Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
Data File : BF098562.D
Acq On : 15 Sep 2017 11:51
Operator : SJ/JU
Sample : I5161-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RL-8-0-13

Manual Integrations APPROVED
Sohil
9/18/2017 3:33:25 PM

Quant Time: Sep 15 13:41:06 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 15 13:23:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	139828	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	578896	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	263770	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	442761	20.00	ng	0.00
75) Chrysene-d12	13.80	240	283001	20.00	ng	0.00
86) Perylene-d12	15.20	264	303095	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1081450	114.35	ng	0.01
7) Phenol-d6	6.30	99	1373094	114.35	ng	0.00
23) Nitrobenzene-d5	7.22	82	820968	79.06	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	228521	129.81	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1112881	71.51	ng	0.00
78) Terphenyl-d14	12.75	244	774387	59.06	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.32	94	43057	3.087	ng	# 76
49) Dimethylphthalate	9.40	163	237844	11.649	ng	98
70) Phenanthrene	11.19	178	374969	15.975	ng	98
71) Anthracene	11.24	178	89857	3.729	ng	94
74) Fluoranthene	12.37	202	563478	23.981	ng	97
77) Pyrene	12.60	202	465724	20.861	ng	100
80) Benzo(a)anthracene	13.79	228	226747	13.666	ng	98
82) Chrysene	13.83	228	222015	13.238	ng	98
83) Bis(2-ethylhexyl)phthalate	13.78	149	32061	2.638	ng	# 97
85) Indeno(1,2,3-cd)pyrene	16.54	276	112082	9.525	ng	# 91
87) Benzo(b)fluoranthene	14.81	252	291630m	15.302	ng	
88) Benzo(k)fluoranthene	14.83	252	72880m	4.096	ng	
89) Benzo(a)pyrene	15.14	252	200541	11.811	ng	99
90) Dibenzo(a,h)anthracene	16.54	278	28806	2.332	ng	# 71
91) Benzo(g,h,i)perylene	16.94	276	100474	8.088	ng	92

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

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Manual Integrations APPROVED
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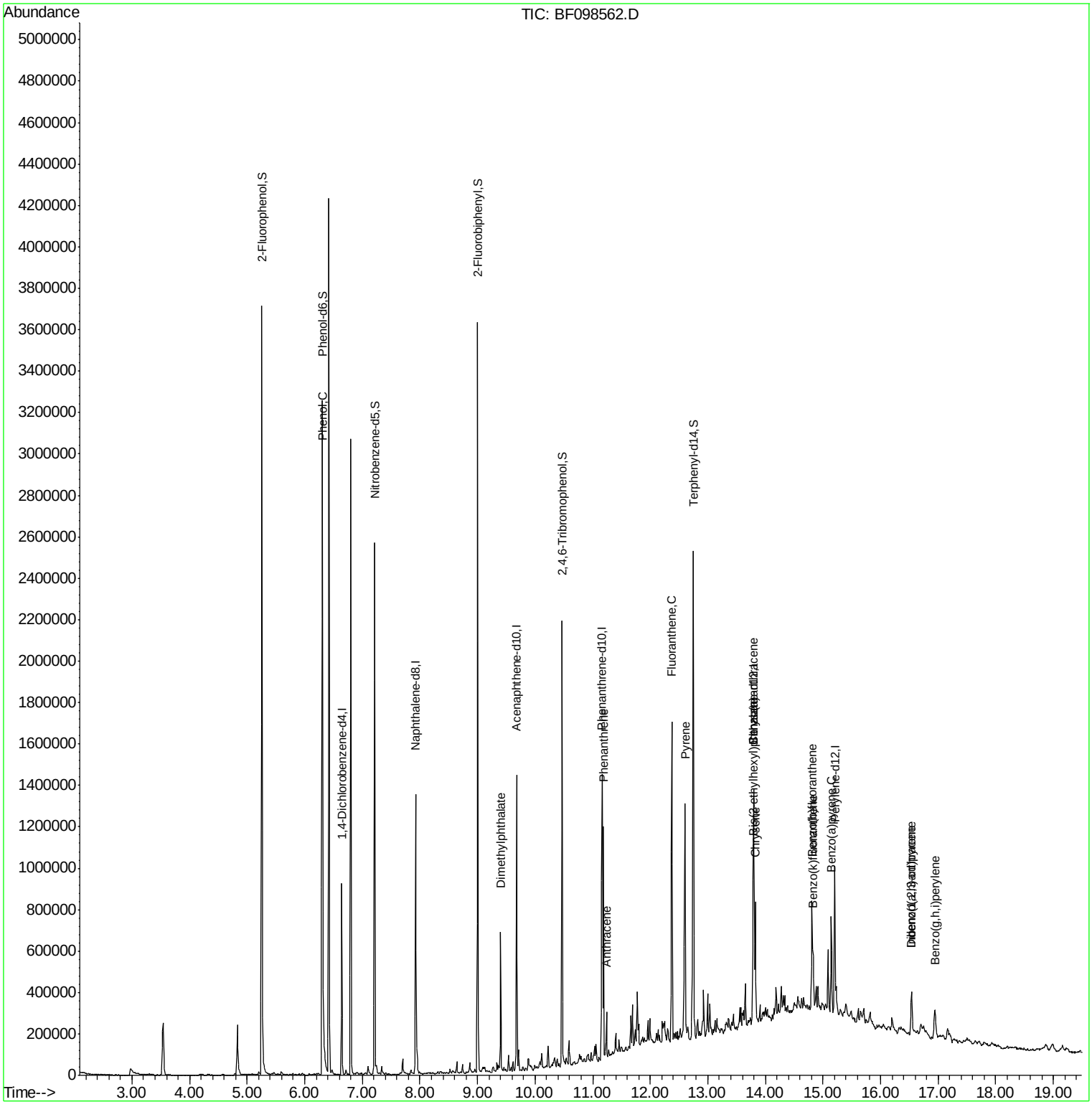
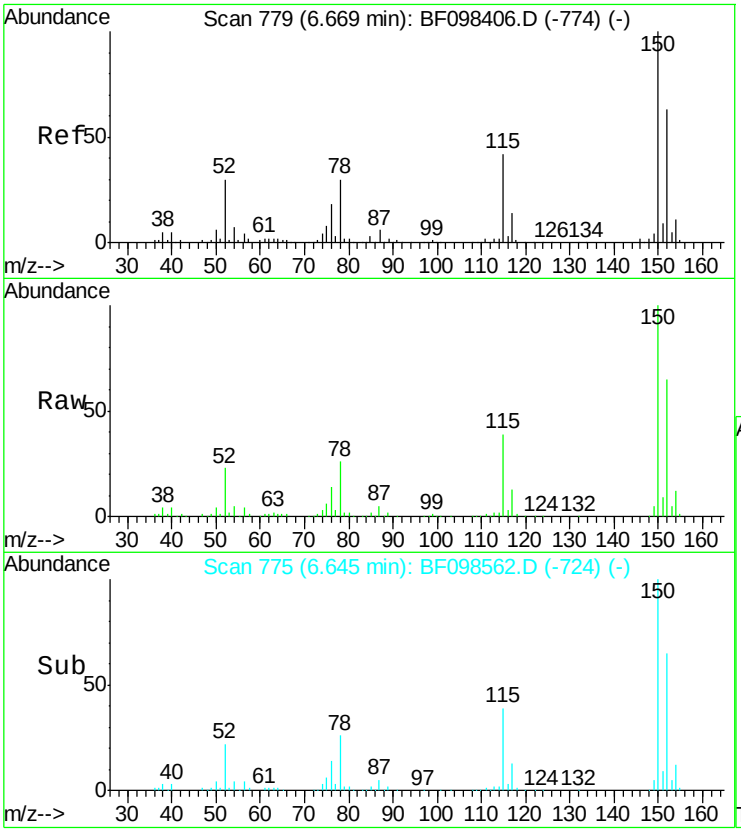
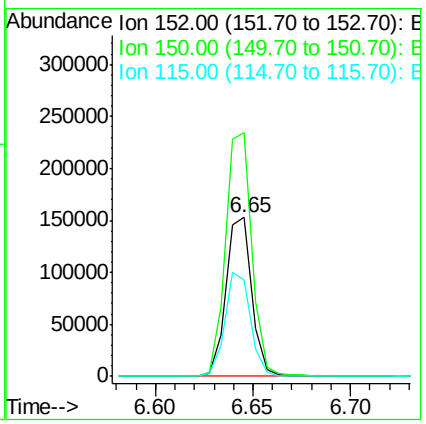




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF098562.D
Acq: 15 Sep 2017 11:51

Tgt Ion:152 Resp: 139828

Ion	Ratio	Lower	Upper
152	100		
150	153.1	126.2	189.2
115	60.4	52.2	78.2



Instrument :
BNA_F
ClientSampleId :
RL-8-0-13

Manual Integrations APPROVED
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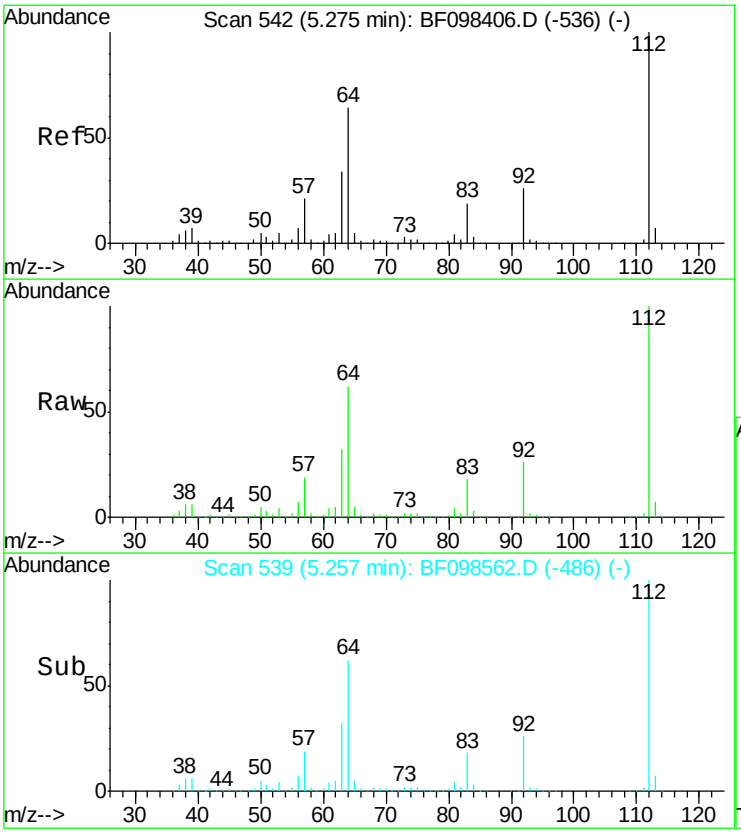
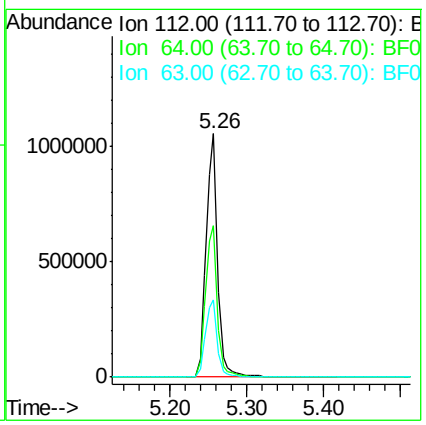
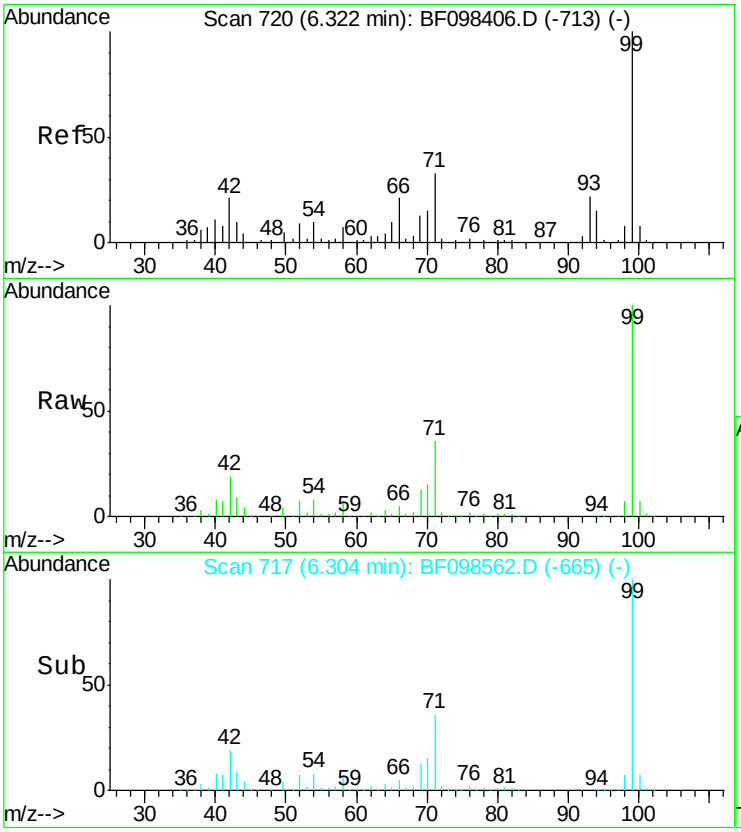


#5
2-Fluorophenol
Concen: 114.351 ng
RT: 5.26 min Scan# 539
Delta R.T. 0.01 min
Lab File: BF098562.D
Acq: 15 Sep 2017 11:51

Tgt Ion:112 Resp: 1081450

Ion	Ratio	Lower	Upper
112	100		
64	62.1	46.0	69.0
63	31.8	23.4	35.0

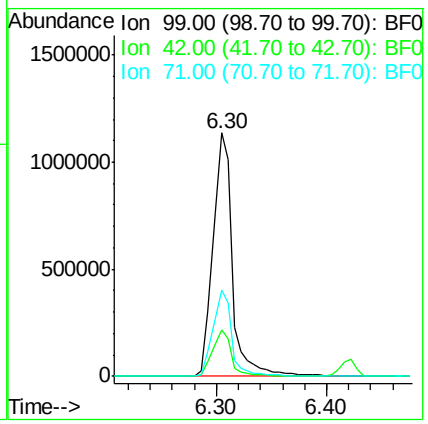




#7
Phenol-d6
Concen: 114.352 ng
RT: 6.30 min Scan# 717
Delta R.T. 0.01 min
Lab File: BF098562.D
Acq: 15 Sep 2017 11:51

Tgt Ion: 99 Resp: 1373094

Ion	Ratio	Lower	Upper
99	100		
42	18.9	13.5	20.3
71	35.6	24.5	36.7



Instrument :
BNA_F
ClientSampleId :
RL-8-0-13

Manual Integrations APPROVED
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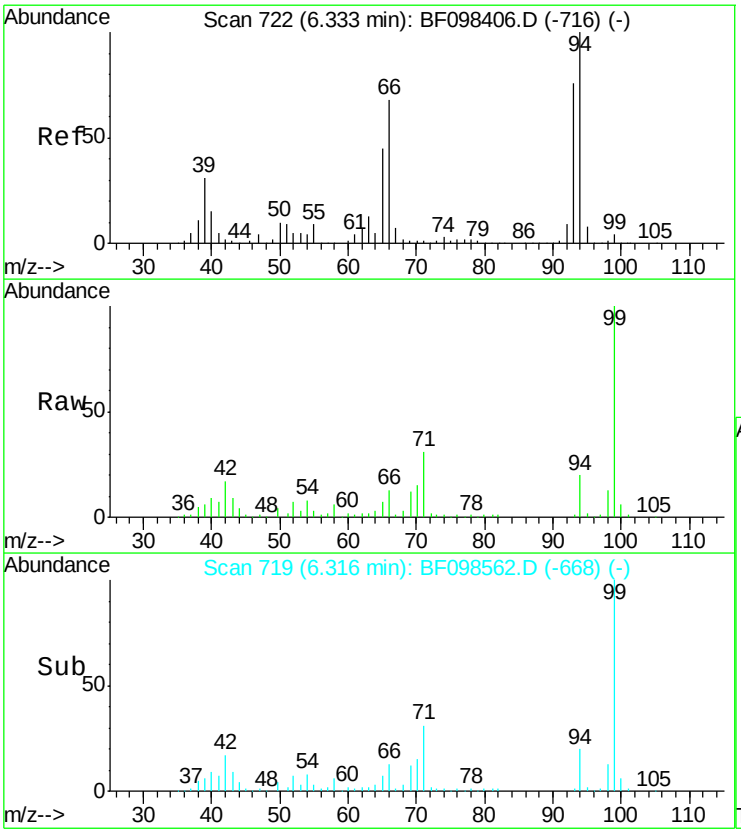
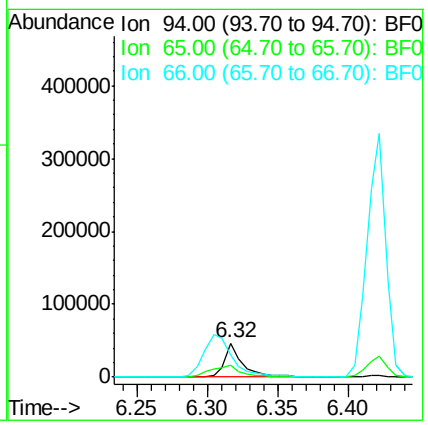
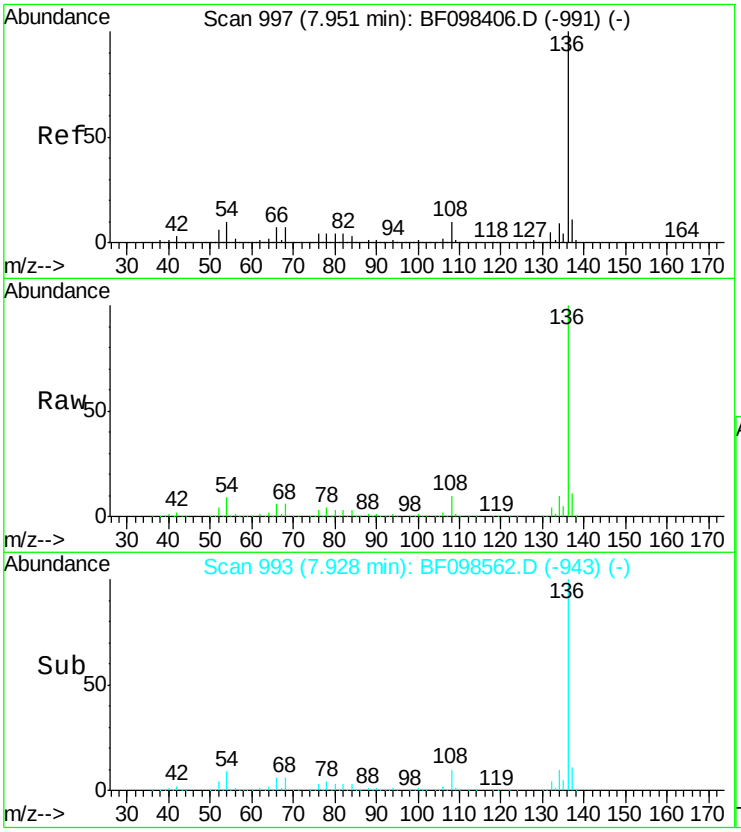


#10
Phenol
Concen: 3.087 ng
RT: 6.32 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF098562.D
Acq: 15 Sep 2017 11:51

Tgt Ion: 94 Resp: 43057

Ion	Ratio	Lower	Upper
94	100		
65	34.1	9.9	49.9
66	65.6	23.1	63.1#

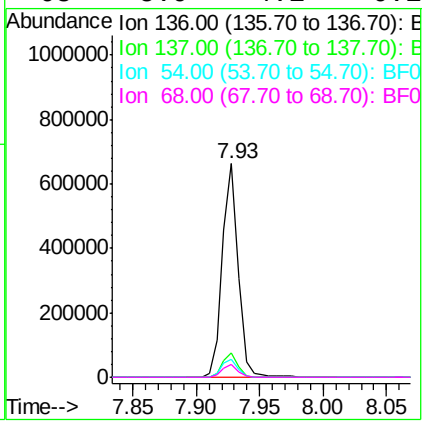




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF098562.D
Acq: 15 Sep 2017 11:51

Tgt Ion:136 Resp: 578896

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	8.6	4.9	7.3#
68	5.9	4.1	6.1



Instrument :
BNA_F
ClientSampleId :
RL-8-0-13

Manual Integrations APPROVED
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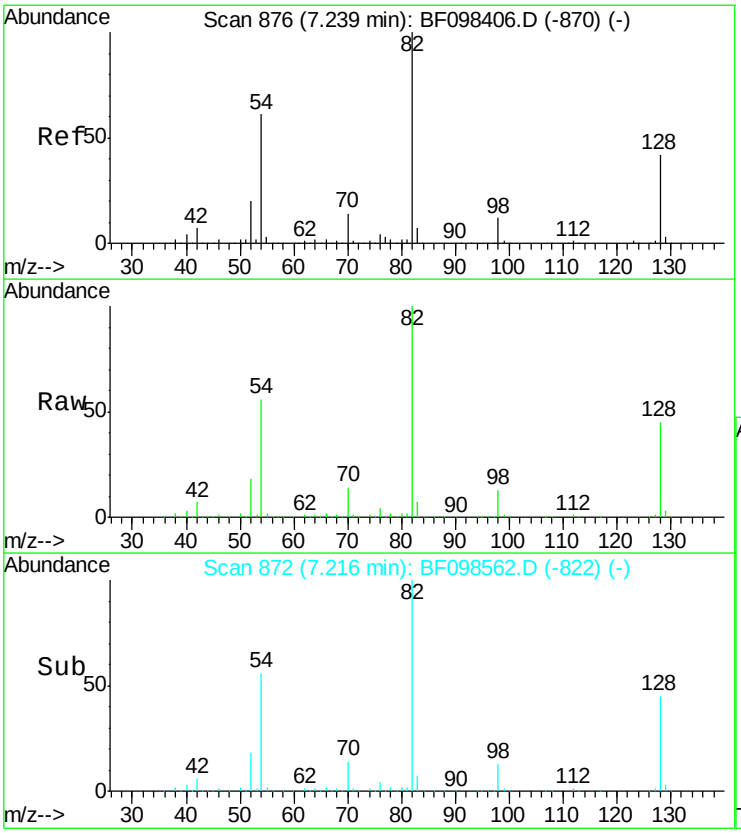
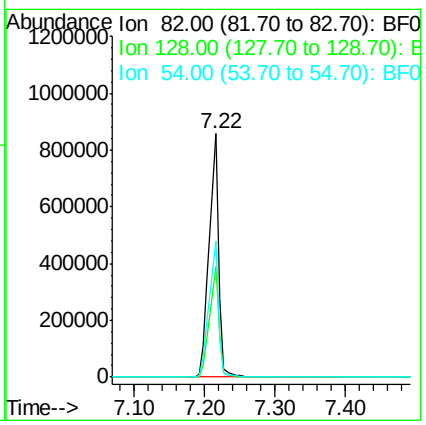
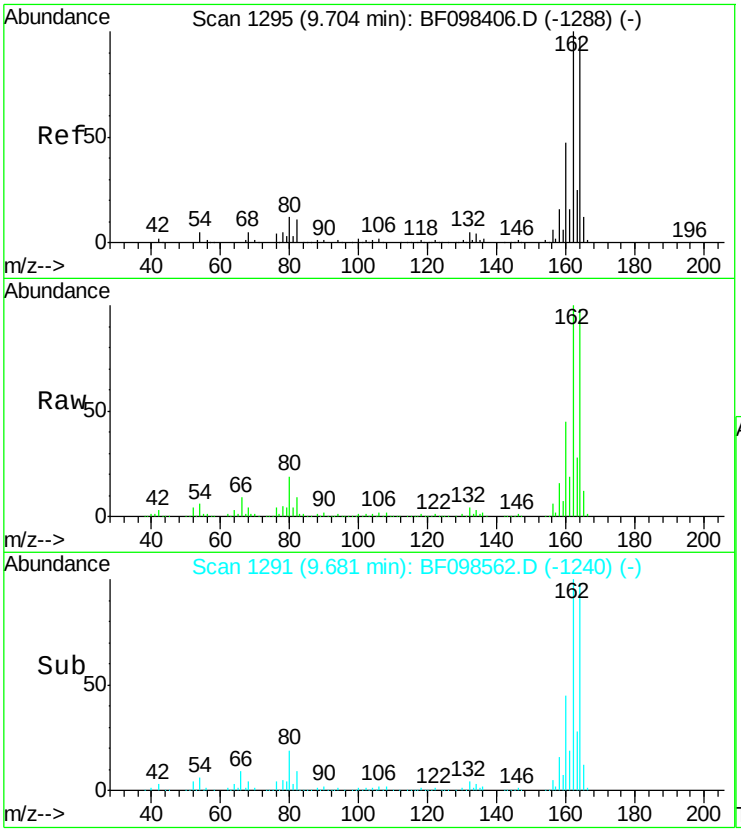


#23
Nitrobenzene-d5
Concen: 79.062 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF098562.D
Acq: 15 Sep 2017 11:51

Tgt Ion: 82 Resp: 820968

Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.0	51.0
54	55.7	42.2	63.2

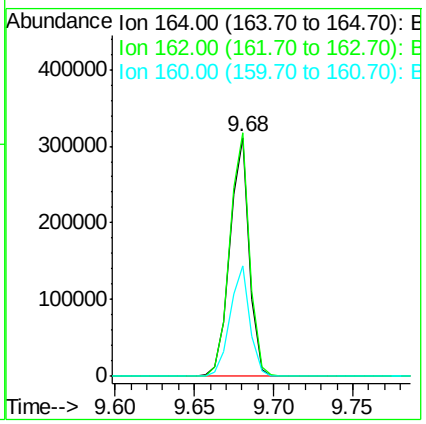




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF098562.D
Acq: 15 Sep 2017 11:51

Tgt Ion:164 Resp: 263770

Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.6	123.8
160	46.0	36.2	54.2



Instrument :
BNA_F
ClientSampleId :
RL-8-0-13

Manual Integrations APPROVED
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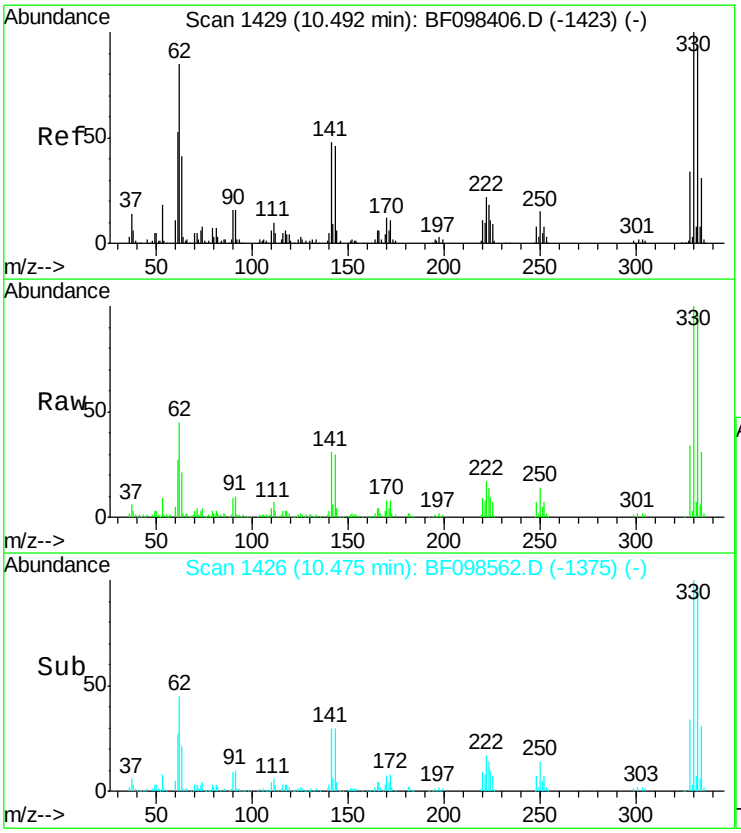
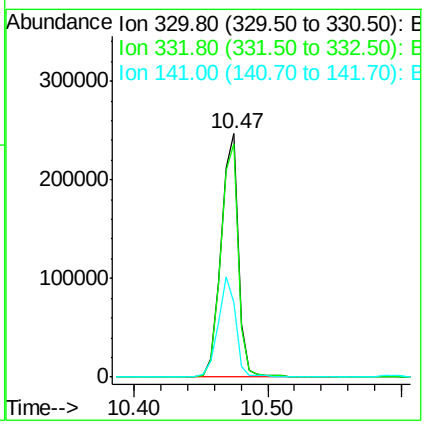
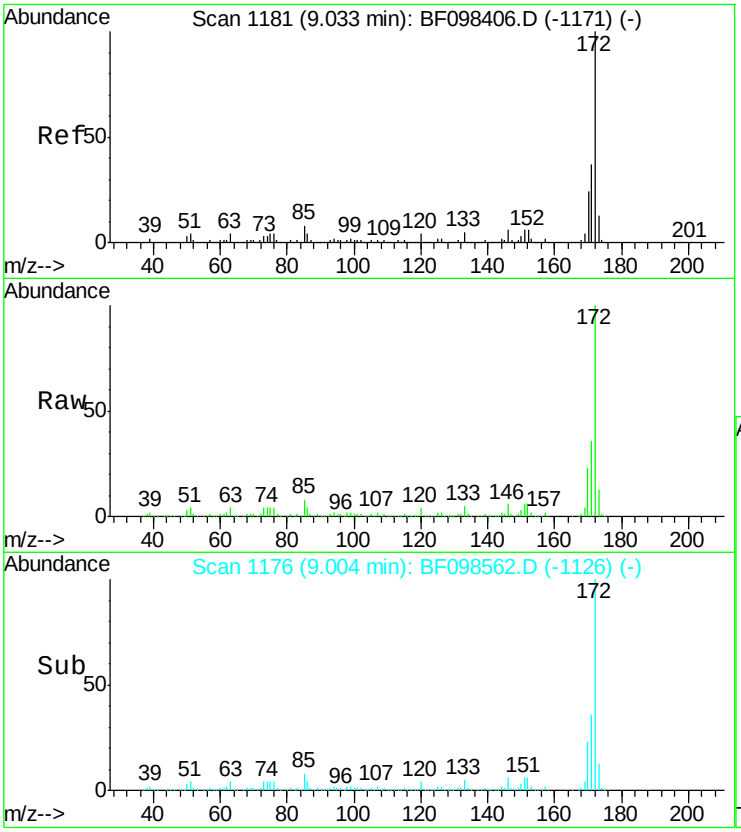


#41
2,4,6-Tribromophenol
Concen: 129.808 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF098562.D
Acq: 15 Sep 2017 11:51

Tgt Ion:330 Resp: 228521

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	115.0
141	41.0	31.4	47.2

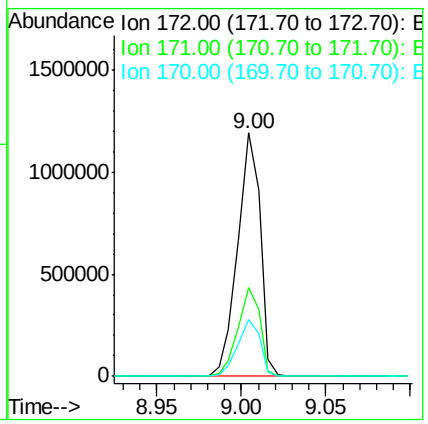




#44
2-Fluorobiphenyl
Concen: 71.511 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF098562.D
Acq: 15 Sep 2017 11:51

Tgt Ion:172 Resp: 1112881

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.4	19.8	29.8



Instrument :
BNA_F
ClientSampleId :
RL-8-0-13

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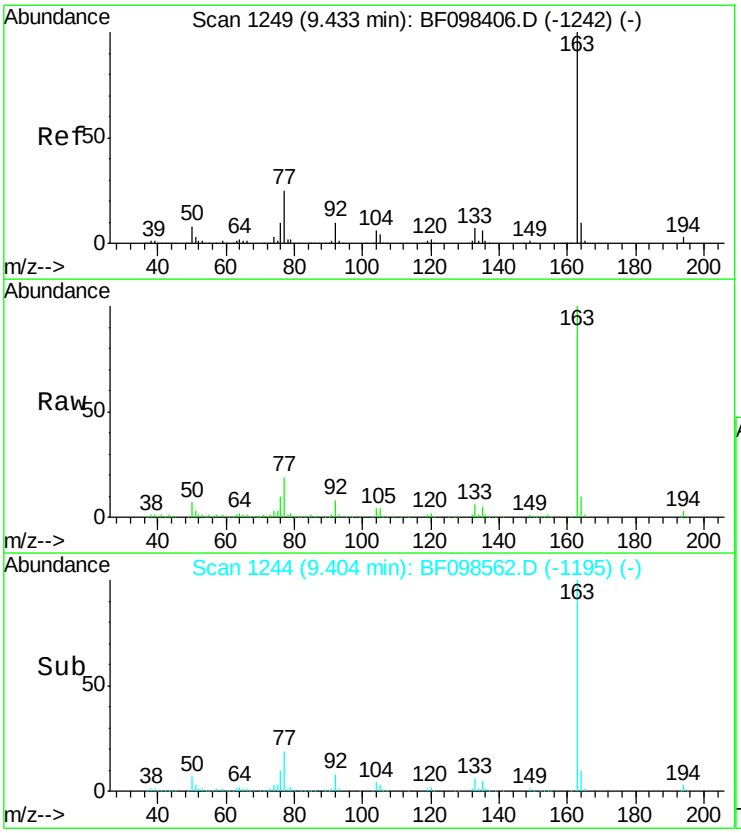
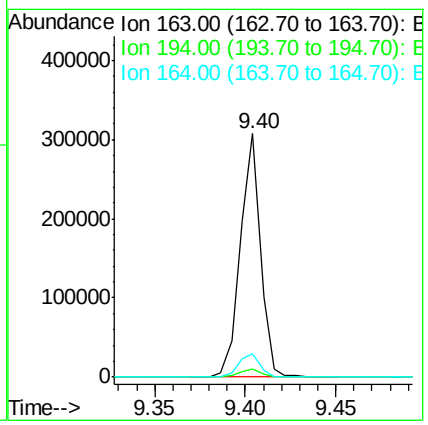
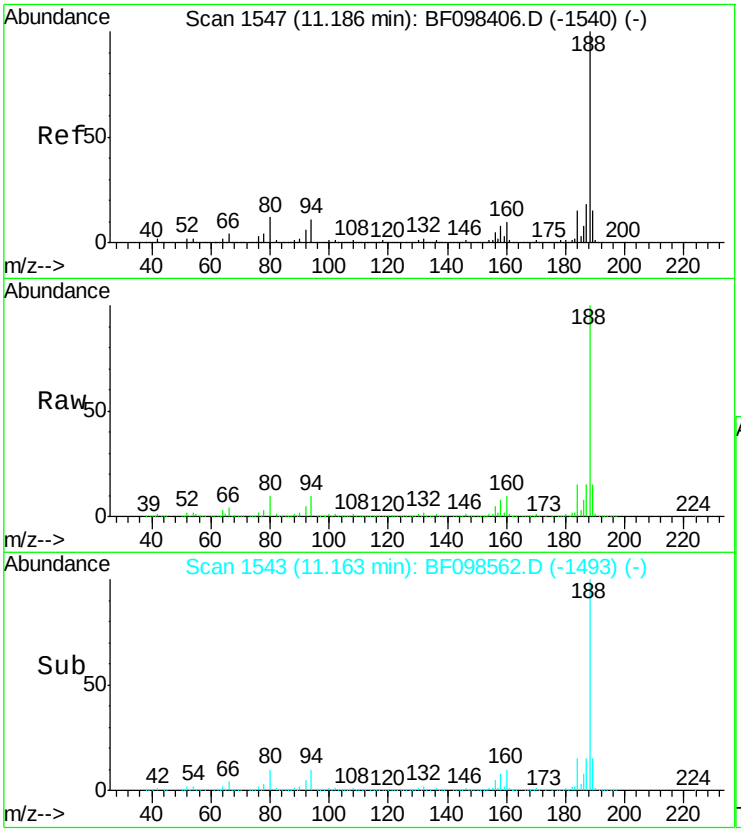


#49
Dimethylphthalate
Concen: 11.649 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BF098562.D
Acq: 15 Sep 2017 11:51

Tgt Ion:163 Resp: 237844

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.7	8.4	12.6

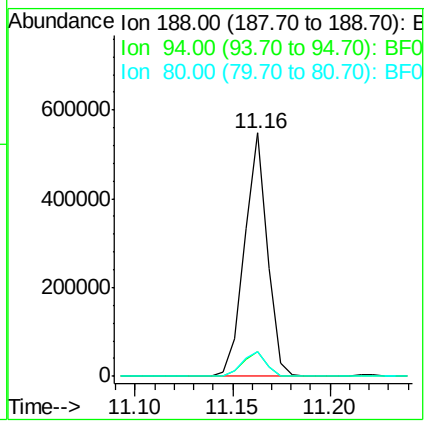




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF098562.D
Acq: 15 Sep 2017 11:51

Tgt Ion:188 Resp: 442761

Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.4	14.2
80	10.2	10.2	15.2



Instrument :
BNA_F
ClientSampleId :
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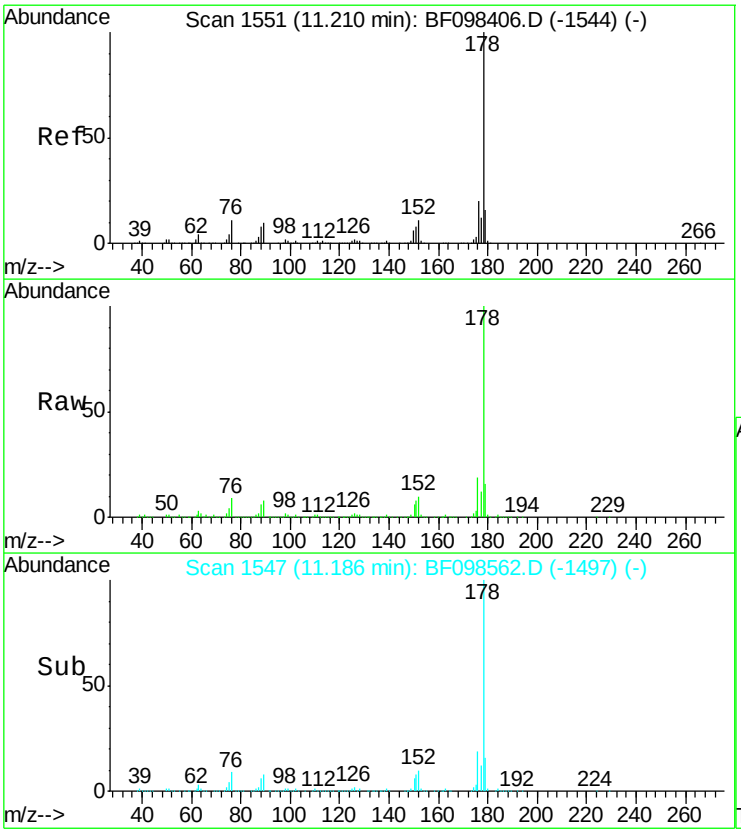
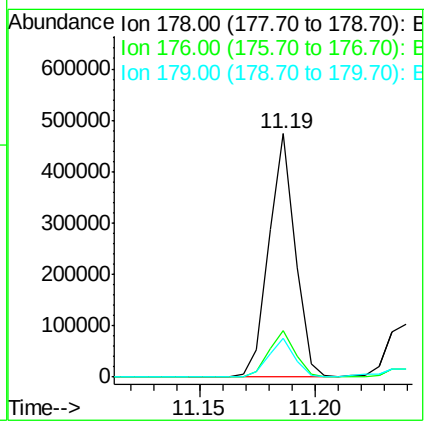
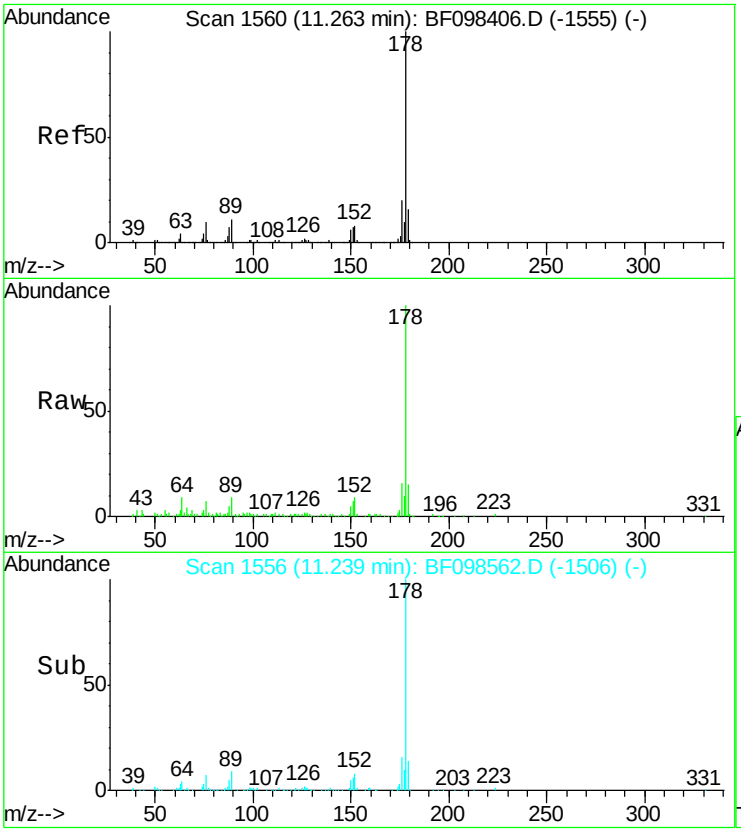


#70
Phenanthrene
Concen: 15.975 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BF098562.D
Acq: 15 Sep 2017 11:51

Tgt Ion:178 Resp: 374969

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.2	24.4
179	15.8	12.6	19.0

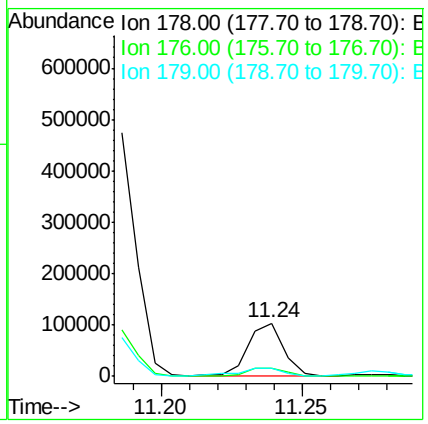




#71
Anthracene
Concen: 3.729 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF098562.D
Acq: 15 Sep 2017 11:51

Tgt Ion:178 Resp: 89857

Ion	Ratio	Lower	Upper
178	100		
176	16.3	15.8	23.8
179	14.5	12.7	19.1



Instrument :
BNA_F
ClientSampleId :
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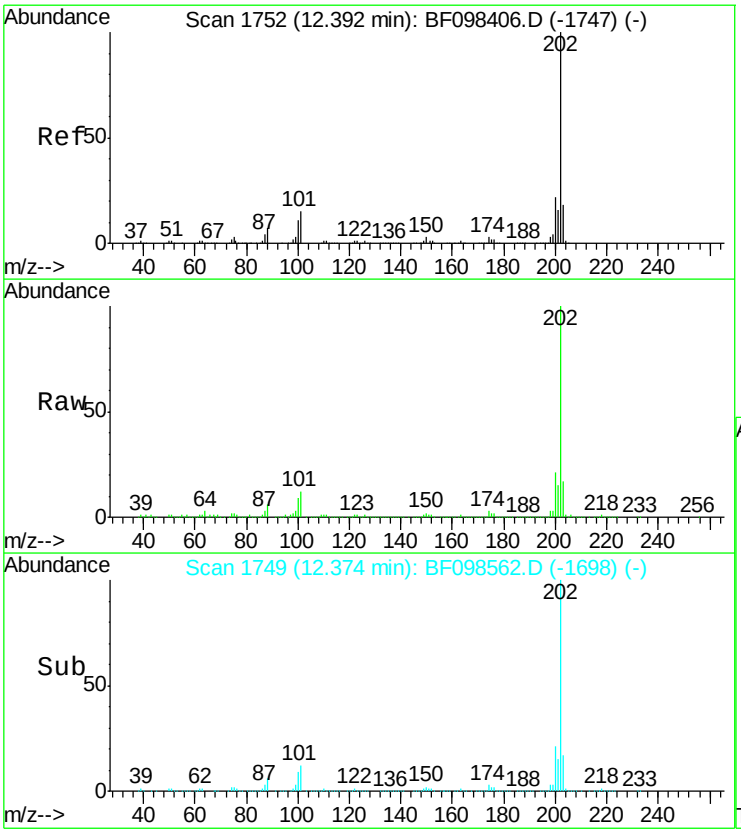
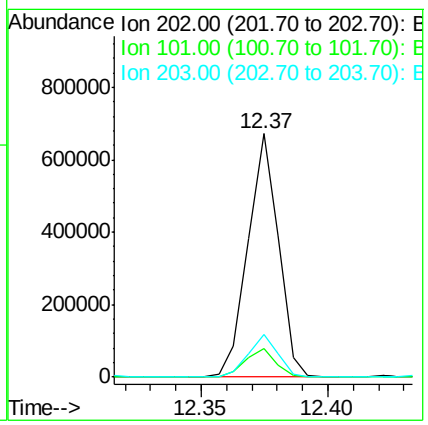
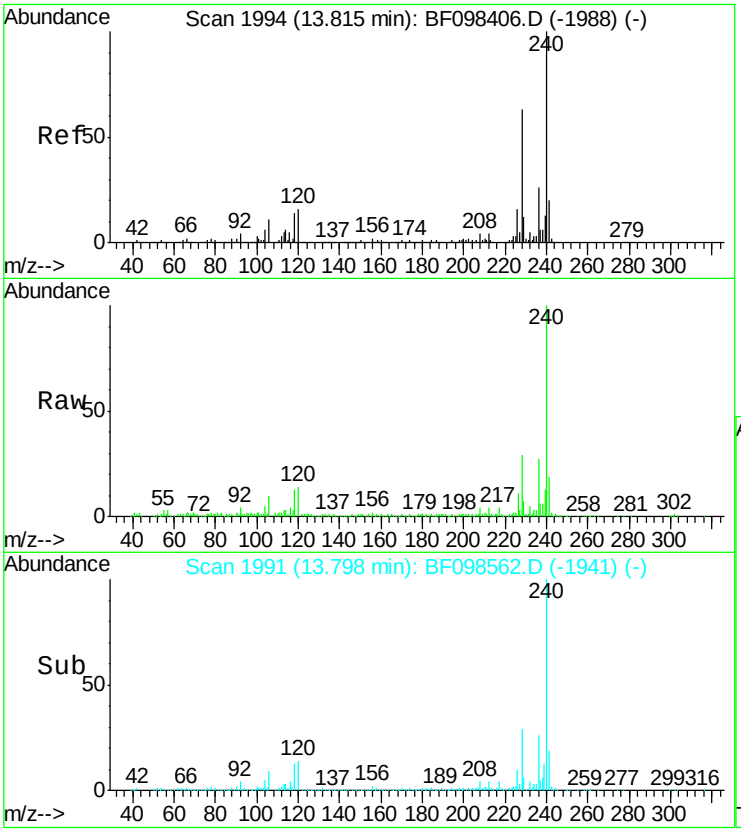


#74
Fluoranthene
Concen: 23.981 ng
RT: 12.37 min Scan# 1749
Delta R.T. 0.00 min
Lab File: BF098562.D
Acq: 15 Sep 2017 11:51

Tgt Ion:202 Resp: 563478

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	33.2
203	17.3	0.0	38.1

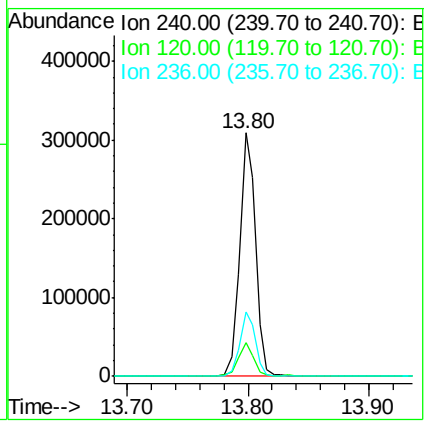




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BF098562.D
Acq: 15 Sep 2017 11:51

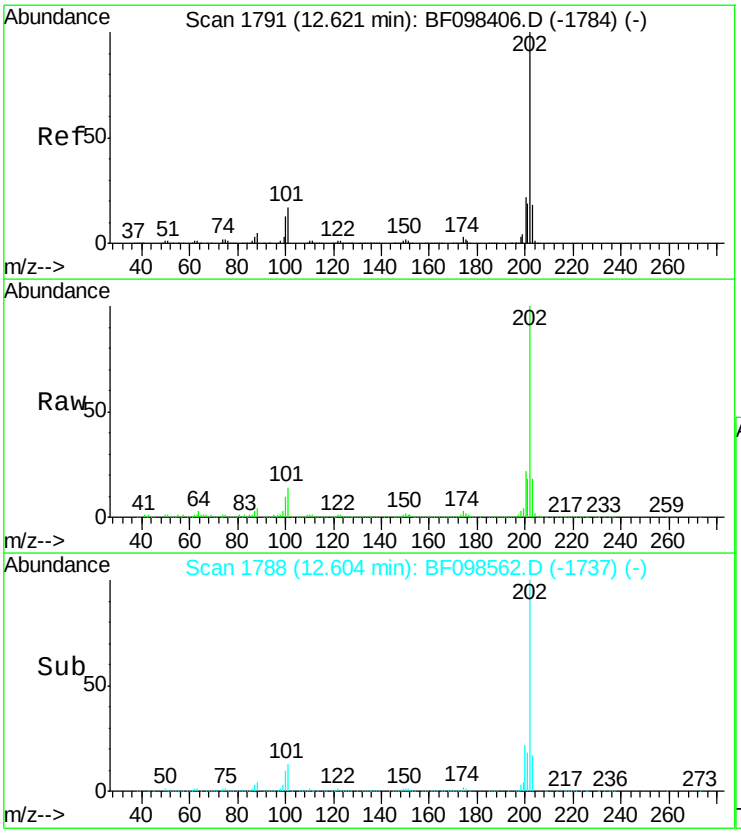
Tgt Ion:240 Resp: 283001

Ion	Ratio	Lower	Upper
240	100		
120	14.0	5.8	8.8#
236	26.6	20.5	30.7



Instrument :
BNA_F
ClientSampleId :
RL-8-0-13

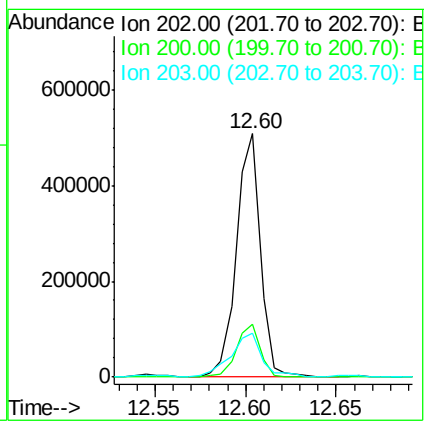
Manual Integrations APPROVED
Sohil
9/18/2017 3:33:25 PM

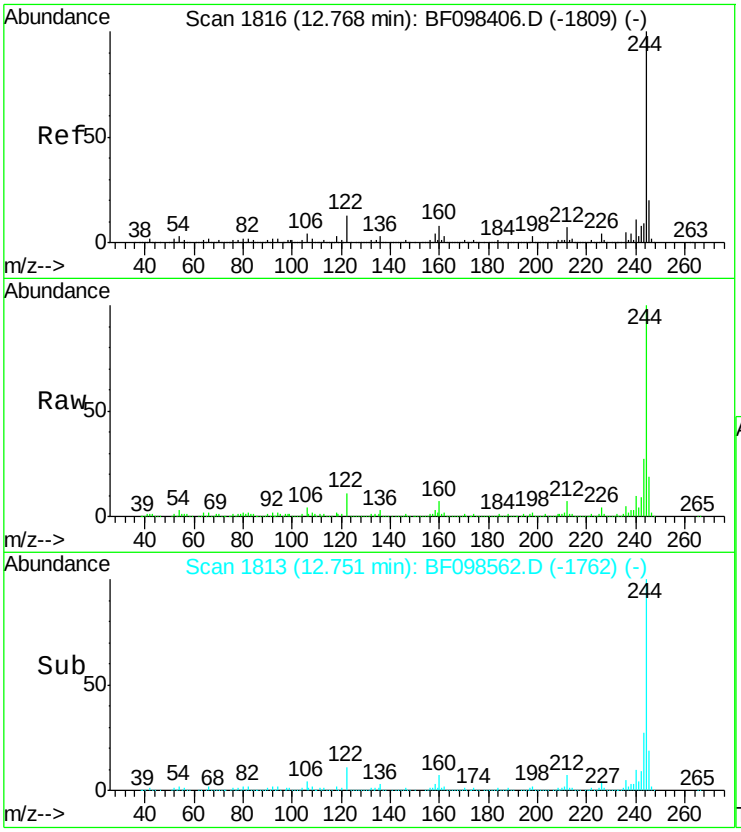


#77
Pyrene
Concen: 20.861 ng
RT: 12.60 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BF098562.D
Acq: 15 Sep 2017 11:51

Tgt Ion:202 Resp: 465724

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.6	26.4
203	17.9	14.4	21.6

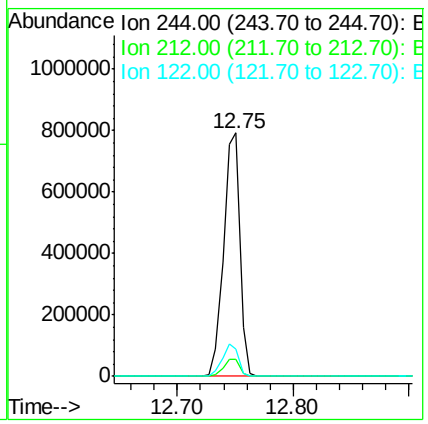




#78
Terphenyl-d14
Concen: 59.063 ng
RT: 12.75 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BF098562.D
Acq: 15 Sep 2017 11:51

Tgt Ion:244 Resp: 774387

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	11.0	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
RL-8-0-13

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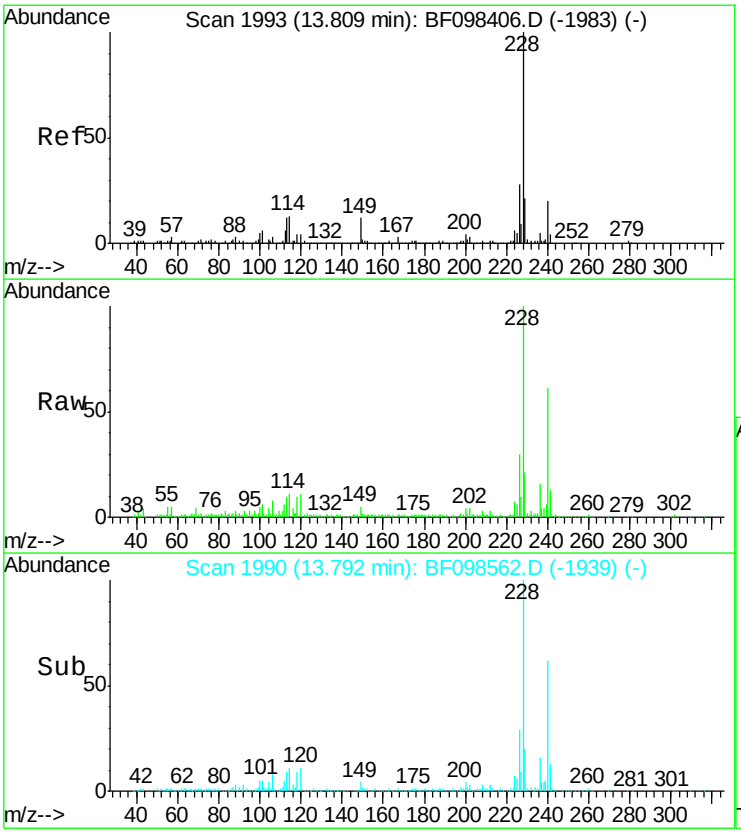
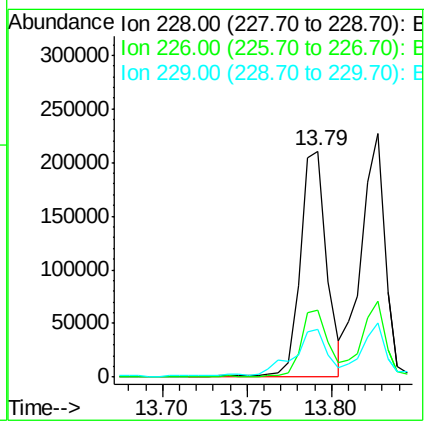
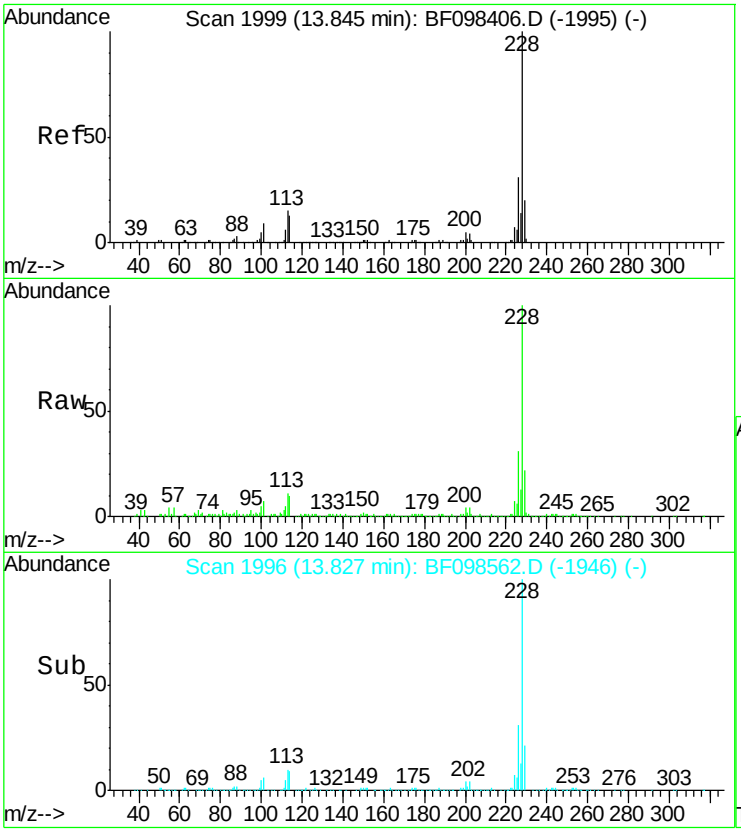


#80
Benzo(a)anthracene
Concen: 13.666 ng
RT: 13.79 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BF098562.D
Acq: 15 Sep 2017 11:51

Tgt Ion:228 Resp: 226747

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.6	33.8
229	21.0	16.3	24.5





#82
Chrysene
Concen: 13.238 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF098562.D
Acq: 15 Sep 2017 11:51

Tgt Ion:228 Resp: 222015

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	22.2	15.8	23.6

Instrument :
BNA_F
ClientSampleId :
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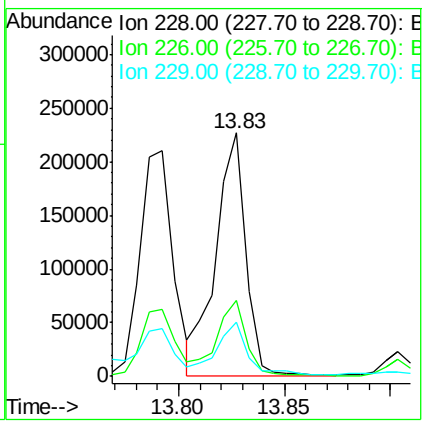
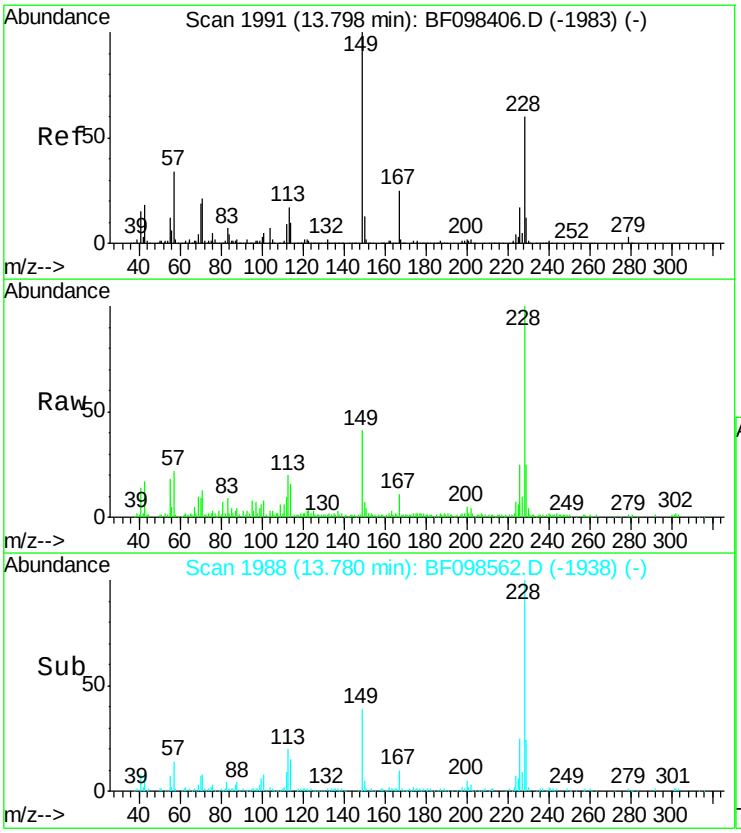
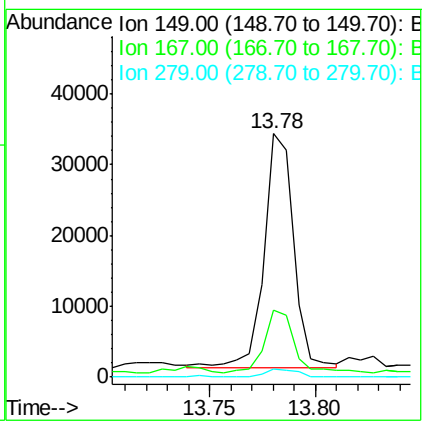


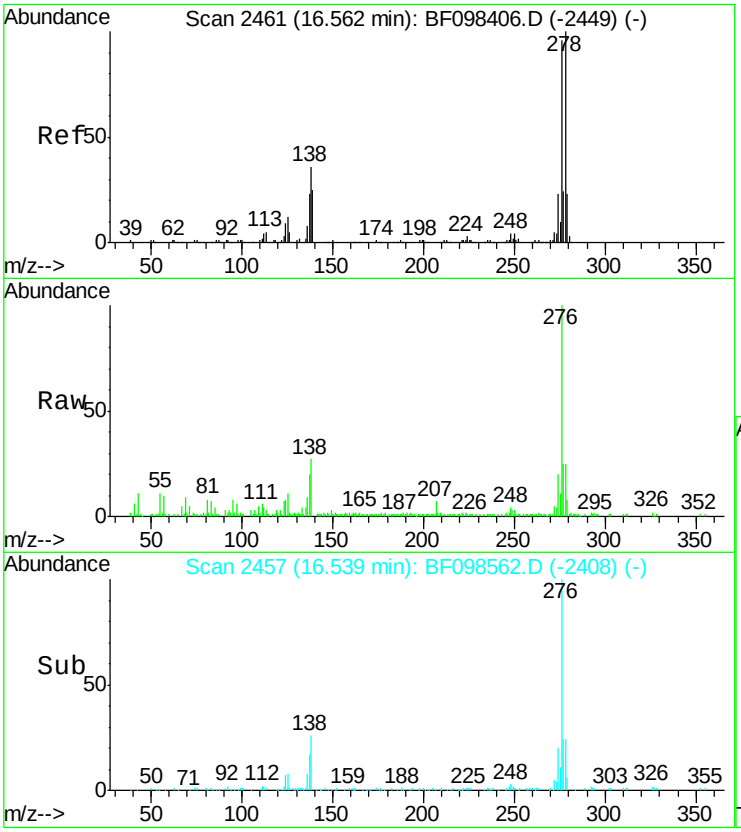


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.638 ng
RT: 13.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF098562.D
Acq: 15 Sep 2017 11:51

Tgt Ion:149 Resp: 32061

Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.0	31.4
279	3.4	1.9	2.9#

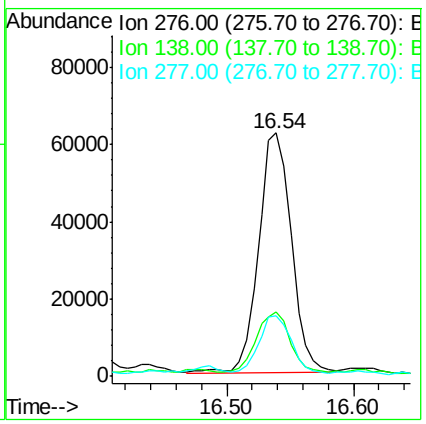




#85
Indeno(1,2,3-cd)pyrene
Concen: 9.525 ng
RT: 16.54 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BF098562.D
Acq: 15 Sep 2017 11:51

Tgt Ion:276 Resp: 112082

Ion	Ratio	Lower	Upper
276	100		
138	26.9	27.8	41.6#
277	24.0	20.2	30.4



Instrument :
BNA_F
ClientSampleId :
RL-8-0-13

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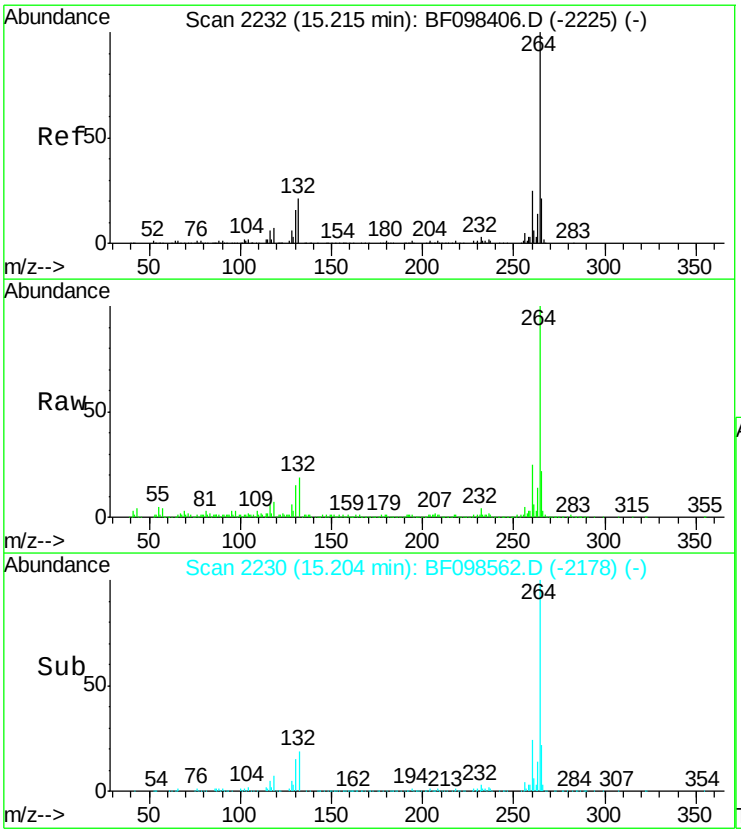
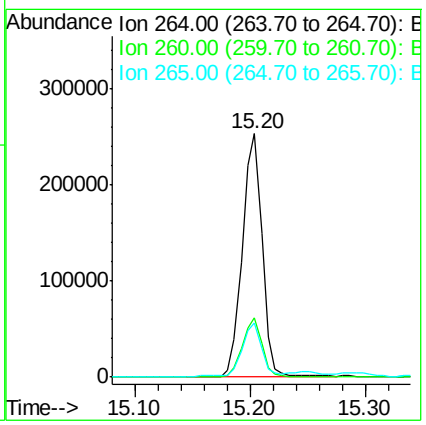
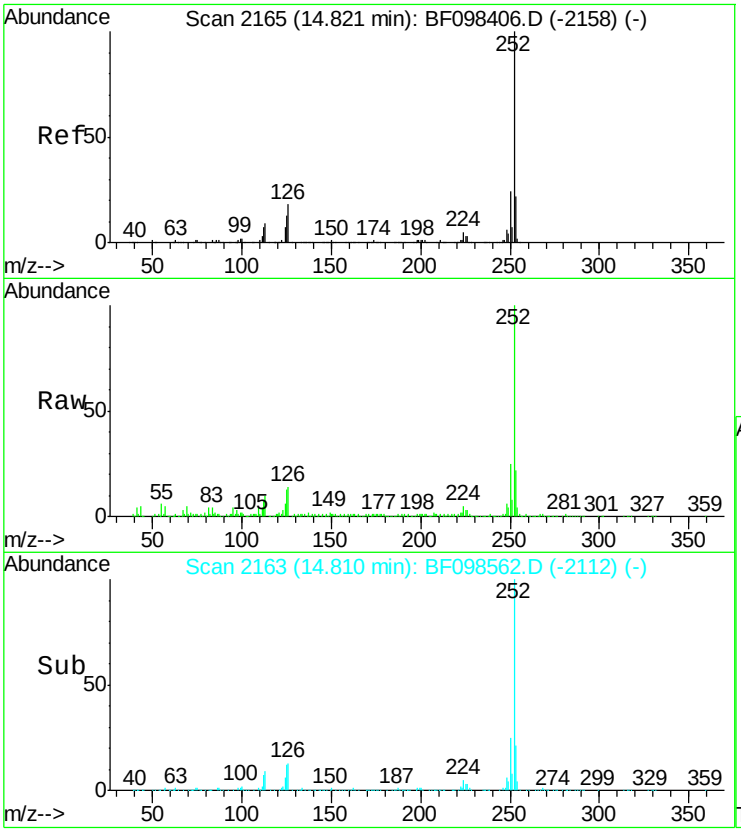


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.01 min
Lab File: BF098562.D
Acq: 15 Sep 2017 11:51

Tgt Ion:264 Resp: 303095

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	22.5	17.2	25.8

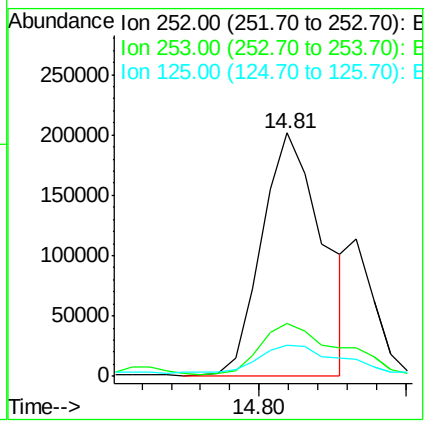




#87
Benzo(b)fluoranthene
Concen: 15.302 ng m
RT: 14.81 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BF098562.D
Acq: 15 Sep 2017 11:51

Tgt Ion:252 Resp: 291630

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	13.0	9.8	14.8



Instrument :
BNA_F
ClientSampleId :
RL-8-0-13

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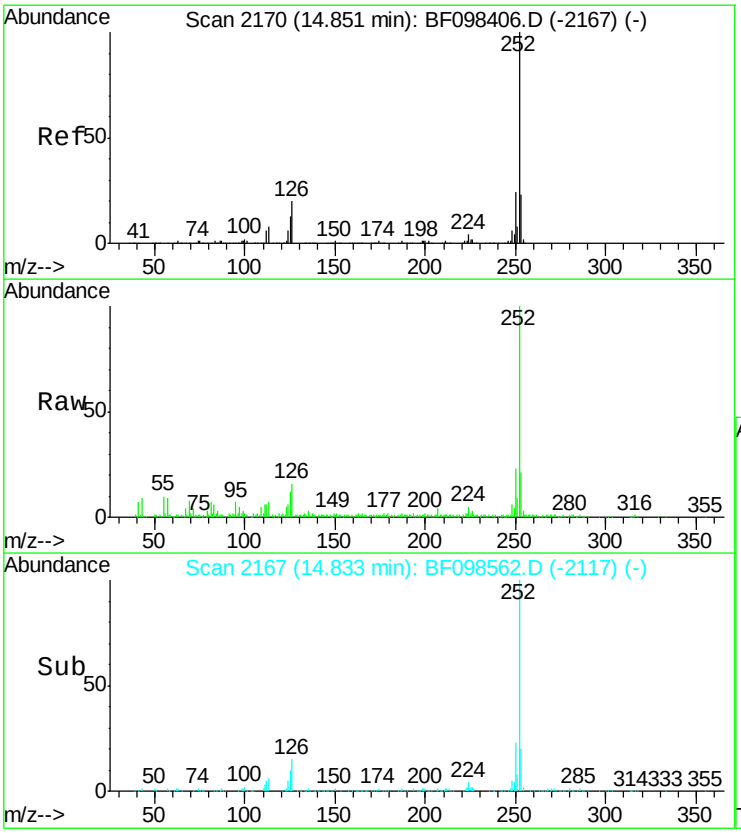
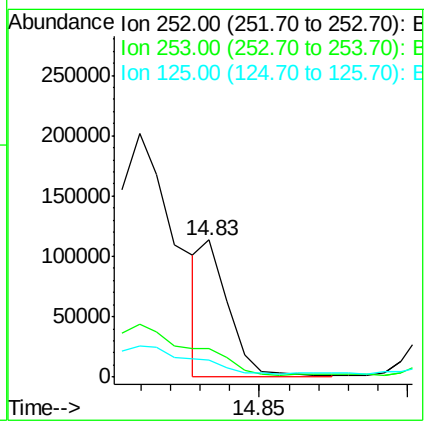
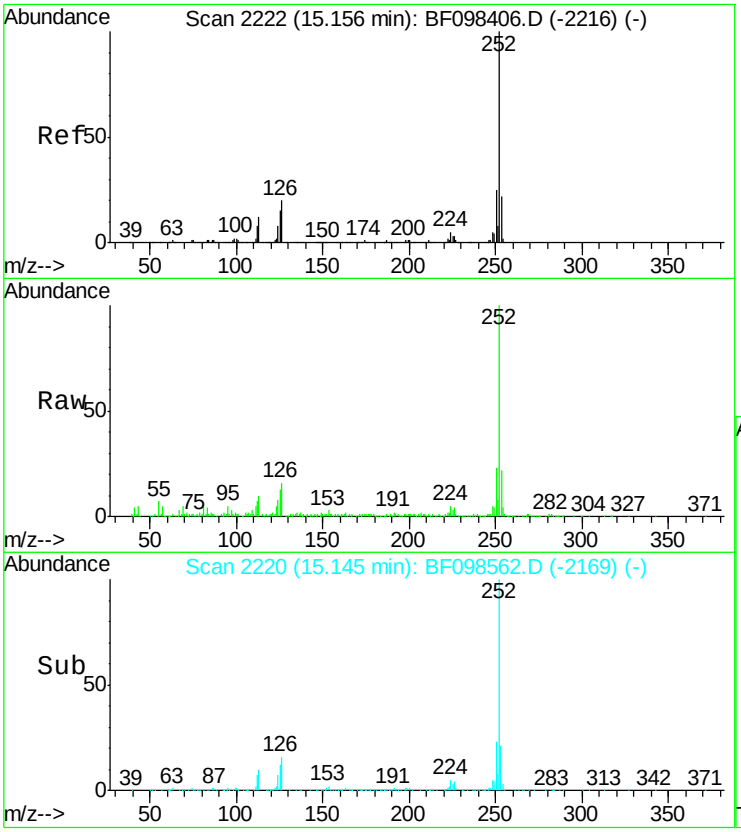


#88
Benzo(k)fluoranthene
Concen: 4.096 ng m
RT: 14.83 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BF098562.D
Acq: 15 Sep 2017 11:51

Tgt Ion:252 Resp: 72880

Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.4	27.6
125	12.4	13.1	19.7#

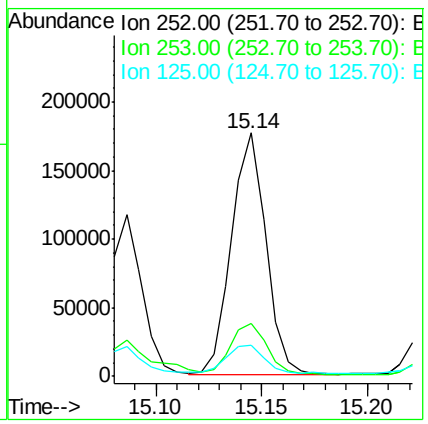




#89
Benzo(a)pyrene
Concen: 11.811 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.00 min
Lab File: BF098562.D
Acq: 15 Sep 2017 11:51

Tgt Ion:252 Resp: 200541

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	12.9	11.0	16.4



Instrument :
BNA_F
ClientSampleId :
RL-8-0-13

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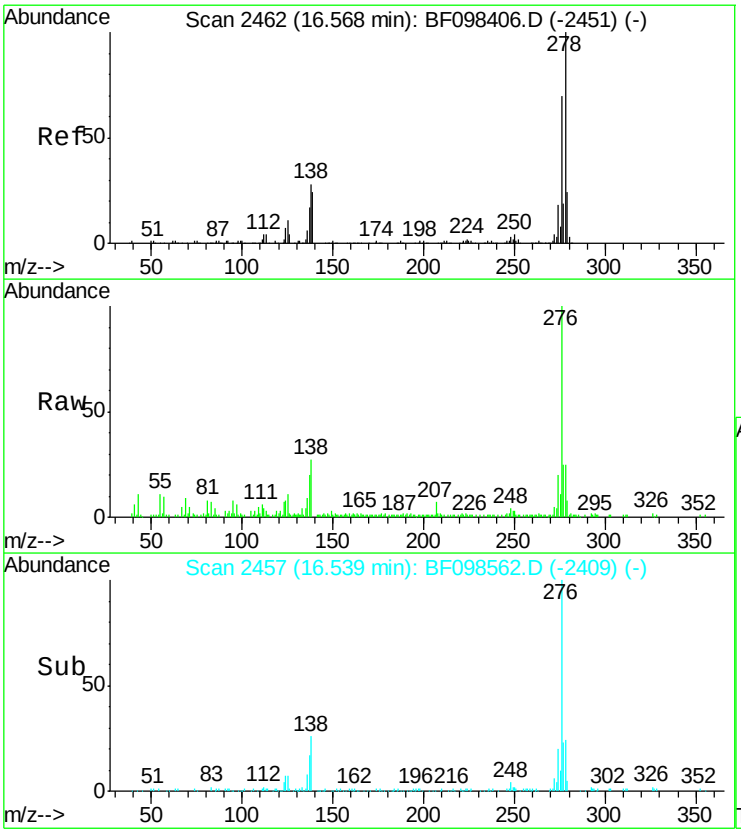
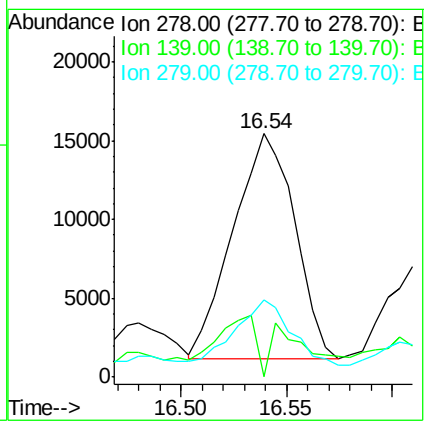
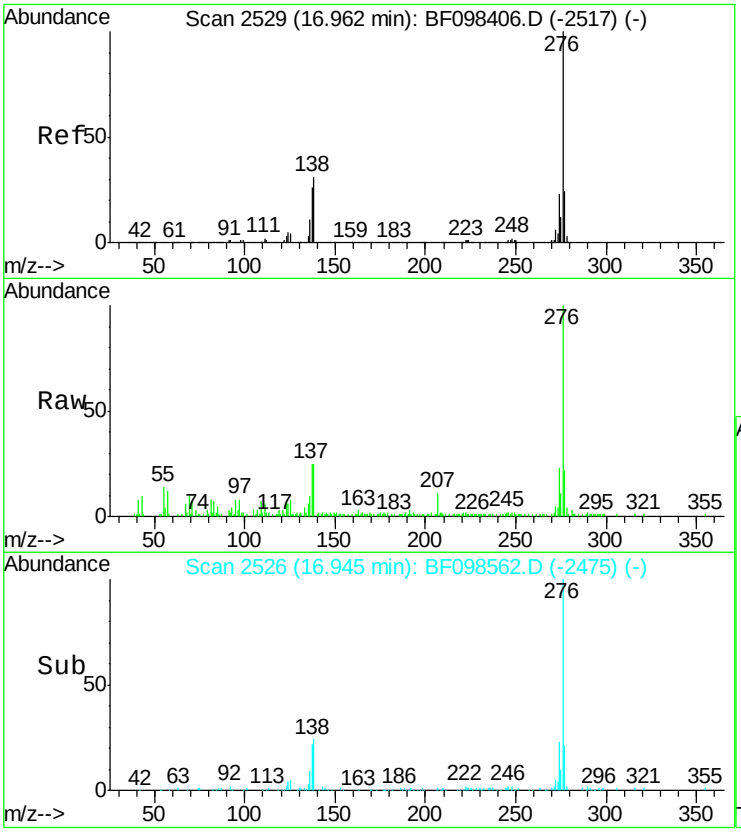


#90
Dibenzo(a,h)anthracene
Concen: 2.332 ng
RT: 16.54 min Scan# 2457
Delta R.T. -0.02 min
Lab File: BF098562.D
Acq: 15 Sep 2017 11:51

Tgt Ion:278 Resp: 28806

Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.6	24.8#
279	31.8	19.3	28.9#

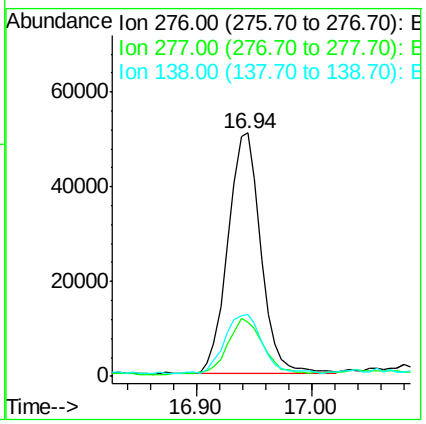




#91
Benzo(g,h,i)perylene
Concen: 8.088 ng
RT: 16.94 min Scan# 2526
Delta R.T. 0.00 min
Lab File: BF098562.D
Acq: 15 Sep 2017 11:51

Tgt Ion:276 Resp: 100474

Ion	Ratio	Lower	Upper
276	100		
277	22.1	18.6	28.0
138	25.4	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
RL-8-0-13

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