Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098553.D
Acq On : 15 Sep 2017 3:04
Operator : SJ/JU
Sample : I5218-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-091217

Manual Integrations APPROVED
Sohil
9/15/2017 5:44:33 PM

Quant Time: Sep 15 07:23:47 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	124744	20.00	ng		-0.02
21) Naphthalene-d8	7.93	136	460205	20.00	ng		-0.02
38) Acenaphthene-d10	9.68	164	172888	20.00	ng		-0.02
63) Phenanthrene-d10	11.16	188	298056	20.00	ng		-0.02
75) Chrysene-d12	13.80	240	300829	20.00	ng		-0.02
86) Perylene-d12	15.20	264	280388	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	171036	20.27	ng		-0.02
7) Phenol-d6	6.30	99	199320	18.61	ng		-0.02
23) Nitrobenzene-d5	7.22	82	110864	13.43	ng		-0.02
41) 2,4,6-Tribromophenol	10.47	330	26500	22.97	ng		-0.02
44) 2-Fluorobiphenyl	9.00	172	178358	17.49	ng		-0.03
78) Terphenyl-d14	12.74	244	153623	11.02	ng		-0.03
Target Compounds							Qvalue
57) Fluorene	10.23	166	28550	2.507	ng		99
70) Phenanthrene	11.19	178	445739	28.210	ng		98
71) Anthracene	11.24	178	95936	5.914	ng		97
72) Carbazole	11.40	167	40688	2.691	ng		98
74) Fluoranthene	12.37	202	527680	33.360	ng		97
77) Pyrene	12.60	202	438797	18.490	ng		98
80) Benzo(a)anthracene	13.79	228	215291	12.207	ng		99
82) Chrysene	13.82	228	179858	10.088	ng		95
85) Indeno(1,2,3-cd)pyrene	16.53	276	61708	4.933	ng	#	89
87) Benzo(b)fluoranthene	14.80	252	228342m	12.952	ng		
88) Benzo(k)fluoranthene	14.83	252	63872m	3.881	ng		
89) Benzo(a)pyrene	15.14	252	139068	8.854	ng		98
91) Benzo(g,h,i)perylene	16.93	276	53650	4.669	ng		95

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

Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098553.D
Acq On : 15 Sep 2017 3:04
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Manual Integrations APPROVED
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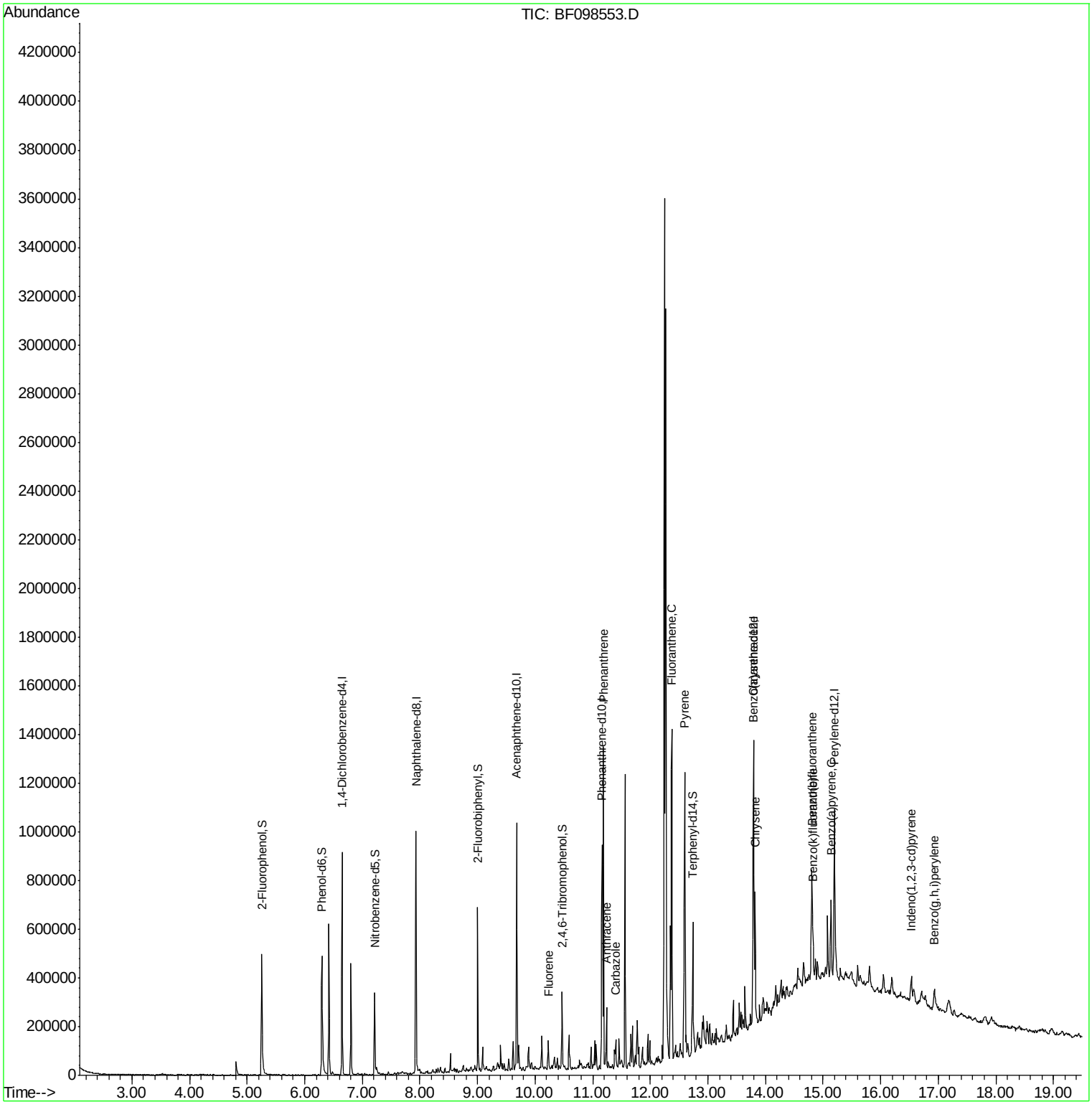
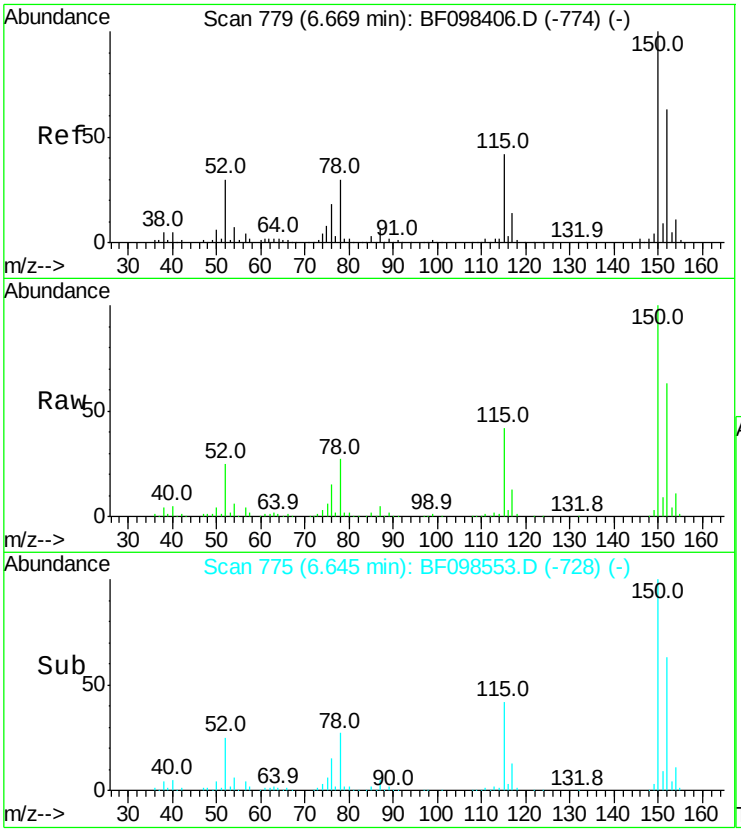
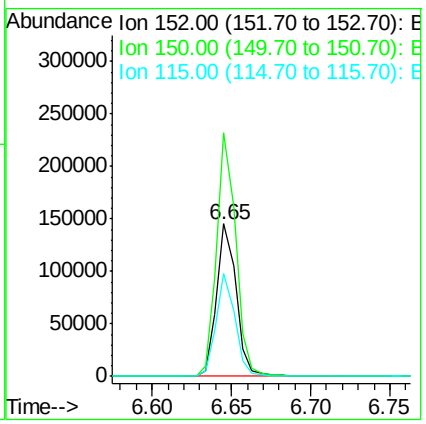




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.02 min
Lab File: BF098553.D
Acq: 15 Sep 2017 3:04

Tgt Ion:152 Resp: 124744

Ion	Ratio	Lower	Upper
152	100		
150	159.6	126.2	189.2
115	67.3	52.2	78.2



Instrument :
BNA_F
ClientSampleId :
SU-02-091217

Manual Integrations APPROVED
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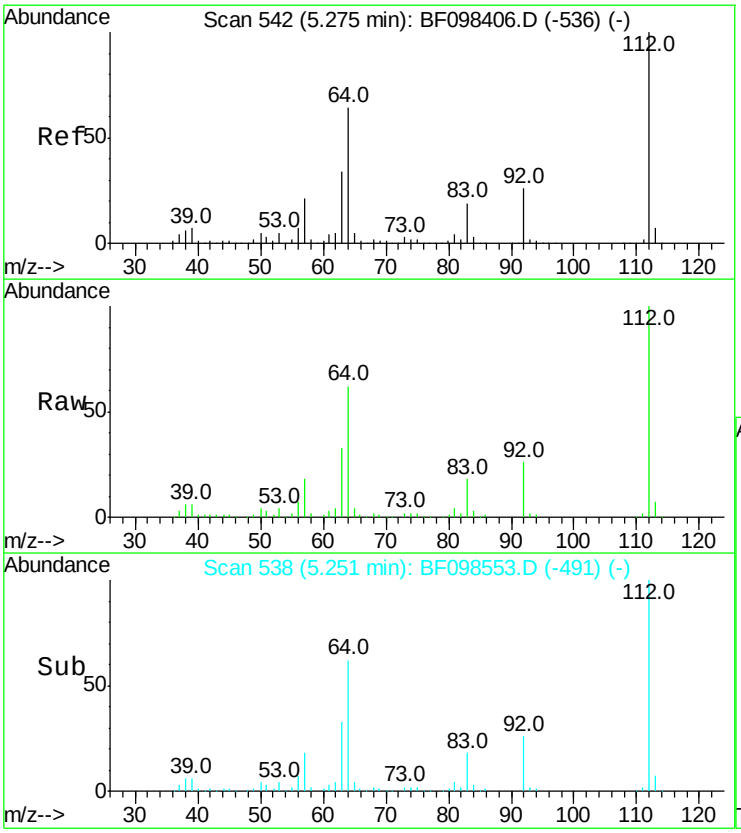
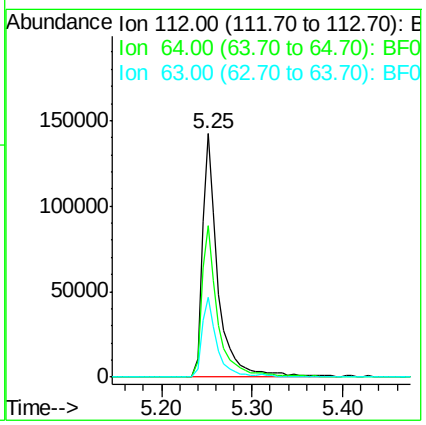
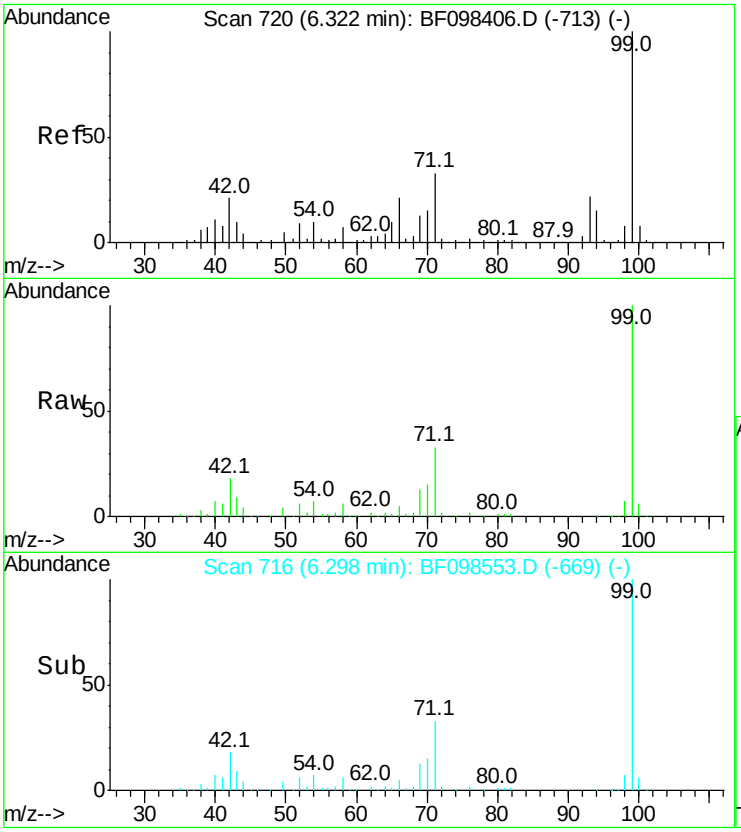


#5
2-Fluorophenol
Concen: 20.272 ng
RT: 5.25 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF098553.D
Acq: 15 Sep 2017 3:04

Tgt Ion:112 Resp: 171036

Ion	Ratio	Lower	Upper
112	100		
64	62.3	46.0	69.0
63	32.7	23.4	35.0

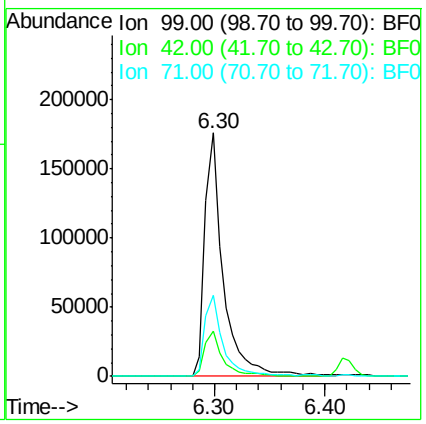




#7
Phenol-d6
Concen: 18.607 ng
RT: 6.30 min Scan# 716
Delta R.T. -0.02 min
Lab File: BF098553.D
Acq: 15 Sep 2017 3:04

Tgt Ion: 99 Resp: 199320

Ion	Ratio	Lower	Upper
99	100		
42	18.4	13.5	20.3
71	33.1	24.5	36.7



Instrument :
BNA_F
ClientSampleId :
SU-02-091217

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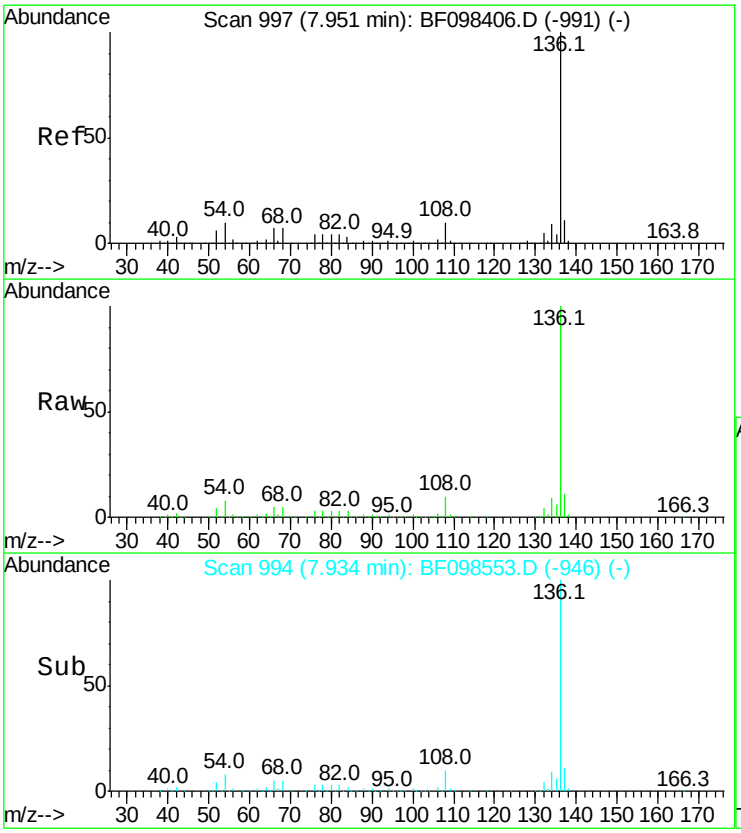
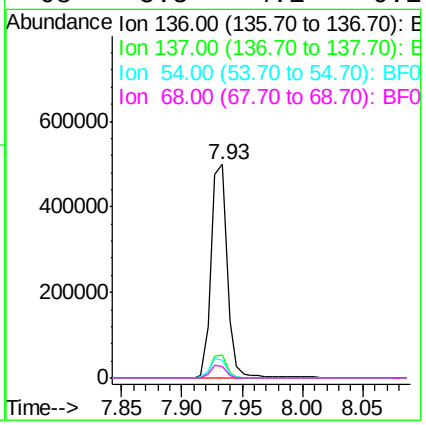
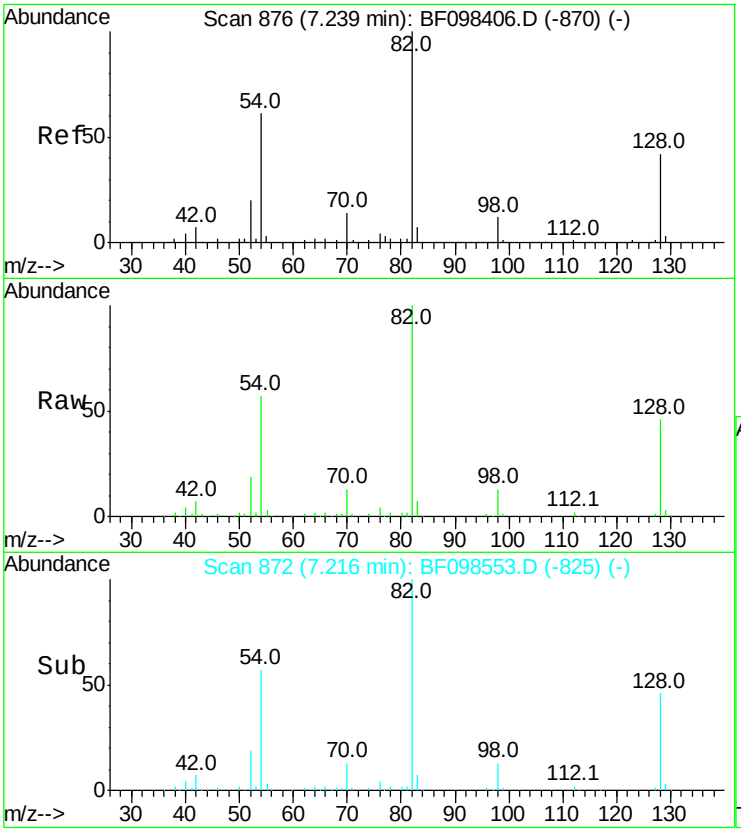


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.02 min
Lab File: BF098553.D
Acq: 15 Sep 2017 3:04

Tgt Ion:136 Resp: 460205

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	8.3	4.9	7.3#
68	5.5	4.1	6.1

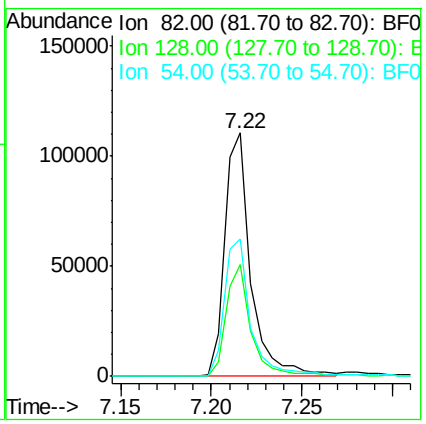




#23
Nitrobenzene-d5
Concen: 13.430 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF098553.D
Acq: 15 Sep 2017 3:04

Tgt Ion: 82 Resp: 110864

Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.0	51.0
54	56.7	42.2	63.2



Instrument :
BNA_F
ClientSampleId :
SU-02-091217

Manual Integrations APPROVED
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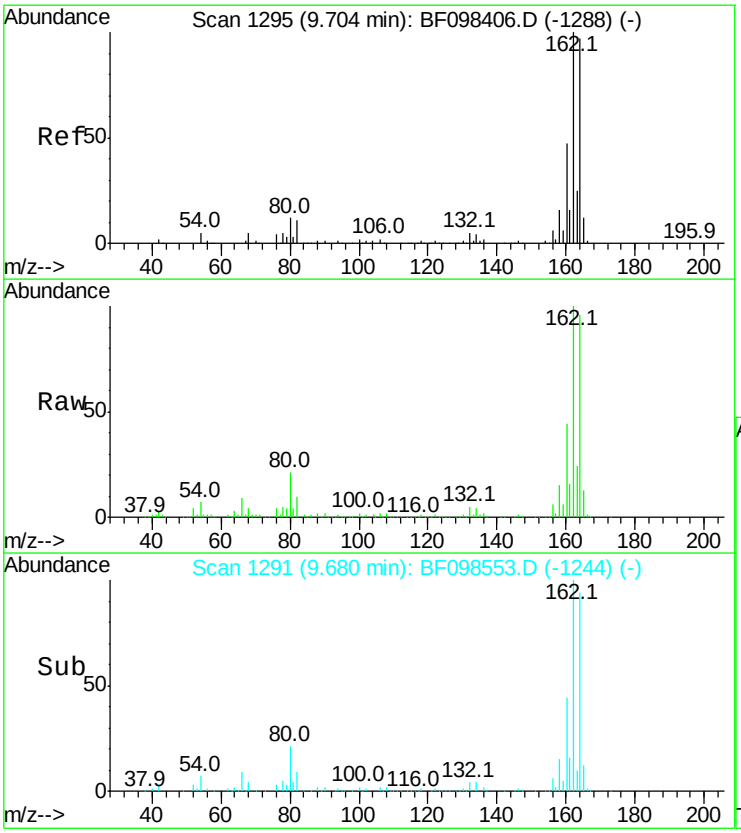
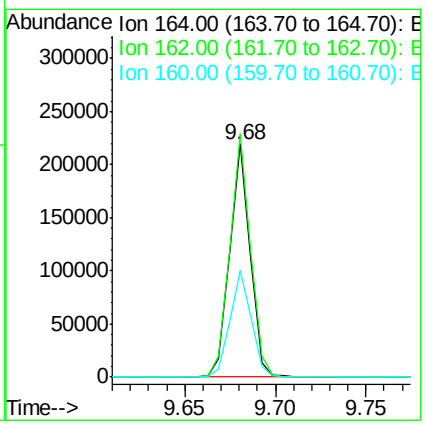
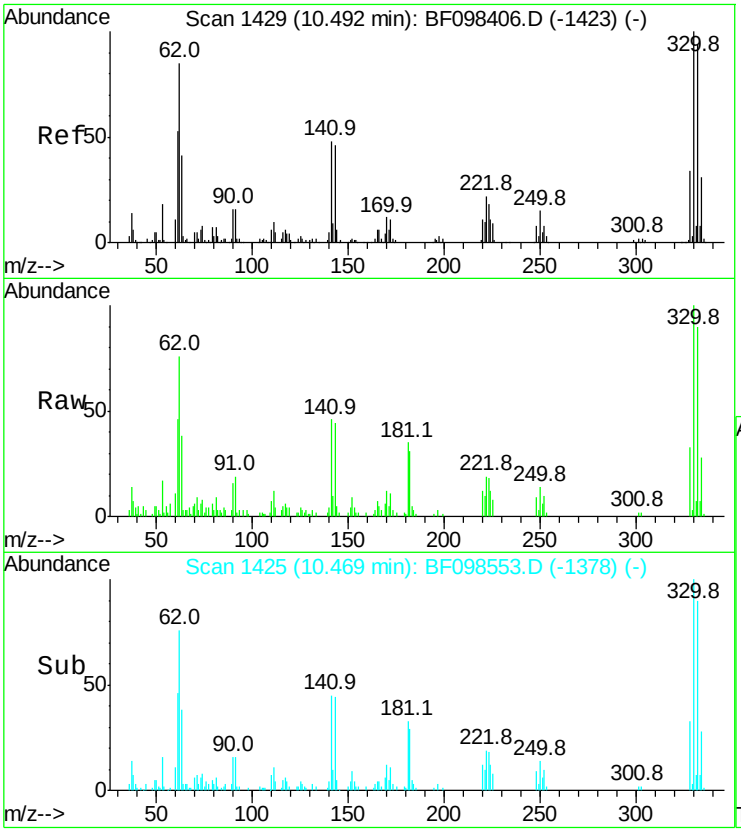


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF098553.D
Acq: 15 Sep 2017 3:04

Tgt Ion:164 Resp: 172888

Ion	Ratio	Lower	Upper
164	100		
162	104.5	82.6	123.8
160	45.8	36.2	54.2





#41
2,4,6-Tribromophenol
Concen: 22.966 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.02 min
Lab File: BF098553.D
Acq: 15 Sep 2017 3:04

Tgt Ion:330 Resp: 26500

Ion	Ratio	Lower	Upper
330	100		
332	93.6	76.6	115.0
141	49.9	31.4	47.2#

Instrument :
BNA_F
ClientSampleId :
SU-02-091217

Manual Integrations APPROVED
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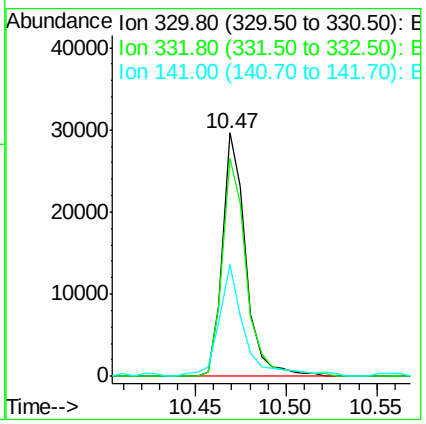
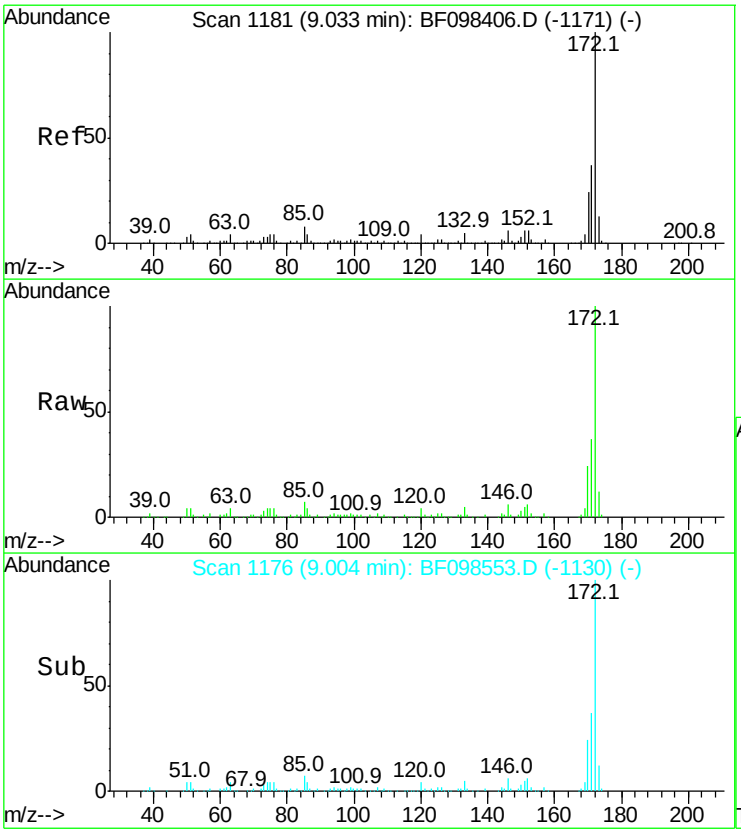
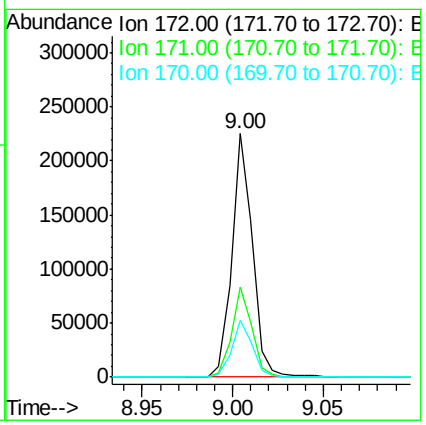


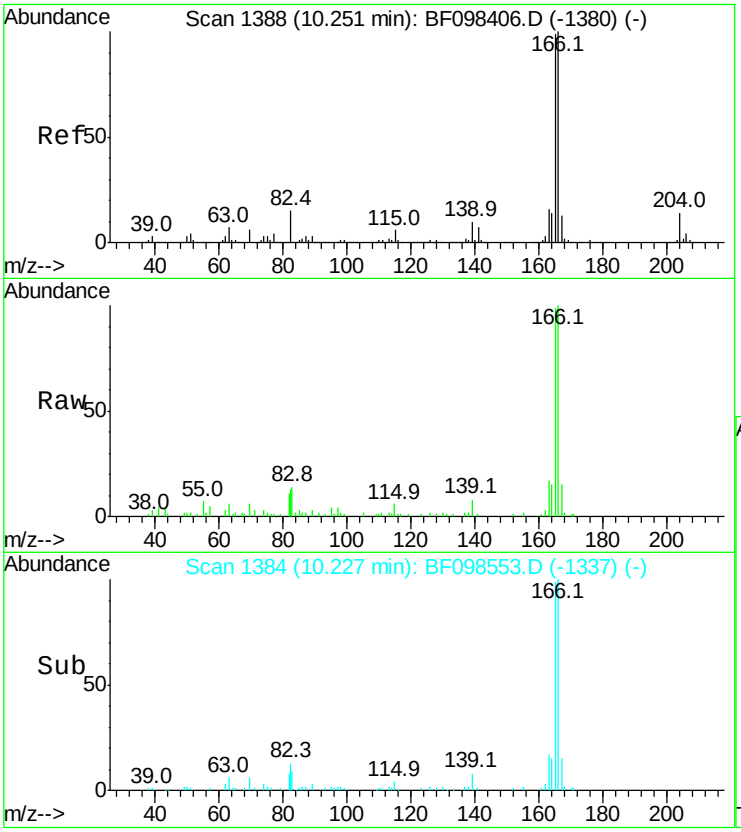


#44
2-Fluorobiphenyl
Concen: 17.485 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.03 min
Lab File: BF098553.D
Acq: 15 Sep 2017 3:04

Tgt Ion:172 Resp: 178358

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.6	44.4
170	23.5	19.8	29.8

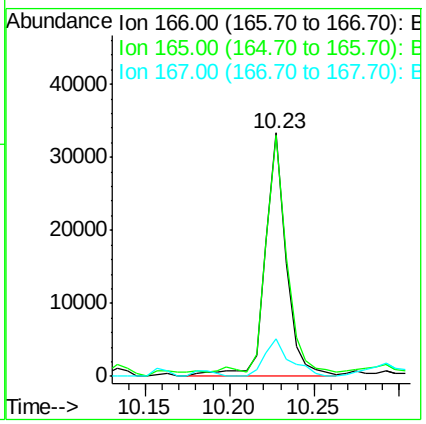




#57
Fluorene
Concen: 2.507 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.02 min
Lab File: BF098553.D
Acq: 15 Sep 2017 3:04

Tgt Ion:166 Resp: 28550

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.8	118.2
167	15.4	10.6	16.0



Instrument :
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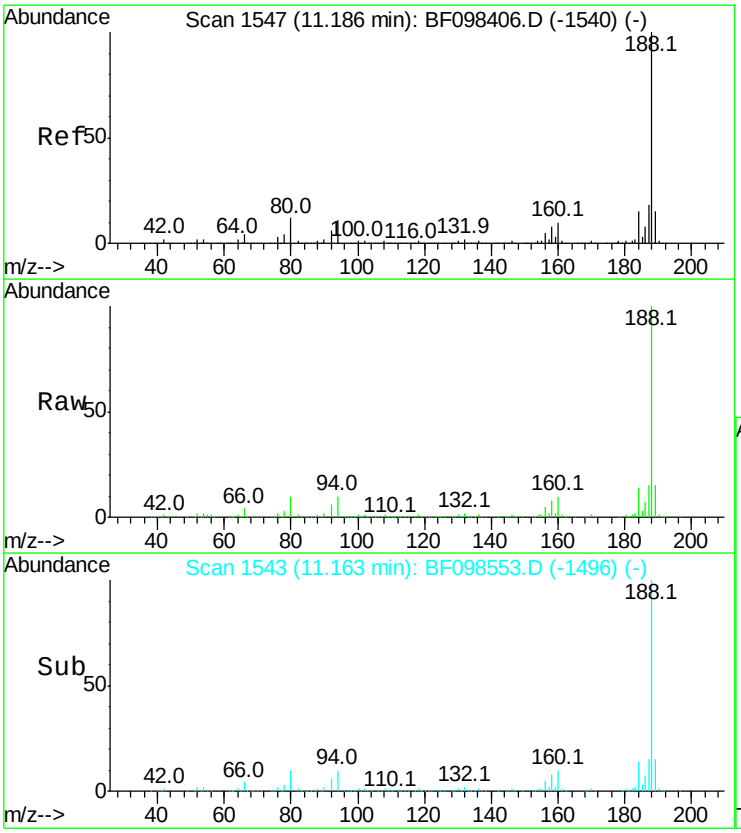
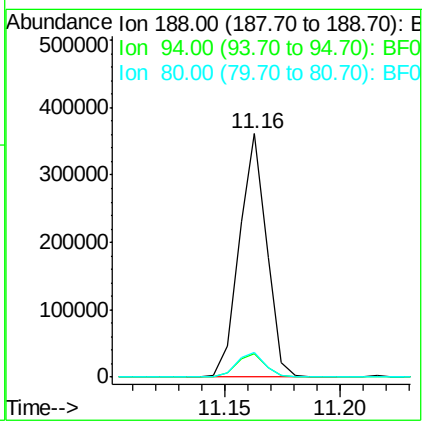
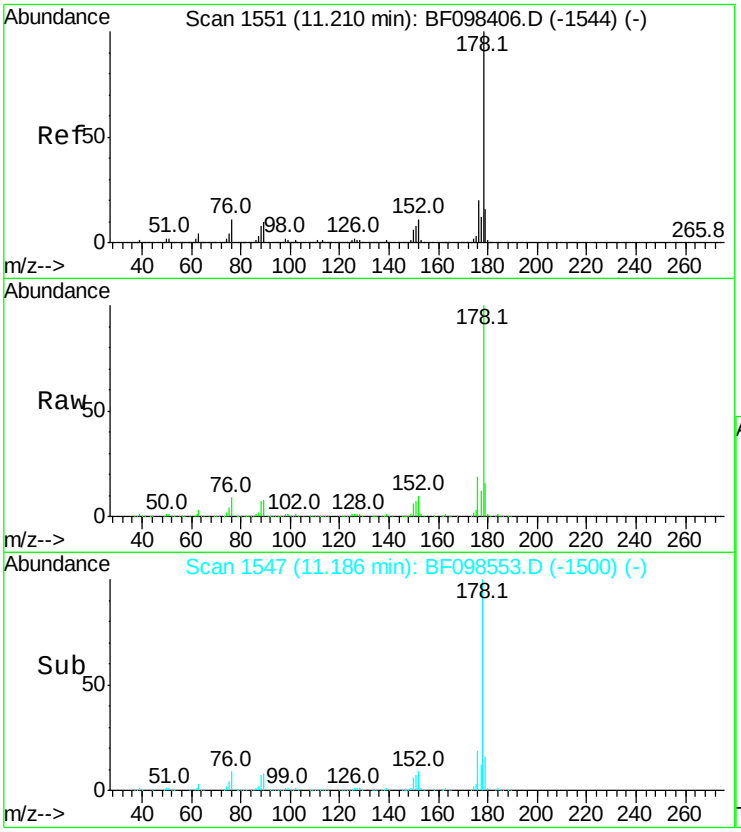


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.02 min
Lab File: BF098553.D
Acq: 15 Sep 2017 3:04

Tgt Ion:188 Resp: 298056

Ion	Ratio	Lower	Upper
188	100		
94	9.6	9.4	14.2
80	10.3	10.2	15.2

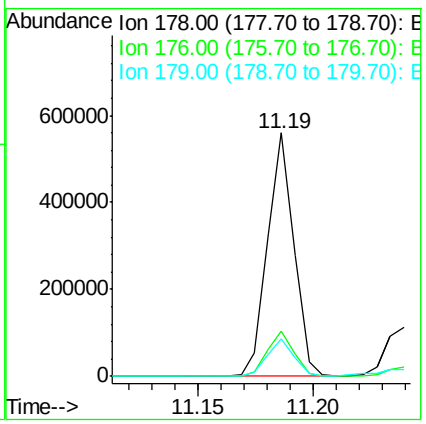




#70
Phenanthrene
Concen: 28.210 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF098553.D
Acq: 15 Sep 2017 3:04

Tgt Ion:178 Resp: 445739

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.2	24.4
179	15.7	12.6	19.0



Instrument :
BNA_F
ClientSampleId :
SU-02-091217

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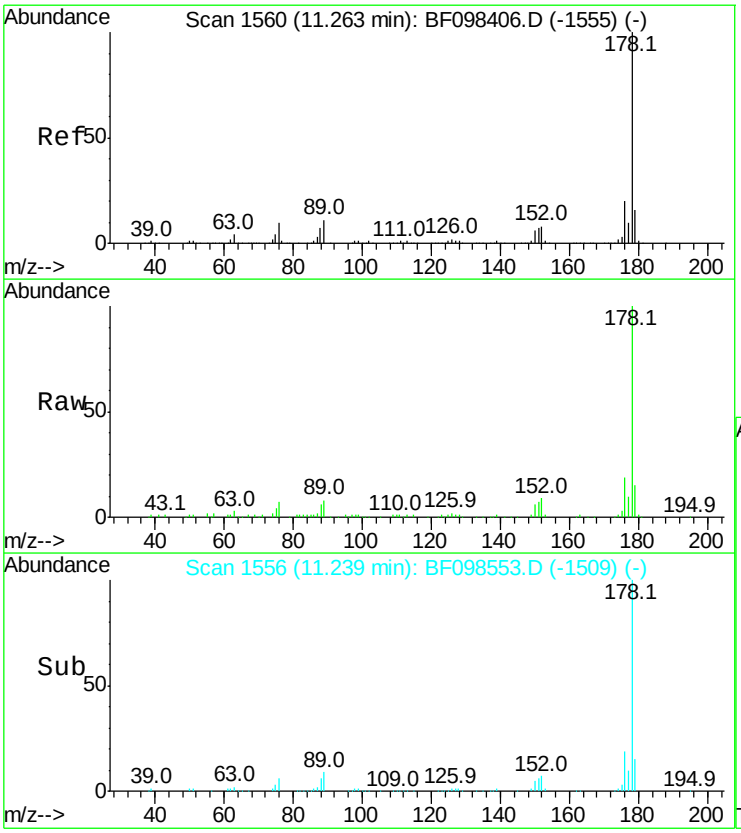
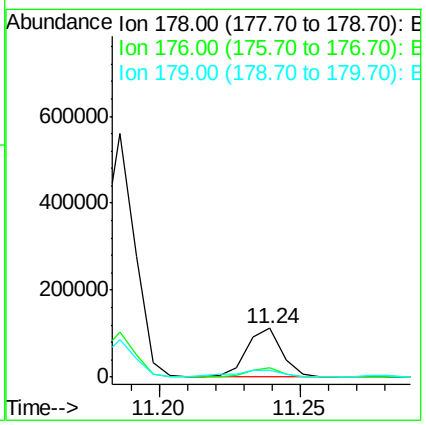
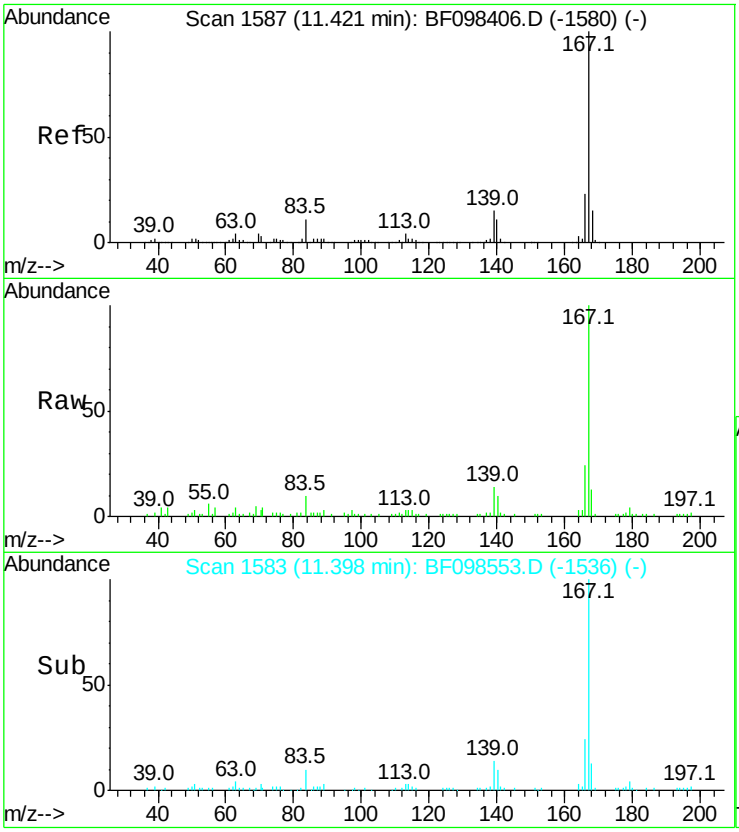


#71
Anthracene
Concen: 5.914 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.02 min
Lab File: BF098553.D
Acq: 15 Sep 2017 3:04

Tgt Ion:178 Resp: 95936

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	14.6	12.7	19.1

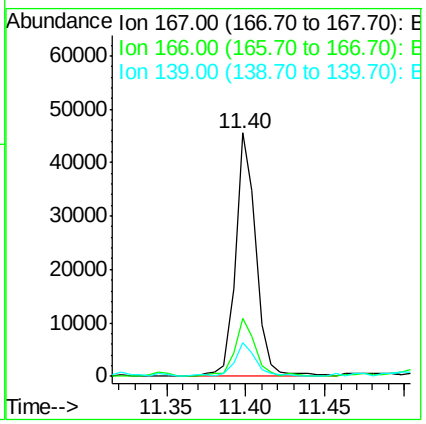




#72
Carbazole
Concen: 2.691 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.02 min
Lab File: BF098553.D
Acq: 15 Sep 2017 3:04

Tgt Ion:167 Resp: 40688

Ion	Ratio	Lower	Upper
167	100		
166	23.6	18.1	27.1
139	13.8	11.7	17.5



Instrument :
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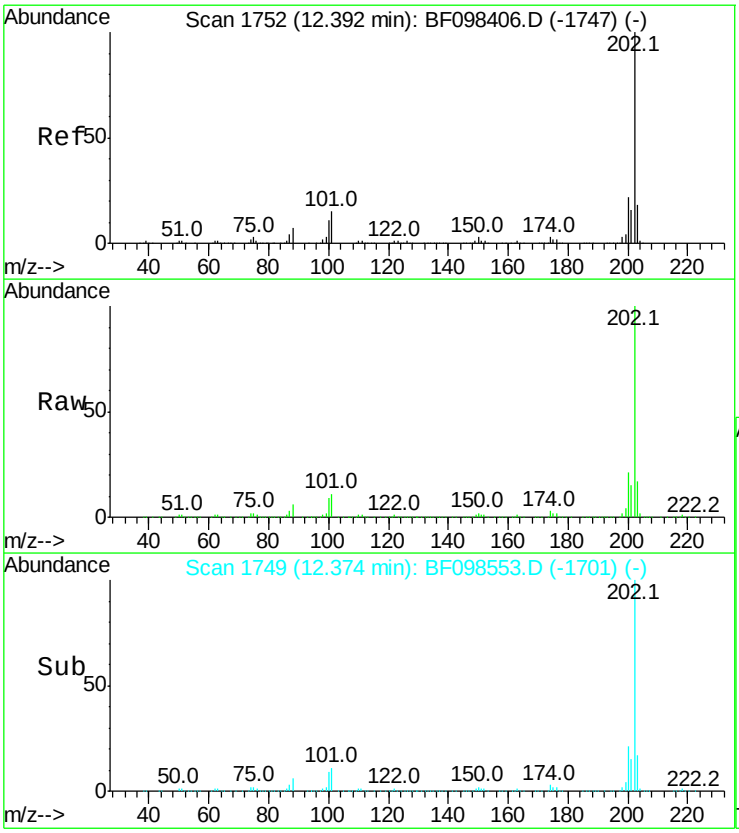
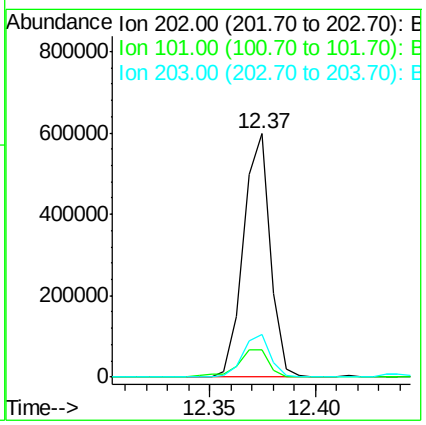
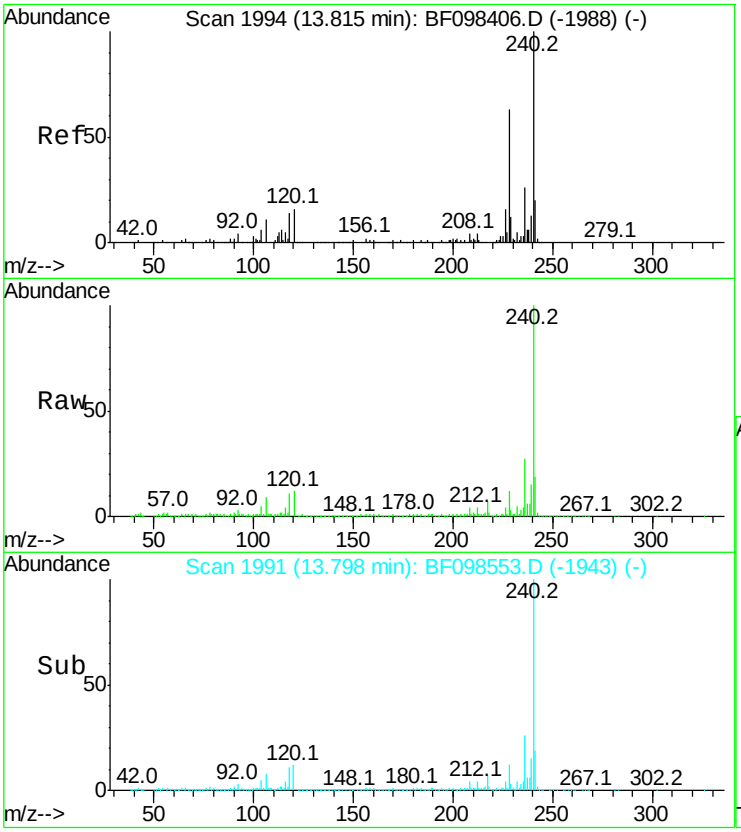


#74
Fluoranthene
Concen: 33.360 ng
RT: 12.37 min Scan# 1749
Delta R.T. -0.02 min
Lab File: BF098553.D
Acq: 15 Sep 2017 3:04

Tgt Ion:202 Resp: 527680

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	33.2
203	17.5	0.0	38.1

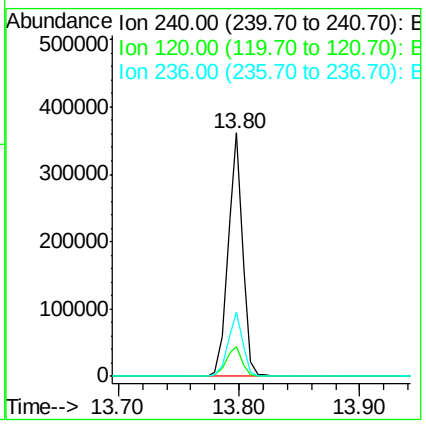




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.02 min
Lab File: BF098553.D
Acq: 15 Sep 2017 3:04

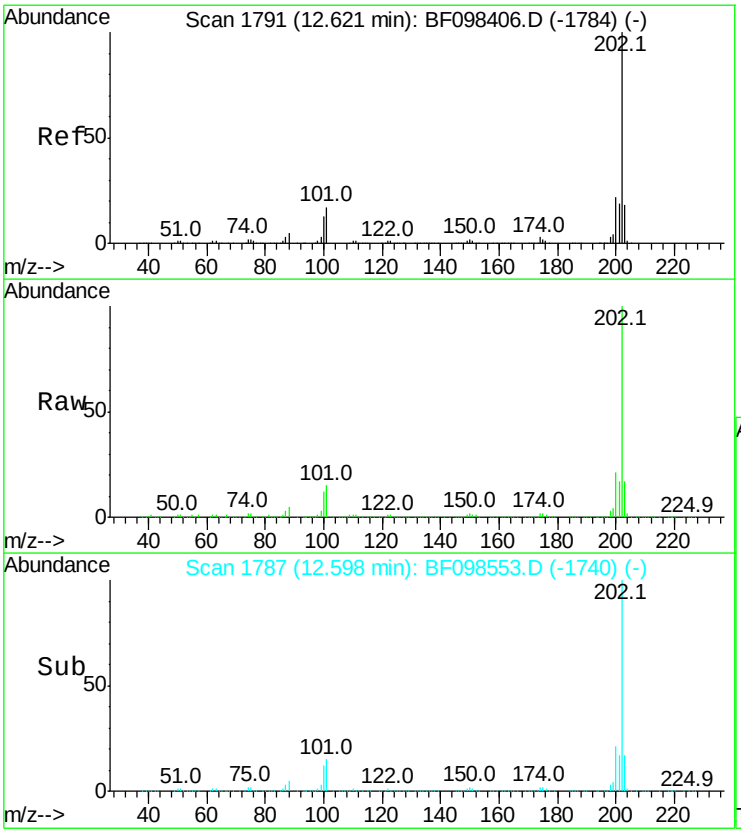
Tgt Ion:240 Resp: 300829

Ion	Ratio	Lower	Upper
240	100		
120	12.2	5.8	8.8#
236	26.6	20.5	30.7



Instrument :
BNA_F
ClientSampleId :
SU-02-091217

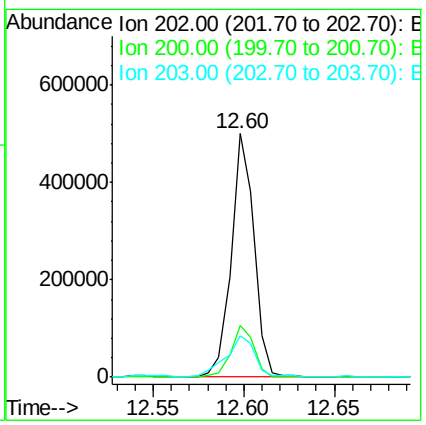
Manual Integrations APPROVED
Sohil
9/15/2017 5:44:33 PM

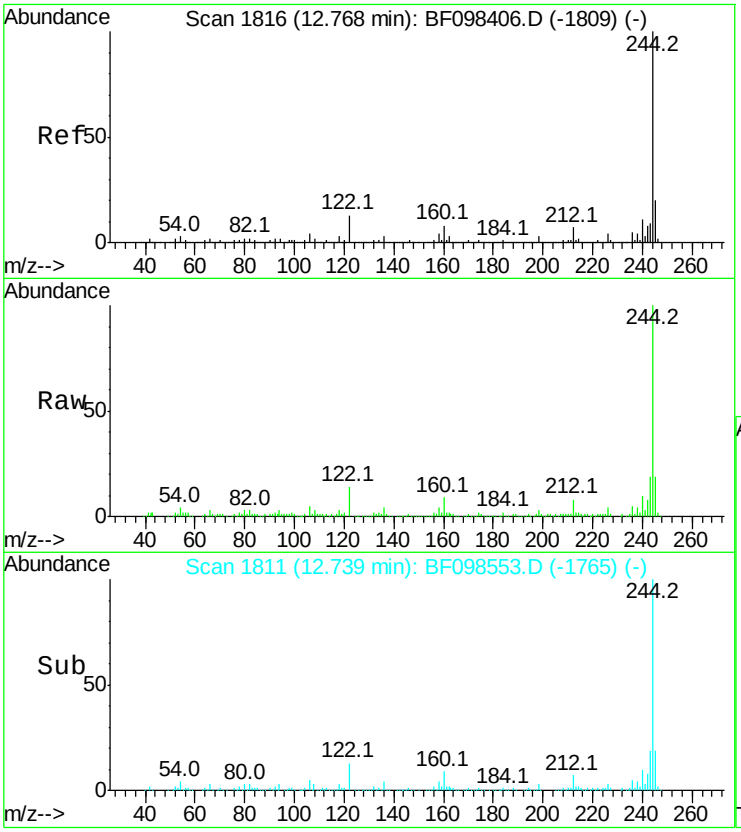


#77
Pyrene
Concen: 18.490 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.02 min
Lab File: BF098553.D
Acq: 15 Sep 2017 3:04

Tgt Ion:202 Resp: 438797

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	17.0	14.4	21.6

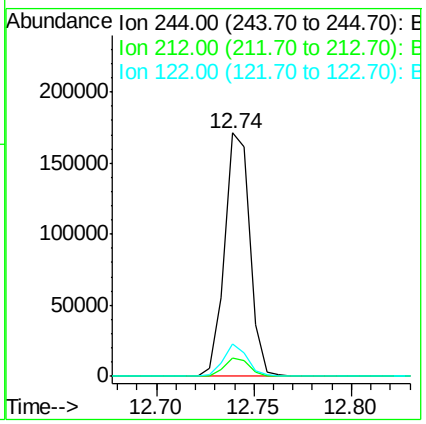




#78
Terphenyl-d14
Concen: 11.023 ng
RT: 12.74 min Scan# 1811
Delta R.T. -0.03 min
Lab File: BF098553.D
Acq: 15 Sep 2017 3:04

Tgt Ion:244 Resp: 153623

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	13.5	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
SU-02-091217

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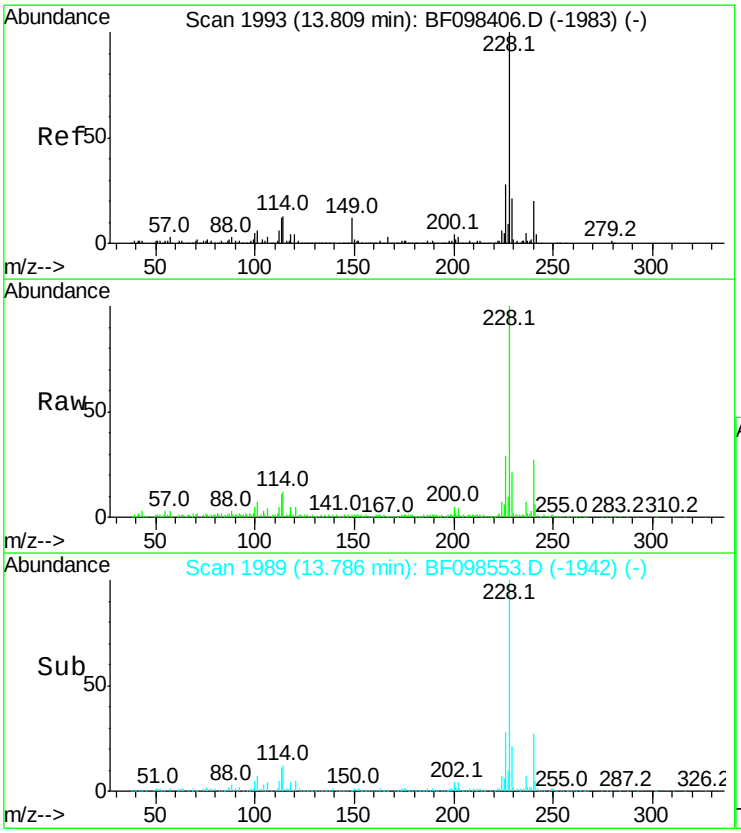
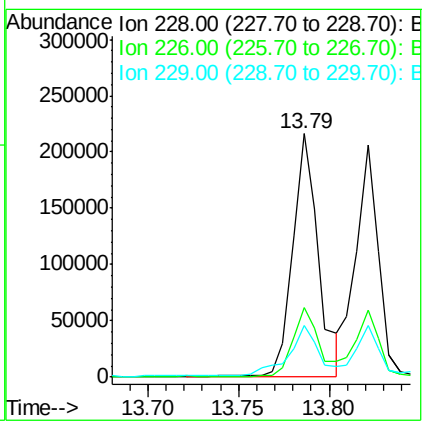
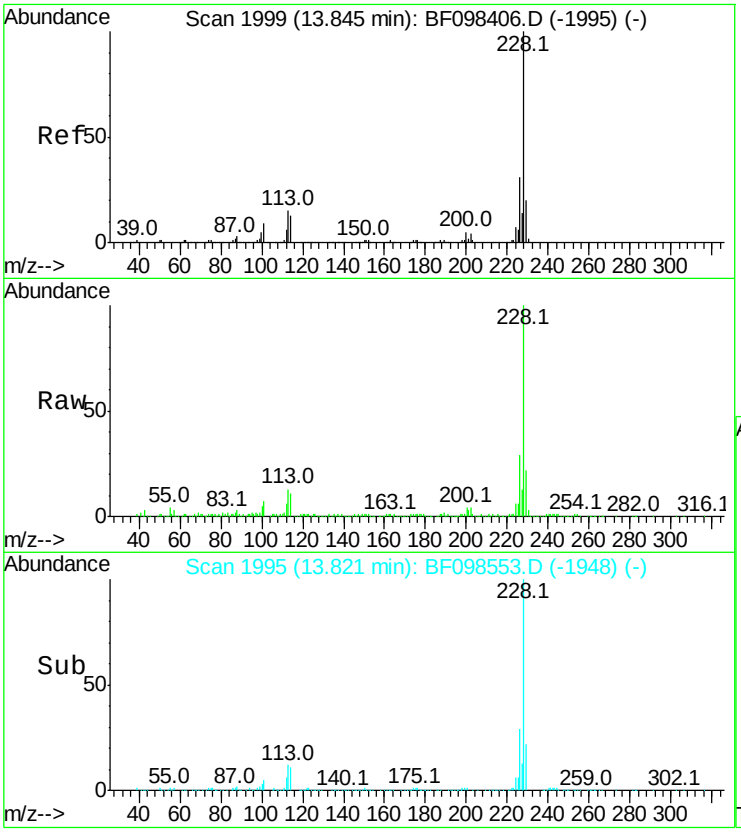


#80
Benzo(a)anthracene
Concen: 12.207 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BF098553.D
Acq: 15 Sep 2017 3:04

Tgt Ion:228 Resp: 215291

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	21.0	16.3	24.5

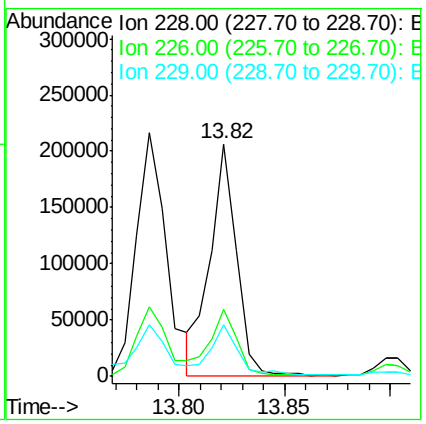




#82
Chrysene
Concen: 10.088 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF098553.D
Acq: 15 Sep 2017 3:04

Tgt Ion:228 Resp: 179858

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.9	37.3
229	22.4	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
SU-02-091217

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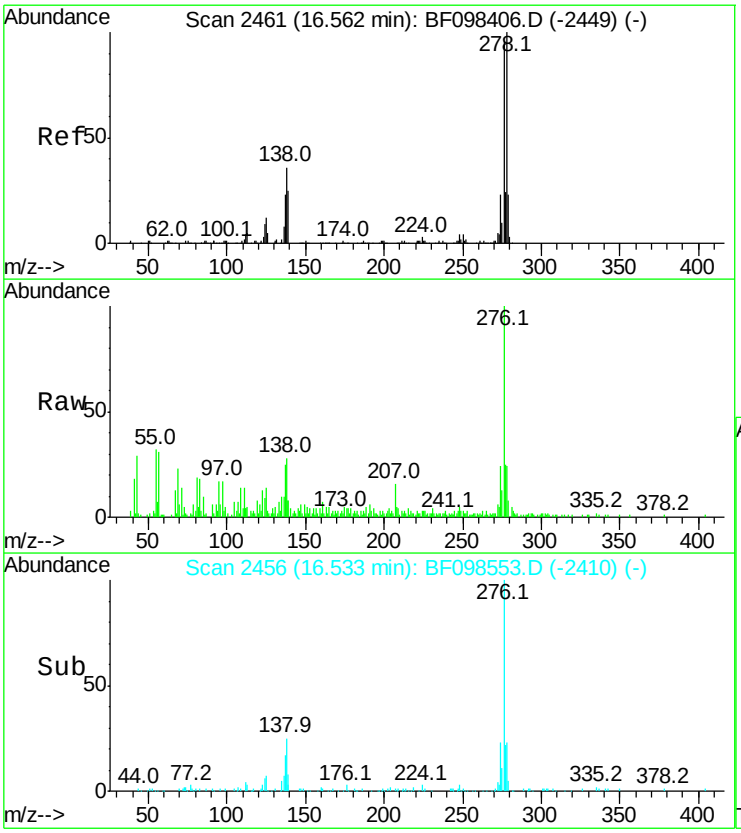
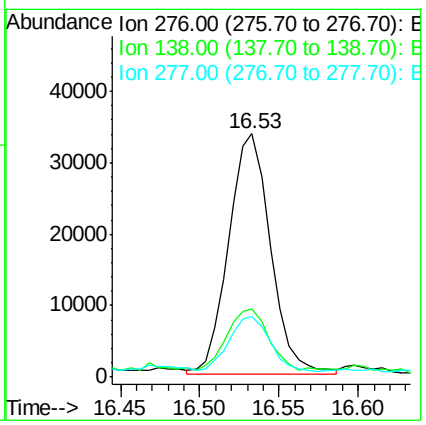
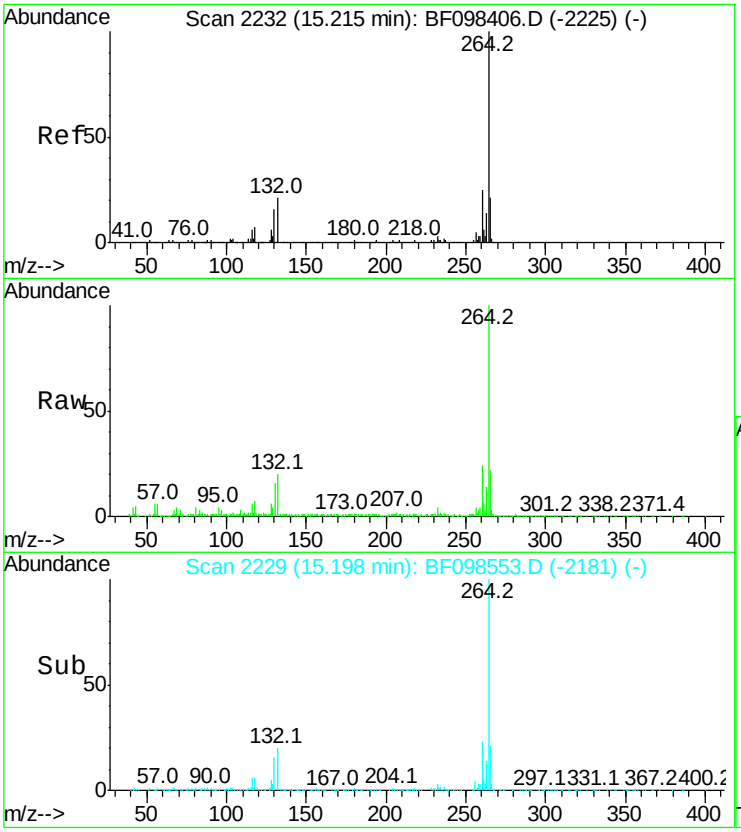


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.933 ng
RT: 16.53 min Scan# 2456
Delta R.T. -0.03 min
Lab File: BF098553.D
Acq: 15 Sep 2017 3:04

Tgt Ion:276 Resp: 61708

Ion	Ratio	Lower	Upper
276	100		
138	26.2	27.8	41.6#
277	22.7	20.2	30.4

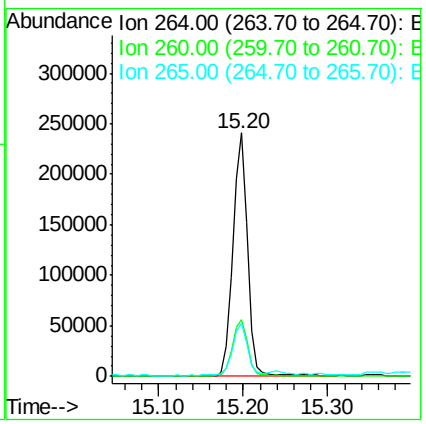




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BF098553.D
Acq: 15 Sep 2017 3:04

Tgt Ion:264 Resp: 280388

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.7	17.2	25.8



Instrument :
BNA_F
ClientSampleId :
SU-02-091217

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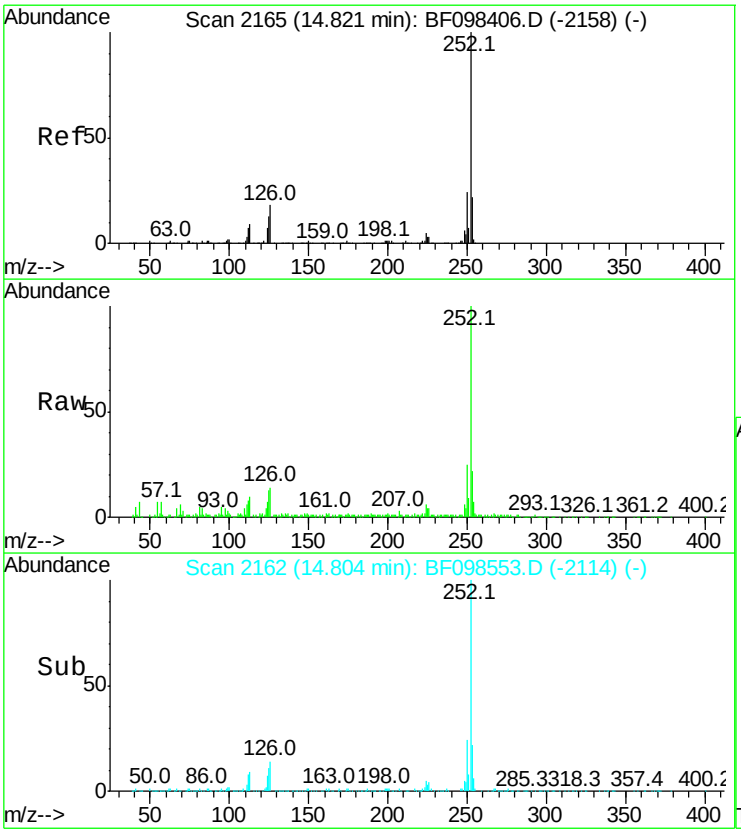
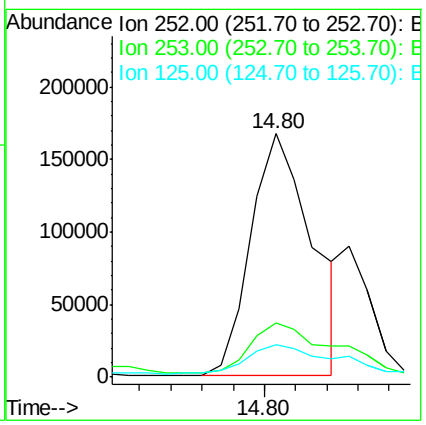
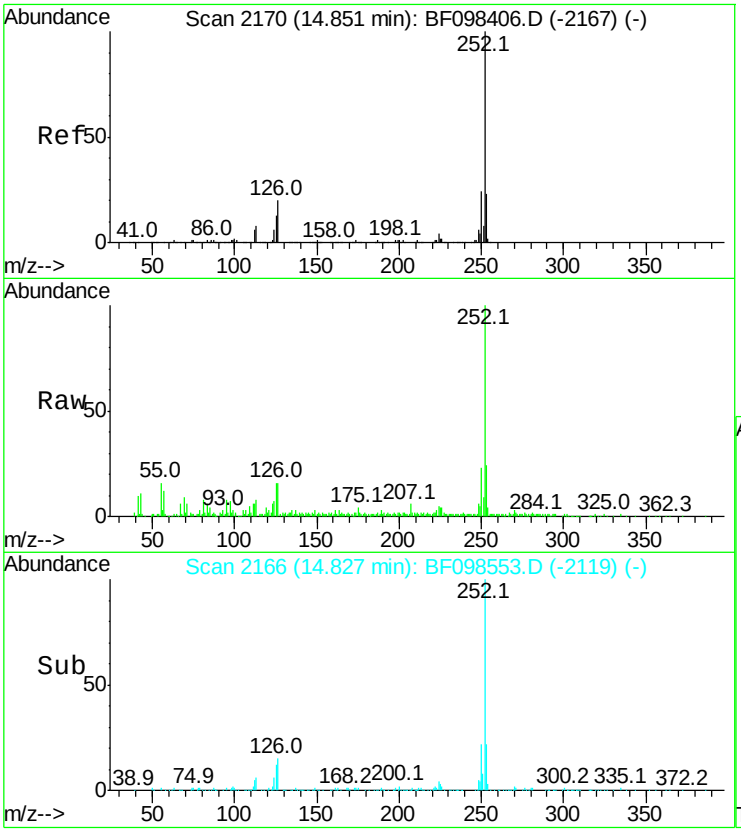


#87
Benzo(b)fluoranthene
Concen: 12.952 ng m
RT: 14.80 min Scan# 2162
Delta R.T. -0.02 min
Lab File: BF098553.D
Acq: 15 Sep 2017 3:04

Tgt Ion:252 Resp: 228342

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	13.2	9.8	14.8

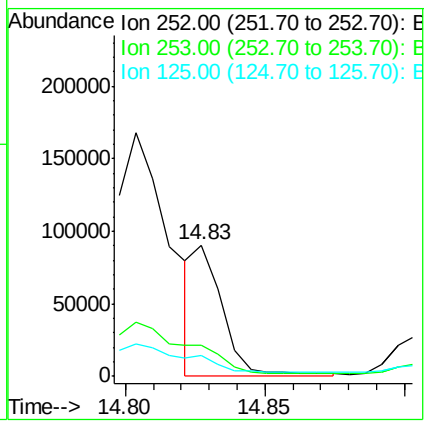




#88
Benzo(k)fluoranthene
Concen: 3.881 ng m
RT: 14.83 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BF098553.D
Acq: 15 Sep 2017 3:04

Tgt Ion:252 Resp: 63872

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.4	27.6
125	15.5	13.1	19.7



Instrument :
BNA_F
ClientSampleId :
SU-02-091217

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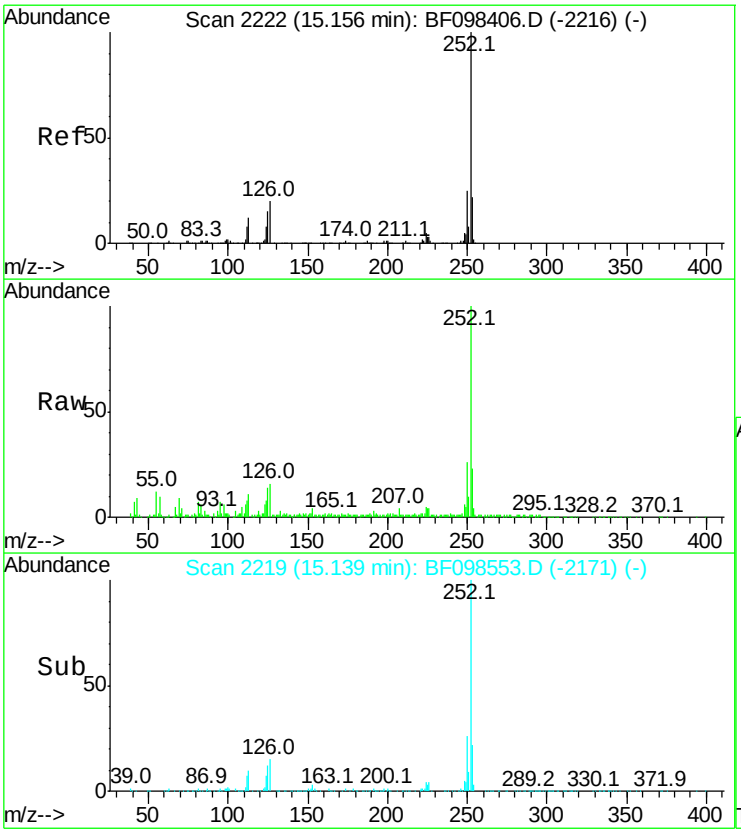
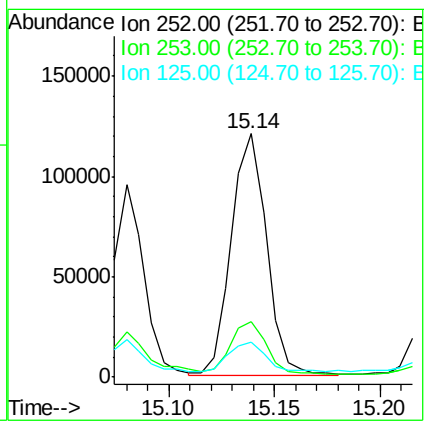
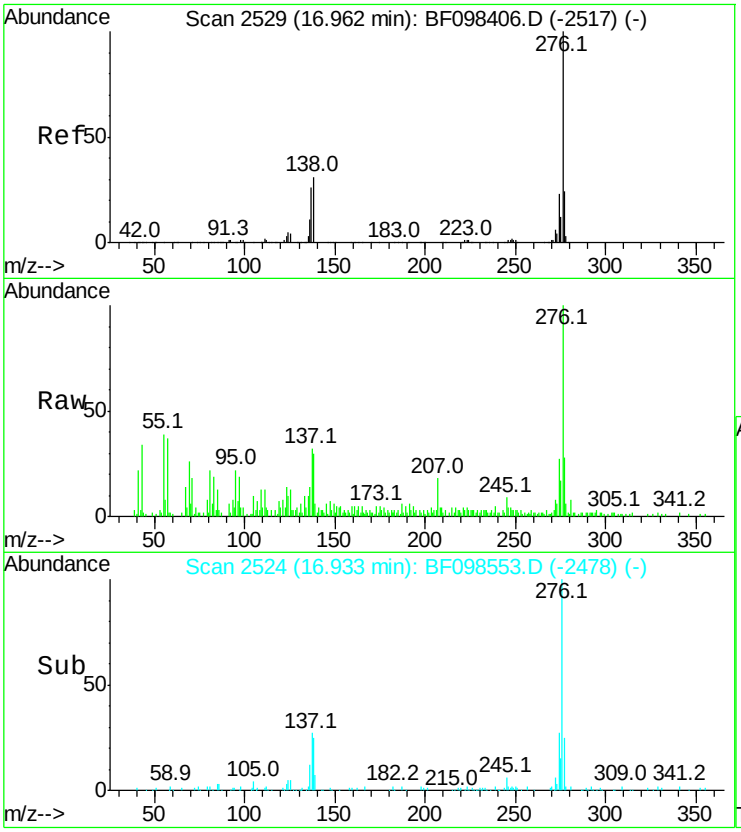


#89
Benzo(a)pyrene
Concen: 8.854 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.02 min
Lab File: BF098553.D
Acq: 15 Sep 2017 3:04

Tgt Ion:252 Resp: 139068

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	14.5	11.0	16.4

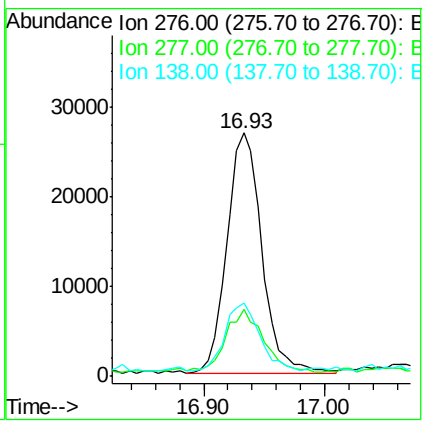




#91
Benzo(g,h,i)perylene
Concen: 4.669 ng
RT: 16.93 min Scan# 2524
Delta R.T. -0.03 min
Lab File: BF098553.D
Acq: 15 Sep 2017 3:04

Tgt Ion:276 Resp: 53650

Ion	Ratio	Lower	Upper
276	100		
277	27.7	18.6	28.0
138	30.3	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
SU-02-091217

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