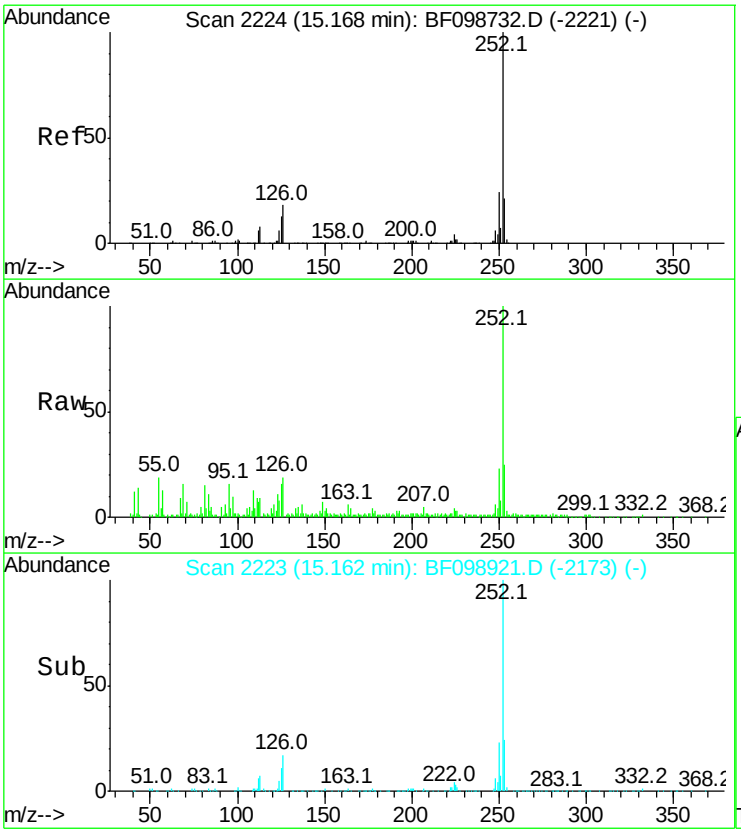
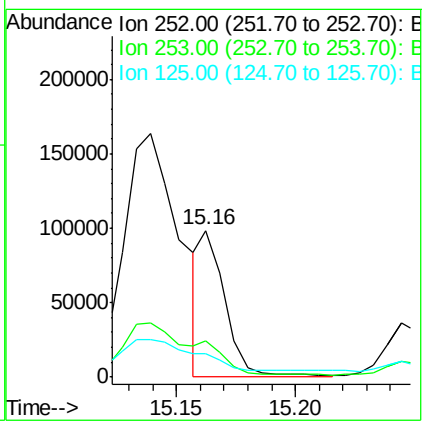
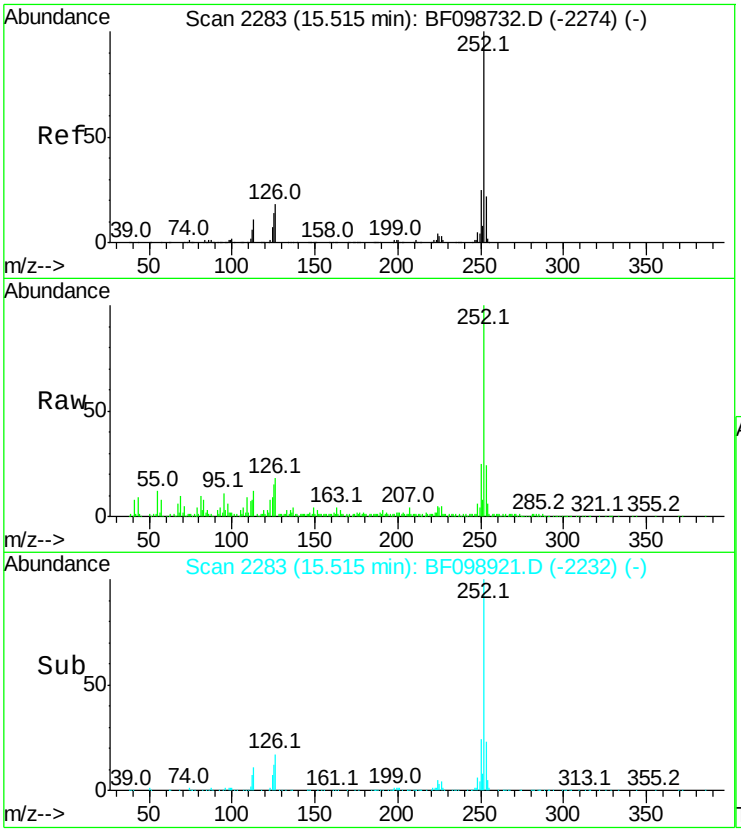


#88
Benzo(k)fluoranthene
Concen: 4.854 ng m
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Tgt Ion:252 Resp: 73928

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.9	26.9
125	15.9	10.2	15.2#





#89
Benzo(a)pyrene
Concen: 12.013 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Tgt Ion:252 Resp: 170027

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	15.3	9.8	14.6#

Instrument :
BNA_F
ClientSampleId :
LB-27(2.5-3)

Manual Integrations APPROVED
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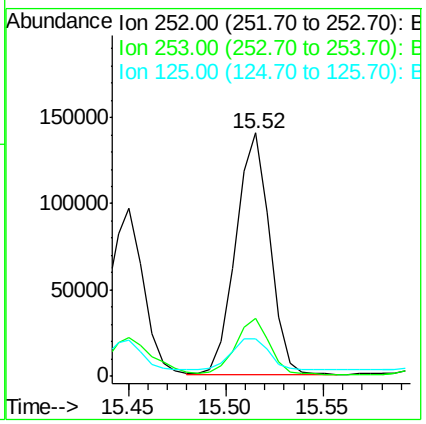

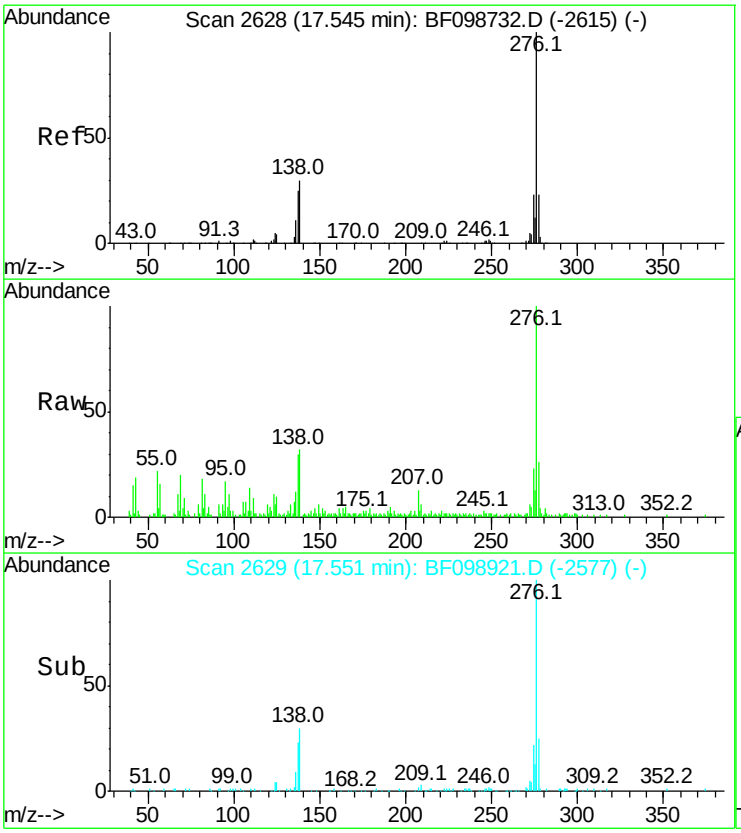

#91
Benzo(g,h,i)perylene
Concen: 7.175 ng
RT: 17.55 min Scan# 2629
Delta R.T. 0.01 min
Lab File: BF098921.D
Acq: 28 Sep 2017 21:59

Tgt Ion:276 Resp: 80333

Ion	Ratio	Lower	Upper
276	100		
277	25.7	17.9	26.9
138	32.2	21.8	32.8