Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090117\
Data File : BF098220.D
Acq On : 1 Sep 2017 12:19
Operator : SJ/JU
Sample : I5024-13 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-082917-E

Manual Integrations APPROVED
mohammad
9/5/2017 5:21:55 PM

Quant Time: Sep 01 13:22:19 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 01 12:59:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	126714	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	518734	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	229018	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	394495	20.00	ng	0.00
75) Chrysene-d12	13.87	240	256561	20.00	ng	0.00
86) Perylene-d12	15.29	264	232299	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	206240	24.76	ng	-0.01
7) Phenol-d6	6.35	99	284901	25.17	ng	-0.02
23) Nitrobenzene-d5	7.28	82	173519	18.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	48297	24.31	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	306500	19.66	ng	0.00
78) Terphenyl-d14	12.82	244	201321	16.36	ng	0.00
Target Compounds						Qvalue
48) Acenaphthylene	9.62	152	51093	2.108	ng	99
54) Dibenzofuran	9.96	168	43299	2.114	ng	97
57) Fluorene	10.30	166	85308	5.387	ng	97
70) Phenanthrene	11.26	178	506236	24.082	ng	99
71) Anthracene	11.31	178	126417	5.929	ng	97
72) Carbazole	11.47	167	53571	2.647	ng	97
74) Fluoranthene	12.44	202	425089	19.374	ng	98
77) Pyrene	12.67	202	357001	17.013	ng	97
80) Benzo(a)anthracene	13.86	228	161557m	10.507	ng	
82) Chrysene	13.89	228	141862	9.274	ng	98
85) Indeno(1,2,3-cd)pyrene	16.66	276	59188	5.260	ng	94
87) Benzo(b)fluoranthene	14.88	252	176298m	12.040	ng	
88) Benzo(k)fluoranthene	14.90	252	55714m	4.050	ng	
89) Benzo(a)pyrene	15.22	252	125646	9.693	ng	97
91) Benzo(g,h,i)perylene	17.06	276	53282	4.839	ng	92

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

Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090117\
Data File : BF098220.D
Acq On : 1 Sep 2017 12:19
Operator : SJ/JU
Sample : I5024-13 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 01 13:22:19 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 01 12:59:02 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
CL-01-082917-E

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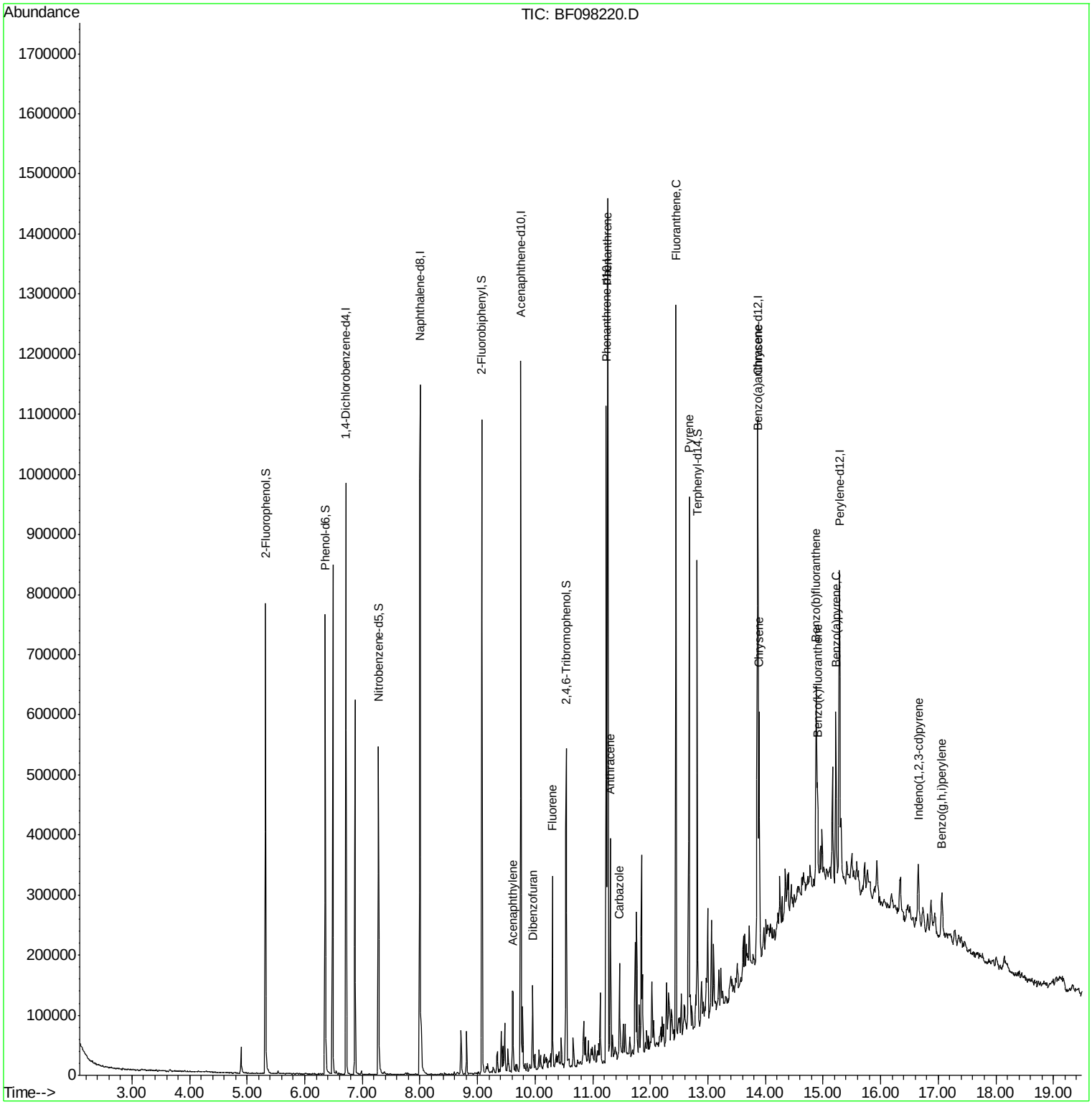
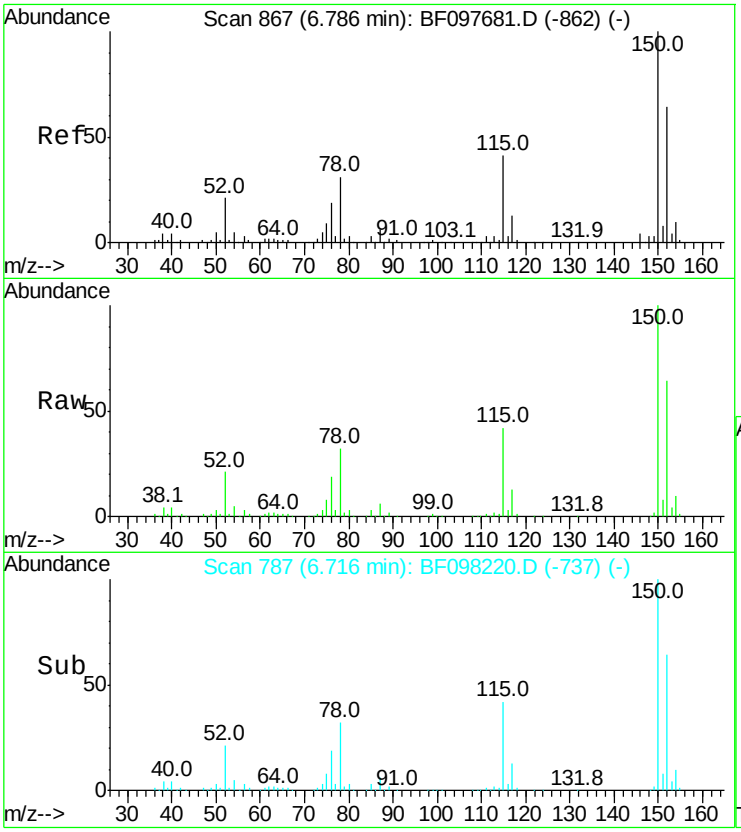
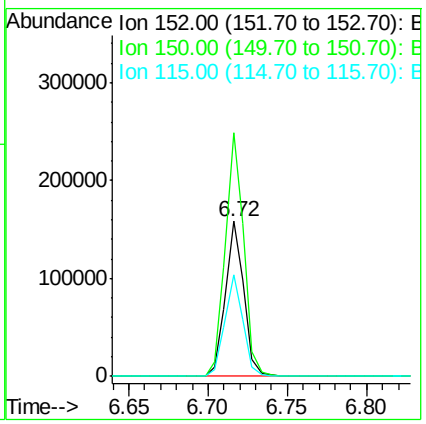




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF098220.D
Acq: 1 Sep 2017 12:19

Tgt Ion:152 Resp: 126714

Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.2	189.2
115	65.4	52.2	78.2



Instrument :
BNA_F
ClientSampleId :
CL-01-082917-E

Manual Integrations APPROVED
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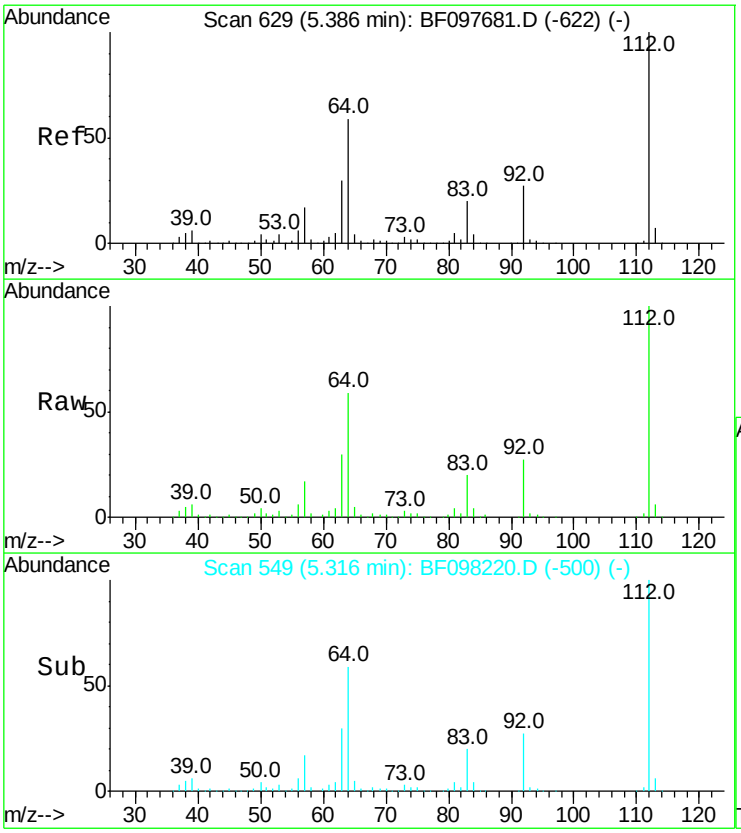
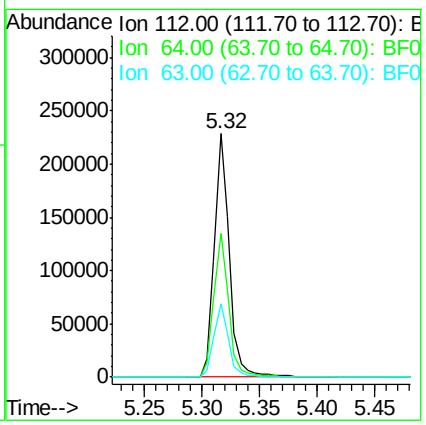
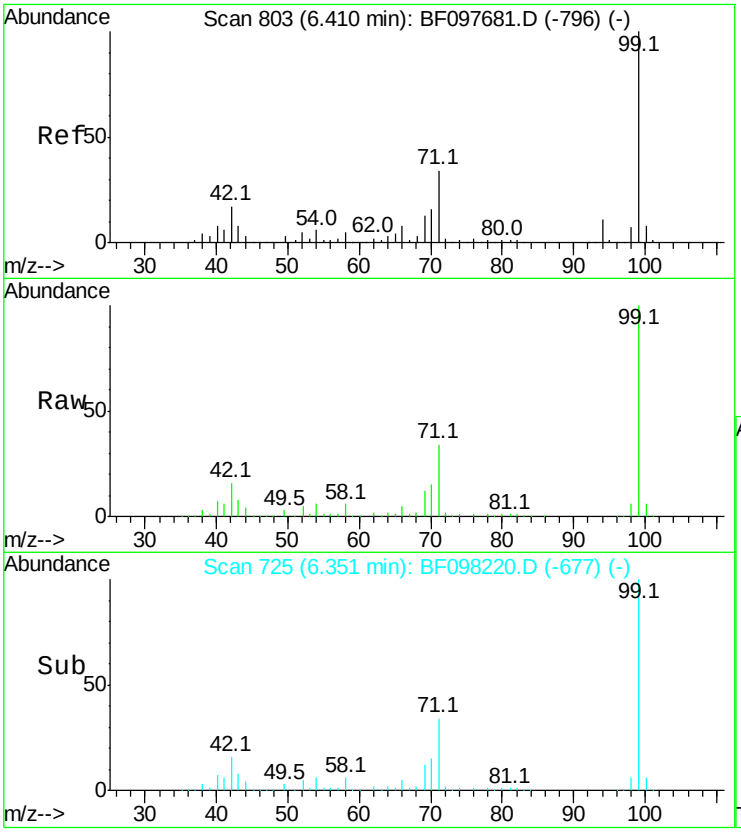


#5
2-Fluorophenol
Concen: 24.757 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF098220.D
Acq: 1 Sep 2017 12:19

Tgt Ion:112 Resp: 206240

Ion	Ratio	Lower	Upper
112	100		
64	59.0	46.0	69.0
63	30.2	23.4	35.0

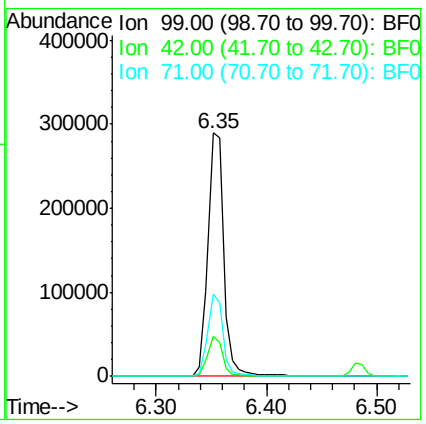




#7
Phenol-d6
Concen: 25.171 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF098220.D
Acq: 1 Sep 2017 12:19

Tgt Ion: 99 Resp: 284901

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.5	20.3
71	33.8	24.5	36.7



Instrument :
BNA_F
ClientSampleId :
CL-01-082917-E

Manual Integrations APPROVED
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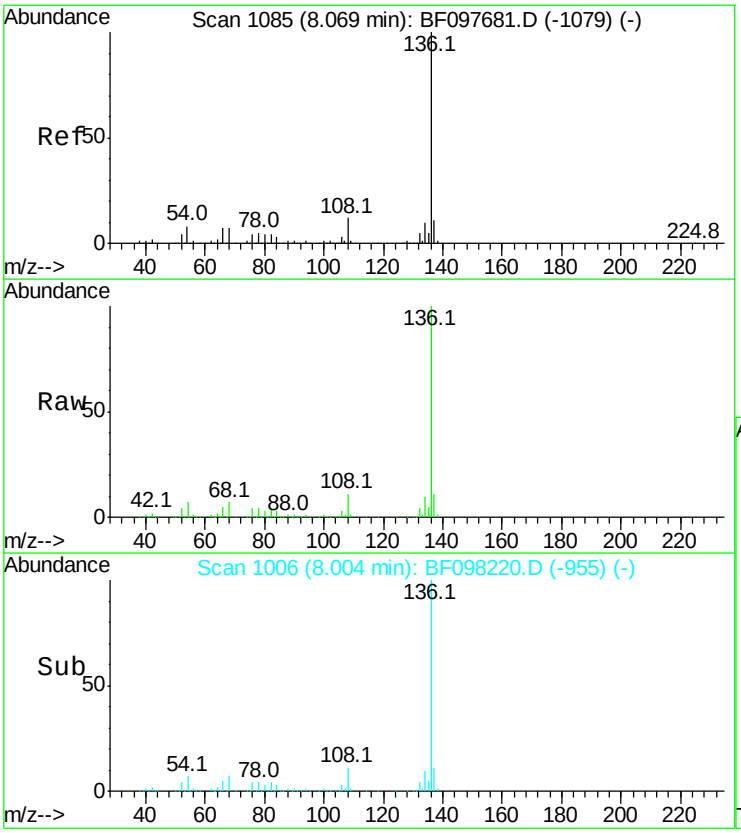
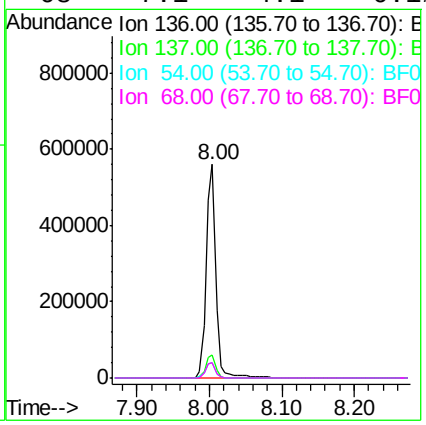
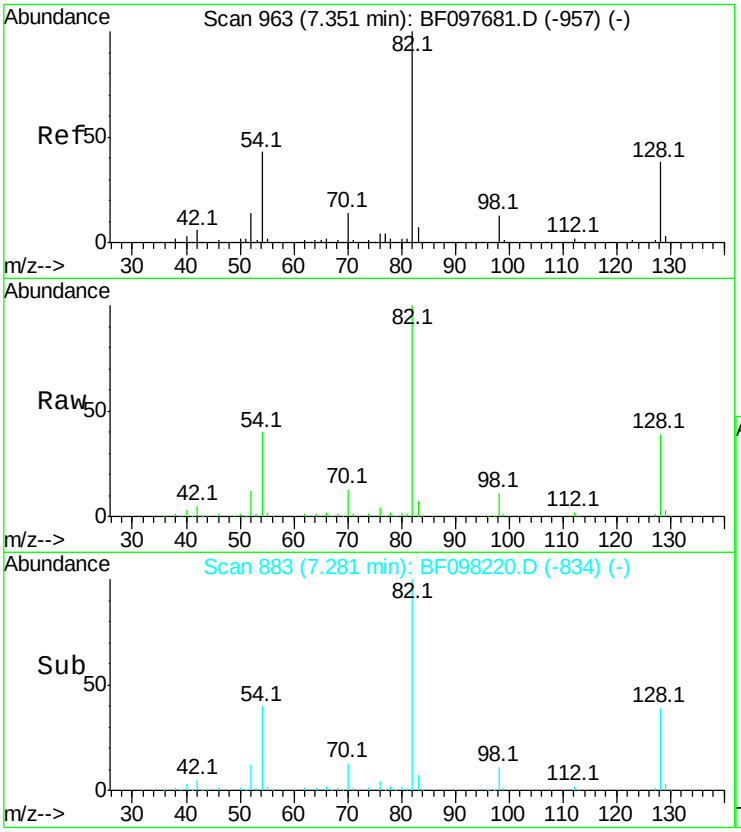


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF098220.D
Acq: 1 Sep 2017 12:19

Tgt Ion:136 Resp: 518734

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.0	4.9	7.3
68	7.1	4.1	6.1#

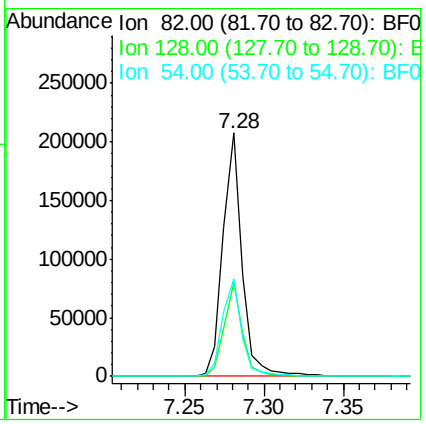




#23
Nitrobenzene-d5
Concen: 18.172 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF098220.D
Acq: 1 Sep 2017 12:19

Tgt Ion: 82 Resp: 173519

Ion	Ratio	Lower	Upper
82	100		
128	38.5	34.0	51.0
54	40.1	42.2	63.2#



Instrument :
BNA_F
ClientSampleId :
CL-01-082917-E

Manual Integrations APPROVED
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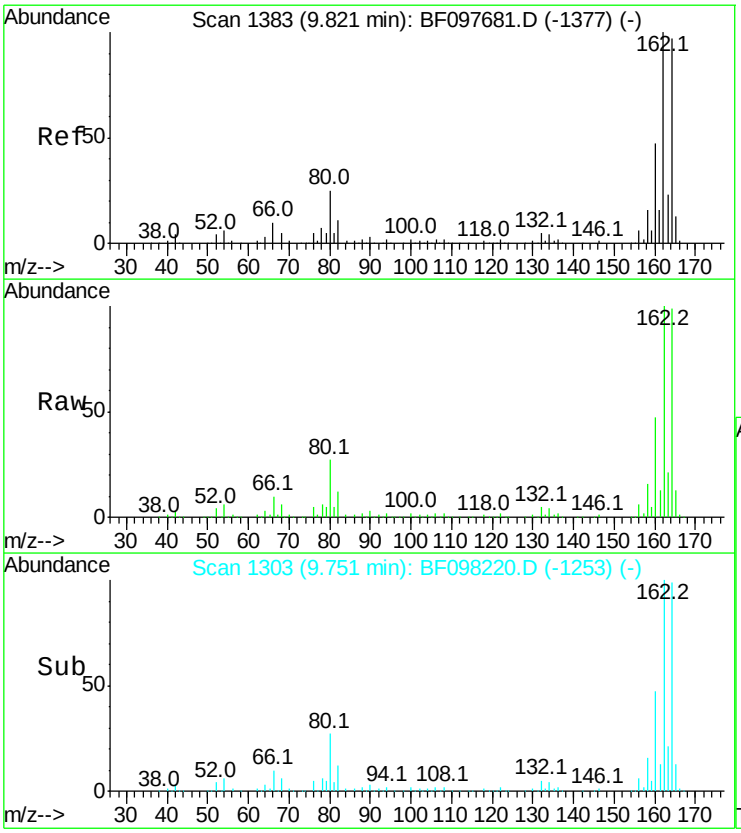
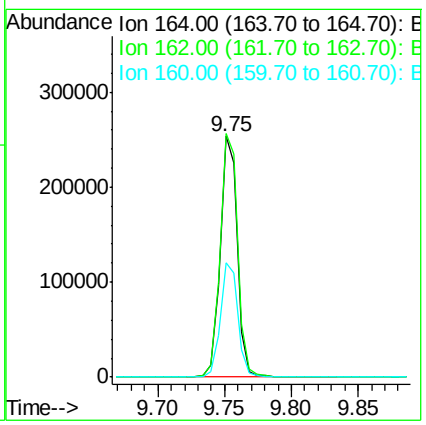
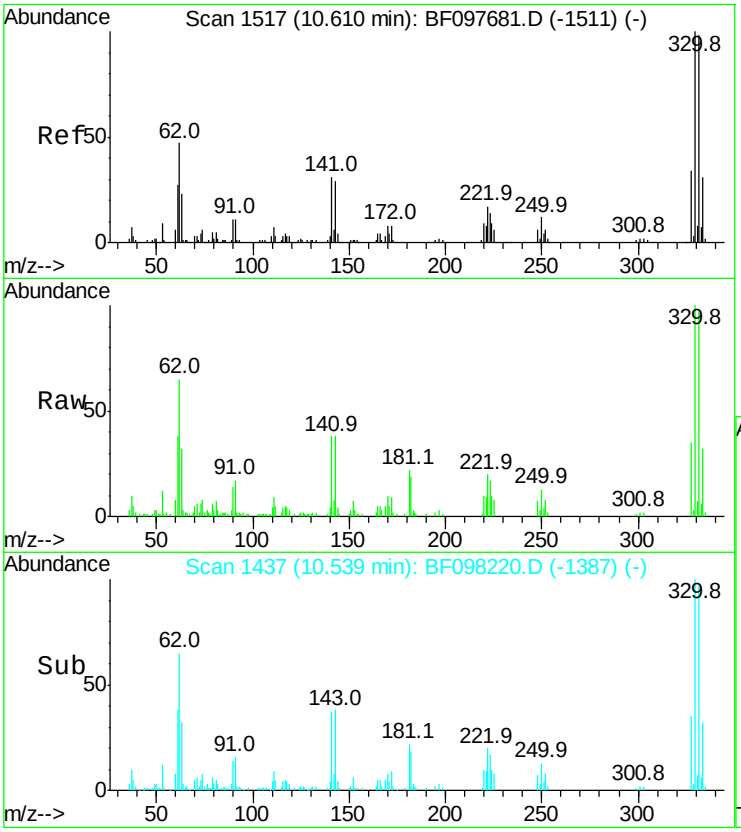


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF098220.D
Acq: 1 Sep 2017 12:19

Tgt Ion:164 Resp: 229018

Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.6	123.8
160	47.7	36.2	54.2





#41
2,4,6-Tribromophenol
Concen: 24.305 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF098220.D
Acq: 1 Sep 2017 12:19

Tgt Ion:330 Resp: 48297

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	42.4	31.4	47.2

Instrument :
BNA_F
ClientSampleId :
CL-01-082917-E

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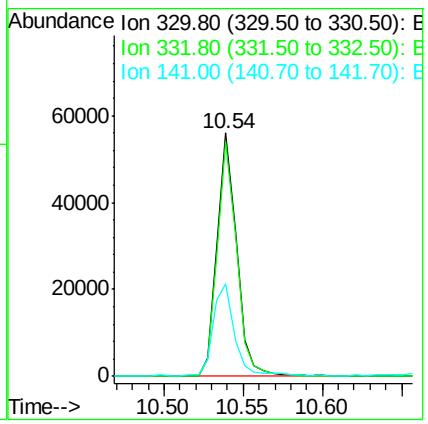
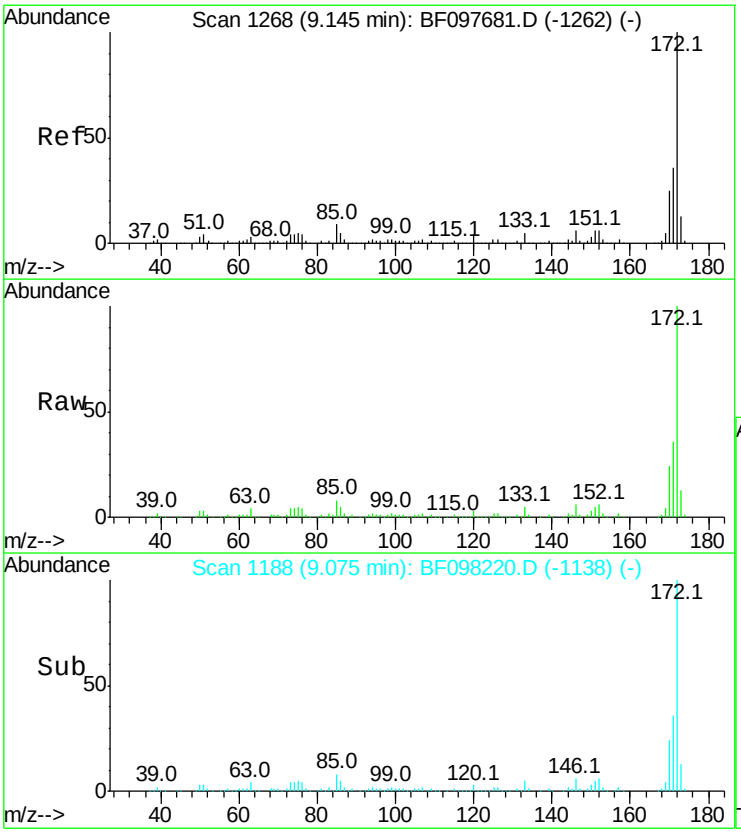
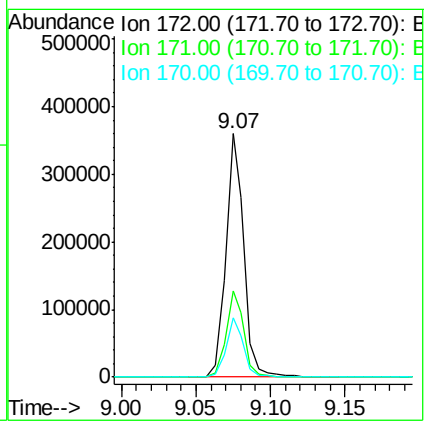


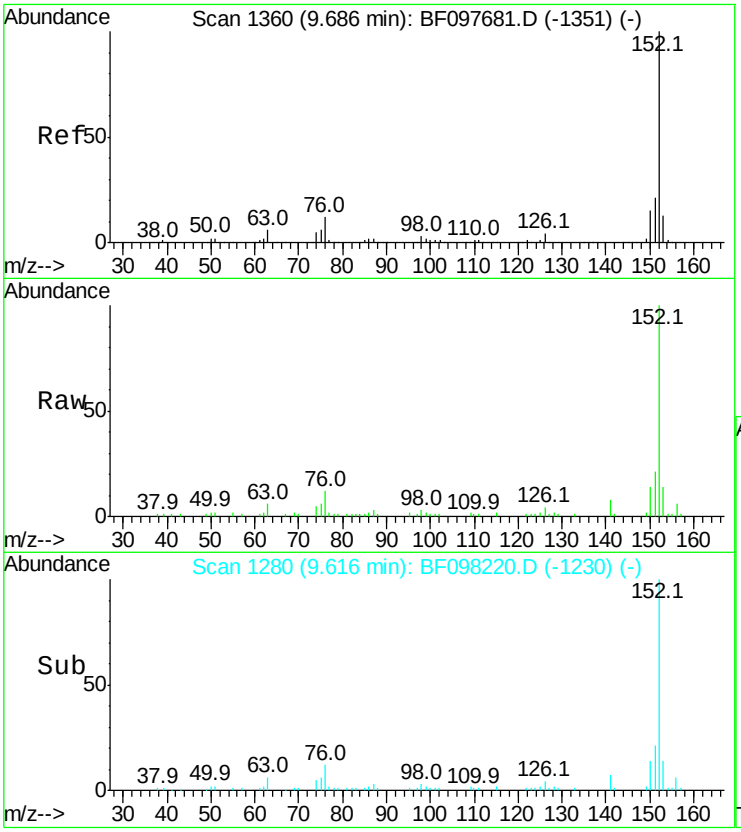


#44
2-Fluorobiphenyl
Concen: 19.663 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF098220.D
Acq: 1 Sep 2017 12:19

Tgt Ion:172 Resp: 306500

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	24.3	19.8	29.8

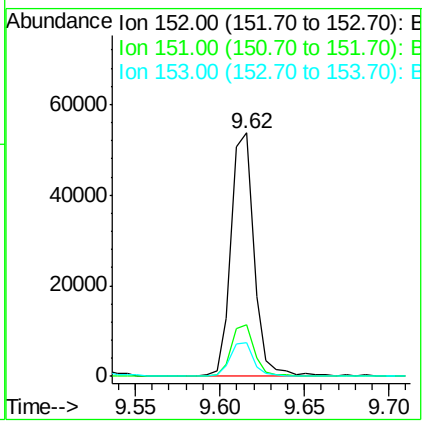




#48
Acenaphthylene
Concen: 2.108 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF098220.D
Acq: 1 Sep 2017 12:19

Tgt Ion:152 Resp: 51093

Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.8	25.2
153	14.0	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
CL-01-082917-E

Manual Integrations APPROVED
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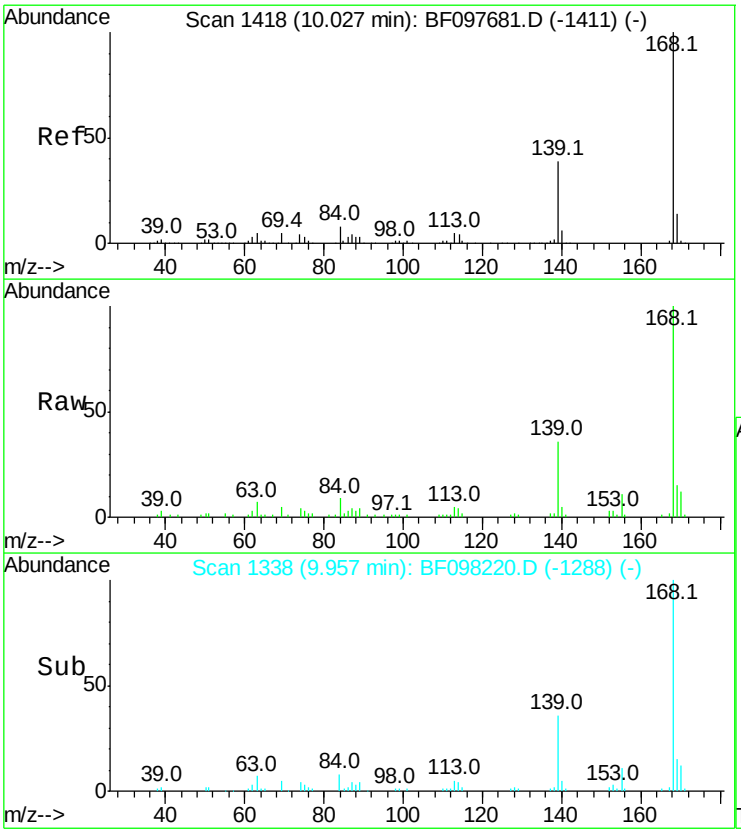
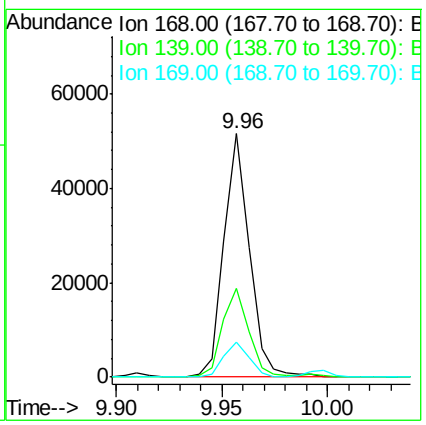
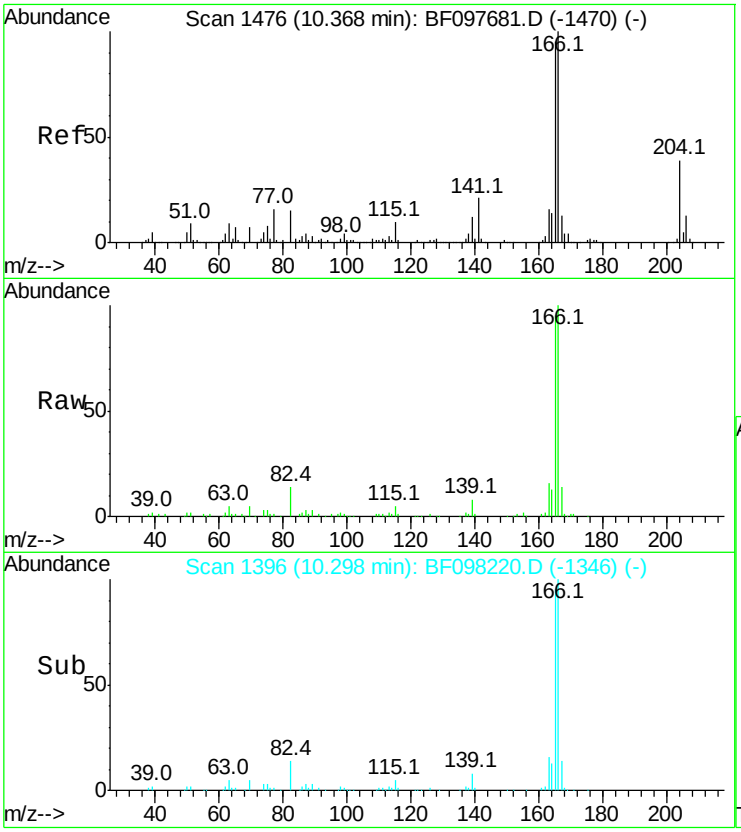


#54
Dibenzofuran
Concen: 2.114 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF098220.D
Acq: 1 Sep 2017 12:19

Tgt Ion:168 Resp: 43299

Ion	Ratio	Lower	Upper
168	100		
139	36.3	30.6	45.8
169	14.6	10.8	16.2

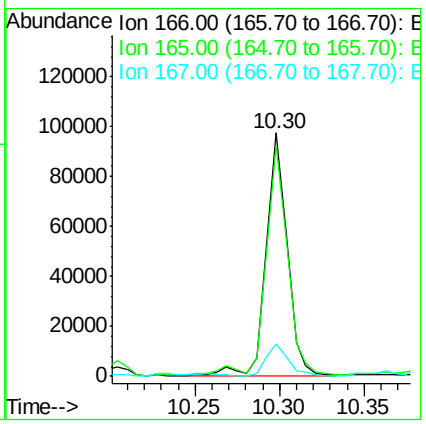




#57
Fluorene
Concen: 5.387 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF098220.D
Acq: 1 Sep 2017 12:19

Tgt Ion:166 Resp: 85308

Ion	Ratio	Lower	Upper
166	100		
165	95.0	78.8	118.2
167	13.6	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
CL-01-082917-E

Manual Integrations APPROVED
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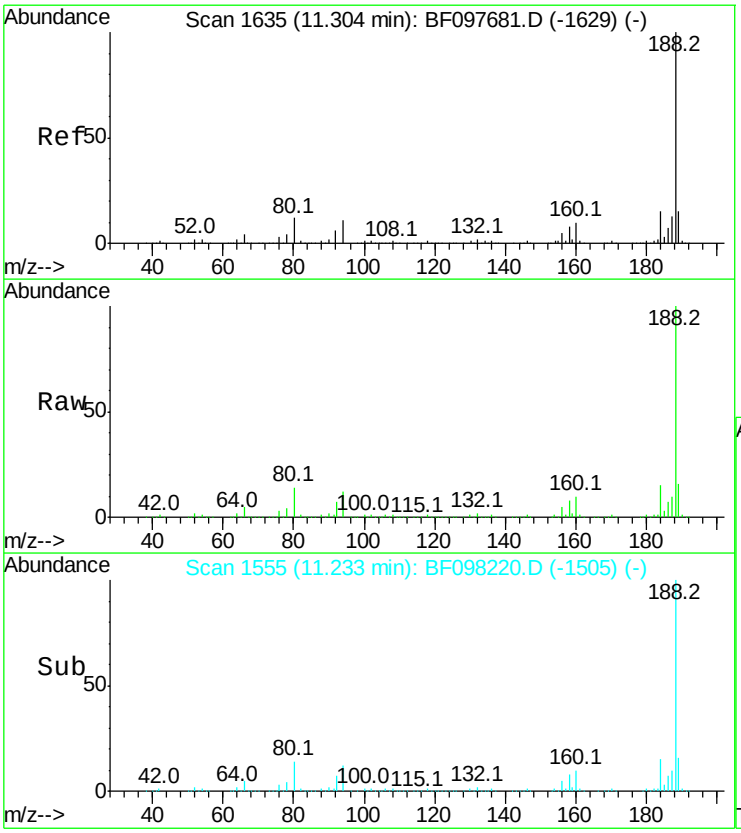
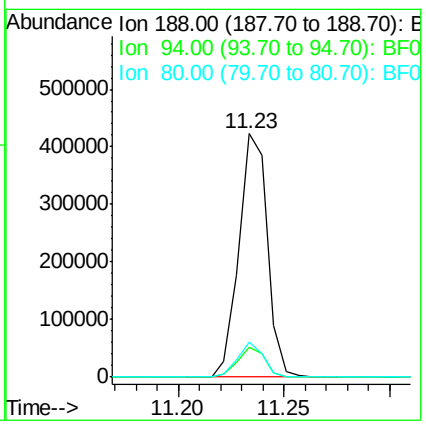
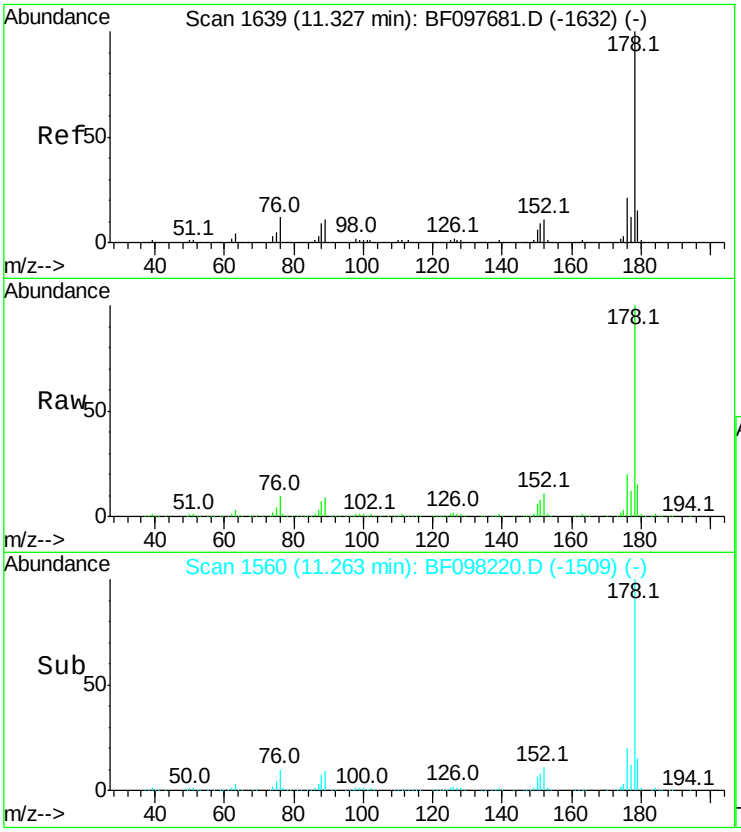


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF098220.D
Acq: 1 Sep 2017 12:19

Tgt Ion:188 Resp: 394495

Ion	Ratio	Lower	Upper
188	100		
94	12.4	9.4	14.2
80	14.2	10.2	15.2

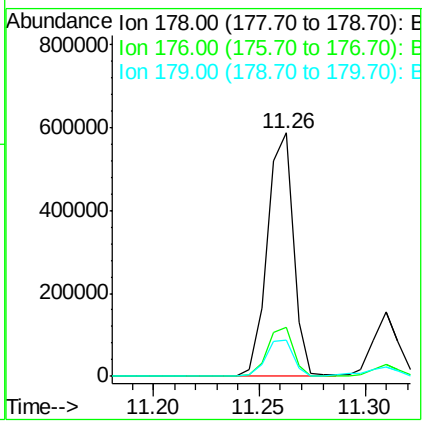




#70
Phenanthrene
Concen: 24.082 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF098220.D
Acq: 1 Sep 2017 12:19

Tgt Ion:178 Resp: 506236

Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.2	24.4
179	15.1	12.6	19.0



Instrument :
BNA_F
ClientSampleId :
CL-01-082917-E

Manual Integrations APPROVED
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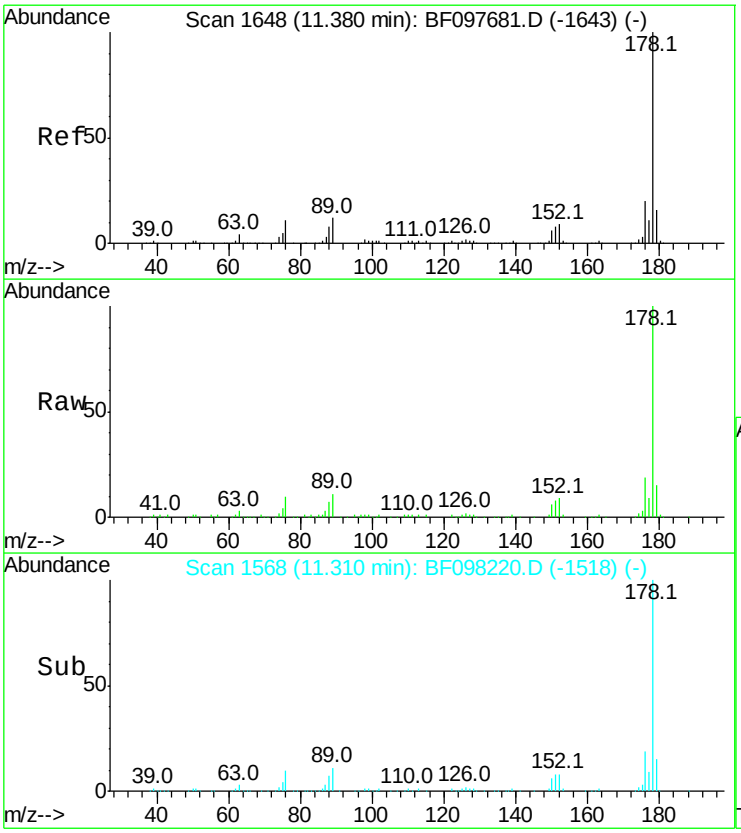
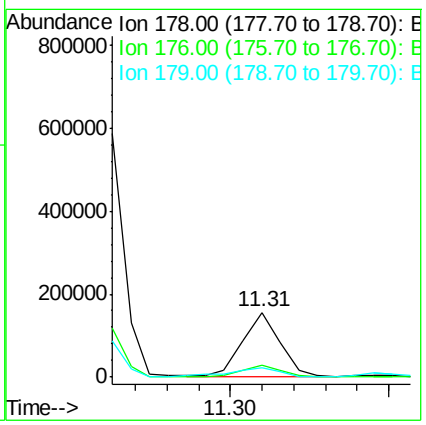
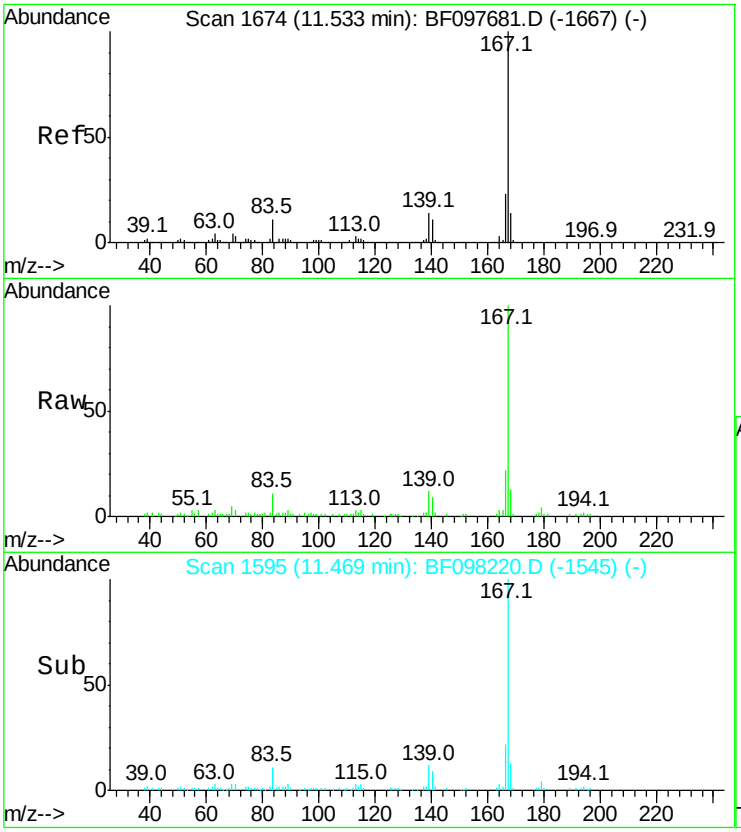


#71
Anthracene
Concen: 5.929 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF098220.D
Acq: 1 Sep 2017 12:19

Tgt Ion:178 Resp: 126417

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	14.5	12.7	19.1

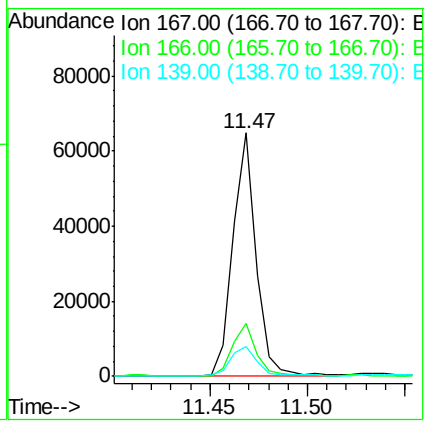




#72
Carbazole
Concen: 2.647 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF098220.D
Acq: 1 Sep 2017 12:19

Tgt Ion:167 Resp: 53571

Ion	Ratio	Lower	Upper
167	100		
166	21.5	18.1	27.1
139	12.4	11.7	17.5



Instrument :
BNA_F
ClientSampleId :
CL-01-082917-E

Manual Integrations APPROVED
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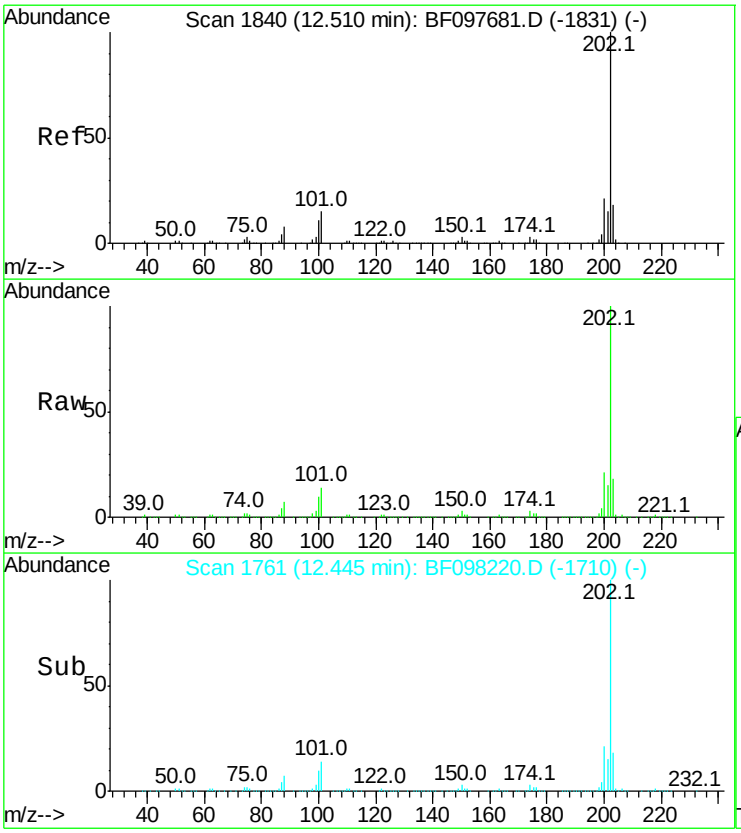
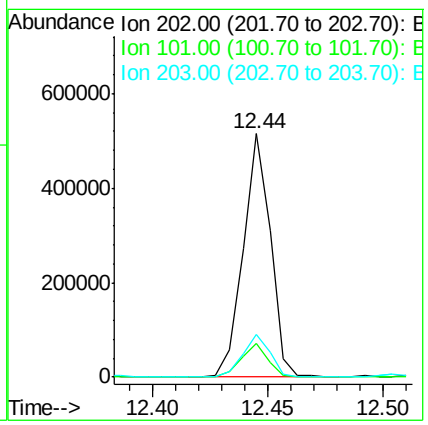
9/5/2017 5:21:55 PM

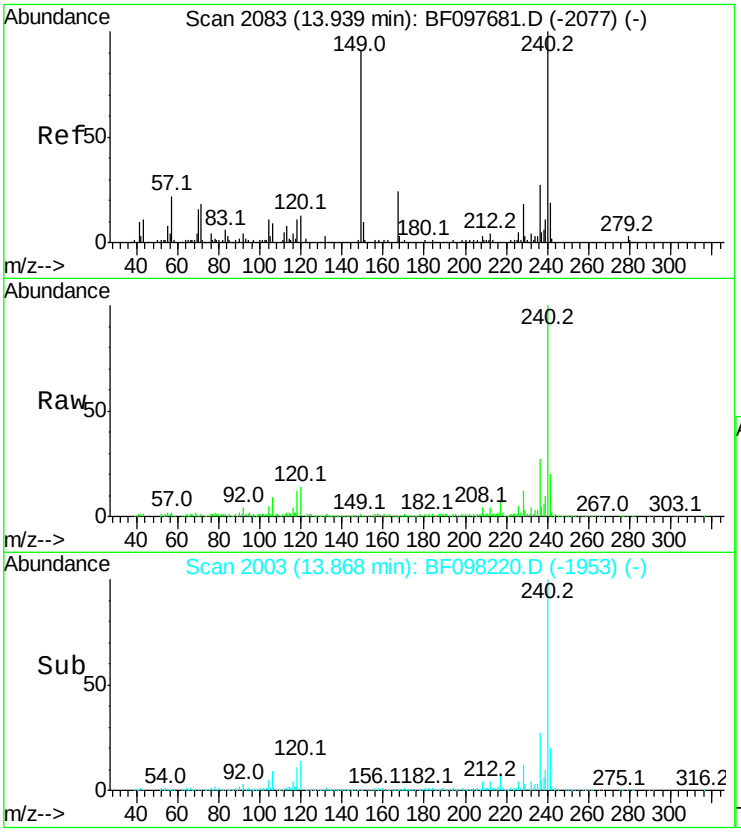


#74
Fluoranthene
Concen: 19.374 ng
RT: 12.44 min Scan# 1761
Delta R.T. 0.00 min
Lab File: BF098220.D
Acq: 1 Sep 2017 12:19

Tgt Ion:202 Resp: 425089

Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	33.2
203	17.6	0.0	38.1

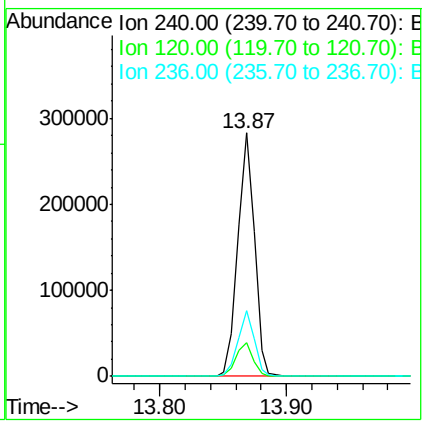




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF098220.D
Acq: 1 Sep 2017 12:19

Tgt Ion:240 Resp: 256561

Ion	Ratio	Lower	Upper
240	100		
120	13.9	5.8	8.8#
236	26.9	20.5	30.7



Instrument :
BNA_F
ClientSampleId :
CL-01-082917-E

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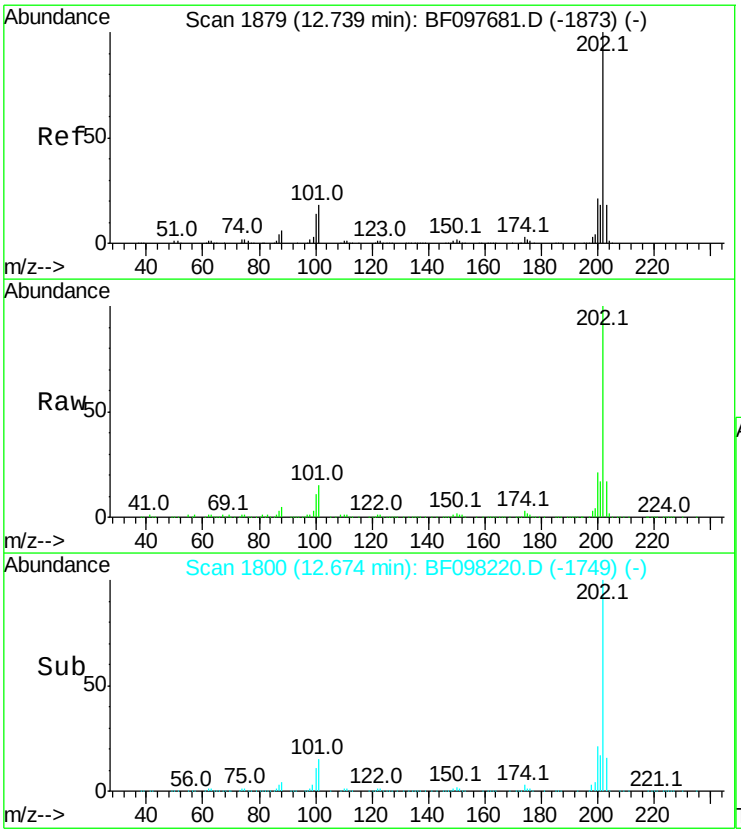
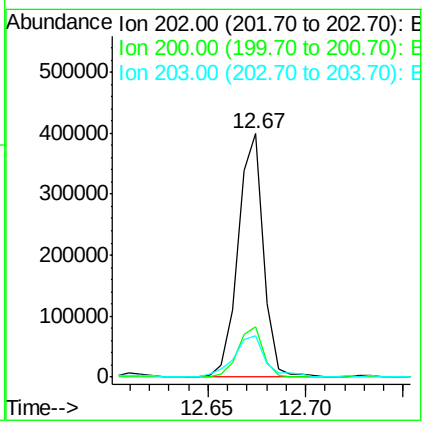
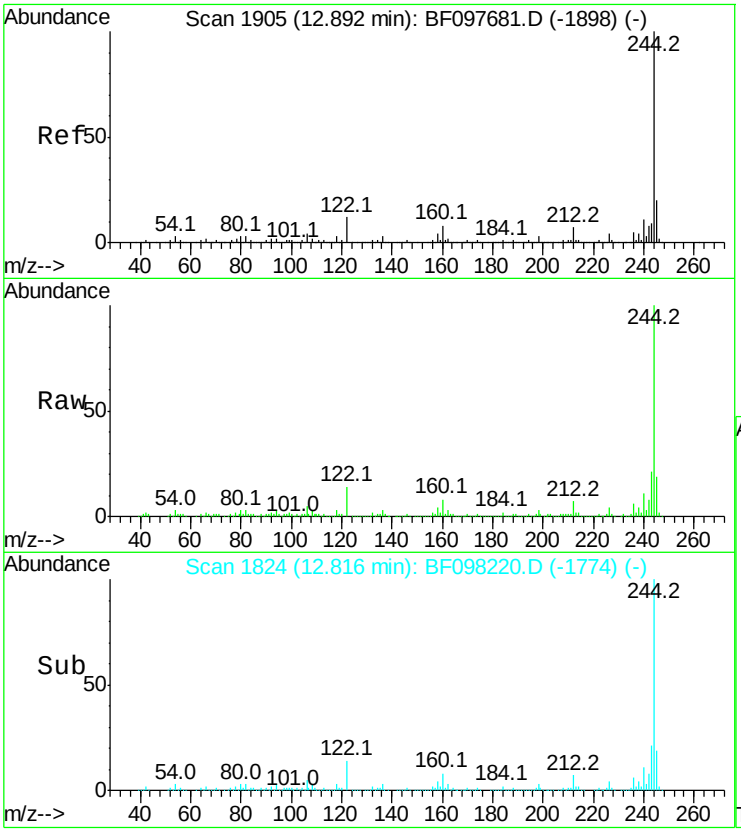


#77
Pyrene
Concen: 17.013 ng
RT: 12.67 min Scan# 1800
Delta R.T. 0.00 min
Lab File: BF098220.D
Acq: 1 Sep 2017 12:19

Tgt Ion:202 Resp: 357001

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.6	26.4
203	17.0	14.4	21.6

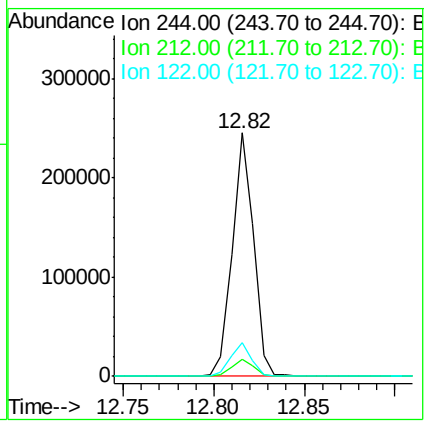




#78
Terphenyl-d14
Concen: 16.363 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF098220.D
Acq: 1 Sep 2017 12:19

Tgt Ion:244 Resp: 201321

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	14.0	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
CL-01-082917-E

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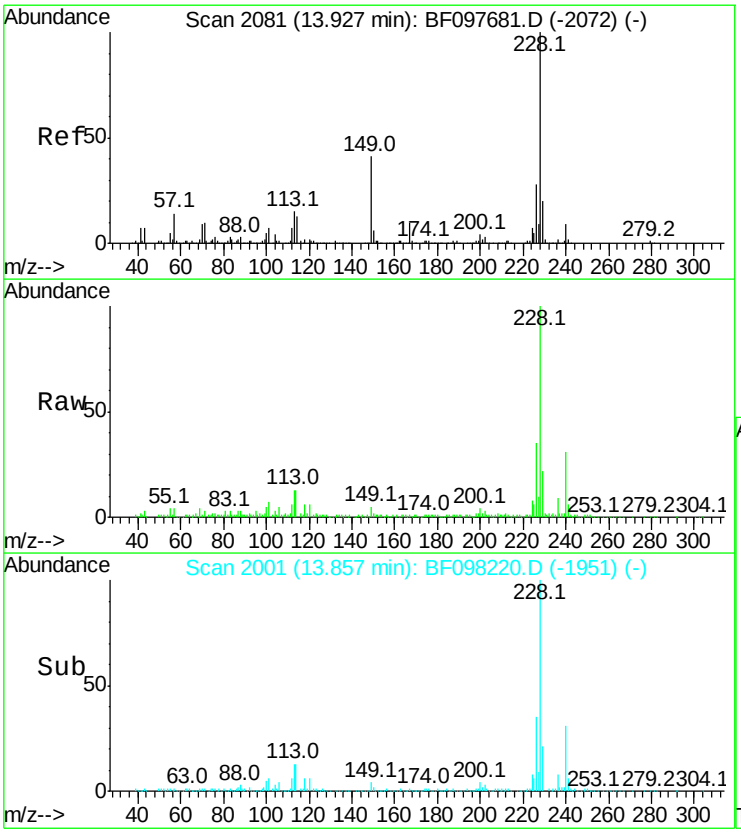
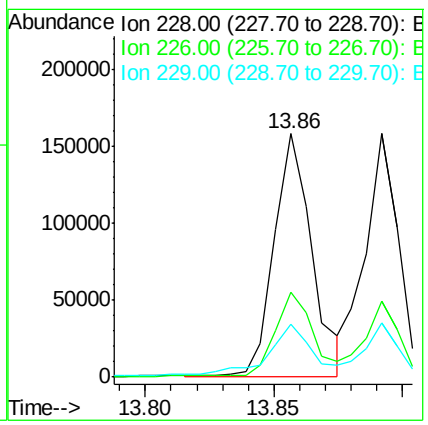
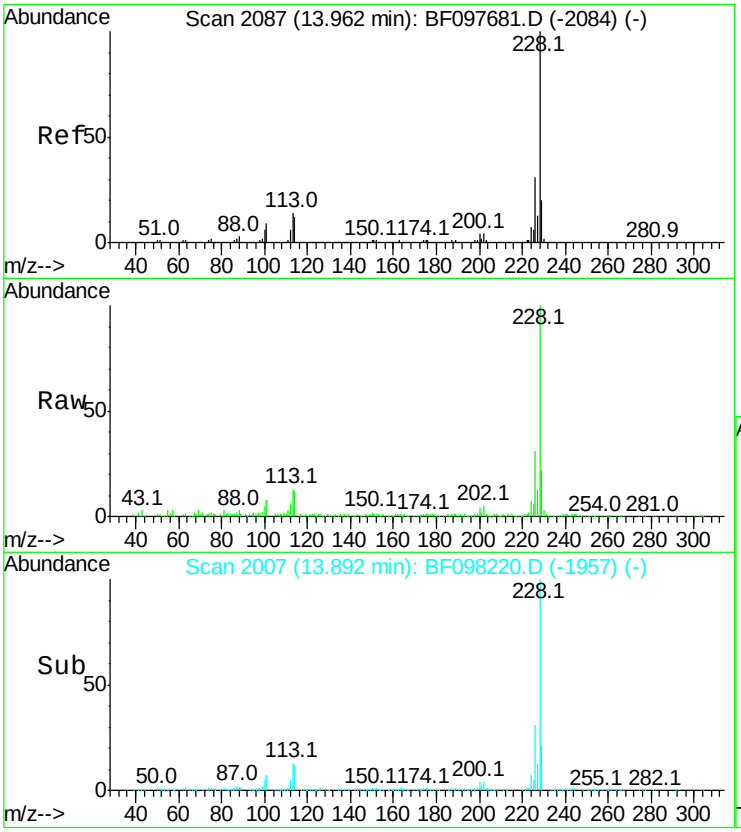


#80
Benzo(a)anthracene
Concen: 10.507 ng m
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF098220.D
Acq: 1 Sep 2017 12:19

Tgt Ion:228 Resp: 161557

Ion	Ratio	Lower	Upper
228	100		
226	35.1	22.6	33.8#
229	21.7	16.3	24.5

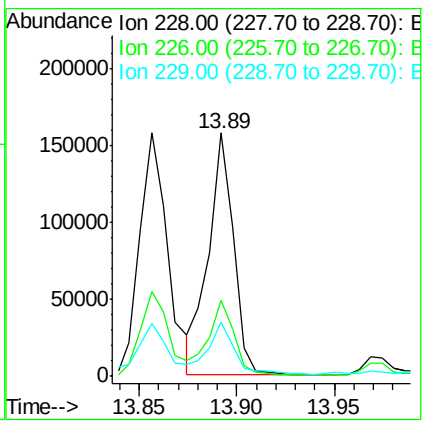




#82
Chrysene
Concen: 9.274 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF098220.D
Acq: 1 Sep 2017 12:19

Tgt Ion:228 Resp: 141862

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	22.1	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
CL-01-082917-E

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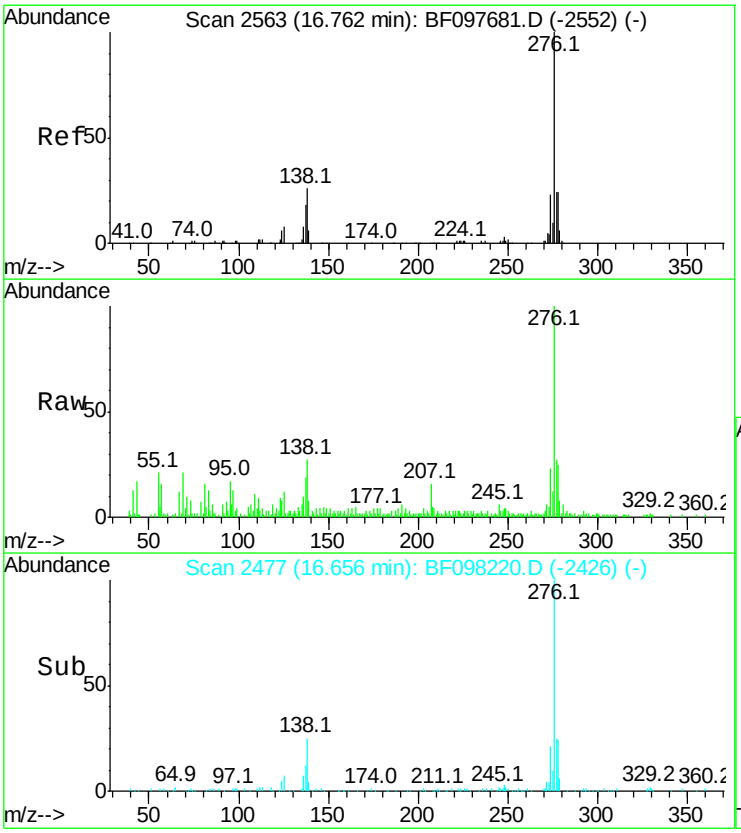
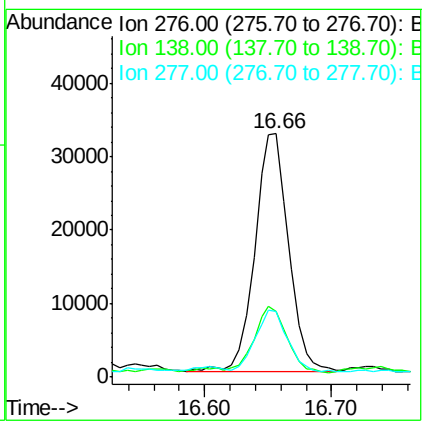
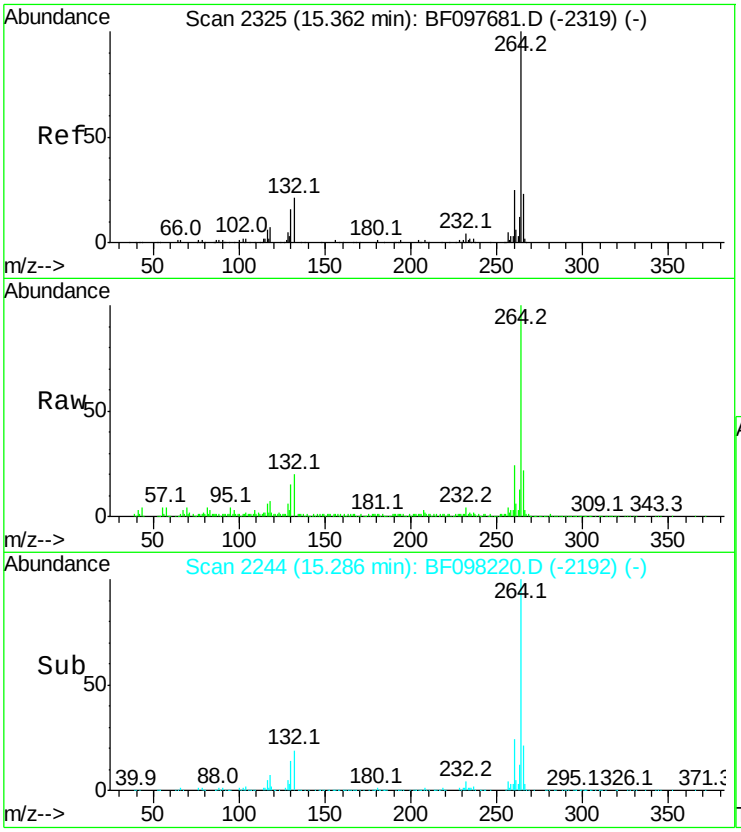


#85
Indeno(1,2,3-cd)pyrene
Concen: 5.260 ng
RT: 16.66 min Scan# 2477
Delta R.T. 0.00 min
Lab File: BF098220.D
Acq: 1 Sep 2017 12:19

Tgt Ion:276 Resp: 59188

Ion	Ratio	Lower	Upper
276	100		
138	28.7	27.8	41.6
277	25.0	20.2	30.4

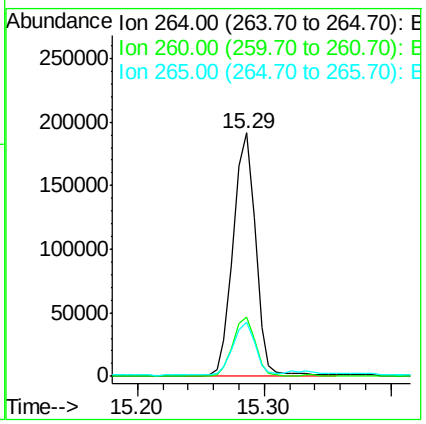




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF098220.D
Acq: 1 Sep 2017 12:19

Tgt Ion:264 Resp: 232299

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	22.0	17.2	25.8



Instrument :
BNA_F
ClientSampleId :
CL-01-082917-E

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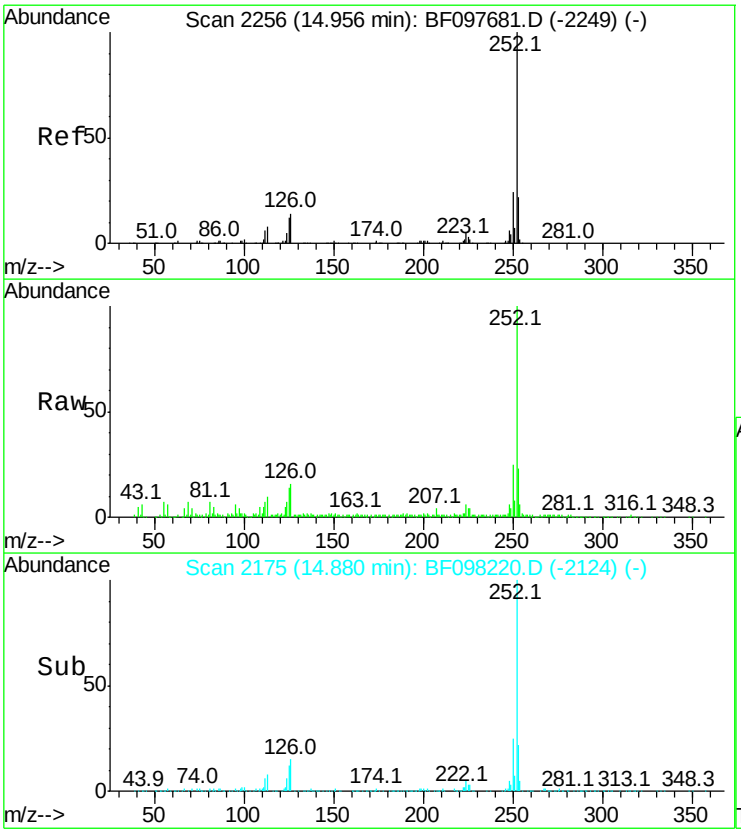
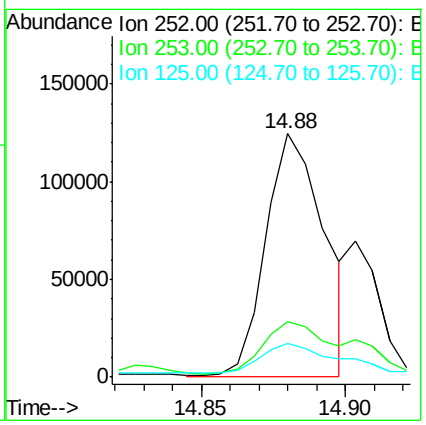
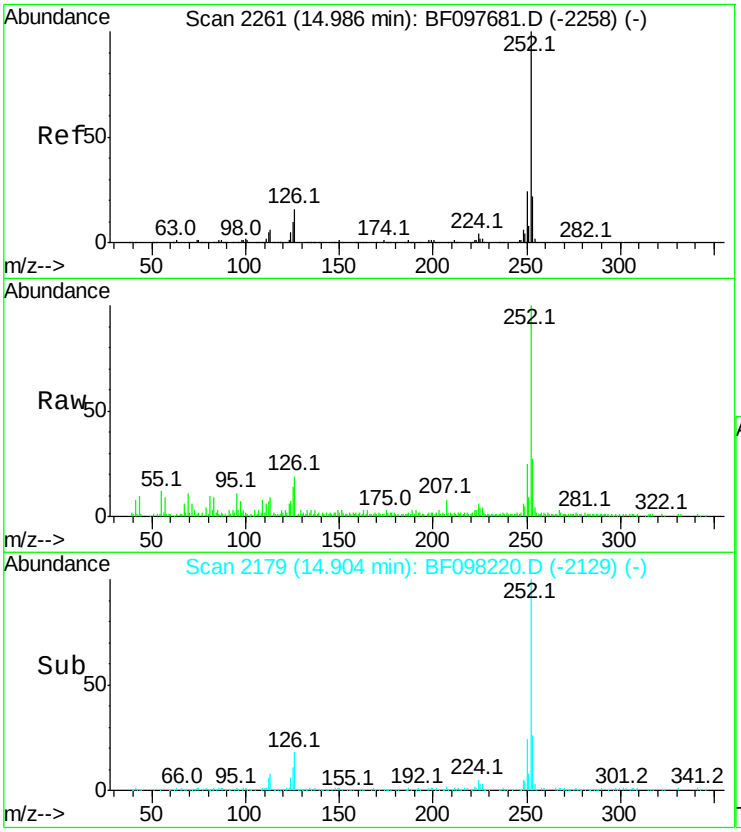


#87
Benzo(b)fluoranthene
Concen: 12.040 ng m
RT: 14.88 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BF098220.D
Acq: 1 Sep 2017 12:19

Tgt Ion:252 Resp: 176298

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	14.1	9.8	14.8

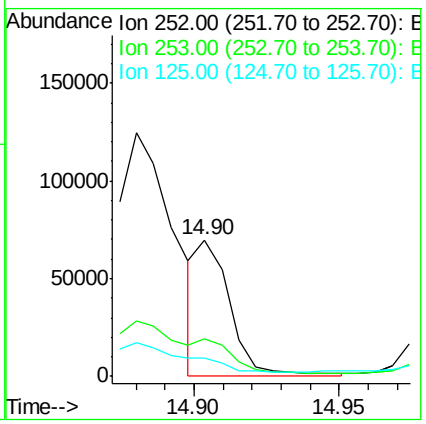




#88
Benzo(k)fluoranthene
Concen: 4.050 ng m
RT: 14.90 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF098220.D
Acq: 1 Sep 2017 12:19

Tgt Ion:252 Resp: 55714

Ion	Ratio	Lower	Upper
252	100		
253	27.1	18.4	27.6
125	13.9	13.1	19.7



Instrument :
BNA_F
ClientSampleId :
CL-01-082917-E

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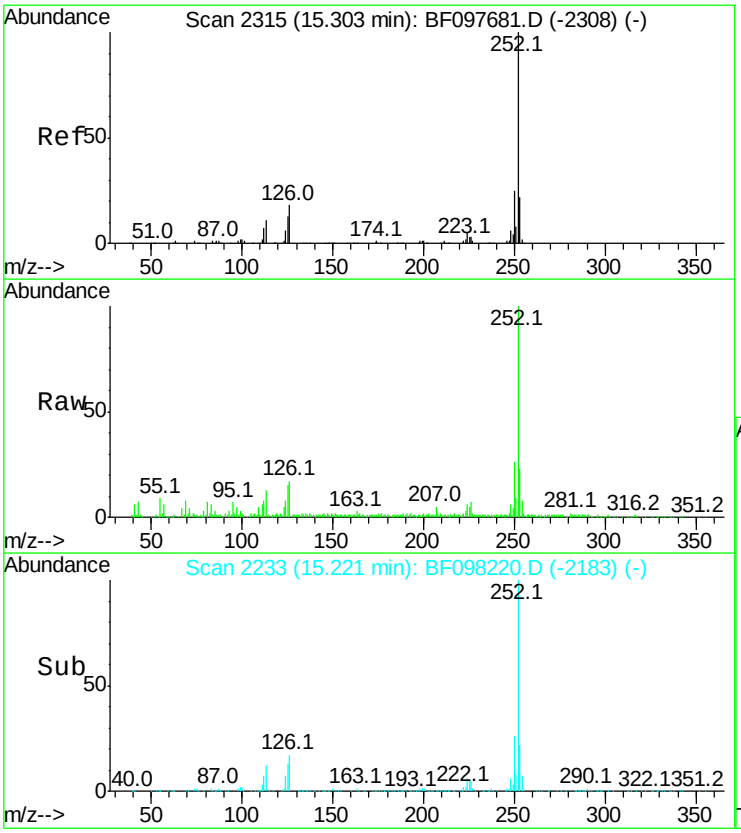
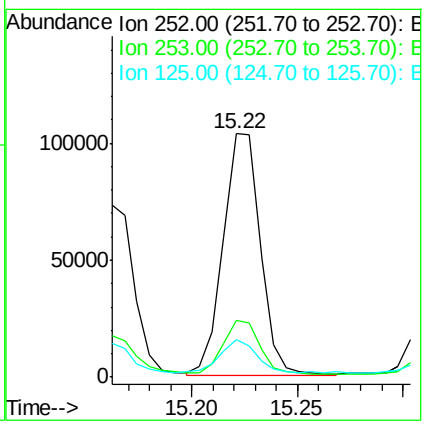
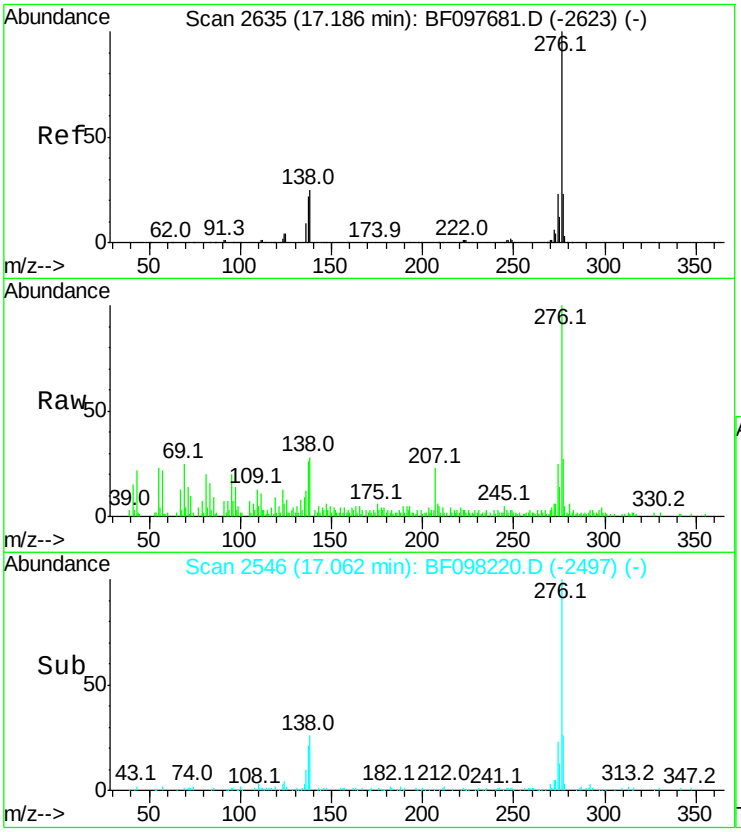


#89
Benzo(a)pyrene
Concen: 9.693 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF098220.D
Acq: 1 Sep 2017 12:19

Tgt Ion:252 Resp: 125646

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	15.2	11.0	16.4

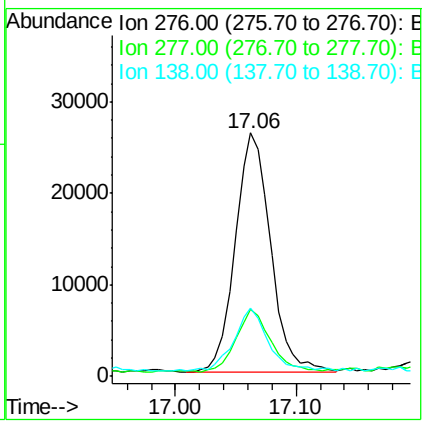




#91
Benzo(g,h,i)perylene
Concen: 4.839 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.01 min
Lab File: BF098220.D
Acq: 1 Sep 2017 12:19

Tgt Ion:276 Resp: 53282

Ion	Ratio	Lower	Upper
276	100		
277	27.5	18.6	28.0
138	27.8	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
CL-01-082917-E

Manual Integrations APPROVED
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