Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108087.D
Acq On : 10 Aug 2018 16:43
Operator : JU/SJ
Sample : J4282-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-080918-A

Manual Integrations APPROVED
Sohil
8/13/2018 3:51:57 PM

Quant Time: Aug 10 17:58:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	290290	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	1085987	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	525449	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	848382	20.00	ng		0.00
75) Chrysene-d12	14.22	240	689679	20.00	ng		0.00
86) Perylene-d12	15.79	264	630738	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	810078	50.52	ng		0.00
7) Phenol-d6	6.62	99	1077662	50.58	ng		0.00
23) Nitrobenzene-d5	7.57	82	691876	35.55	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	230680	44.01	ng		0.00
44) 2-Fluorobiphenyl	9.37	172	1096685	33.51	ng		0.00
78) Terphenyl-d14	13.15	244	876426	32.31	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	9.77	163	113122	3.091	ng	#	97
51) Acenaphthene	10.10	154	85602	2.887	ng		99
57) Fluorene	10.61	166	126450	3.719	ng		98
70) Phenanthrene	11.58	178	1044522	26.103	ng		99
71) Anthracene	11.64	178	346007	8.437	ng		98
74) Fluoranthene	12.78	202	1864899	42.703	ng		95
77) Pyrene	13.02	202	1779884	40.763	ng		96
80) Benzo(a)anthracene	14.21	228	909150	22.970	ng		98
82) Chrysene	14.25	228	768331	21.174	ng		98
85) Indeno(1,2,3-cd)pyrene	17.41	276	337344	10.729	ng	#	88
87) Benzo(b)fluoranthene	15.32	252	1046165m	27.758	ng		
88) Benzo(k)fluoranthene	15.34	252	322357m	9.304	ng		
89) Benzo(a)pyrene	15.72	252	733583	21.736	ng		96
90) Dibenzo(a,h)anthracene	17.42	278	84570m	3.029	ng		
91) Benzo(g,h,i)perylene	17.91	276	311306	11.321	ng	#	90

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108087.D
Acq On : 10 Aug 2018 16:43
Operator : JU/SJ
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
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QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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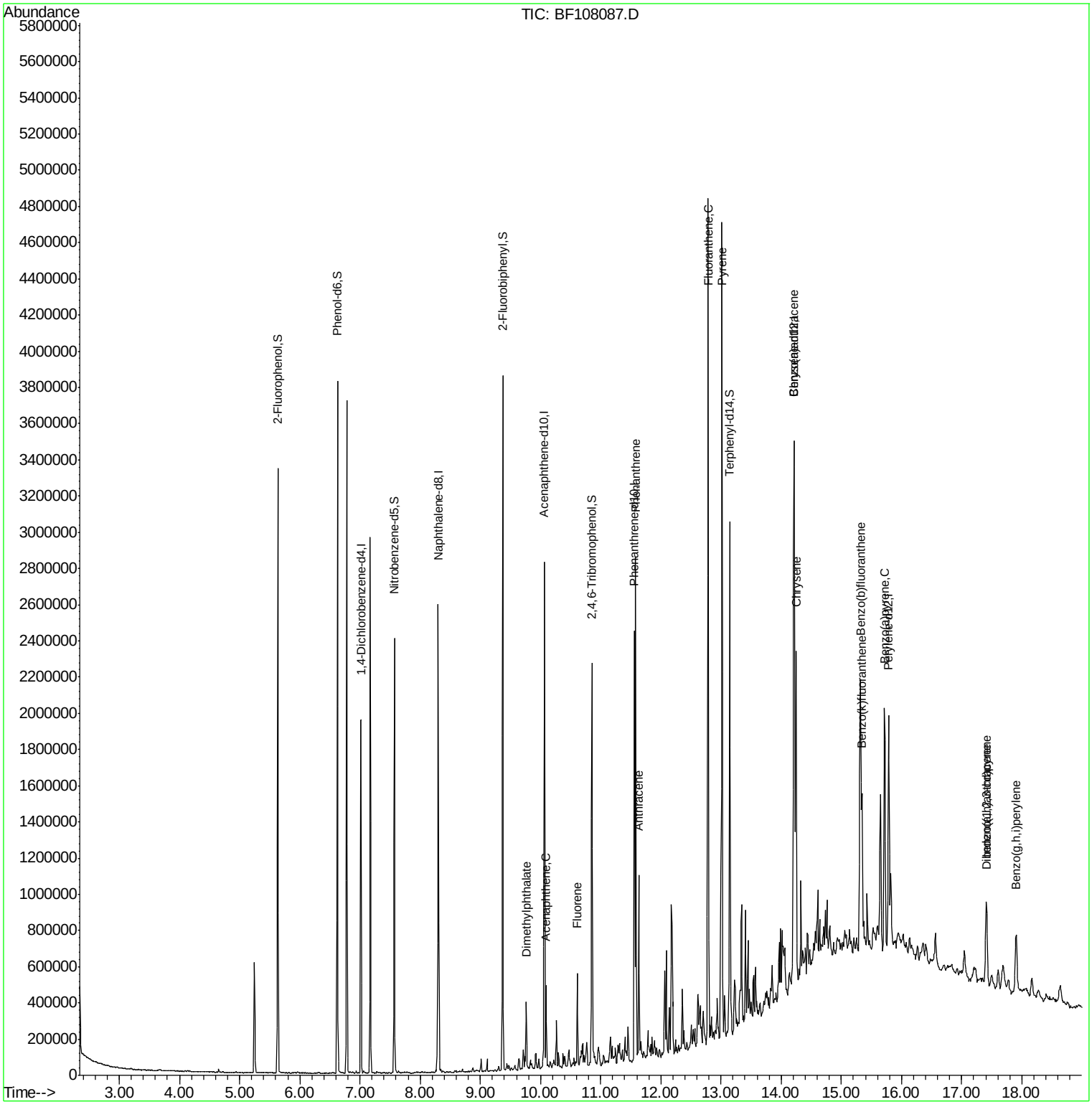
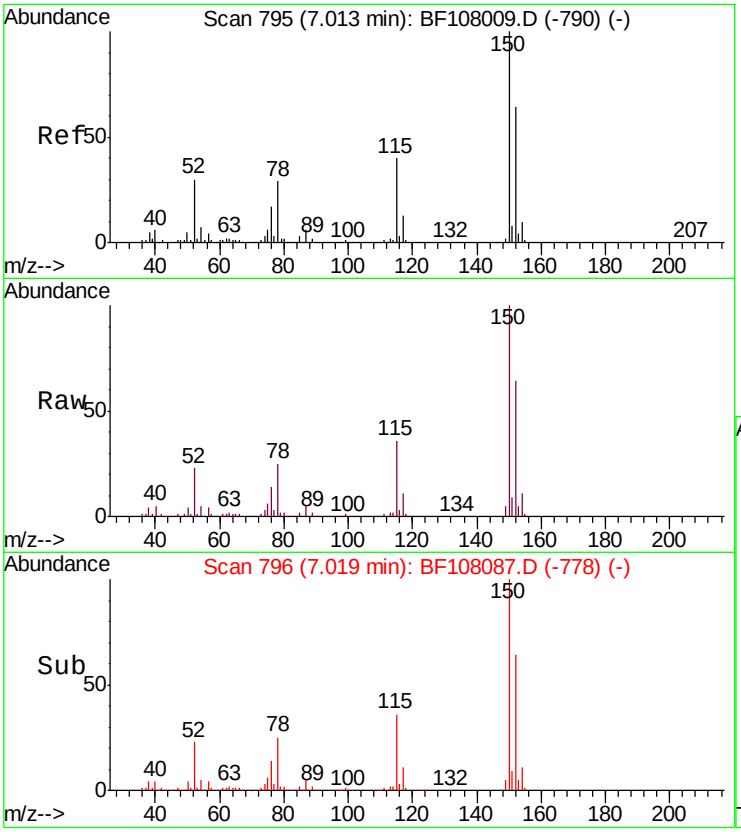
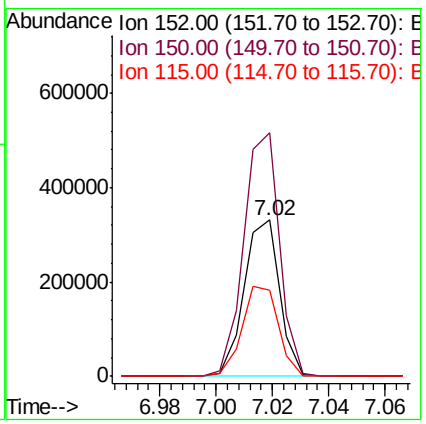




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108087.D
Acq: 10 Aug 2018 16:43

Tgt Ion:152 Resp: 290290

Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.6	186.8
115	55.5	50.1	75.1



Instrument :
BNA_F
ClientSampleId :
SU-02-080918-A

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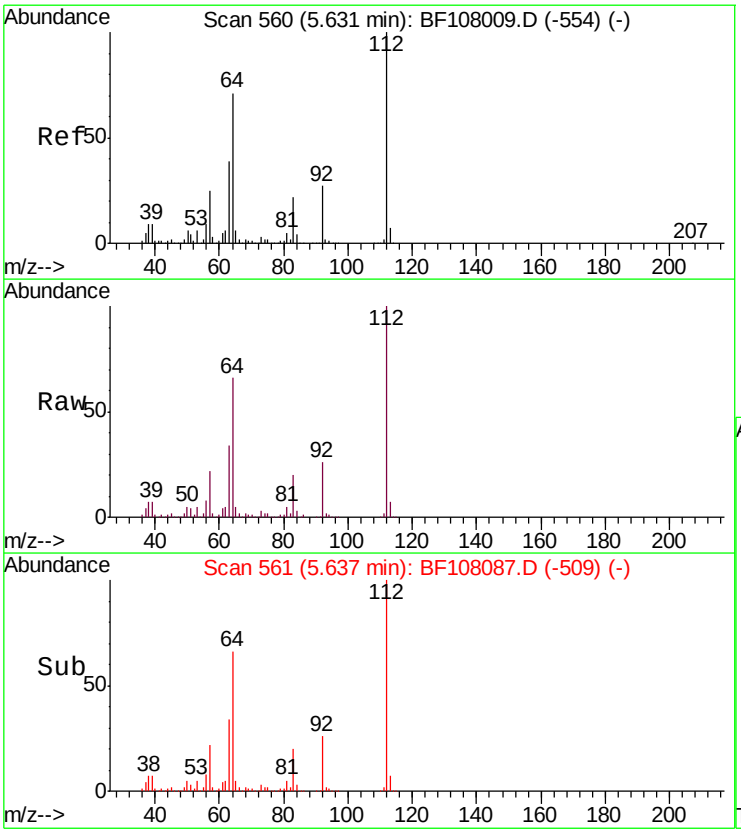
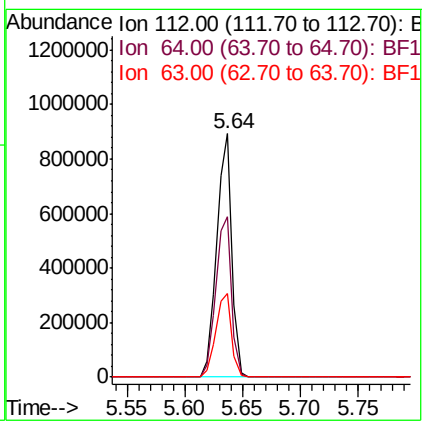
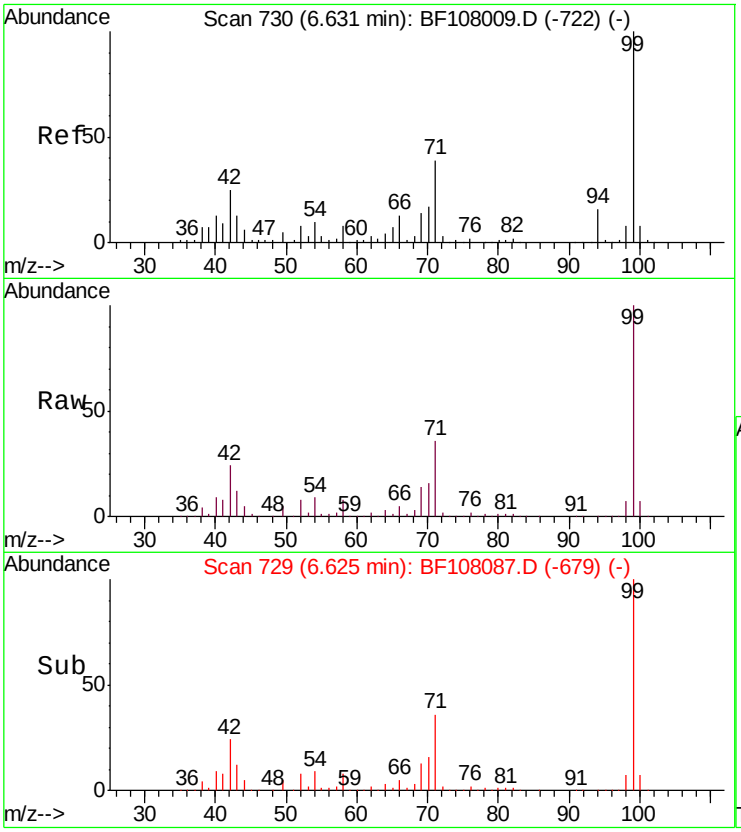


#5
2-Fluorophenol
Concen: 50.522 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108087.D
Acq: 10 Aug 2018 16:43

Tgt Ion:112 Resp: 810078

Ion	Ratio	Lower	Upper
112	100		
64	65.7	47.9	71.9
63	34.5	23.7	35.5

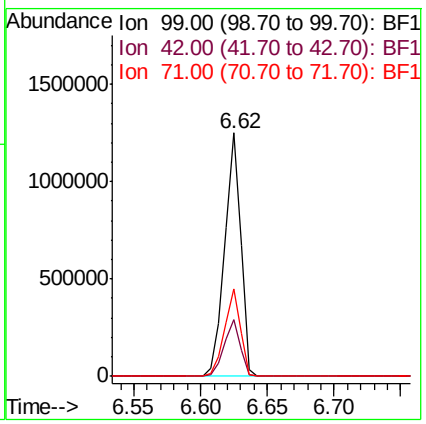




#7
Phenol-d6
Concen: 50.577 ng
RT: 6.62 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF108087.D
Acq: 10 Aug 2018 16:43

Tgt Ion: 99 Resp: 1077662

Ion	Ratio	Lower	Upper
99	100		
42	23.5	14.5	21.7#
71	36.0	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
SU-02-080918-A

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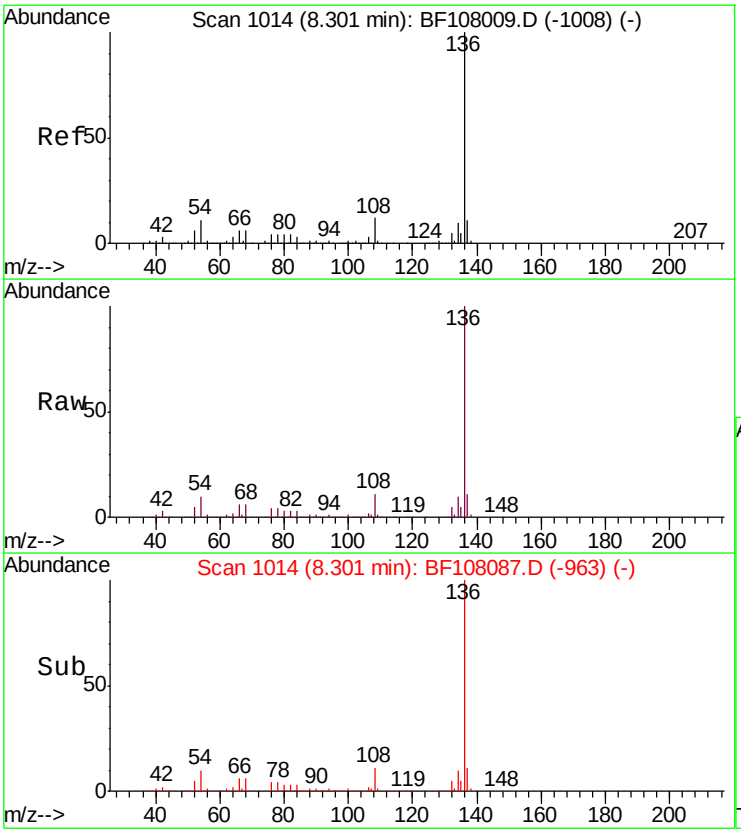
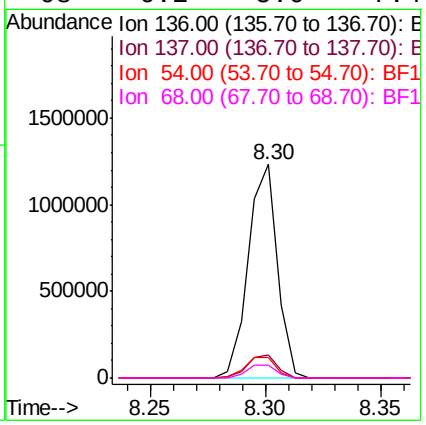
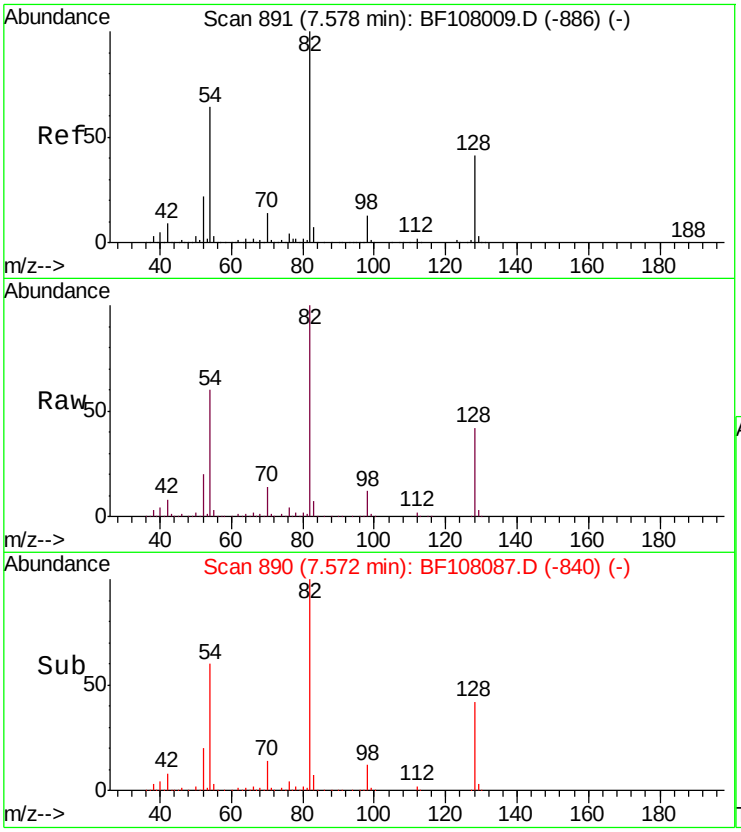


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108087.D
Acq: 10 Aug 2018 16:43

Tgt Ion:136 Resp: 1085987

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.7	6.6	9.8
68	6.2	5.0	7.4

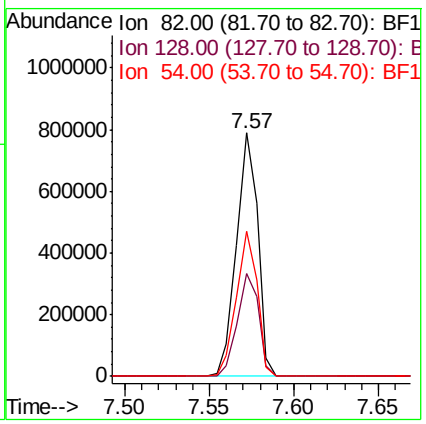




#23
Nitrobenzene-d5
Concen: 35.551 ng
RT: 7.57 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF108087.D
Acq: 10 Aug 2018 16:43

Tgt Ion: 82 Resp: 691876

Ion	Ratio	Lower	Upper
82	100		
128	42.1	36.1	54.1
54	59.5	41.4	62.2



Instrument :
BNA_F
ClientSampleId :
SU-02-080918-A

Manual Integrations APPROVED
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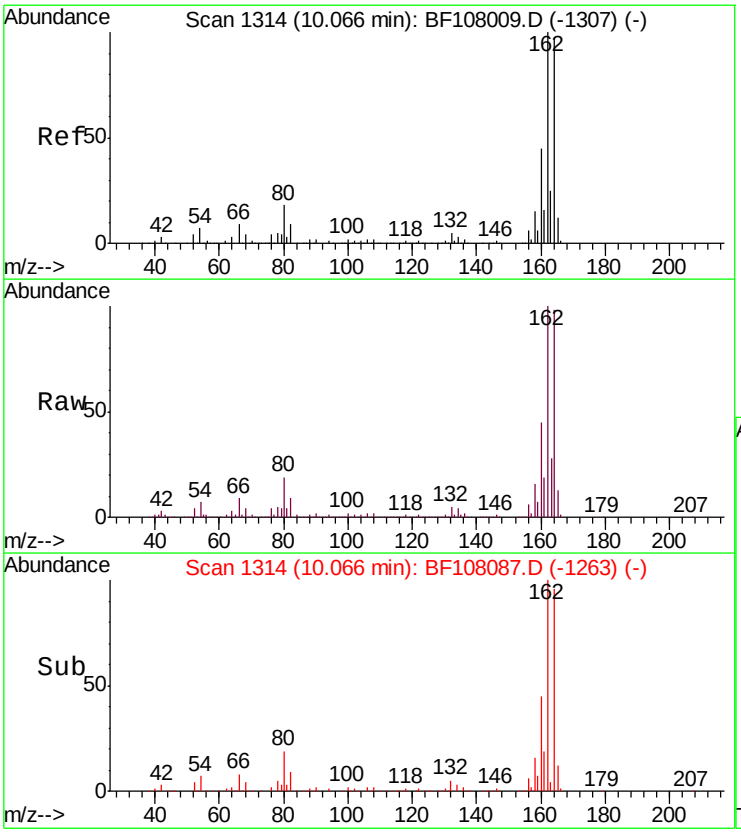
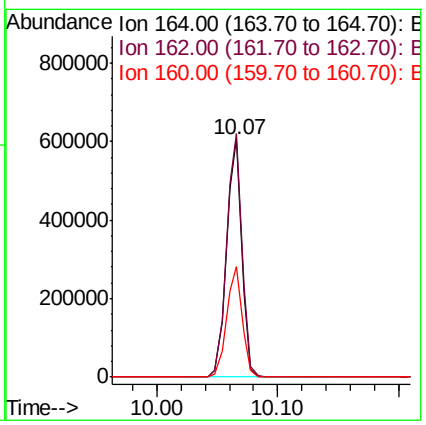
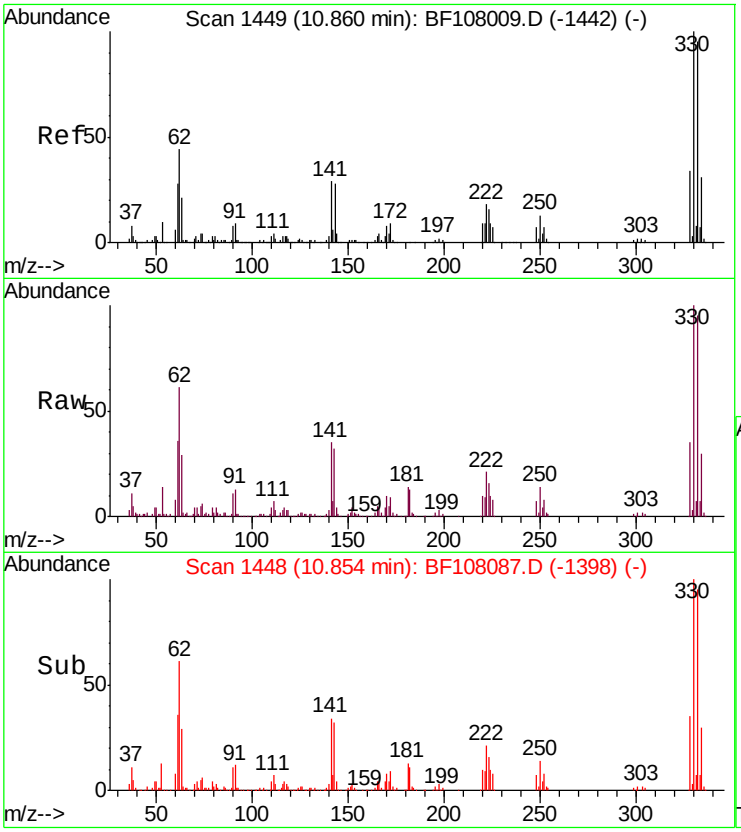


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF108087.D
Acq: 10 Aug 2018 16:43

Tgt Ion:164 Resp: 525449

Ion	Ratio	Lower	Upper
164	100		
162	102.2	86.1	129.1
160	46.3	38.3	57.5

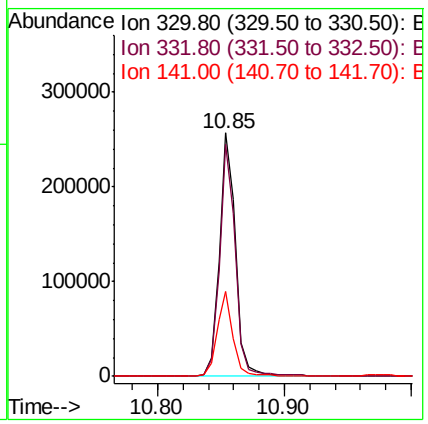




#41
2,4,6-Tribromophenol
Concen: 44.013 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF108087.D
Acq: 10 Aug 2018 16:43

Tgt Ion:330 Resp: 230680

Ion	Ratio	Lower	Upper
330	100		
332	93.7	77.0	115.6
141	33.7	29.9	44.9



Instrument :
BNA_F
ClientSampleId :
SU-02-080918-A

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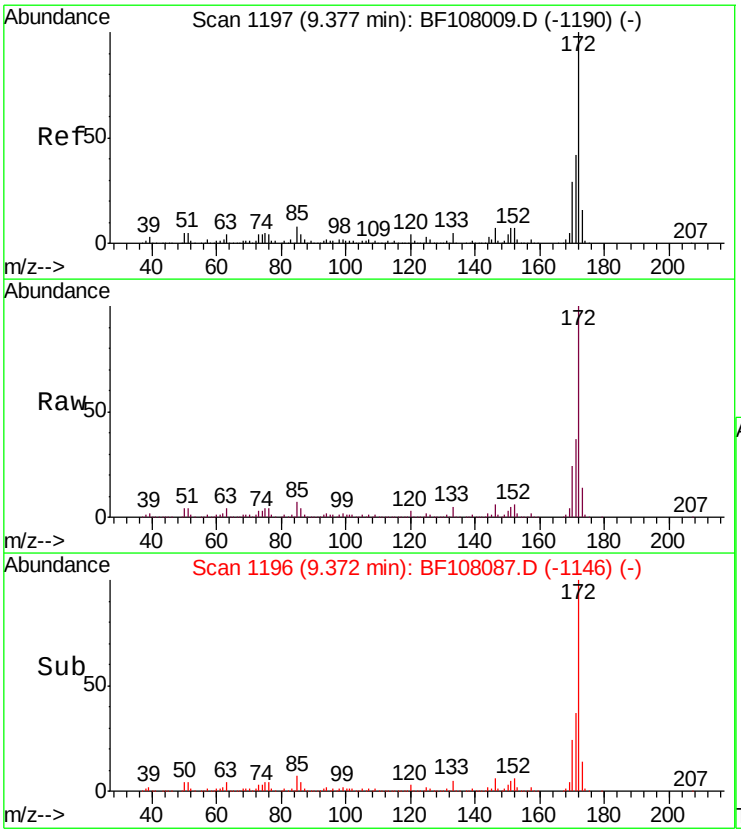
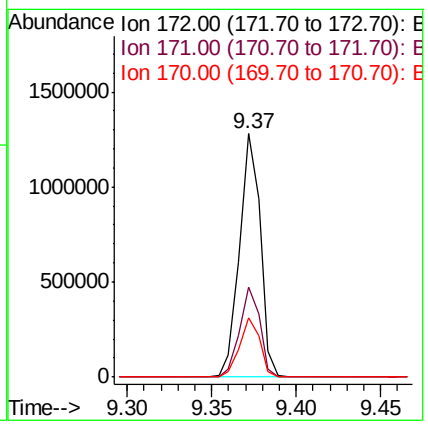
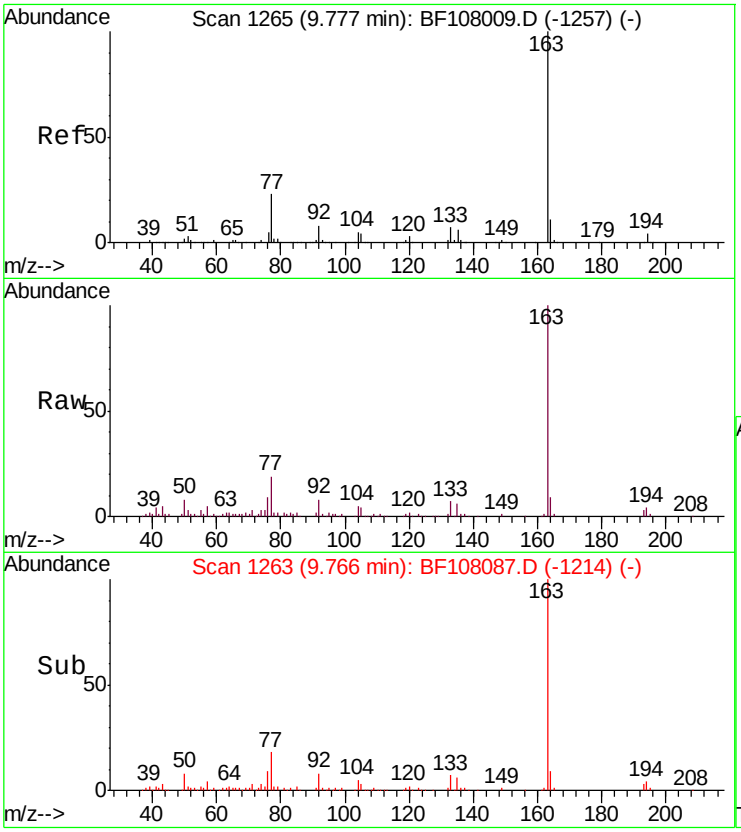


#44
2-Fluorobiphenyl
Concen: 33.508 ng
RT: 9.37 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF108087.D
Acq: 10 Aug 2018 16:43

Tgt Ion:172 Resp: 1096685

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.1	19.6	29.4

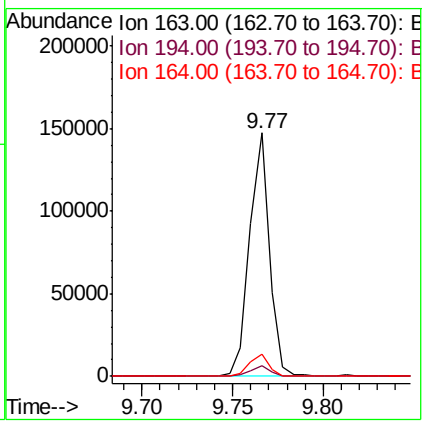




#49
Dimethylphthalate
Concen: 3.091 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF108087.D
Acq: 10 Aug 2018 16:43

Tgt Ion:163 Resp: 113122

Ion	Ratio	Lower	Upper
163	100		
194	4.5	2.7	4.1#
164	9.3	8.2	12.2



Instrument :
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ClientSampleId :
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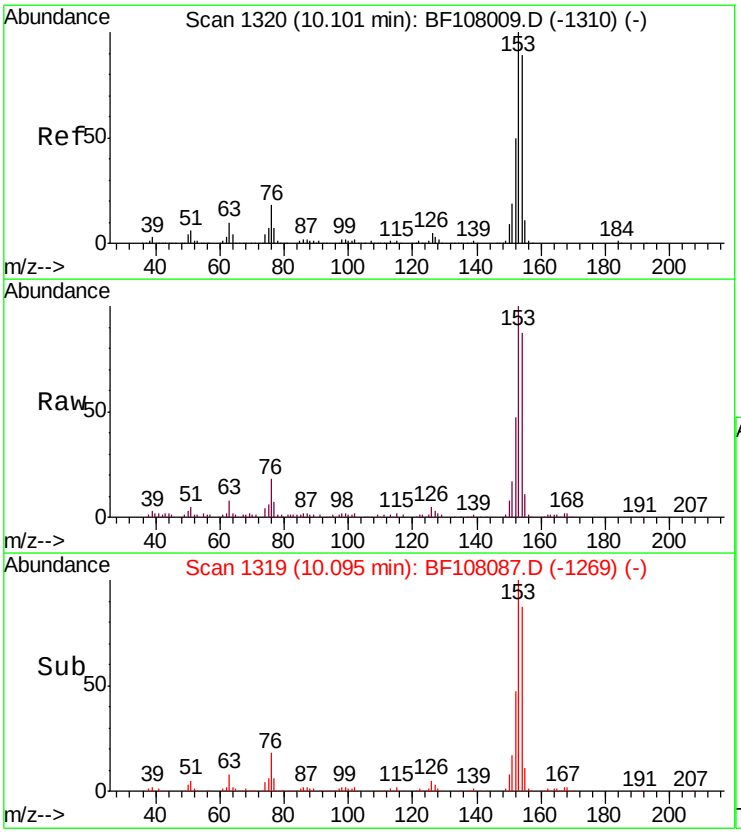
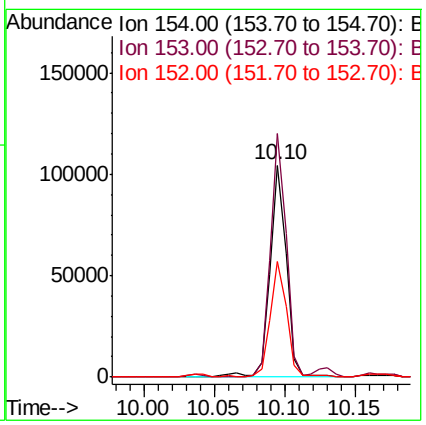
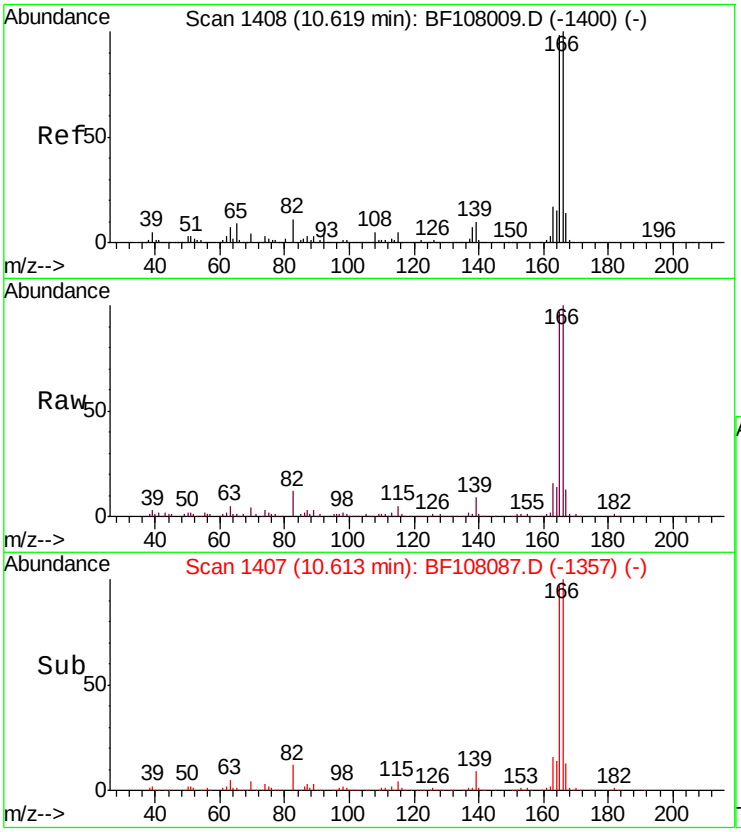


#51
Acenaphthene
Concen: 2.887 ng
RT: 10.10 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF108087.D
Acq: 10 Aug 2018 16:43

Tgt Ion:154 Resp: 85602

Ion	Ratio	Lower	Upper
154	100		
153	114.8	91.2	136.8
152	54.3	43.8	65.8

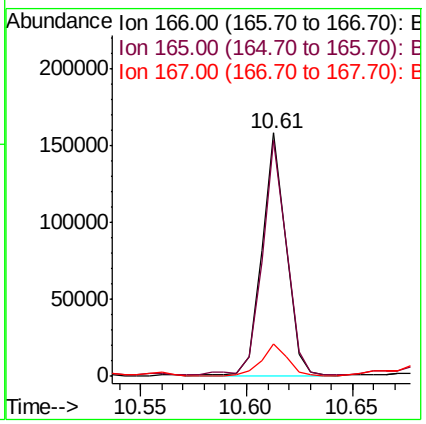




#57
Fluorene
Concen: 3.719 ng
RT: 10.61 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF108087.D
Acq: 10 Aug 2018 16:43

Tgt Ion:166 Resp: 126450

Ion	Ratio	Lower	Upper
166	100		
165	97.0	79.8	119.8
167	13.4	10.6	16.0



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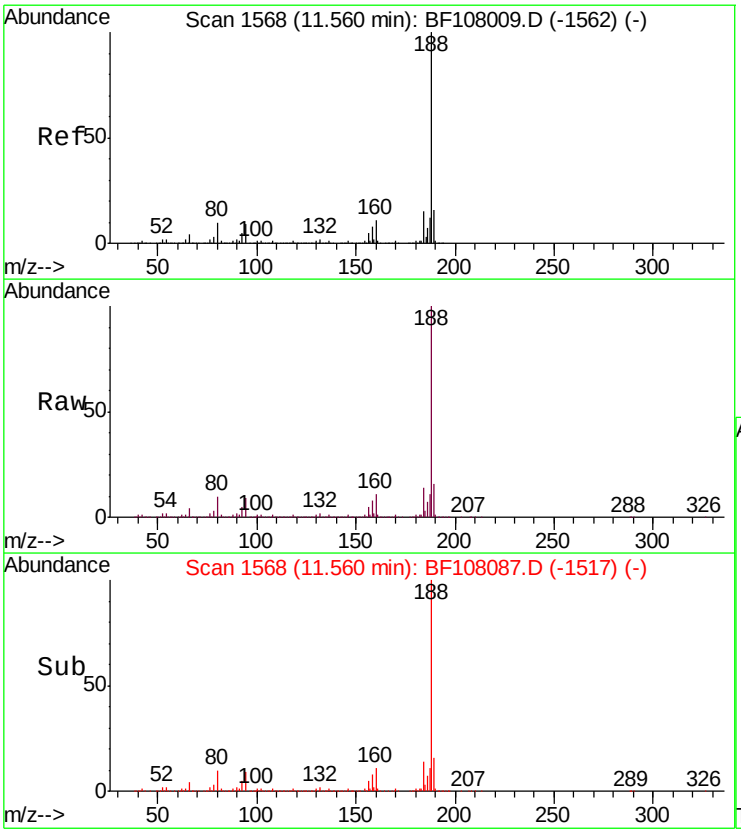
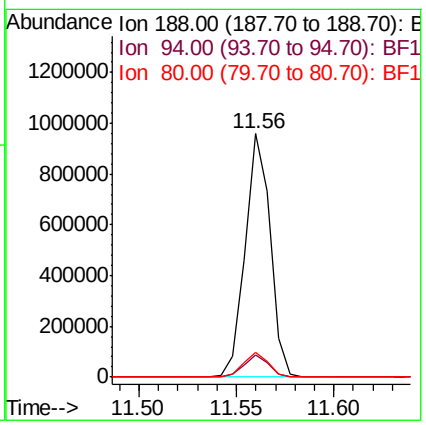
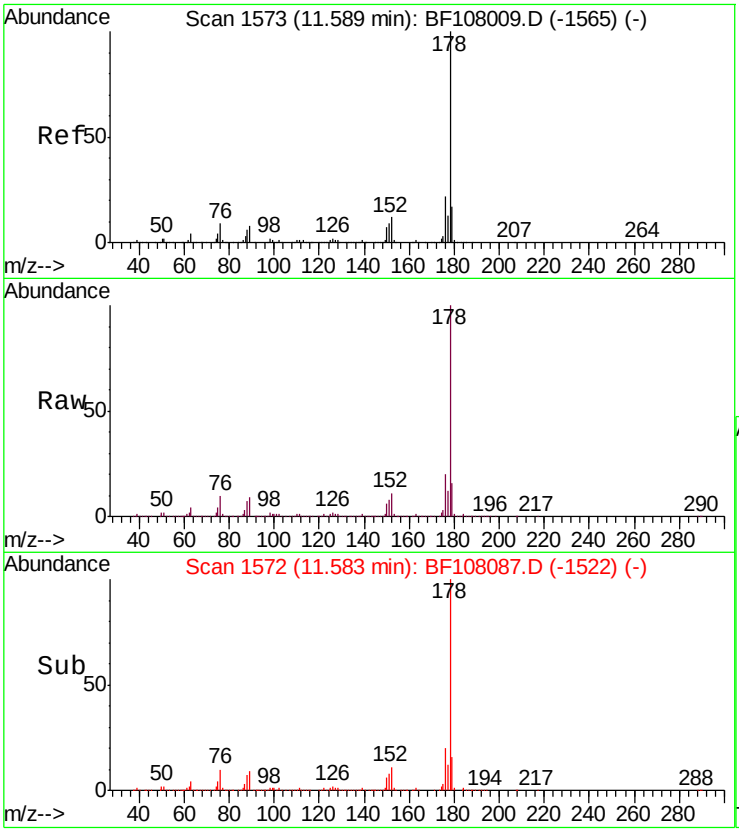


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF108087.D
Acq: 10 Aug 2018 16:43

Tgt Ion:188 Resp: 848382

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.4	9.2	13.8

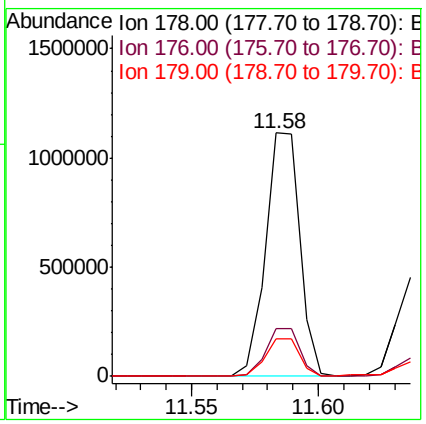




#70
Phenanthrene
Concen: 26.103 ng
RT: 11.58 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF108087.D
Acq: 10 Aug 2018 16:43

Tgt Ion:178 Resp: 1044522

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.7	13.0	19.6



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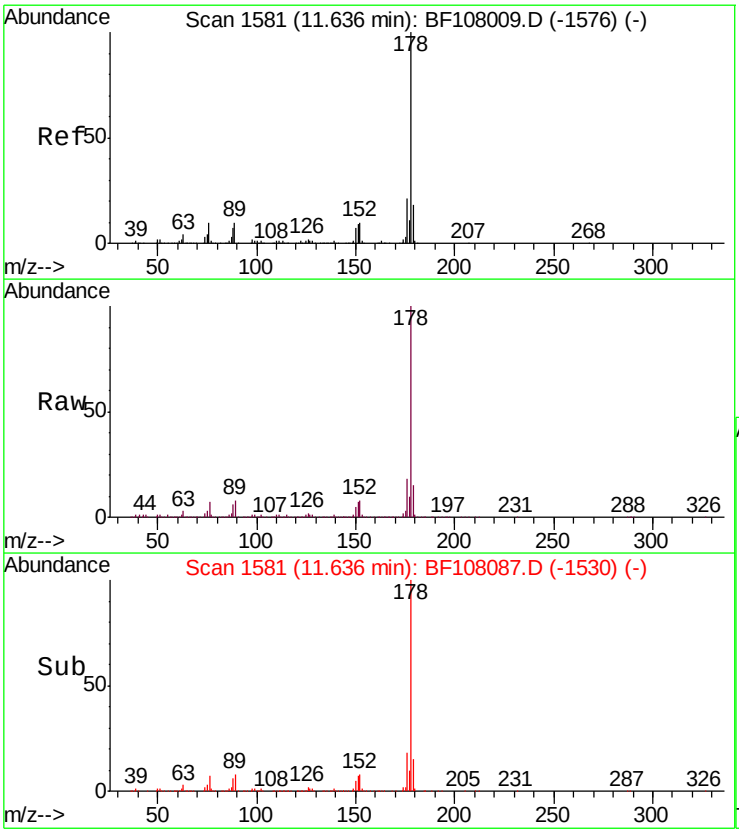
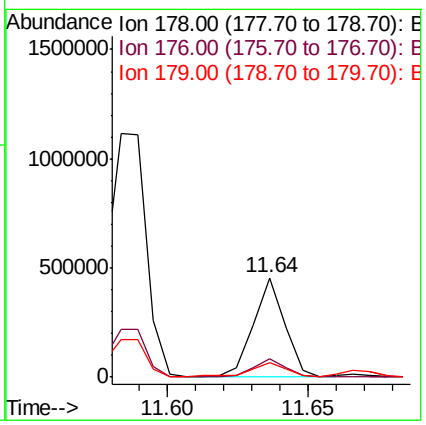
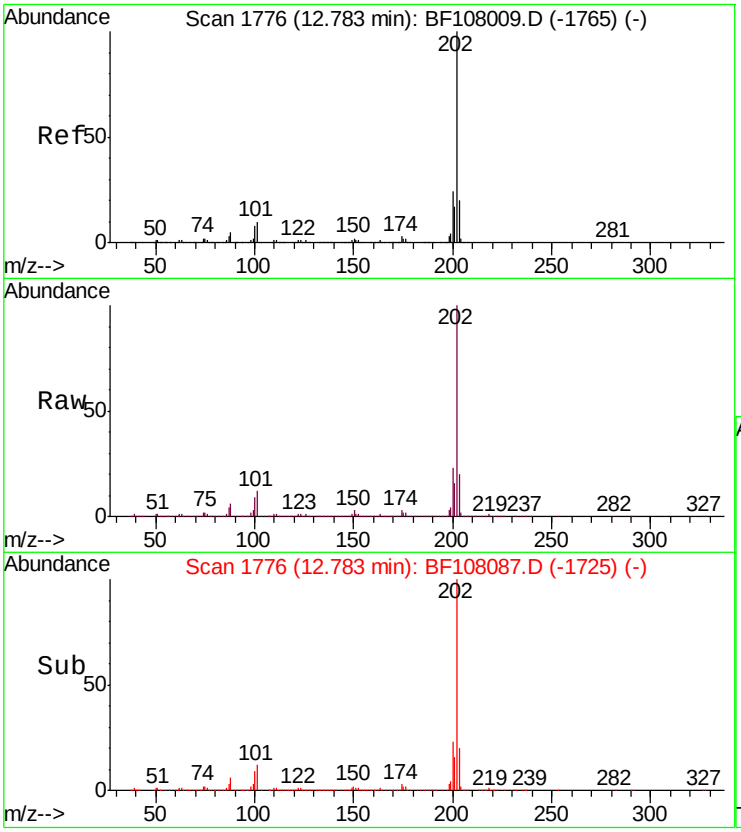


#71
Anthracene
Concen: 8.437 ng
RT: 11.64 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BF108087.D
Acq: 10 Aug 2018 16:43

Tgt Ion:178 Resp: 346007

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.4	23.2
179	14.9	12.6	19.0

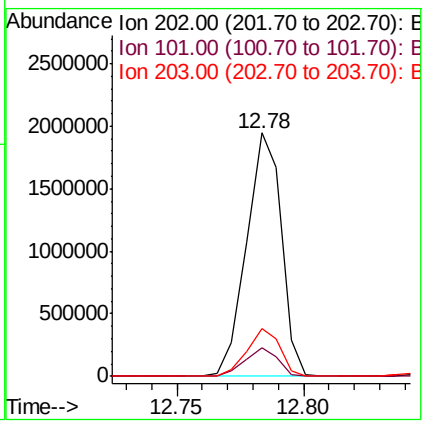




#74
Fluoranthene
Concen: 42.703 ng
RT: 12.78 min Scan# 1776
Delta R.T. 0.00 min
Lab File: BF108087.D
Acq: 10 Aug 2018 16:43

Tgt Ion:202 Resp: 1864899

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	34.1
203	19.6	0.0	38.1



Instrument :
BNA_F
ClientSampleId :
SU-02-080918-A

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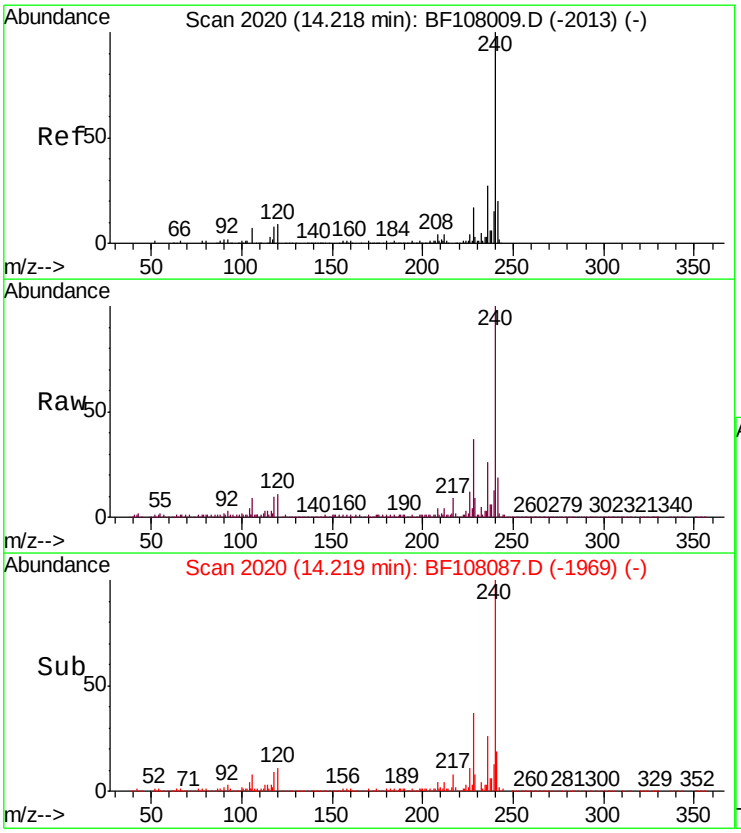
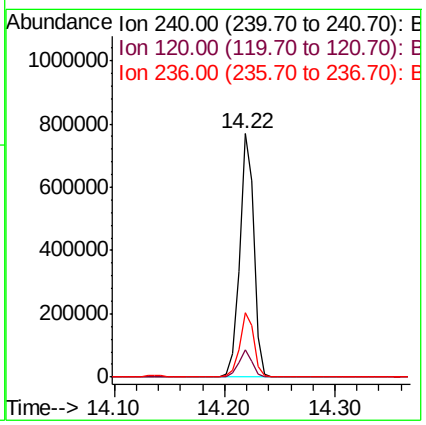
Sohil
8/13/2018 3:51:57 PM

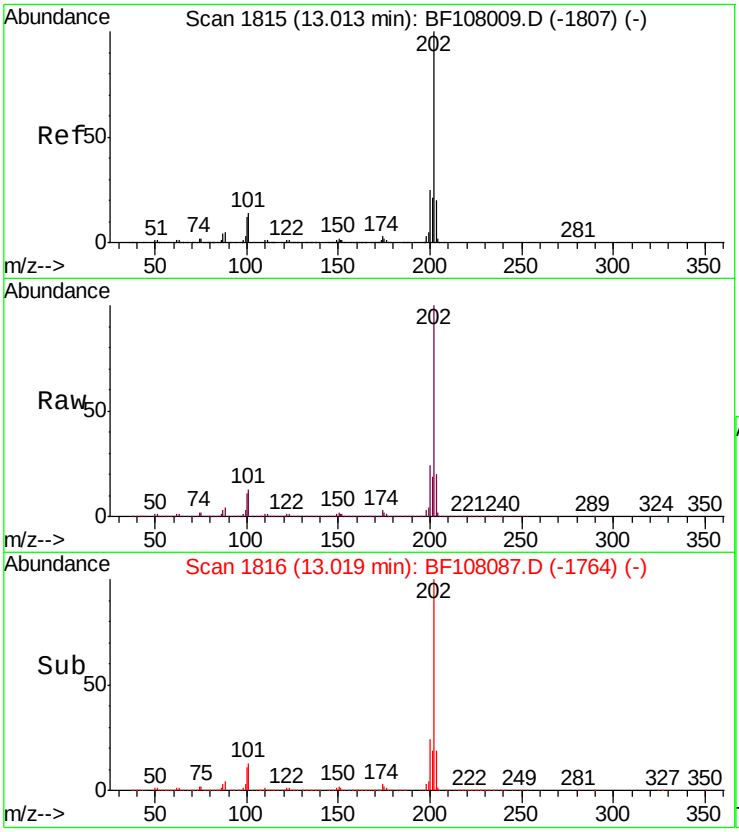


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.22 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BF108087.D
Acq: 10 Aug 2018 16:43

Tgt Ion:240 Resp: 689679

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.5	14.3
236	26.2	20.7	31.1

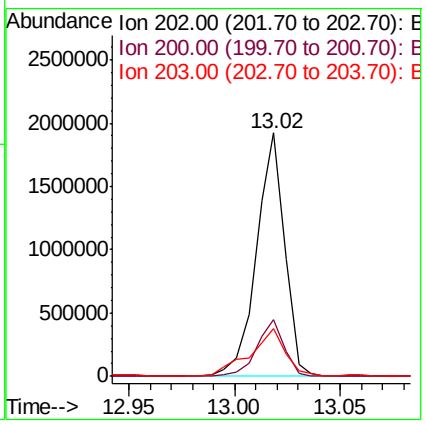




#77
Pyrene
Concen: 40.763 ng
RT: 13.02 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF108087.D
Acq: 10 Aug 2018 16:43

Tgt Ion:202 Resp: 1779884

Ion	Ratio	Lower	Upper
202	100		
200	23.5	17.4	26.2
203	19.7	14.3	21.5



Instrument :
BNA_F
ClientSampleId :
SU-02-080918-A

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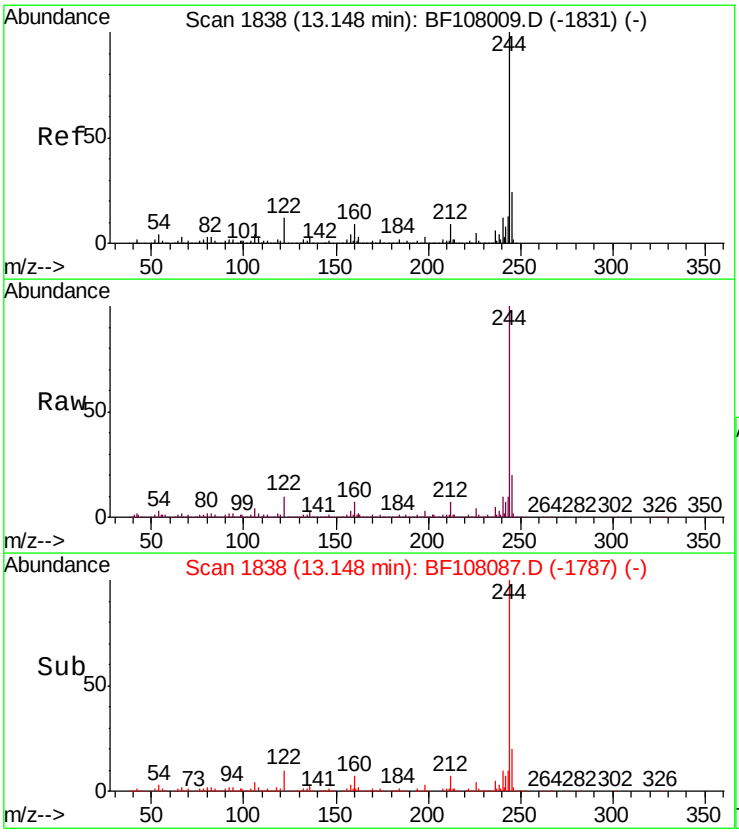
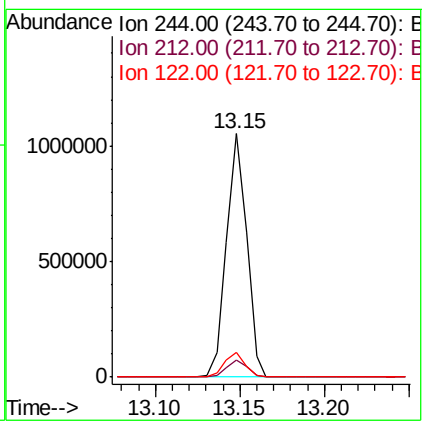
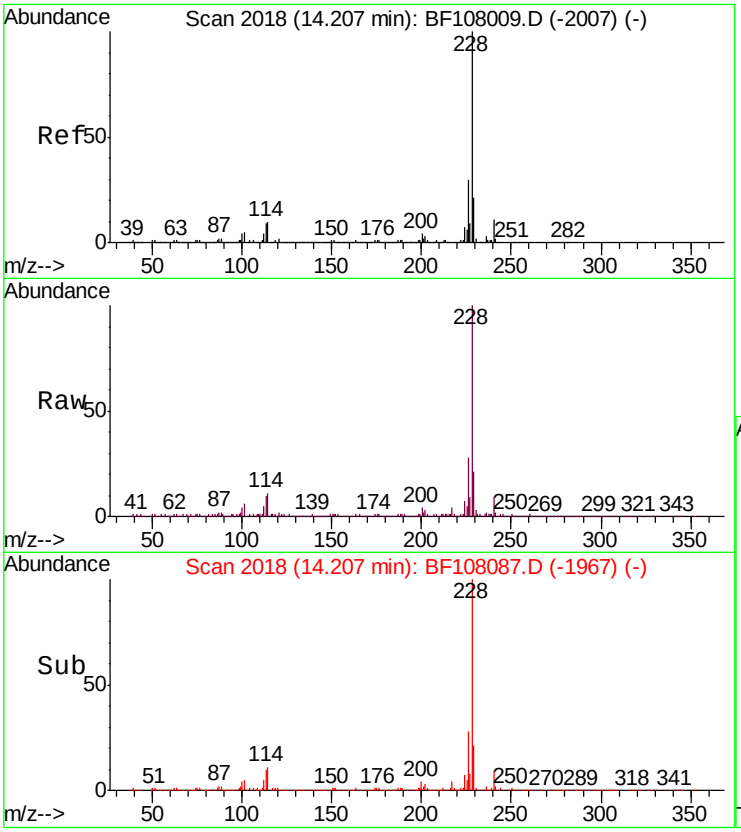


#78
Terphenyl-d14
Concen: 32.310 ng
RT: 13.15 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF108087.D
Acq: 10 Aug 2018 16:43

Tgt Ion:244 Resp: 876426

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	10.3	11.0	16.4#

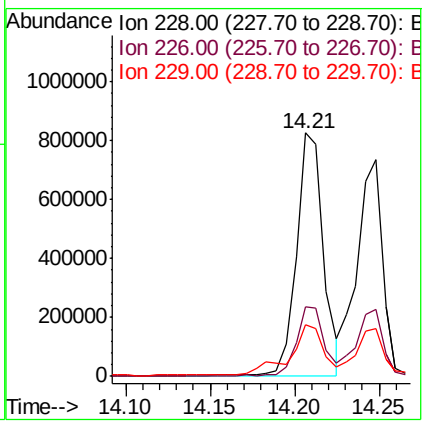




#80
Benzo(a)anthracene
Concen: 22.970 ng
RT: 14.21 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF108087.D
Acq: 10 Aug 2018 16:43

Tgt Ion:228 Resp: 909150

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	21.1	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
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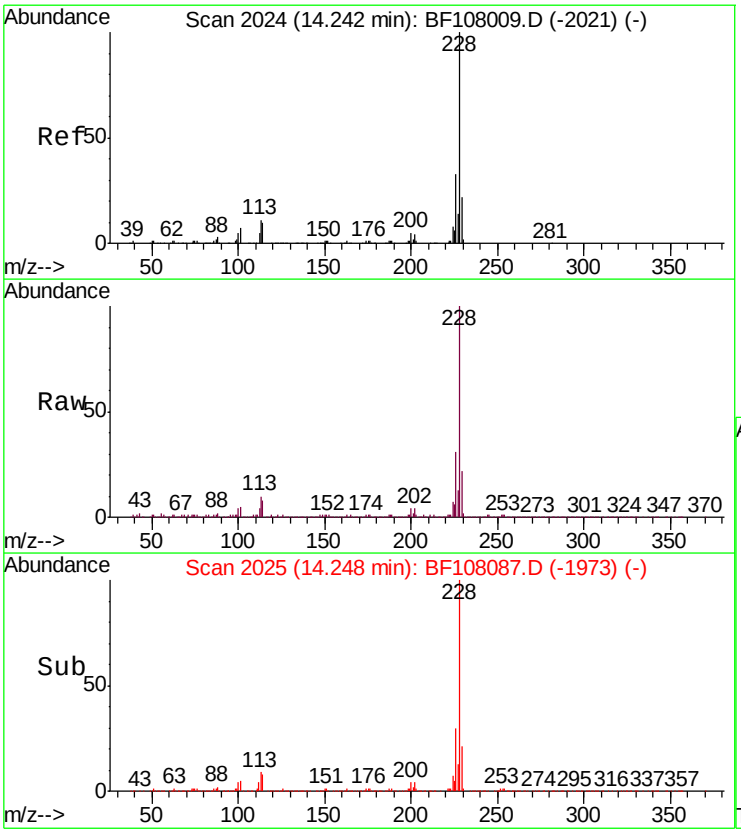
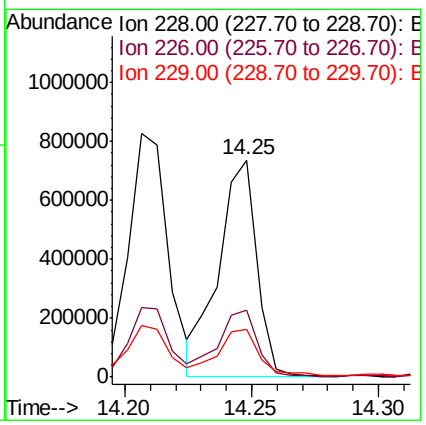
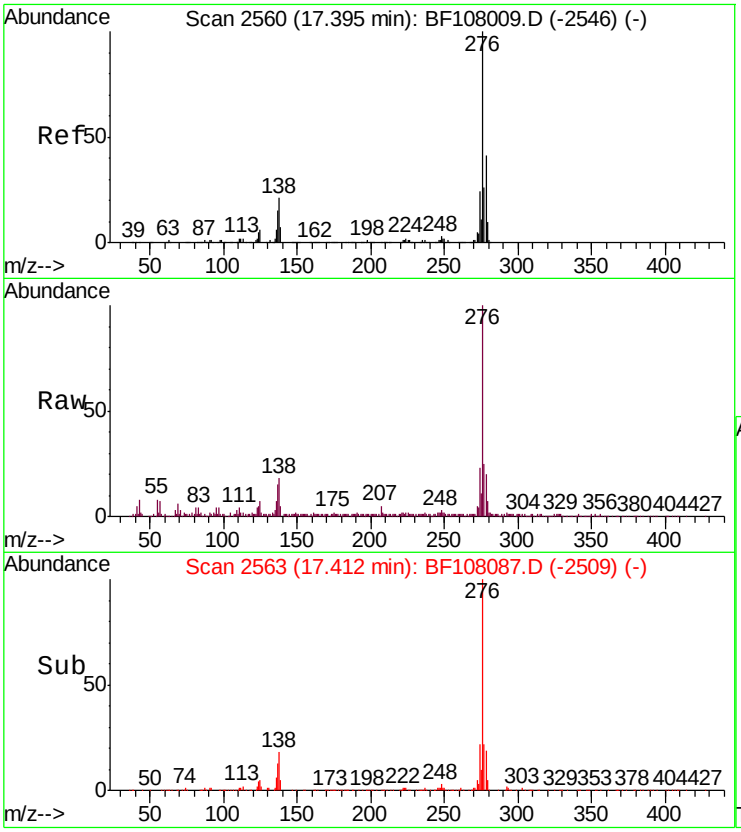


#82
Chrysene
Concen: 21.174 ng
RT: 14.25 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF108087.D
Acq: 10 Aug 2018 16:43

Tgt Ion:228 Resp: 768331

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	21.9	16.2	24.4

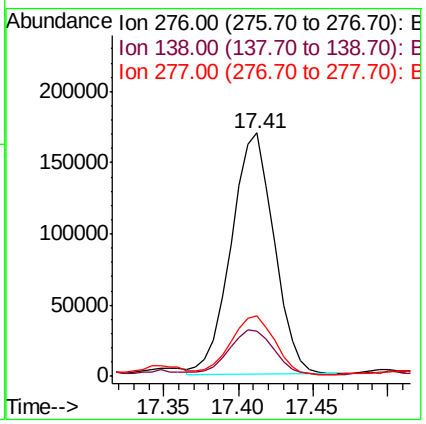




#85
Indeno(1,2,3-cd)pyrene
Concen: 10.729 ng
RT: 17.41 min Scan# 2563
Delta R.T. 0.02 min
Lab File: BF108087.D
Acq: 10 Aug 2018 16:43

Tgt Ion:276 Resp: 337344

Ion	Ratio	Lower	Upper
276	100		
138	19.2	25.0	37.6#
277	25.4	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
SU-02-080918-A

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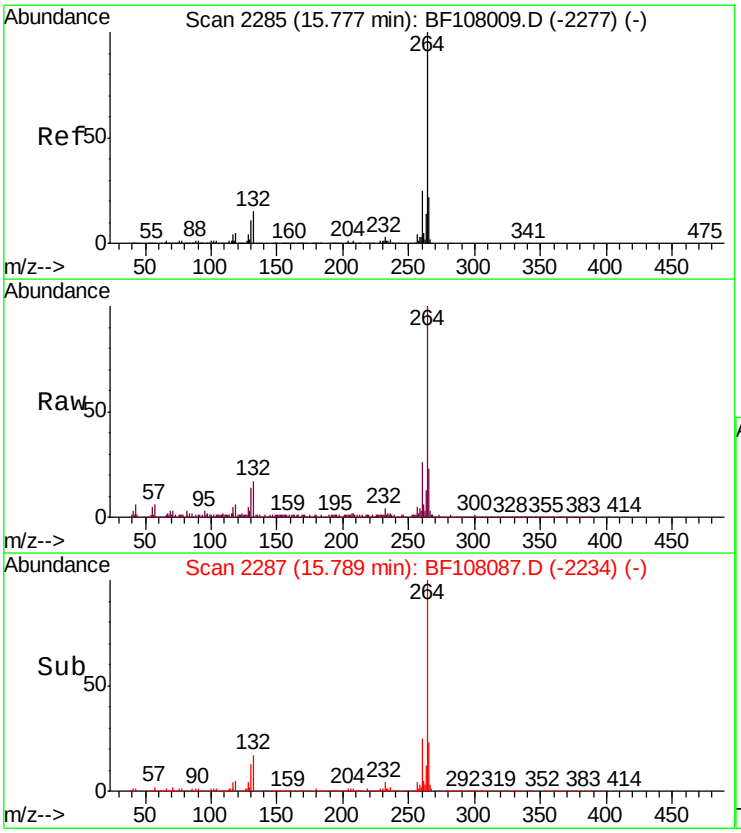
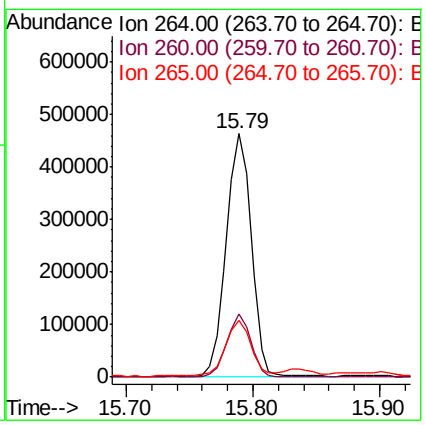
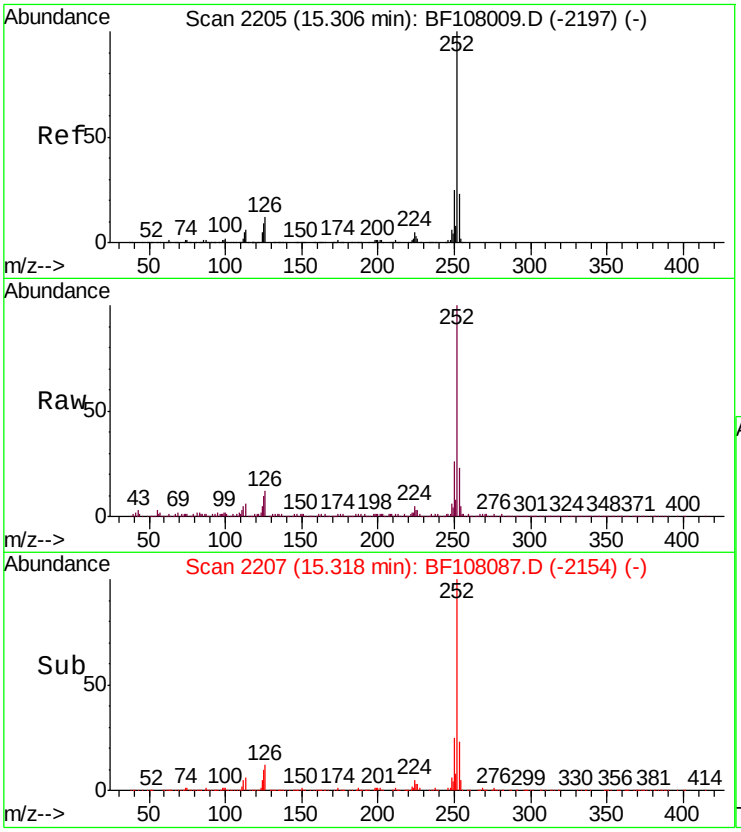


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.79 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF108087.D
Acq: 10 Aug 2018 16:43

Tgt Ion:264 Resp: 630738

Ion	Ratio	Lower	Upper
264	100		
260	25.9	19.2	28.8
265	23.4	17.5	26.3

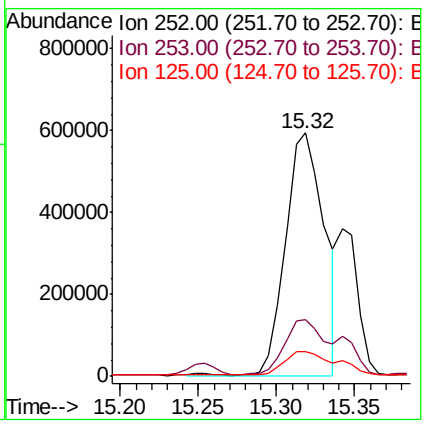




#87
Benzo(b)fluoranthene
Concen: 27.758 ng m
RT: 15.32 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF108087.D
Acq: 10 Aug 2018 16:43

Tgt Ion:252 Resp: 1046165

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.0	25.6
125	10.1	9.0	13.6



Instrument :
BNA_F
ClientSampleId :
SU-02-080918-A

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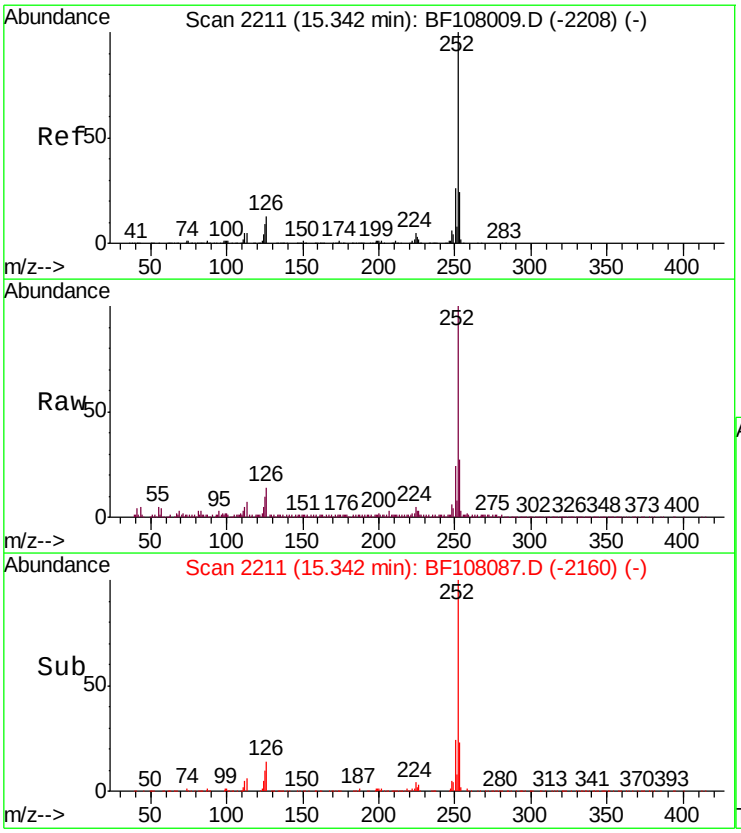
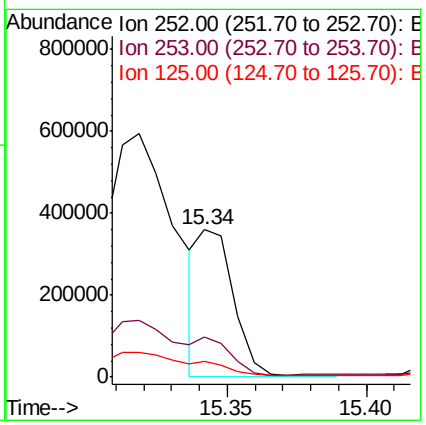
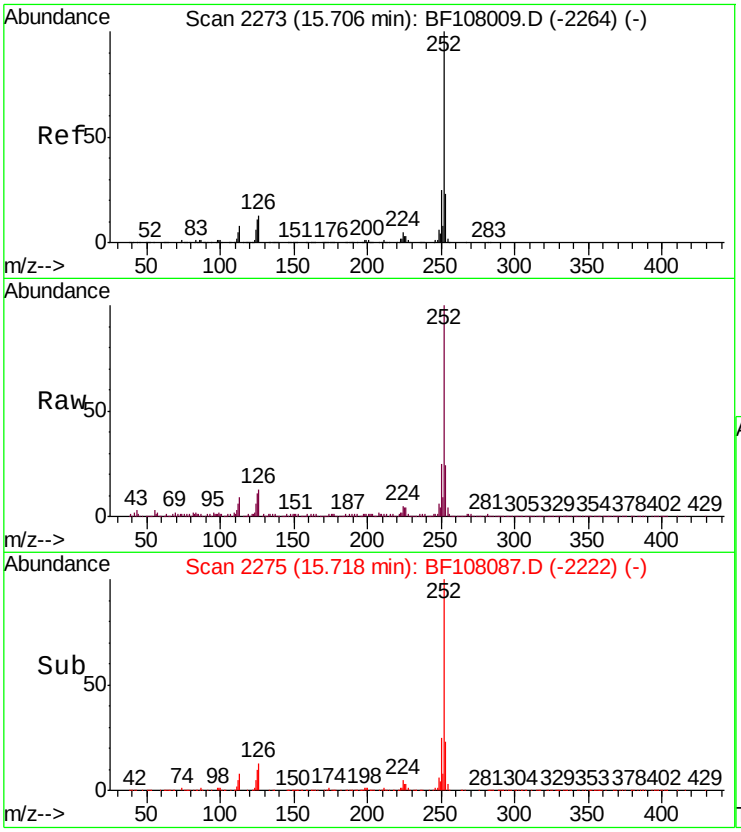


#88
Benzo(k)fluoranthene
Concen: 9.304 ng m
RT: 15.34 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BF108087.D
Acq: 10 Aug 2018 16:43

Tgt Ion:252 Resp: 322357

Ion	Ratio	Lower	Upper
252	100		
253	26.8	17.9	26.9
125	10.4	10.2	15.2

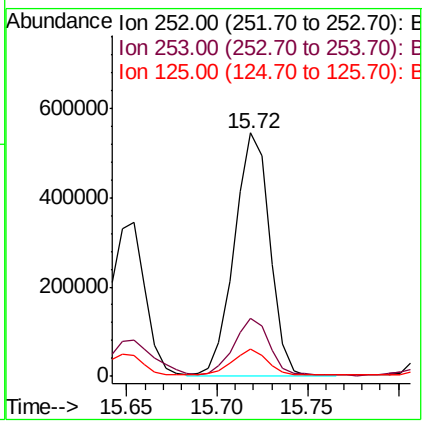




#89
Benzo(a)pyrene
Concen: 21.736 ng
RT: 15.72 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF108087.D
Acq: 10 Aug 2018 16:43

Tgt Ion:252 Resp: 733583

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	11.1	9.8	14.6



Instrument :
BNA_F
ClientSampleId :
SU-02-080918-A

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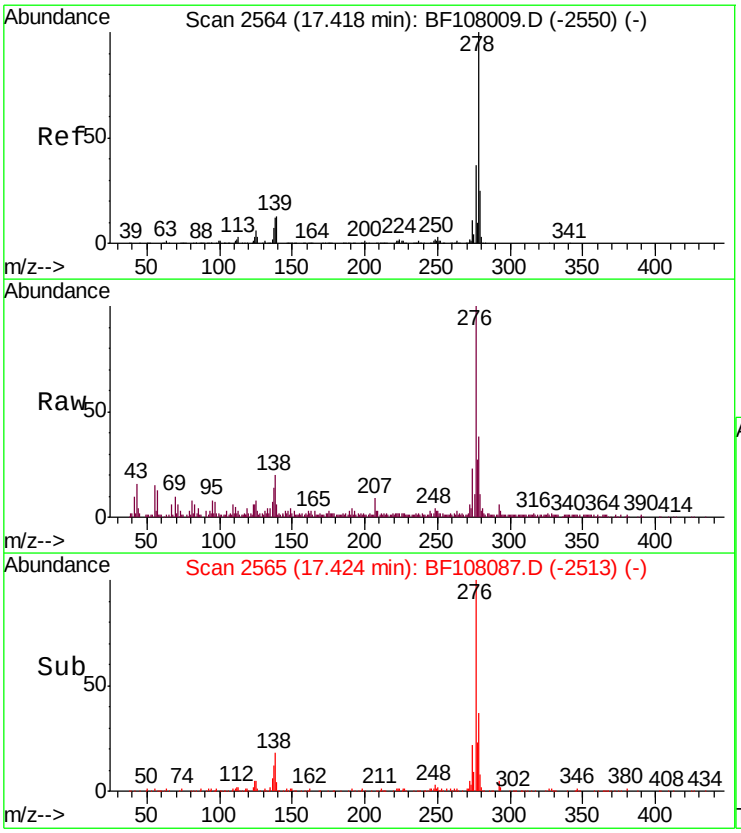
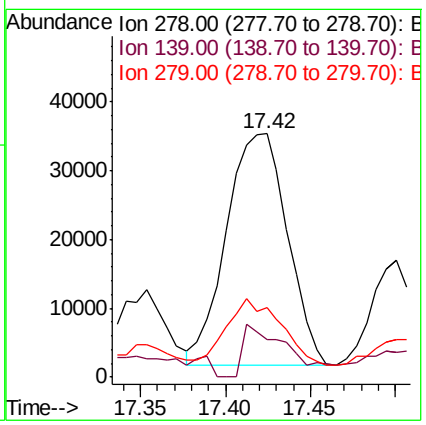
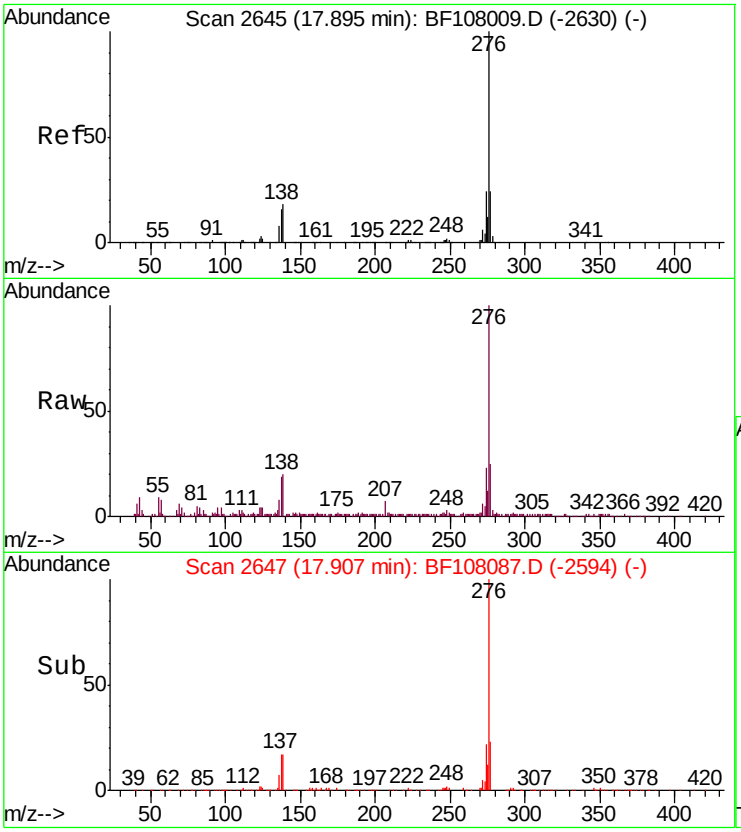


#90
Dibenzo(a,h)anthracene
Concen: 3.029 ng m
RT: 17.42 min Scan# 2565
Delta R.T. 0.01 min
Lab File: BF108087.D
Acq: 10 Aug 2018 16:43

Tgt Ion:278 Resp: 84570

Ion	Ratio	Lower	Upper
278	100		
139	15.5	15.9	23.9#
279	28.4	19.0	28.4

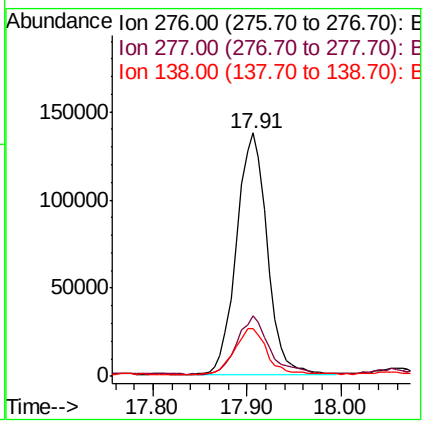




#91
Benzo(g,h,i)perylene
Concen: 11.321 ng
RT: 17.91 min Scan# 2647
Delta R.T. 0.01 min
Lab File: BF108087.D
Acq: 10 Aug 2018 16:43

Tgt Ion:276 Resp: 311306

Ion	Ratio	Lower	Upper
276	100		
277	24.8	17.9	26.9
138	19.6	21.8	32.8#



Instrument :
BNA_F
ClientSampleId :
SU-02-080918-A

Manual Integrations APPROVED
Sohil
8/13/2018 3:51:57 PM