Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109066.D
Acq On : 18 Sep 2018 00:21
Operator : JU/SJ
Sample : J4773-03DL 2X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-091418-BDL

Manual Integrations APPROVED
Sohil
9/18/2018 6:01:22 PM

Quant Time: Sep 18 07:01:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	146712	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	540423	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	233057	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	426946	20.00	ng	0.00
75) Chrysene-d12	13.85	240	343835	20.00	ng	0.00
86) Perylene-d12	15.26	264	292367	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	432084	48.91	ng	0.00
7) Phenol-d6	6.35	99	571707	50.19	ng	0.00
23) Nitrobenzene-d5	7.28	82	345052	35.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	123823	48.96	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	567001	38.12	ng	0.00
78) Terphenyl-d14	12.81	244	484327	33.39	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.47	163	65178	3.913	ng	# 98
51) Acenaphthene	9.78	154	40773	2.908	ng	97
57) Fluorene	10.30	166	74688	5.532	ng	99
70) Phenanthrene	11.25	178	691972	33.063	ng	98
71) Anthracene	11.30	178	216855	10.222	ng	98
74) Fluoranthene	12.44	202	1085889	49.147	ng	99
77) Pyrene	12.67	202	951600	37.260	ng	100
80) Benzo(a)anthracene	13.85	228	491899	23.630	ng	98
82) Chrysene	13.88	228	429986	20.645	ng	97
85) Indeno(1,2,3-cd)pyrene	16.61	276	167045m	10.032	ng	
87) Benzo(b)fluoranthene	14.87	252	437196m	27.030	ng	
88) Benzo(k)fluoranthene	14.89	252	178498m	11.816	ng	
89) Benzo(a)pyrene	15.20	252	316969	22.067	ng	96
90) Dibenzo(a,h)anthracene	16.62	278	43172m	3.577	ng	
91) Benzo(g,h,i)perylene	17.01	276	149000	12.350	ng	93

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

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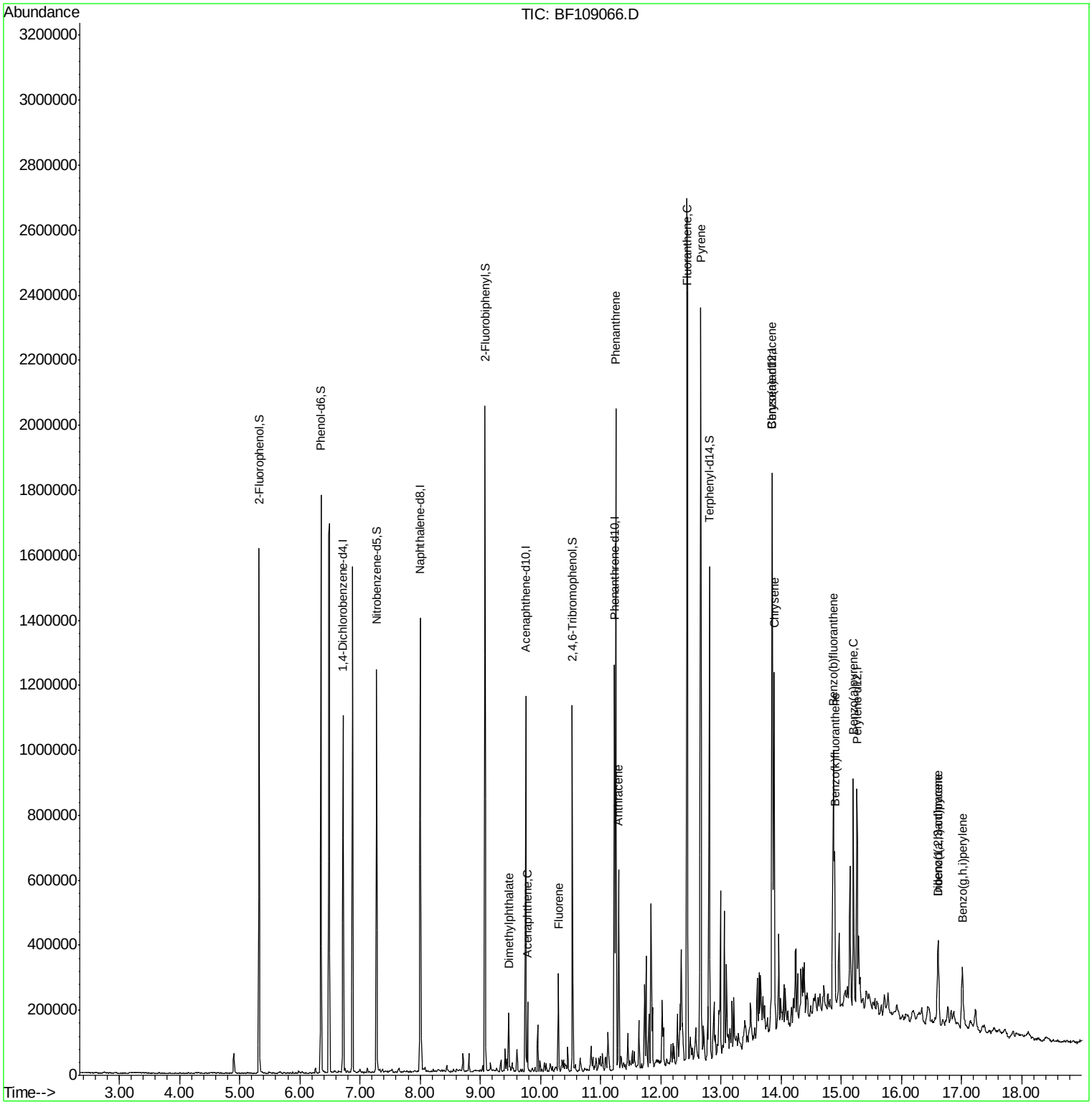
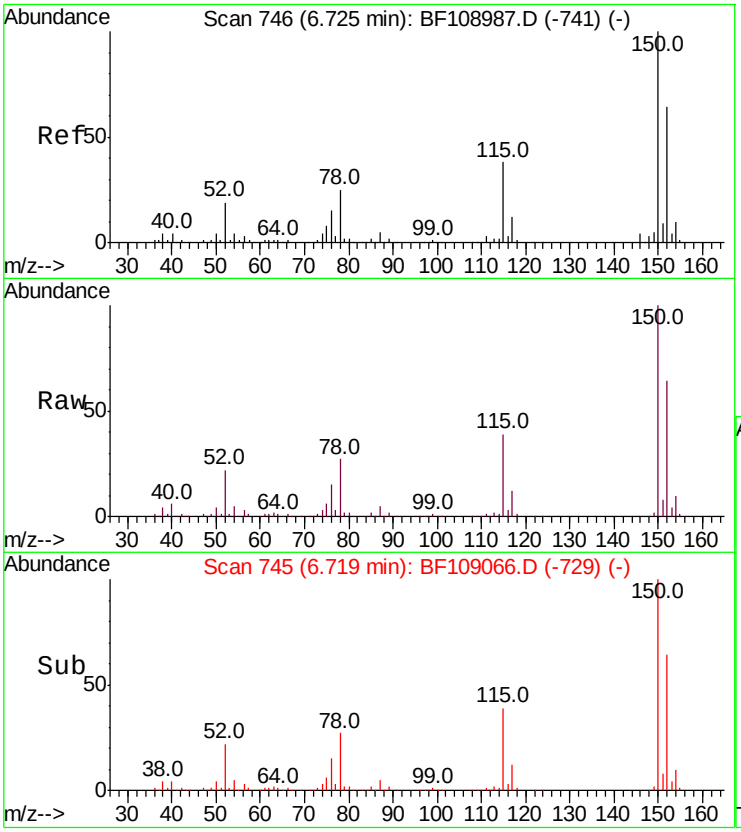
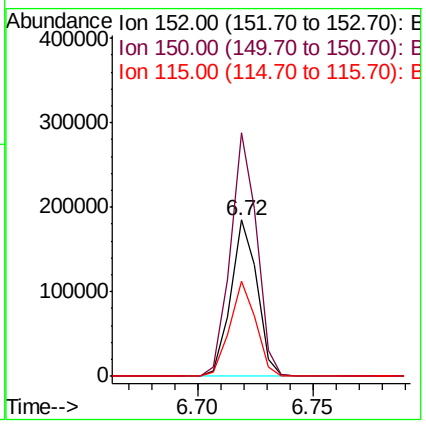




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109066.D
Acq: 18 Sep 2018 00:21

Tgt Ion:152 Resp: 146712

Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	60.9	50.1	75.1



Instrument :
BNA_F
ClientSampleId :
CL-01-091418-BDL

Manual Integrations APPROVED
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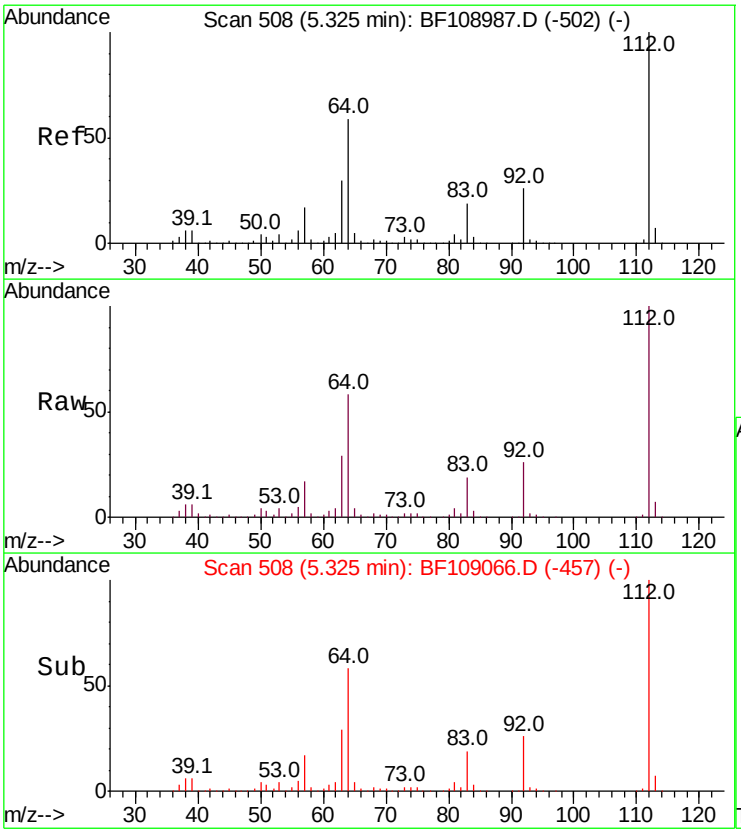
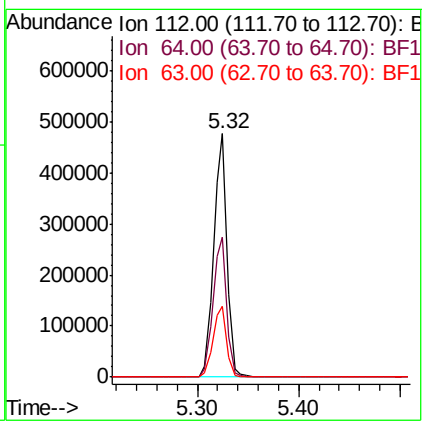
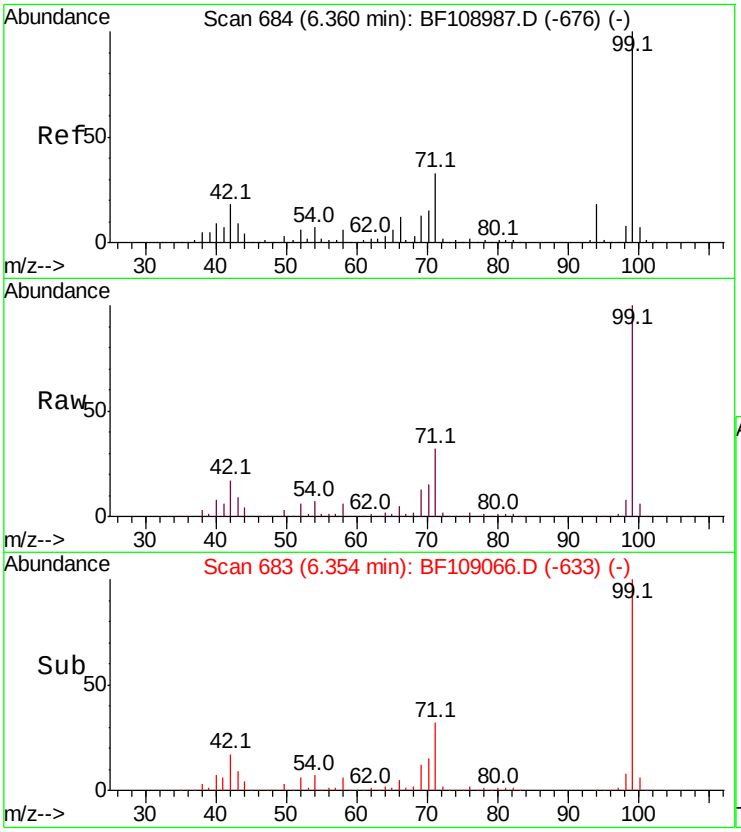


#5
2-Fluorophenol
Concen: 48.915 ng
RT: 5.32 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF109066.D
Acq: 18 Sep 2018 00:21

Tgt Ion:112 Resp: 432084

Ion	Ratio	Lower	Upper
112	100		
64	57.5	47.9	71.9
63	29.2	23.7	35.5

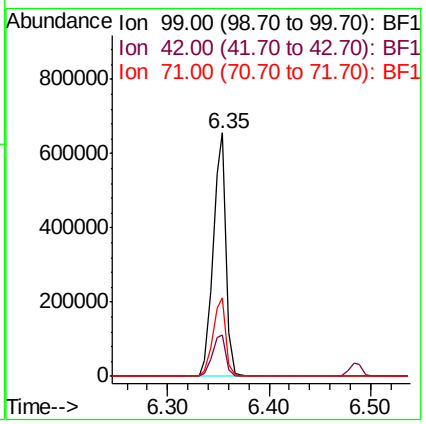




#7
Phenol-d6
Concen: 50.193 ng
RT: 6.35 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF109066.D
Acq: 18 Sep 2018 00:21

Tgt Ion: 99 Resp: 571707

Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.5	21.7
71	32.3	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
CL-01-091418-BDL

Manual Integrations APPROVED
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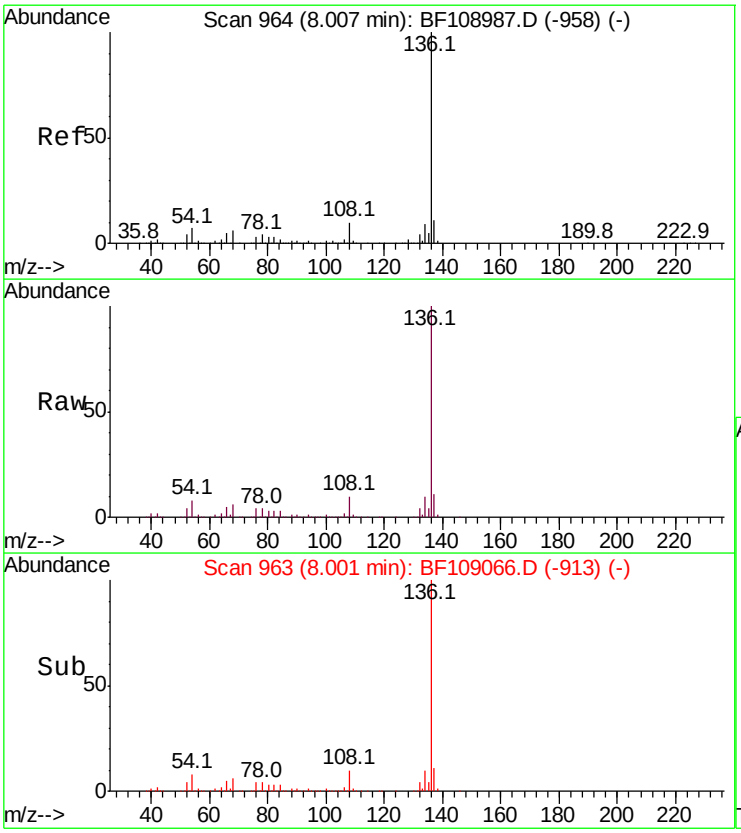
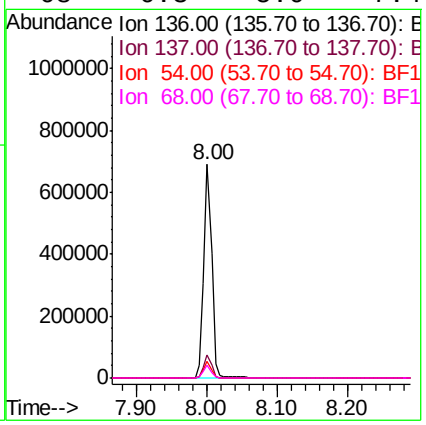
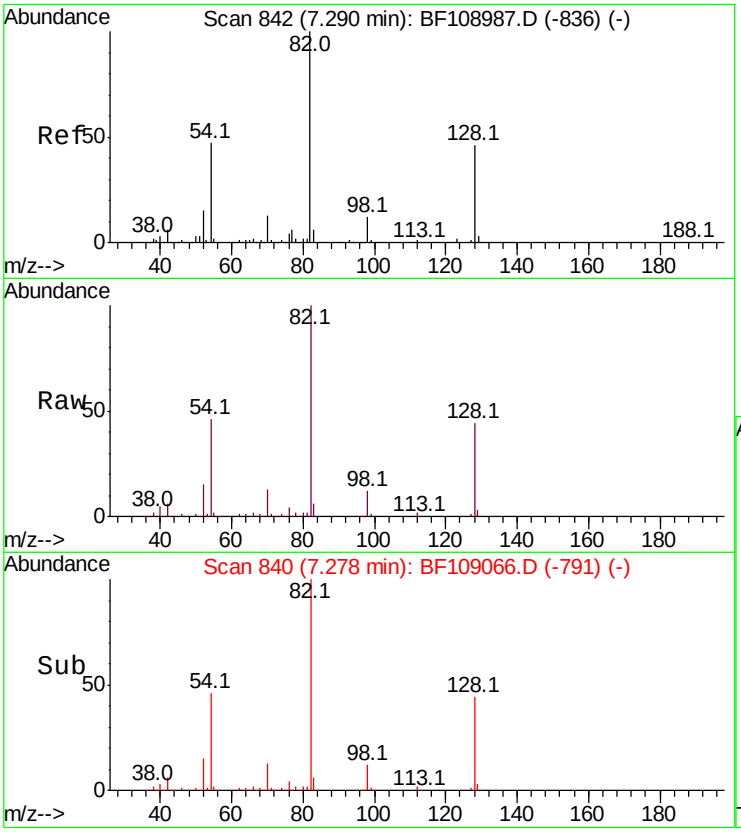


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109066.D
Acq: 18 Sep 2018 00:21

Tgt Ion:136 Resp: 540423

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.5	6.6	9.8
68	6.3	5.0	7.4

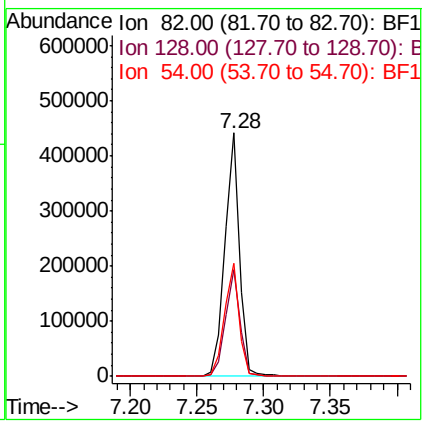




#23
Nitrobenzene-d5
Concen: 35.811 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109066.D
Acq: 18 Sep 2018 00:21

Tgt Ion: 82 Resp: 345052

Ion	Ratio	Lower	Upper
82	100		
128	44.0	36.1	54.1
54	46.4	41.4	62.2



Instrument :
BNA_F
ClientSampleId :
CL-01-091418-BDL

Manual Integrations APPROVED
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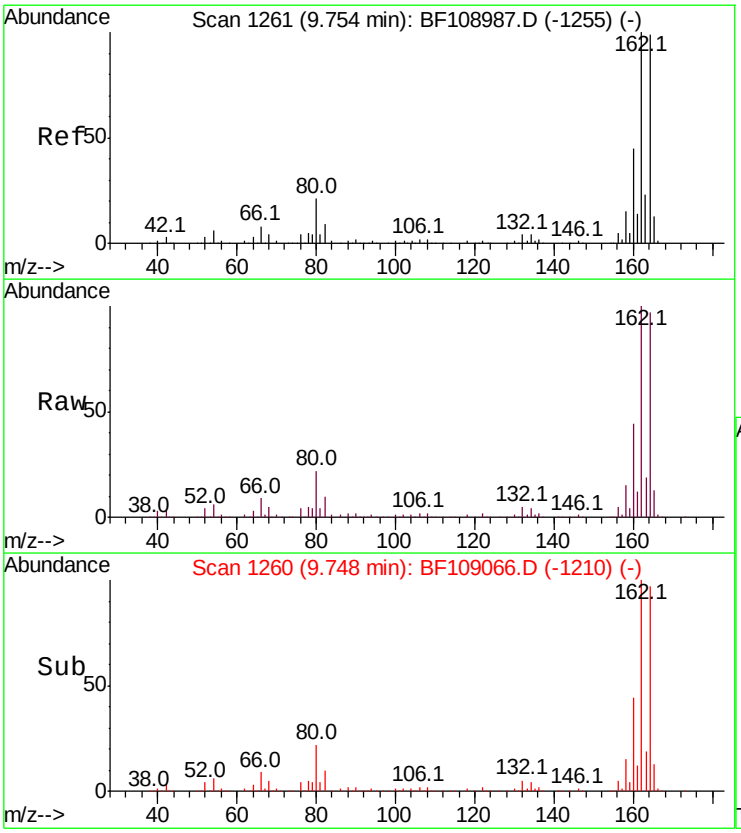
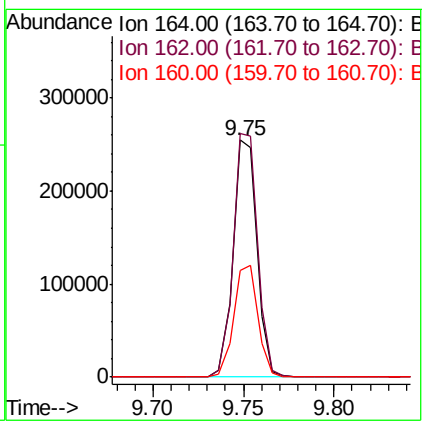
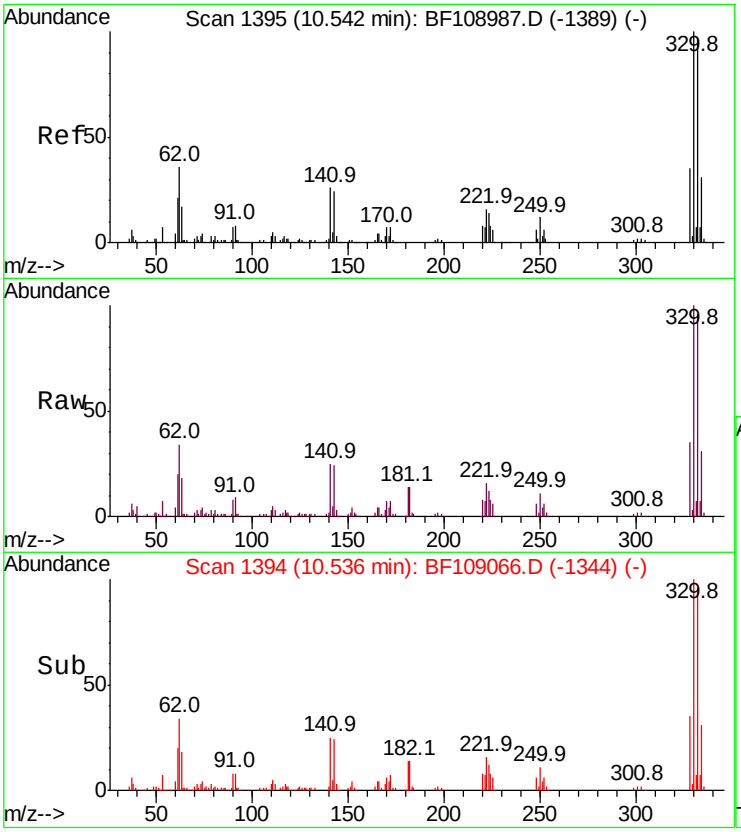


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109066.D
Acq: 18 Sep 2018 00:21

Tgt Ion:164 Resp: 233057

Ion	Ratio	Lower	Upper
164	100		
162	102.8	86.1	129.1
160	45.2	38.3	57.5





#41
2,4,6-Tribromophenol
Concen: 48.956 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF109066.D
Acq: 18 Sep 2018 00:21

Tgt Ion:330 Resp: 123823

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	33.5	29.9	44.9

Instrument :
BNA_F
ClientSampleId :
CL-01-091418-BDL

Manual Integrations APPROVED
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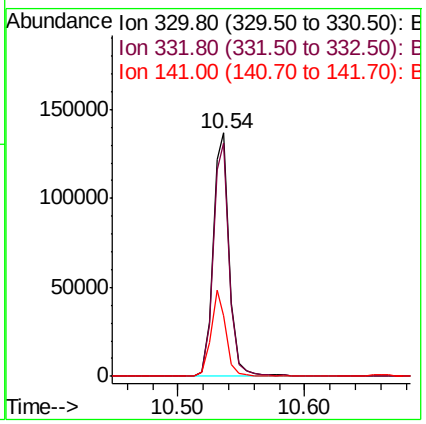
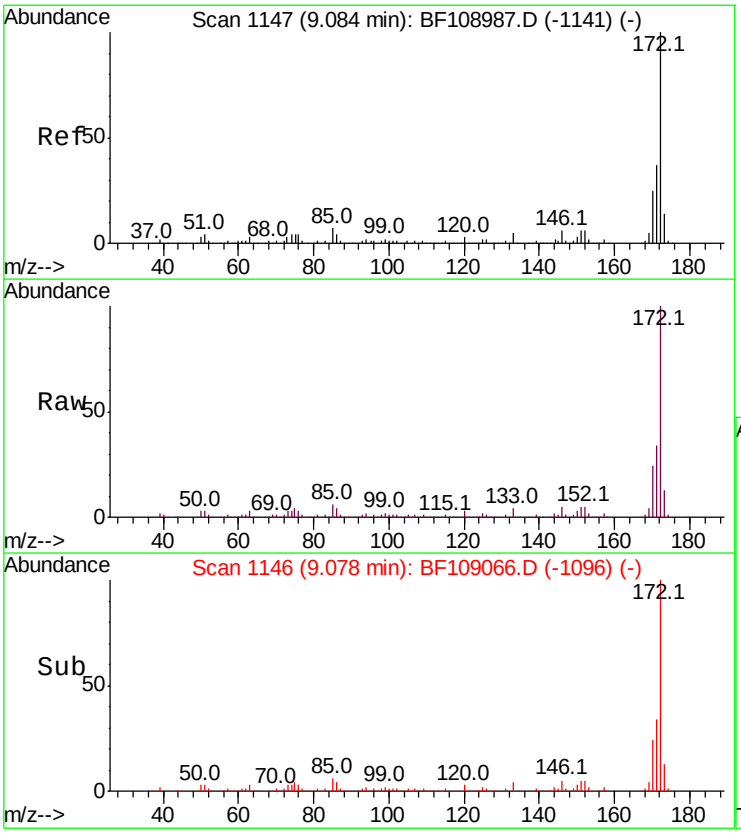
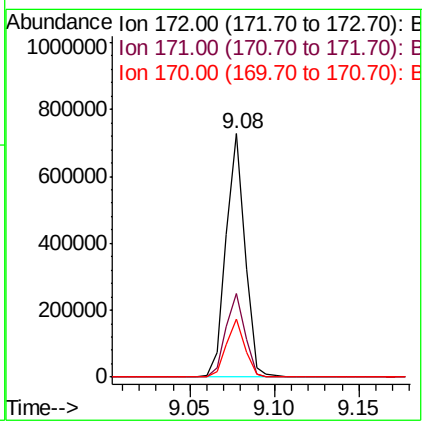


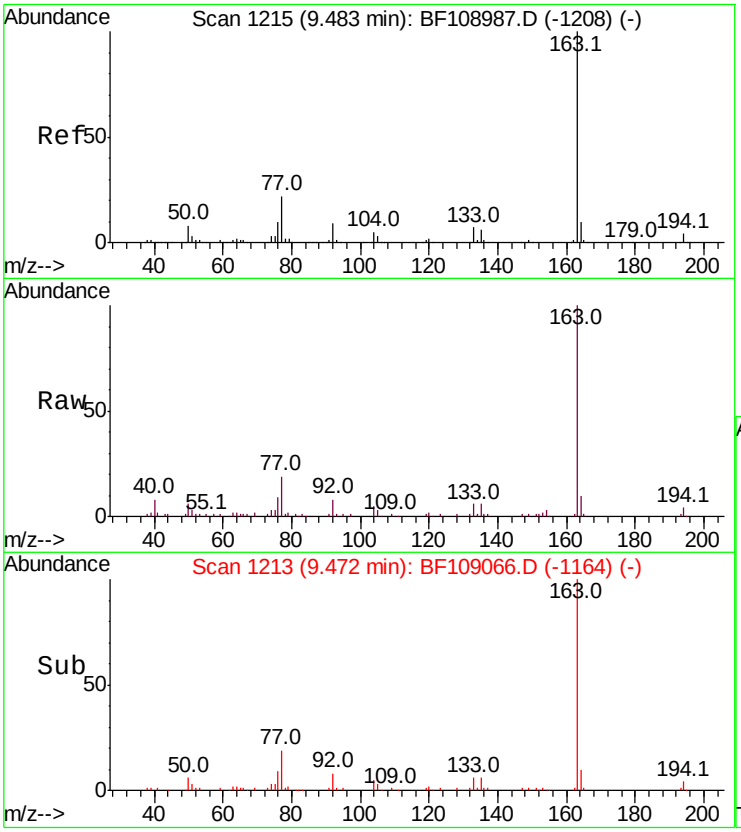


#44
2-Fluorobiphenyl
Concen: 38.117 ng
RT: 9.08 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF109066.D
Acq: 18 Sep 2018 00:21

Tgt Ion:172 Resp: 567001

Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.7	44.5
170	23.7	19.6	29.4

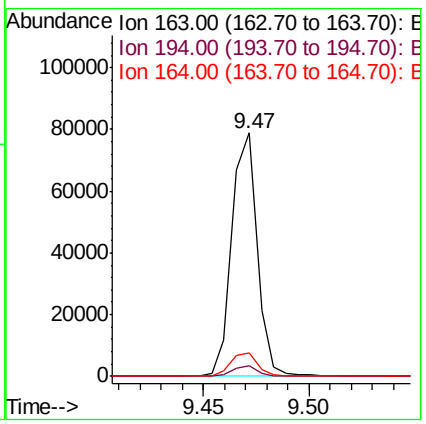




#49
Dimethylphthalate
Concen: 3.913 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF109066.D
Acq: 18 Sep 2018 00:21

Tgt Ion:163 Resp: 65178

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	9.7	8.2	12.2



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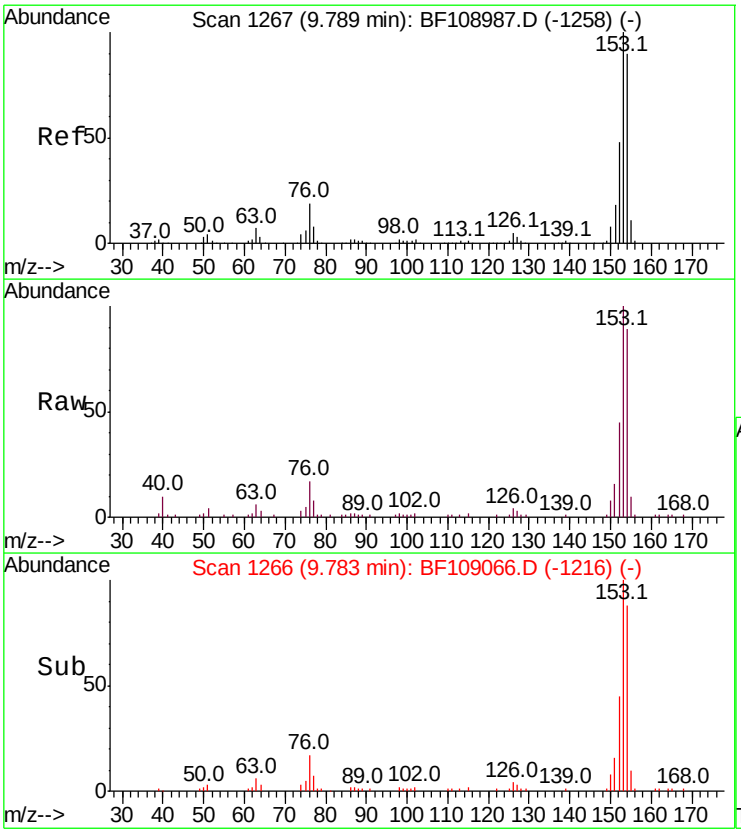
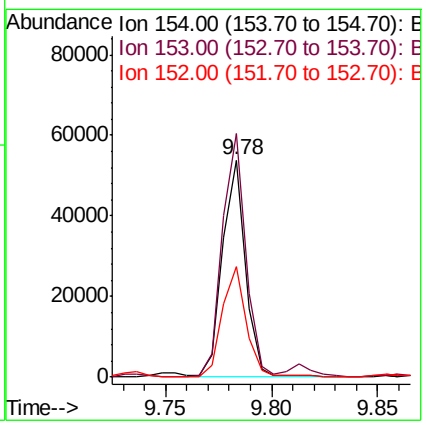
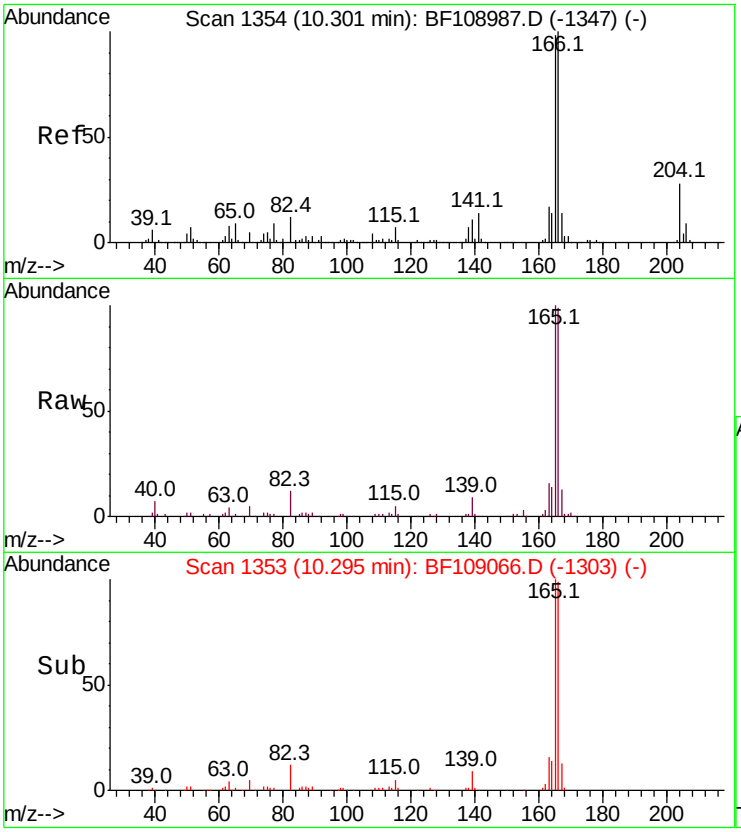


#51
Acenaphthene
Concen: 2.908 ng
RT: 9.78 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF109066.D
Acq: 18 Sep 2018 00:21

Tgt Ion:154 Resp: 40773

Ion	Ratio	Lower	Upper
154	100		
153	112.2	91.2	136.8
152	51.0	43.8	65.8

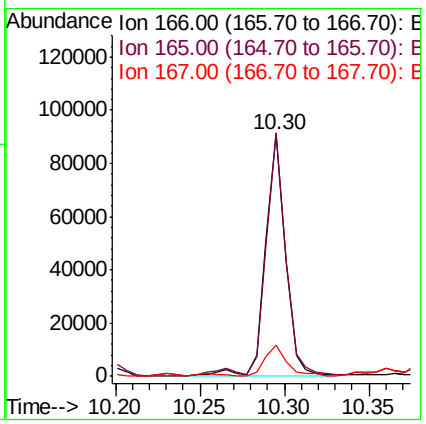




#57
Fluorene
Concen: 5.532 ng
RT: 10.30 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF109066.D
Acq: 18 Sep 2018 00:21

Tgt Ion:166 Resp: 74688

Ion	Ratio	Lower	Upper
166	100		
165	100.6	79.8	119.8
167	12.9	10.6	16.0



Instrument :
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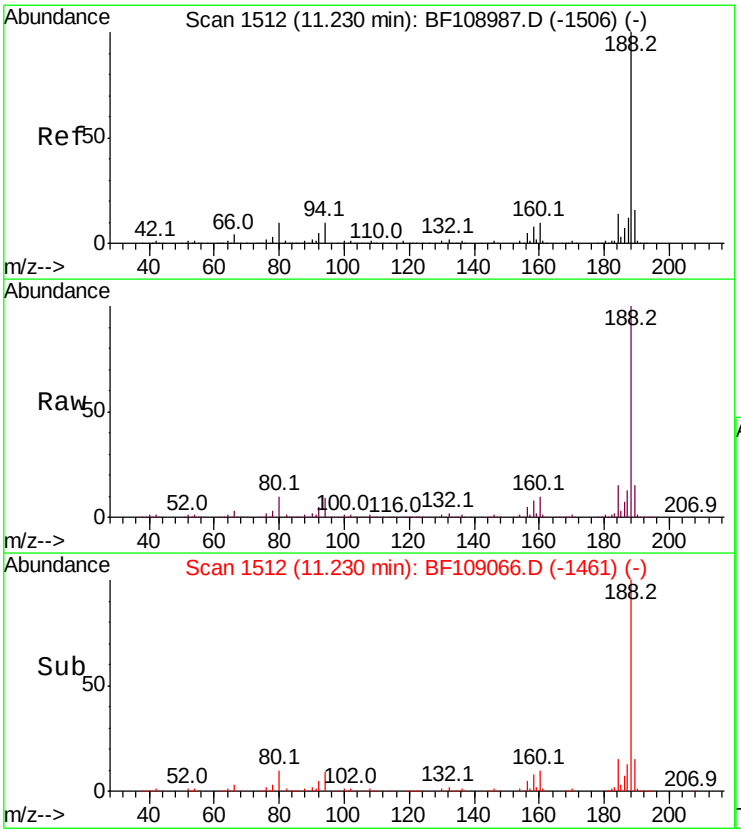
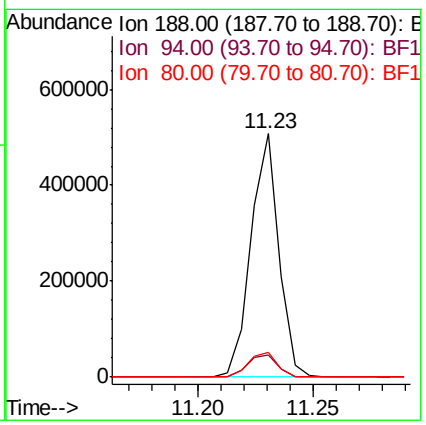
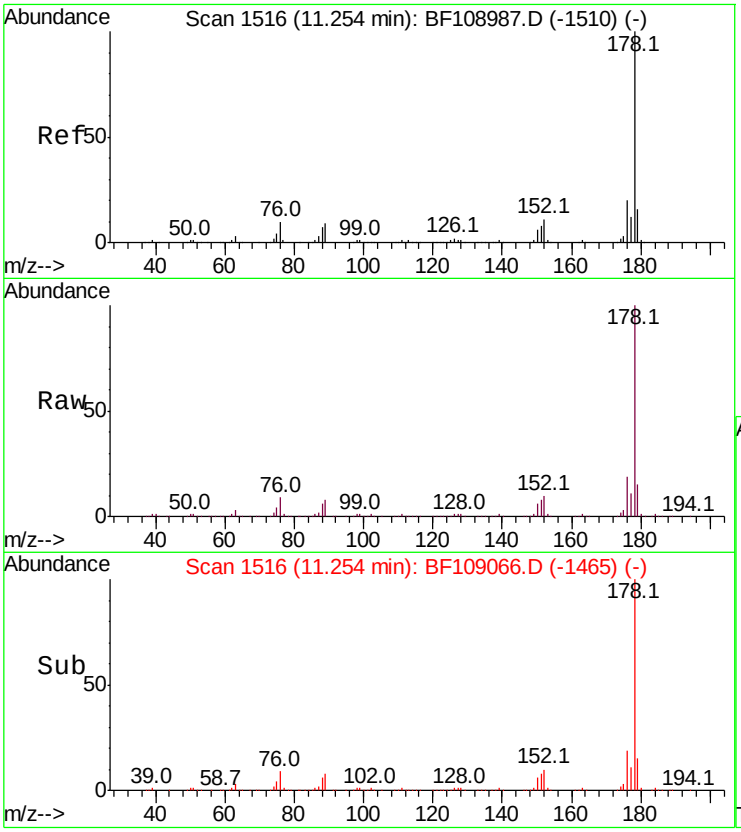


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF109066.D
Acq: 18 Sep 2018 00:21

Tgt Ion:188 Resp: 426946

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	10.1	9.2	13.8

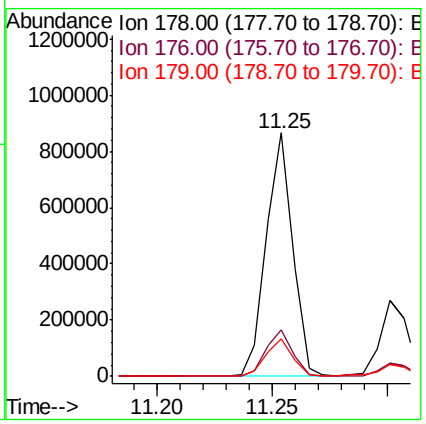




#70
Phenanthrene
Concen: 33.063 ng
RT: 11.25 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BF109066.D
Acq: 18 Sep 2018 00:21

Tgt Ion:178 Resp: 691972

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.3	13.0	19.6



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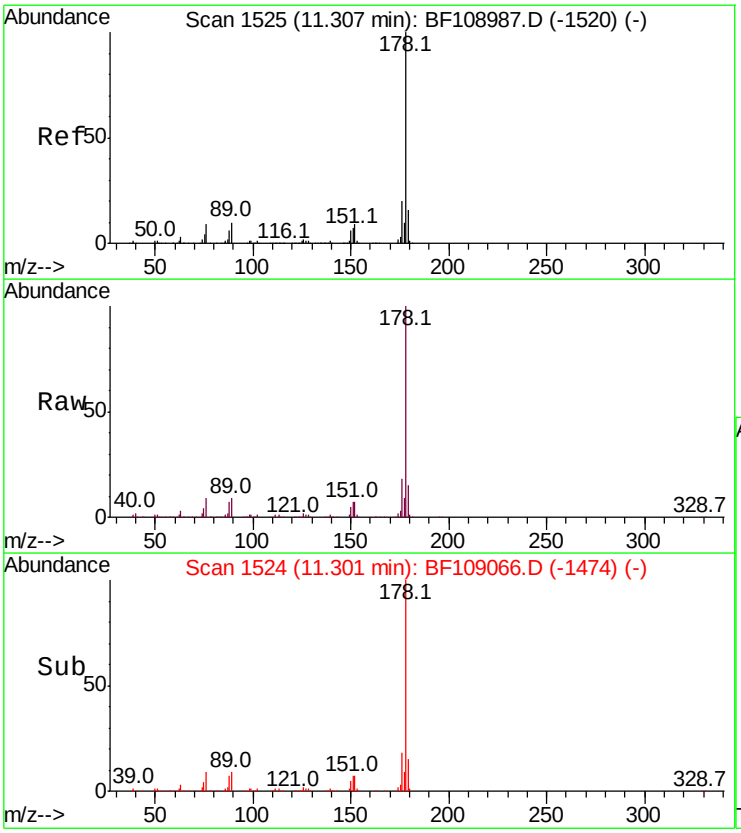
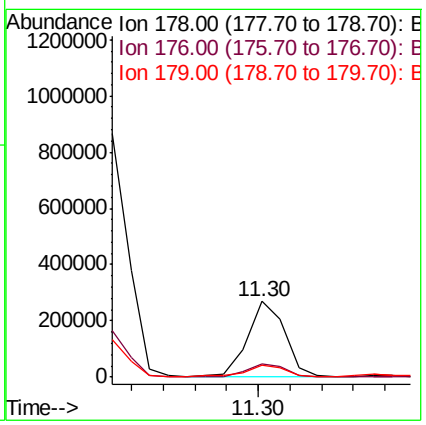
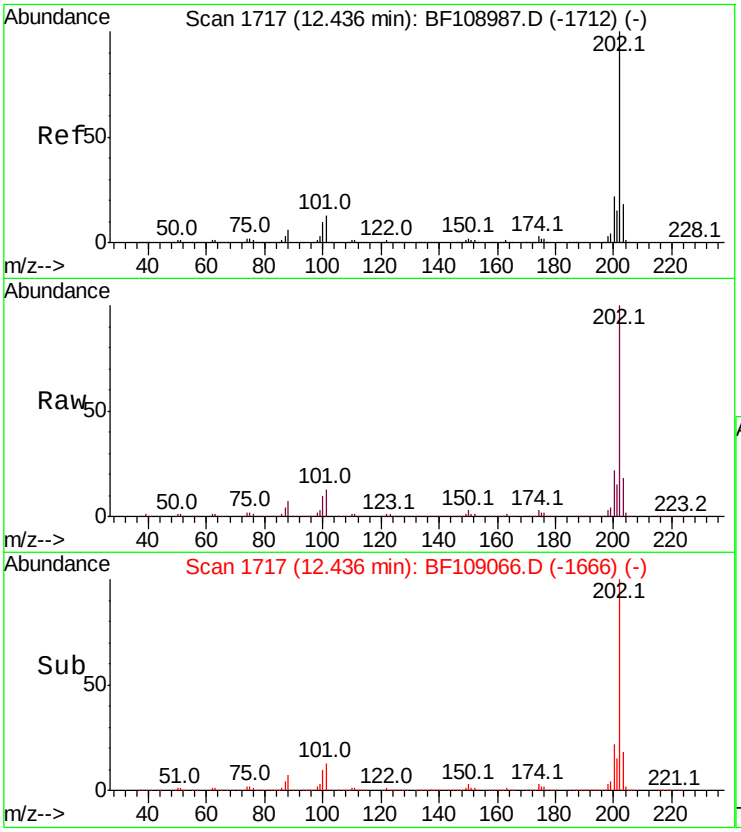


#71
Anthracene
Concen: 10.222 ng
RT: 11.30 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF109066.D
Acq: 18 Sep 2018 00:21

Tgt Ion:178 Resp: 216855

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.4	23.2
179	15.3	12.6	19.0

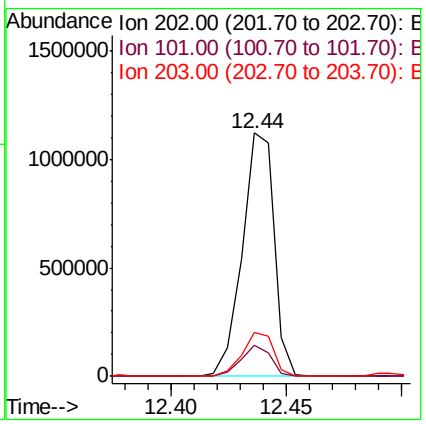




#74
Fluoranthene
Concen: 49.147 ng
RT: 12.44 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BF109066.D
Acq: 18 Sep 2018 00:21

Tgt Ion:202 Resp: 1085889

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	34.1
203	18.1	0.0	38.1



Instrument :
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ClientSampleId :
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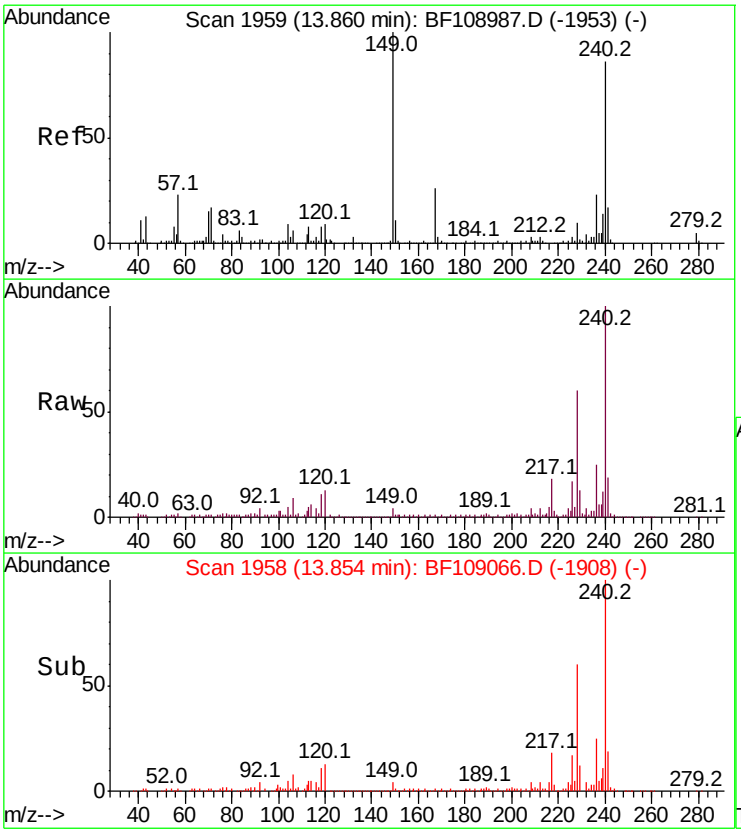
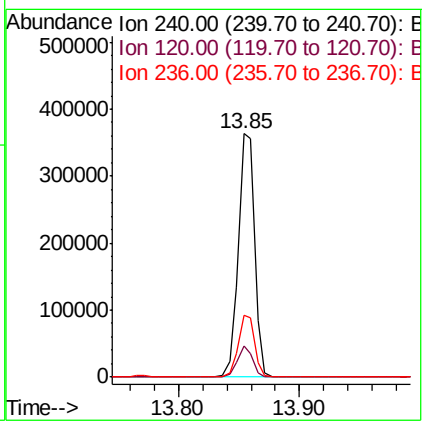
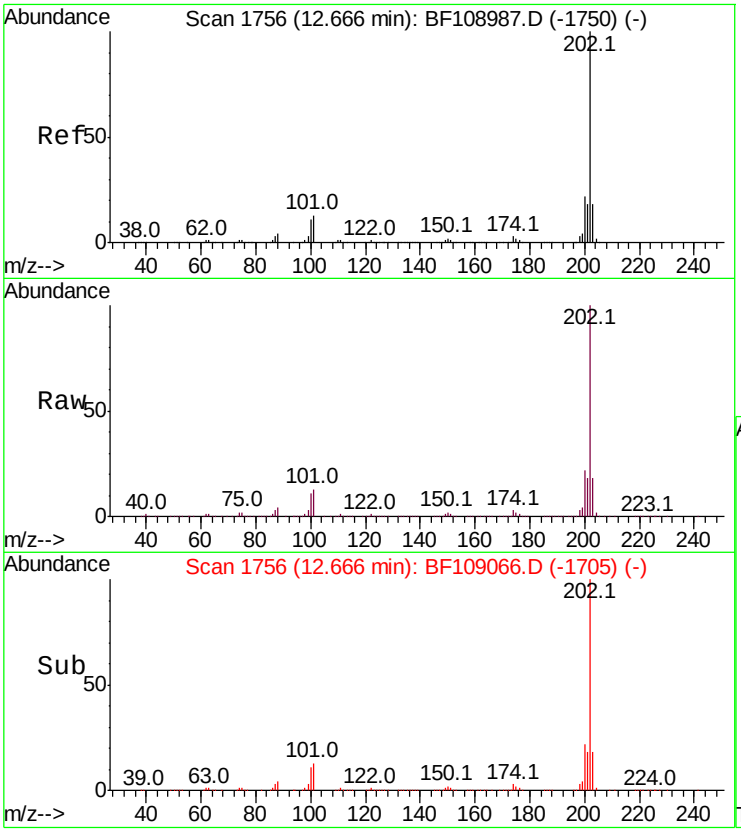


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BF109066.D
Acq: 18 Sep 2018 00:21

Tgt Ion:240 Resp: 343835

Ion	Ratio	Lower	Upper
240	100		
120	12.8	9.5	14.3
236	25.2	20.7	31.1

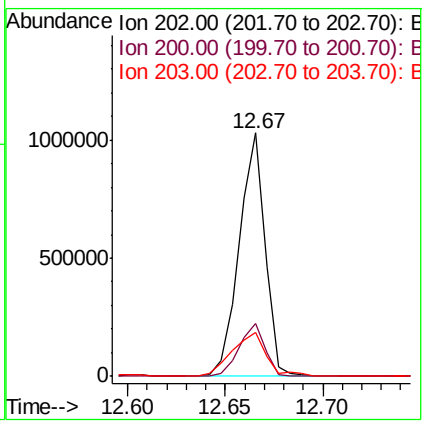




#77
Pyrene
Concen: 37.260 ng
RT: 12.67 min Scan# 1756
Delta R.T. -0.00 min
Lab File: BF109066.D
Acq: 18 Sep 2018 00:21

Tgt Ion:202 Resp: 951600

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	18.0	14.3	21.5



Instrument :
BNA_F
ClientSampleId :
CL-01-091418-BDL

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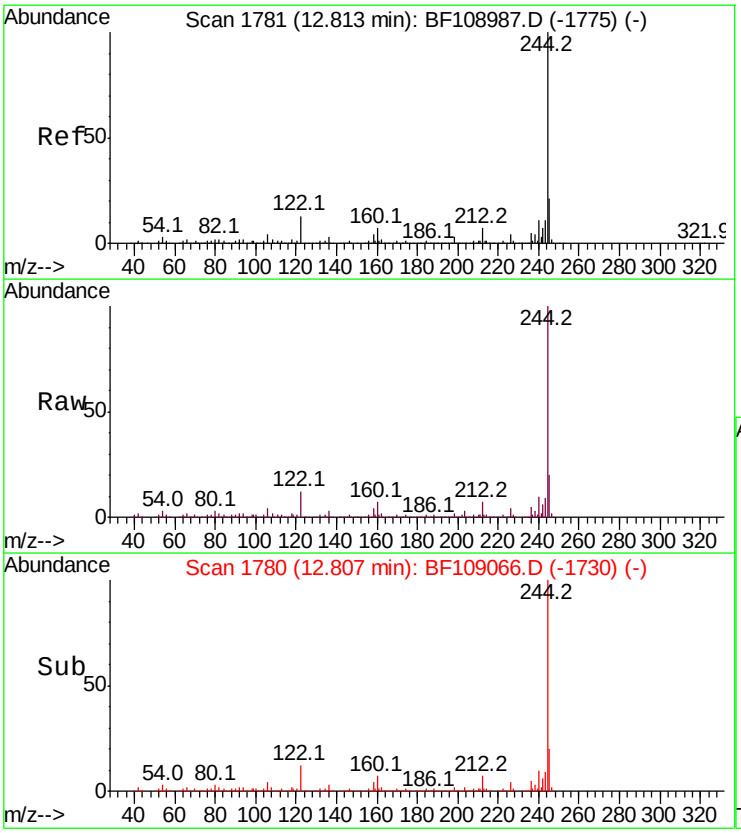
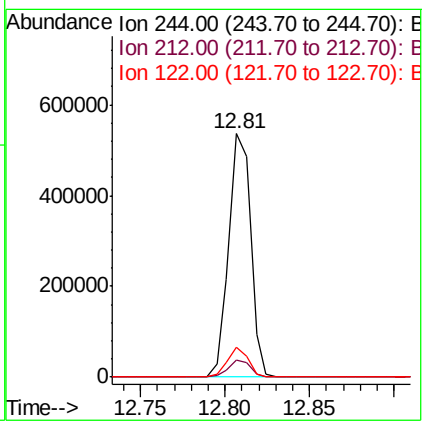
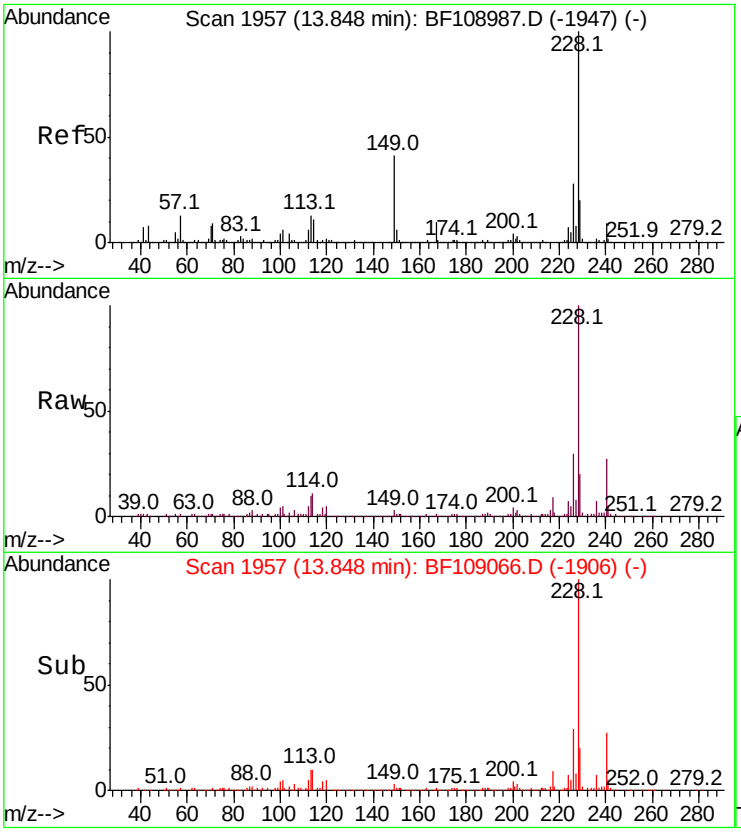


#78
Terphenyl-d14
Concen: 33.388 ng
RT: 12.81 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BF109066.D
Acq: 18 Sep 2018 00:21

Tgt Ion:244 Resp: 484327

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.5	11.0	16.4

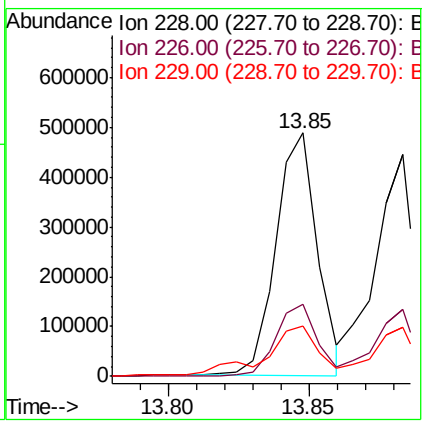




#80
Benzo(a)anthracene
Concen: 23.630 ng
RT: 13.85 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BF109066.D
Acq: 18 Sep 2018 00:21

Tgt Ion:228 Resp: 491899

Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.6	33.8
229	20.4	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
CL-01-091418-BDL

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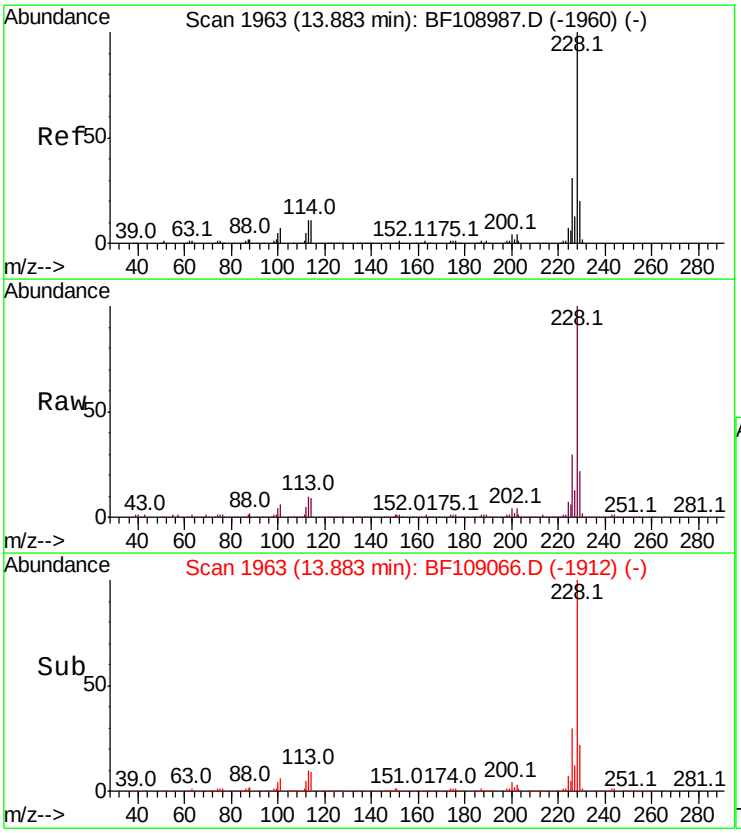
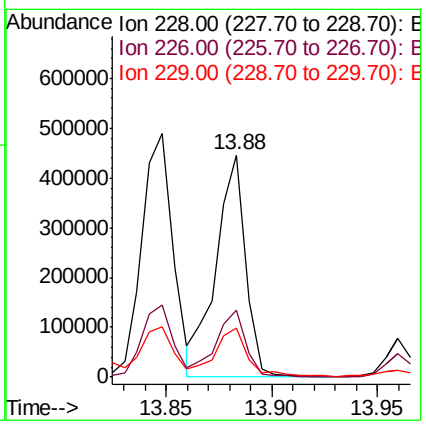
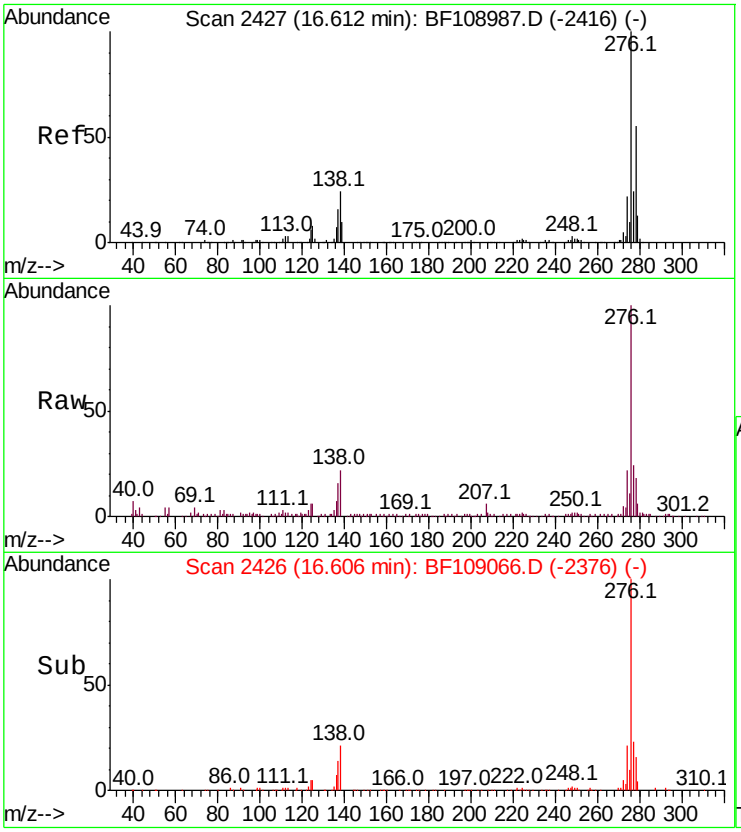


#82
Chrysene
Concen: 20.645 ng
RT: 13.88 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BF109066.D
Acq: 18 Sep 2018 00:21

Tgt Ion:228 Resp: 429986

Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	22.0	16.2	24.4





#85
Indeno(1,2,3-cd)pyrene
Concen: 10.032 ng m
RT: 16.61 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BF109066.D
Acq: 18 Sep 2018 00:21

Tgt Ion:276 Resp: 167045

Ion	Ratio	Lower	Upper
276	100		
138	4.9	25.0	37.6#
277	4.8	20.1	30.1#

Instrument :
BNA_F
ClientSampleId :
CL-01-091418-BDL

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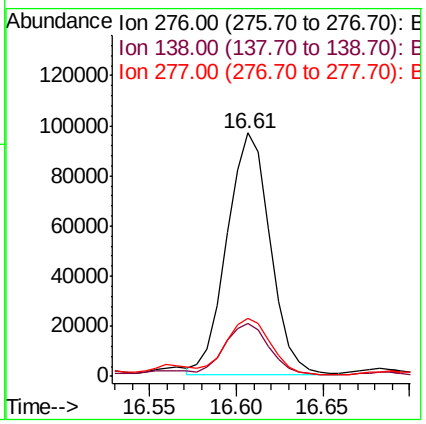
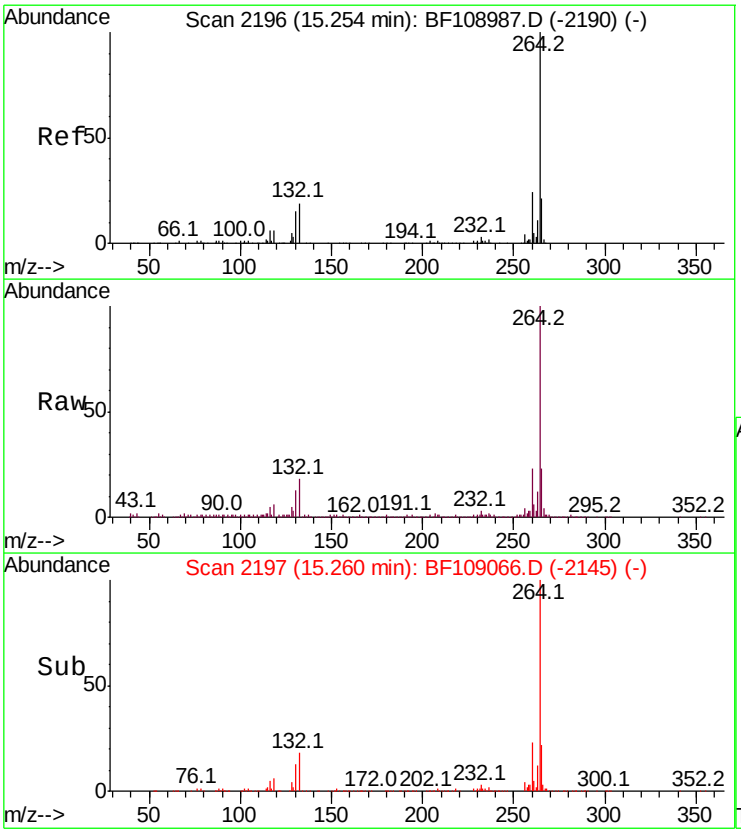
9/18/2018 6:01:22 PM

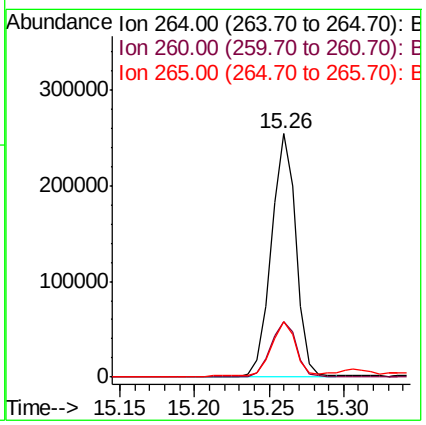


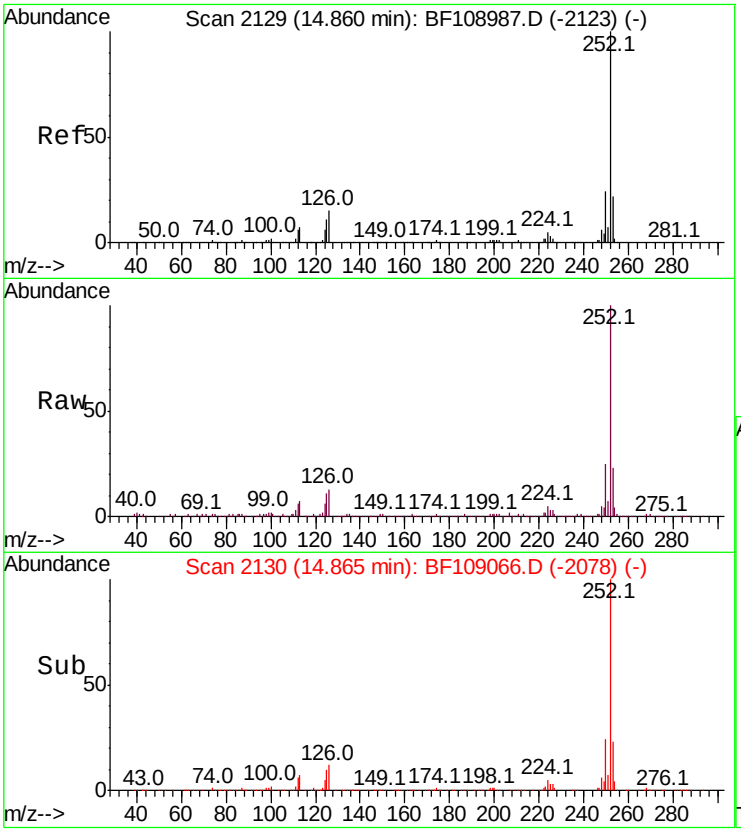


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF109066.D
Acq: 18 Sep 2018 00:21

Tgt Ion:264 Resp: 292367

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	22.7	17.5	26.3

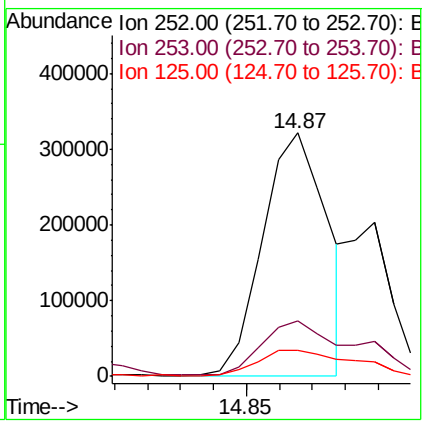




#87
Benzo(b)fluoranthene
Concen: 27.030 ng m
RT: 14.87 min Scan# 2130
Delta R.T. 0.01 min
Lab File: BF109066.D
Acq: 18 Sep 2018 00:21

Tgt Ion:252 Resp: 437196

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	10.8	9.0	13.6



Instrument :
BNA_F
ClientSampleId :
CL-01-091418-BDL

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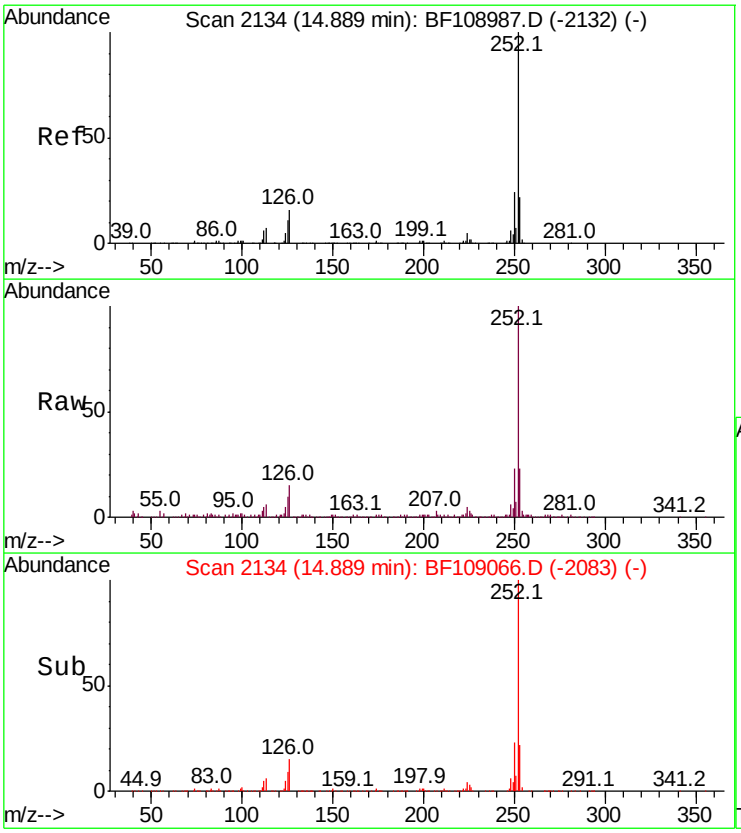
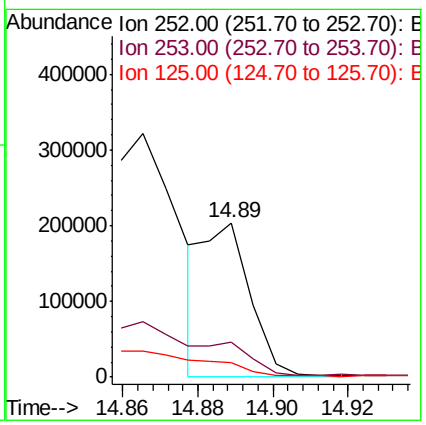
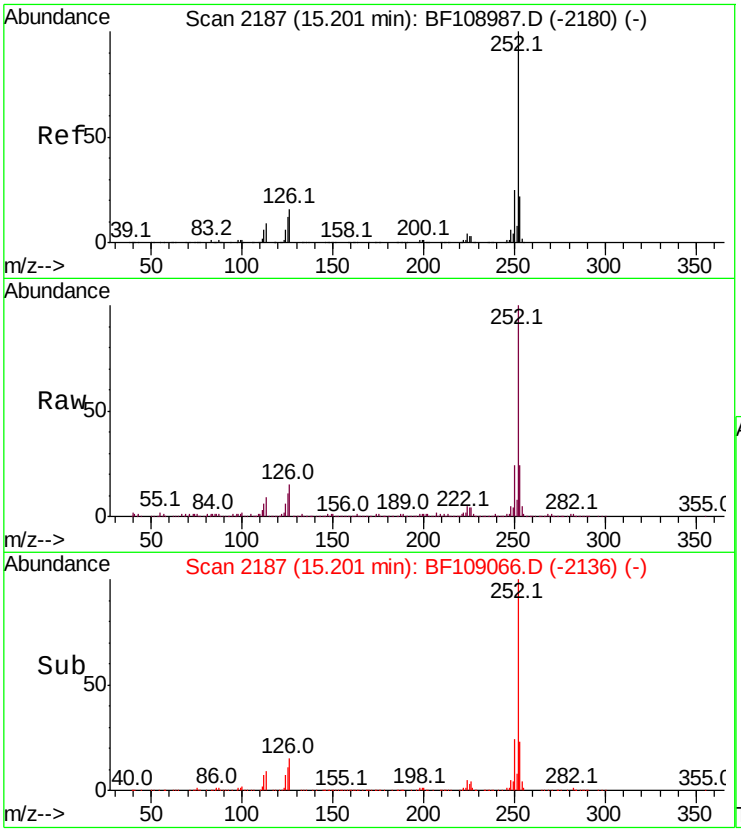


#88
Benzo(k)fluoranthene
Concen: 11.816 ng m
RT: 14.89 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BF109066.D
Acq: 18 Sep 2018 00:21

Tgt Ion:252 Resp: 178498

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	9.5	10.2	15.2#





#89
Benzo(a)pyrene
Concen: 22.067 ng
RT: 15.20 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BF109066.D
Acq: 18 Sep 2018 00:21

Tgt Ion:252 Resp: 316969

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	11.3	9.8	14.6

Instrument :
BNA_F
ClientSampleId :
CL-01-091418-BDL

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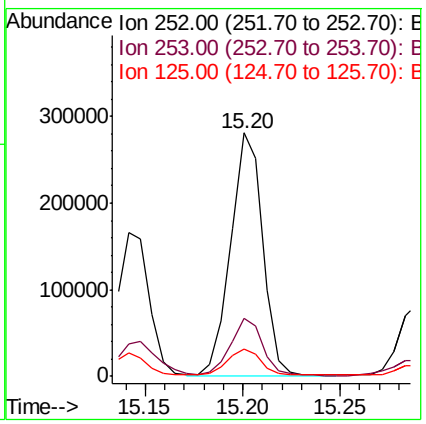
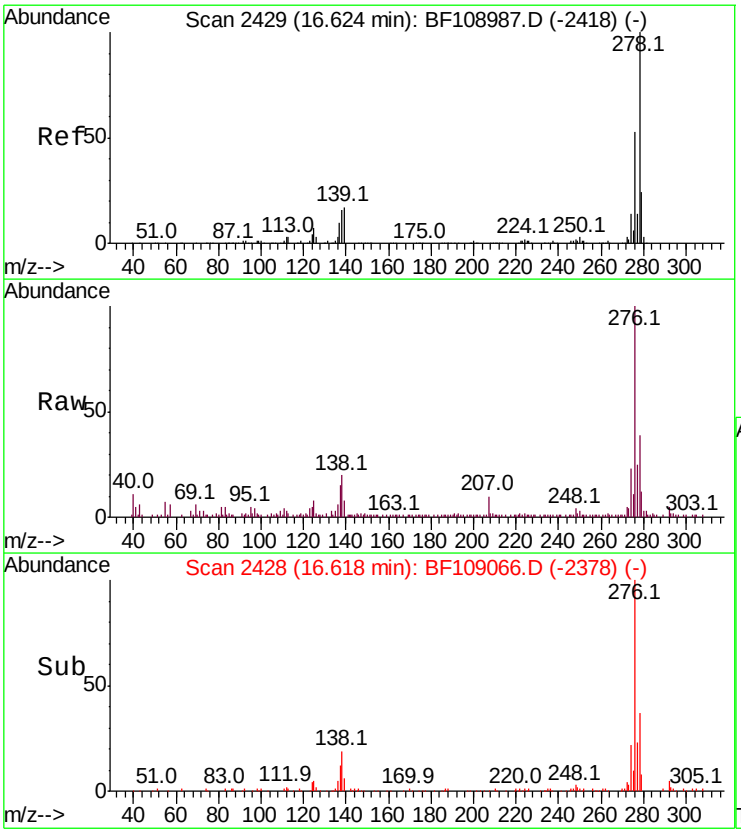
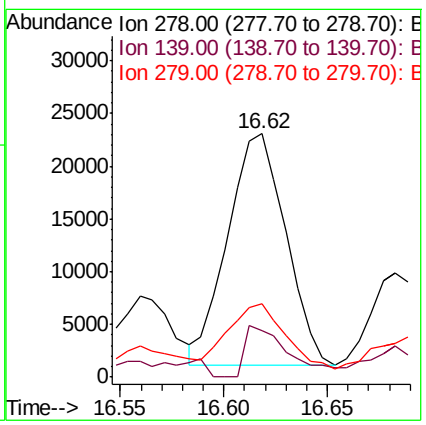


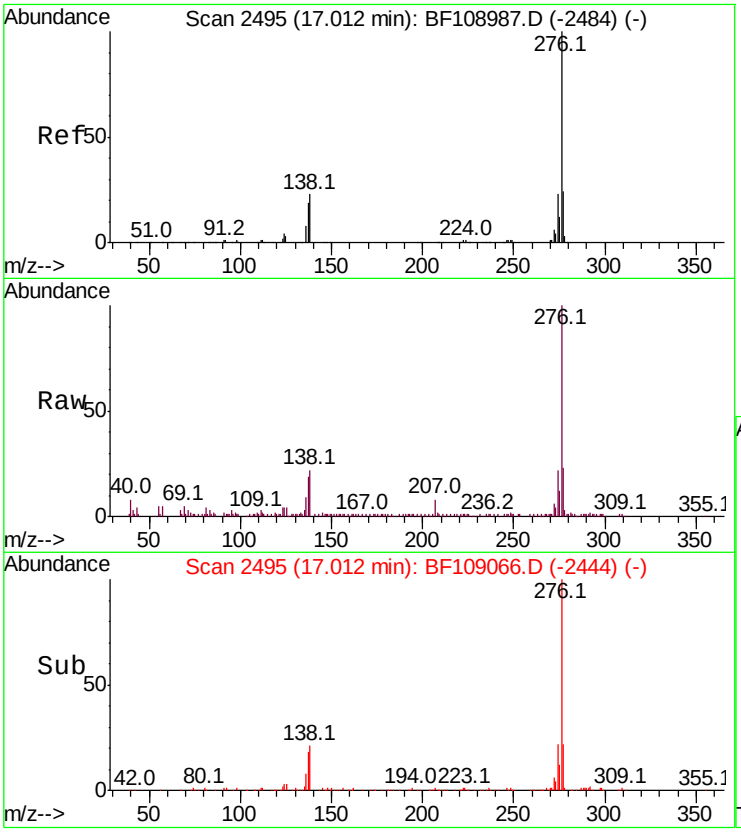


#90
Dibenzo(a,h)anthracene
Concen: 3.577 ng m
RT: 16.62 min Scan# 2428
Delta R.T. -0.01 min
Lab File: BF109066.D
Acq: 18 Sep 2018 00:21

Tgt Ion:278 Resp: 43172

Ion	Ratio	Lower	Upper
278	100		
139	19.3	15.9	23.9
279	30.2	19.0	28.4#

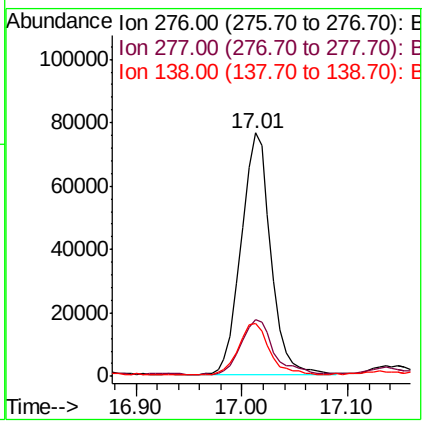




#91
Benzo(g,h,i)perylene
Concen: 12.350 ng
RT: 17.01 min Scan# 2495
Delta R.T. -0.00 min
Lab File: BF109066.D
Acq: 18 Sep 2018 00:21

Tgt Ion:276 Resp: 149000

Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	21.9	21.8	32.8



Instrument :
BNA_F
ClientSampleId :
CL-01-091418-BDL

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