Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
Data File : BF098004.D
Acq On : 24 Aug 2017 16:18
Operator : SJ/JU
Sample : I4774-03 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HY-MW115-SO

Manual Integrations APPROVED
Sohil
8/25/2017 5:39:59 PM

Quant Time: Aug 25 11:03:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	108076	20.00	ng		-0.01
21) Naphthalene-d8	8.02	136	412145	20.00	ng		-0.01
38) Acenaphthene-d10	9.77	164	186022	20.00	ng		-0.01
63) Phenanthrene-d10	11.26	188	369450	20.00	ng		0.00
75) Chrysene-d12	13.89	240	286638	20.00	ng		-0.01
86) Perylene-d12	15.30	264	240311	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	103606	14.58	ng		-0.02
7) Phenol-d6	6.36	99	138288	14.32	ng		-0.03
23) Nitrobenzene-d5	7.30	82	89754	11.83	ng		-0.02
41) 2,4,6-Tribromophenol	10.56	330	22791	14.12	ng		-0.01
44) 2-Fluorobiphenyl	9.10	172	131802	10.41	ng		-0.01
78) Terphenyl-d14	12.84	244	123847	9.01	ng		-0.01
Target Compounds							Qvalue
51) Acenaphthene	9.81	154	237730	19.151	ng		96
57) Fluorene	10.32	166	244105	18.978	ng	#	97
70) Phenanthrene	11.29	178	1133889	57.596	ng		99
71) Anthracene	11.33	178	340507	17.053	ng		98
74) Fluoranthene	12.47	202	505190	24.585	ng		100
77) Pyrene	12.70	202	1089419	46.470	ng		99
80) Benzo(a)anthracene	13.87	228	248074m	14.440	ng		
82) Chrysene	13.91	228	237770	13.913	ng		97
85) Indeno(1,2,3-cd)pyrene	16.67	276	104349	8.300	ng	#	89
87) Benzo(b)fluoranthene	14.90	252	188947m	12.474	ng		
88) Benzo(k)fluoranthene	14.92	252	50922m	3.578	ng		
89) Benzo(a)pyrene	15.24	252	246226	18.362	ng		97
90) Dibenzo(a,h)anthracene	16.68	278	26419	2.420	ng		96
91) Benzo(g,h,i)perylene	17.08	276	164280m	14.422	ng		

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

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Instrument :
BNA_F
ClientSampleId :
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Manual Integrations APPROVED
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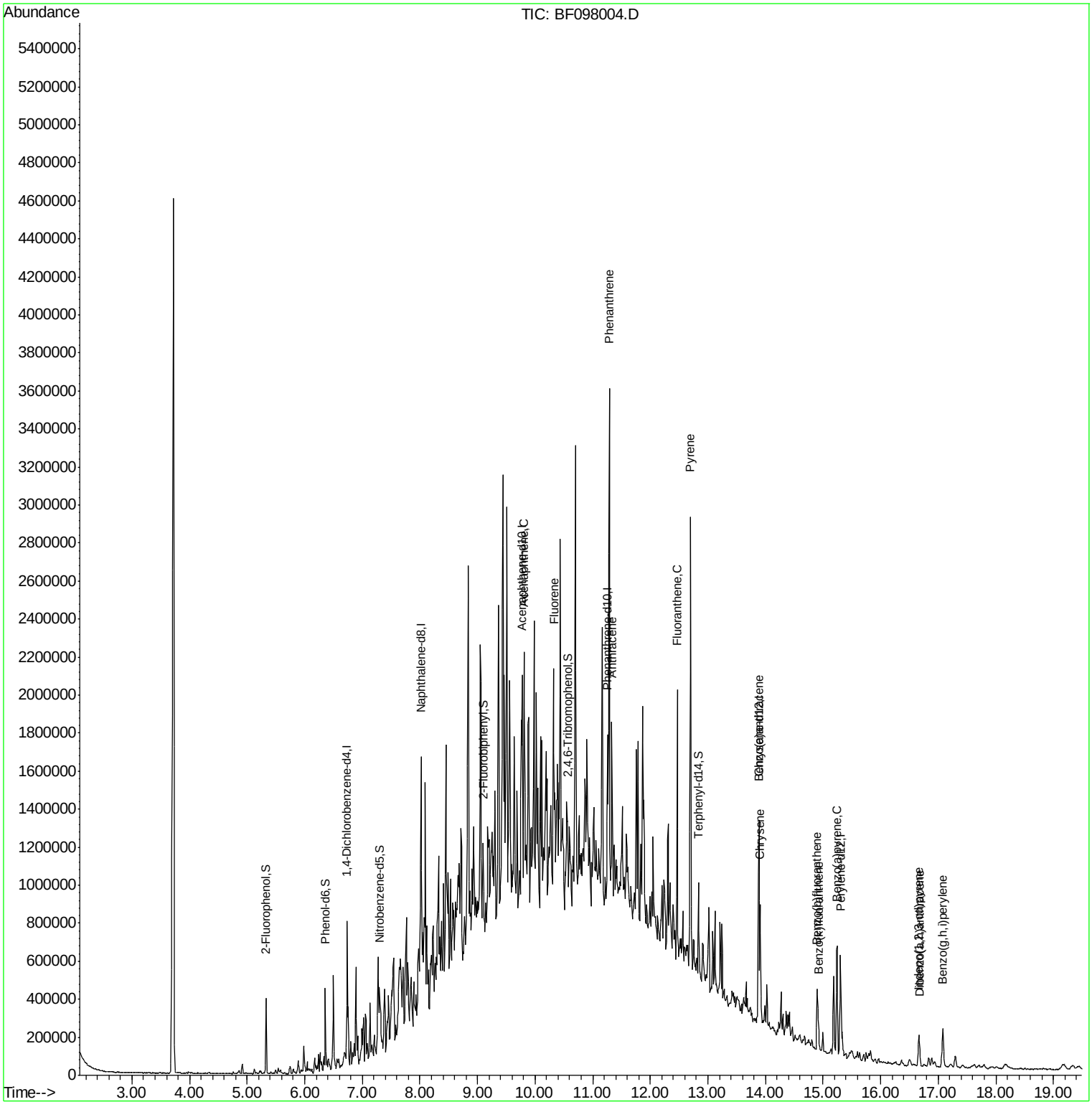
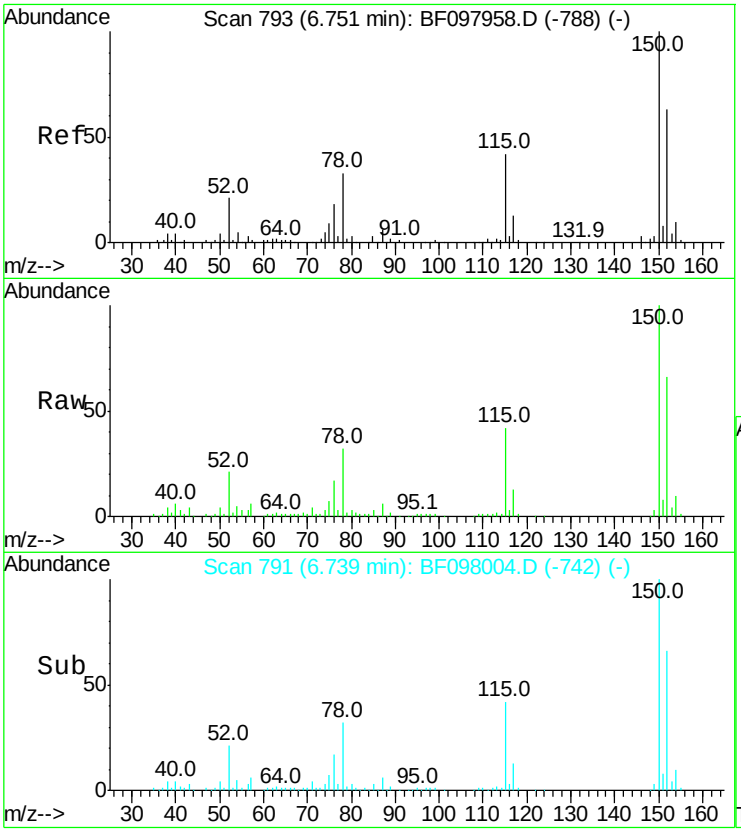
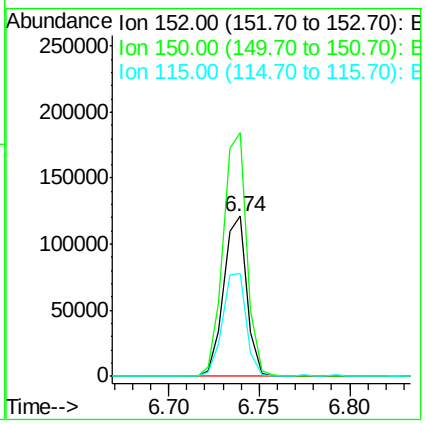




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098004.D
Acq: 24 Aug 2017 16:18

Tgt Ion:152 Resp: 108076

Ion	Ratio	Lower	Upper
152	100		
150	152.4	126.2	189.2
115	64.0	52.2	78.2



Instrument :
BNA_F
ClientSampleId :
HY-MW115-SO

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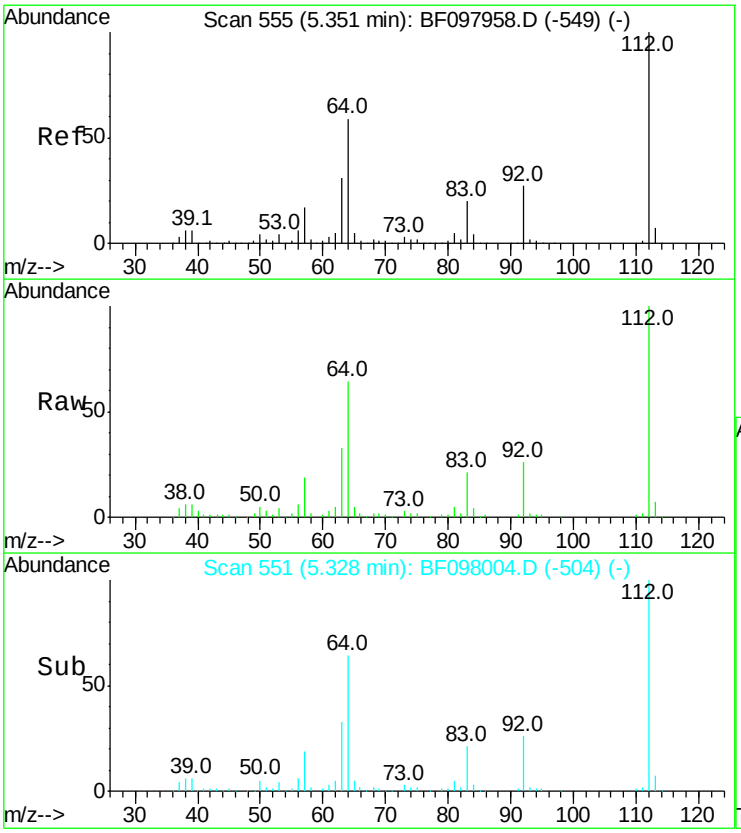
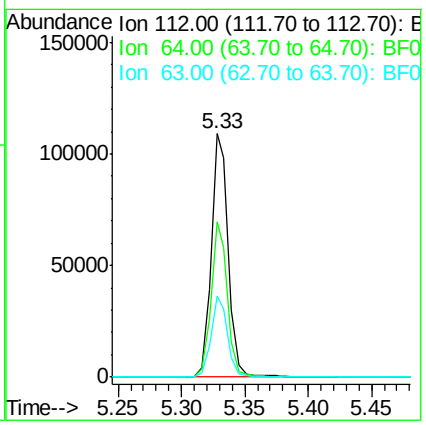
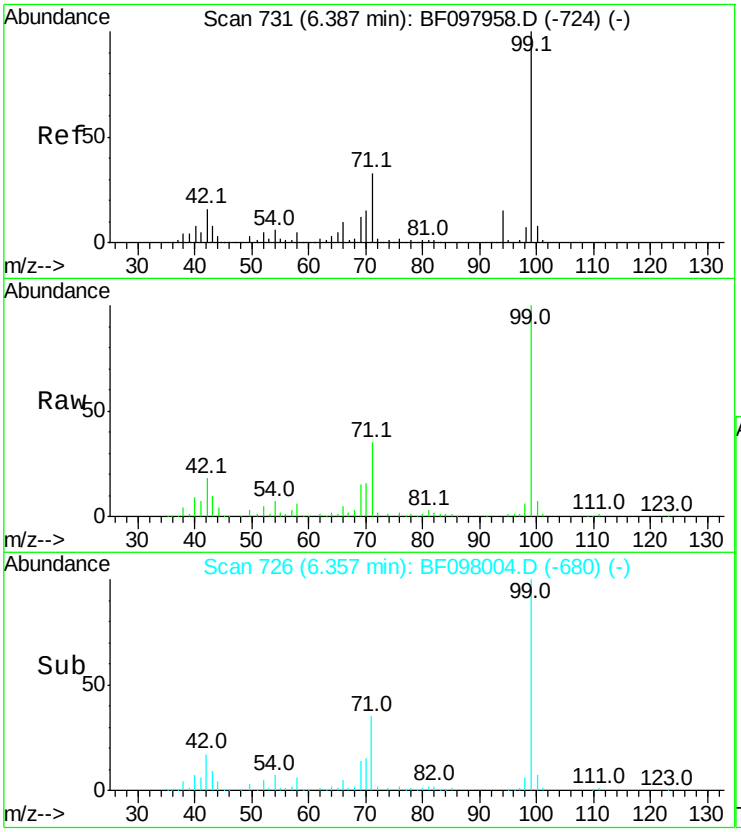


#5
2-Fluorophenol
Concen: 14.582 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF098004.D
Acq: 24 Aug 2017 16:18

Tgt Ion:112 Resp: 103606

Ion	Ratio	Lower	Upper
112	100		
64	64.0	46.0	69.0
63	33.4	23.4	35.0

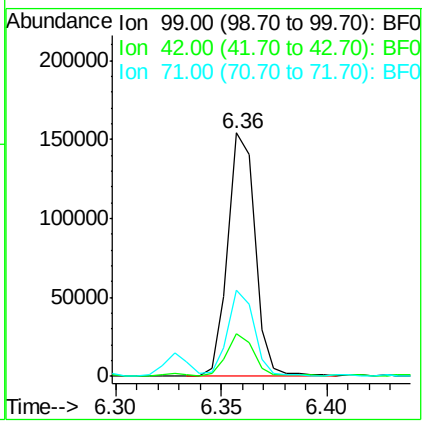




#7
Phenol-d6
Concen: 14.324 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.03 min
Lab File: BF098004.D
Acq: 24 Aug 2017 16:18

Tgt Ion: 99 Resp: 138288

Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.5	20.3
71	35.3	24.5	36.7



Instrument :
BNA_F
ClientSampleId :
HY-MW115-SO

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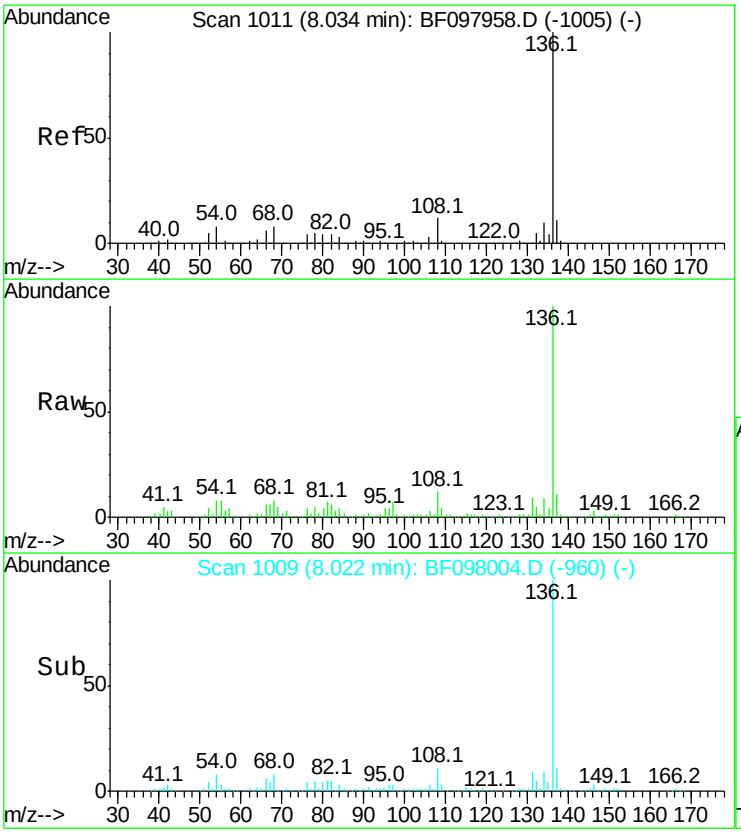
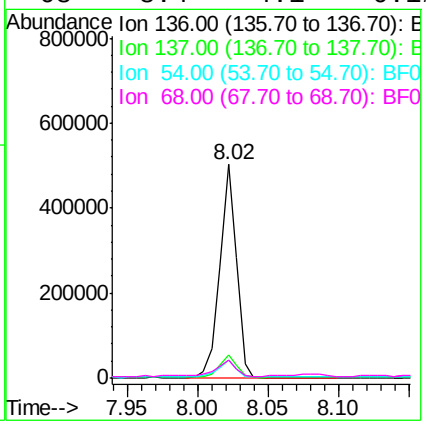
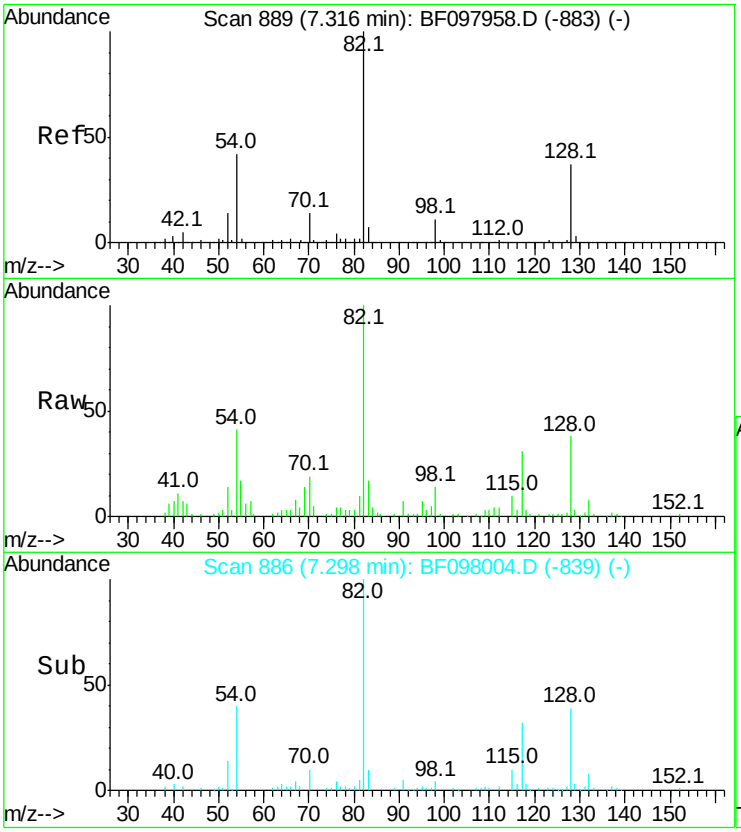


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098004.D
Acq: 24 Aug 2017 16:18

Tgt Ion:136 Resp: 412145

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	8.2	4.9	7.3#
68	8.4	4.1	6.1#

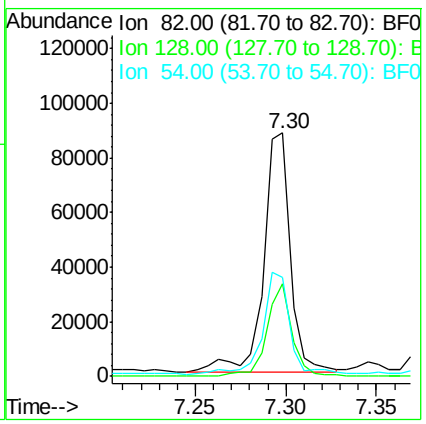




#23
Nitrobenzene-d5
Concen: 11.830 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF098004.D
Acq: 24 Aug 2017 16:18

Tgt Ion: 82 Resp: 89754

Ion	Ratio	Lower	Upper
82	100		
128	38.0	34.0	51.0
54	40.6	42.2	63.2#



Instrument :
BNA_F
ClientSampleId :
HY-MW115-SO

Manual Integrations APPROVED
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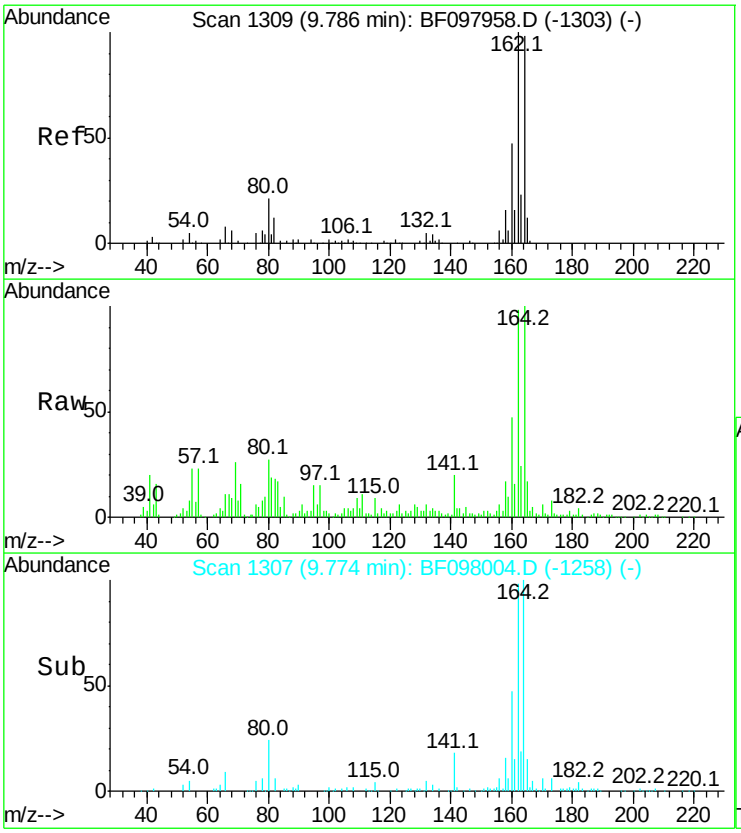
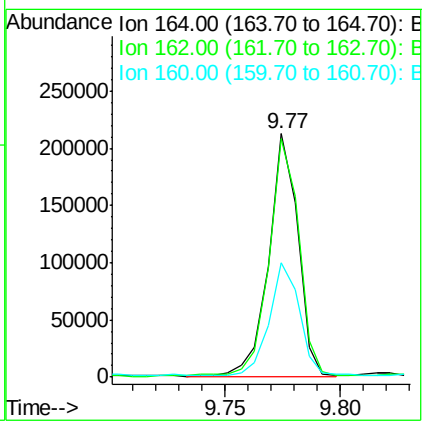
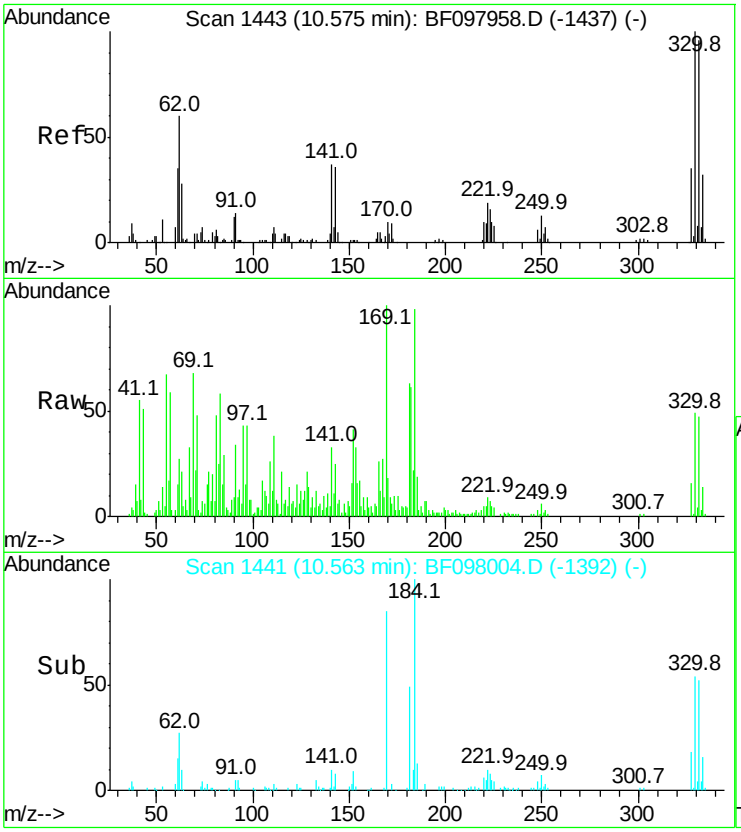


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF098004.D
Acq: 24 Aug 2017 16:18

Tgt Ion:164 Resp: 186022

Ion	Ratio	Lower	Upper
164	100		
162	98.2	82.6	123.8
160	47.2	36.2	54.2

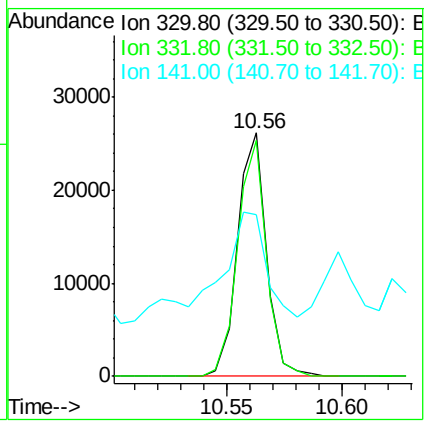




#41
2,4,6-Tribromophenol
Concen: 14.120 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF098004.D
Acq: 24 Aug 2017 16:18

Tgt Ion:330 Resp: 22791

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	81.8	31.4	47.2#



Instrument :
BNA_F
ClientSampleId :
HY-MW115-SO

Manual Integrations APPROVED
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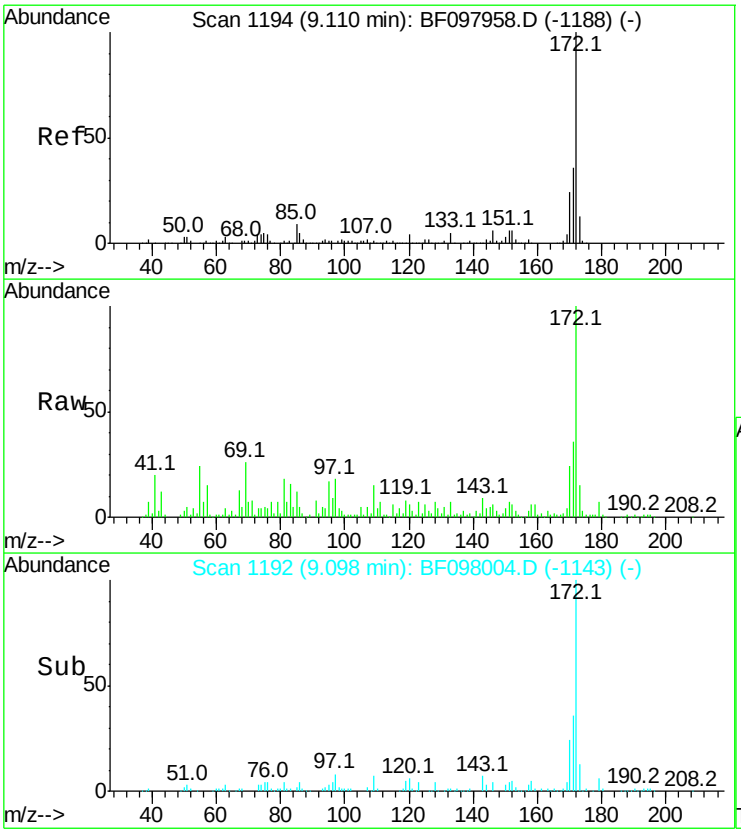
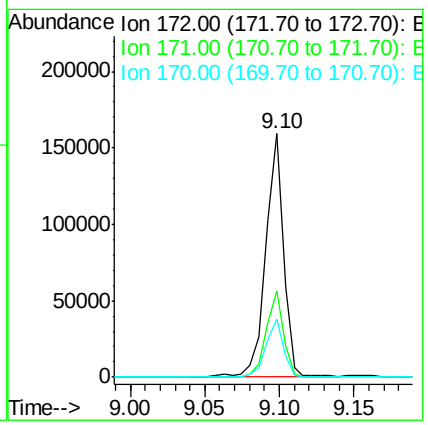
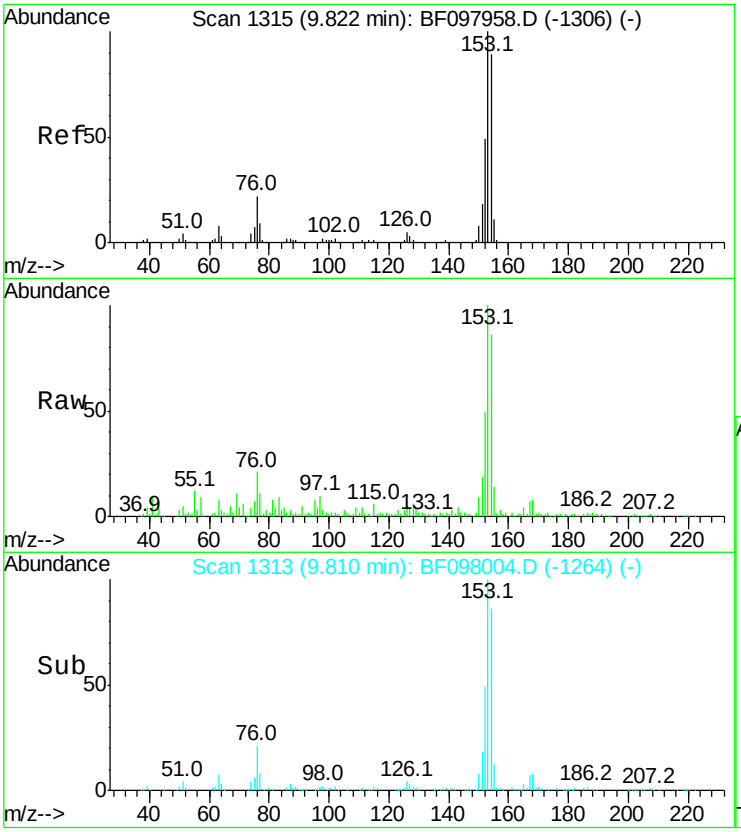


#44
2-Fluorobiphenyl
Concen: 10.410 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF098004.D
Acq: 24 Aug 2017 16:18

Tgt Ion:172 Resp: 131802

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.9	19.8	29.8

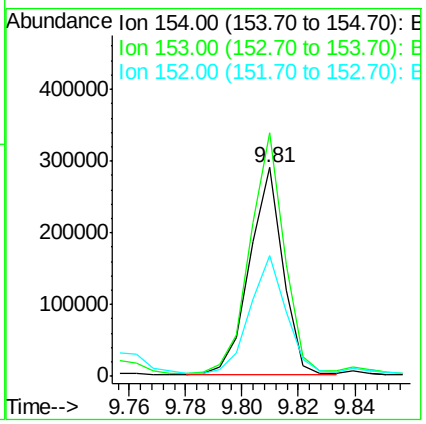




#51
Acenaphthene
Concen: 19.151 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF098004.D
Acq: 24 Aug 2017 16:18

Tgt Ion:154 Resp: 237730

Ion	Ratio	Lower	Upper
154	100		
153	116.7	90.5	135.7
152	58.0	43.6	65.4



Instrument :
BNA_F
ClientSampleId :
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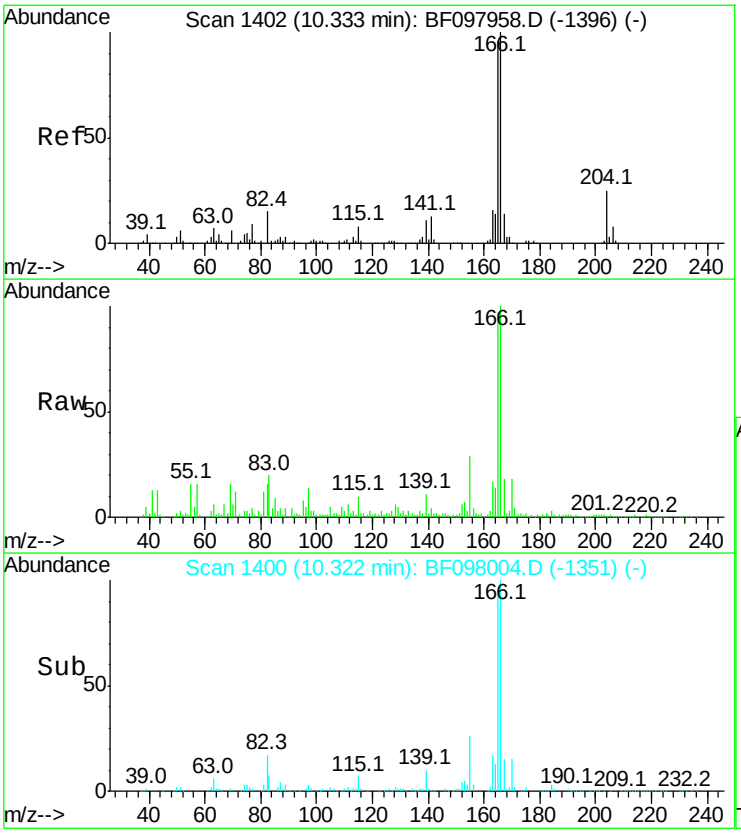
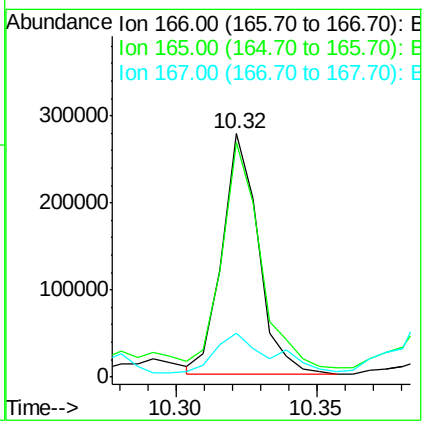
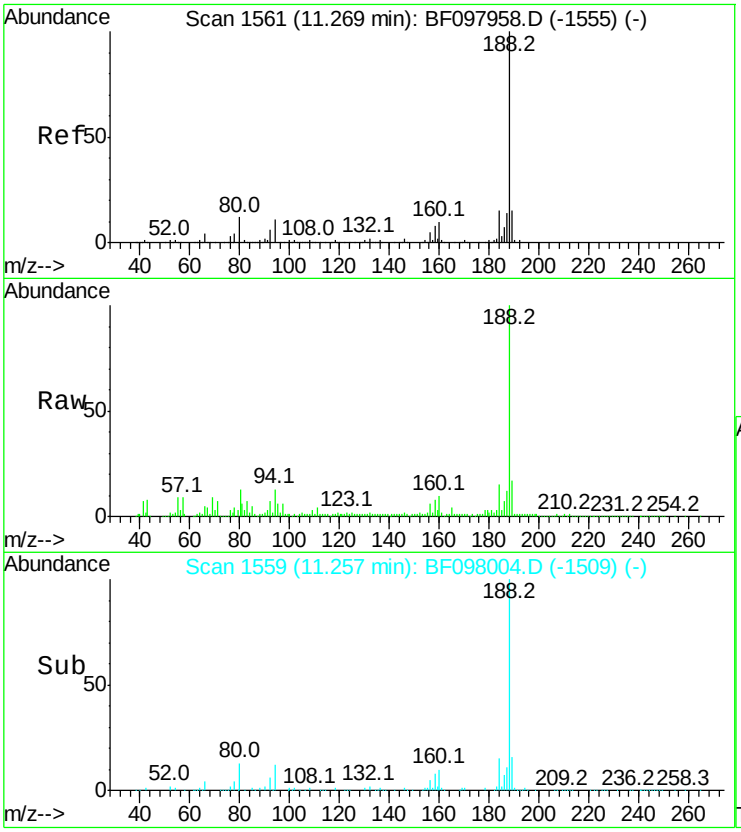


#57
Fluorene
Concen: 18.978 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF098004.D
Acq: 24 Aug 2017 16:18

Tgt Ion:166 Resp: 244105

Ion	Ratio	Lower	Upper
166	100		
165	96.5	78.8	118.2
167	18.1	10.6	16.0#

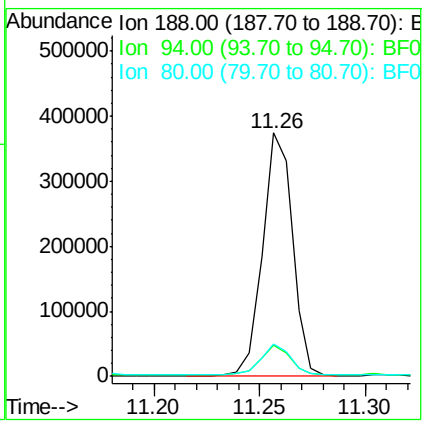




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF098004.D
Acq: 24 Aug 2017 16:18

Tgt Ion:188 Resp: 369450

Ion	Ratio	Lower	Upper
188	100		
94	12.7	9.4	14.2
80	13.4	10.2	15.2



Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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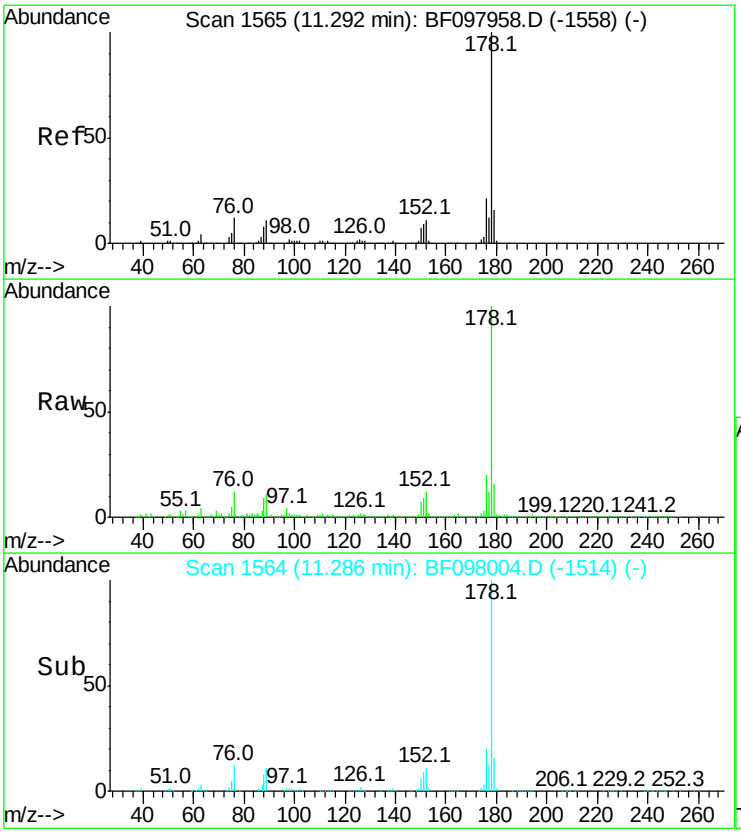
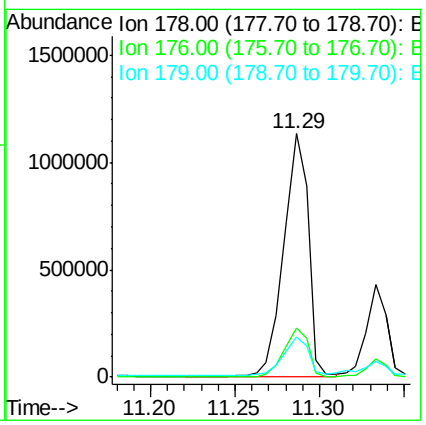
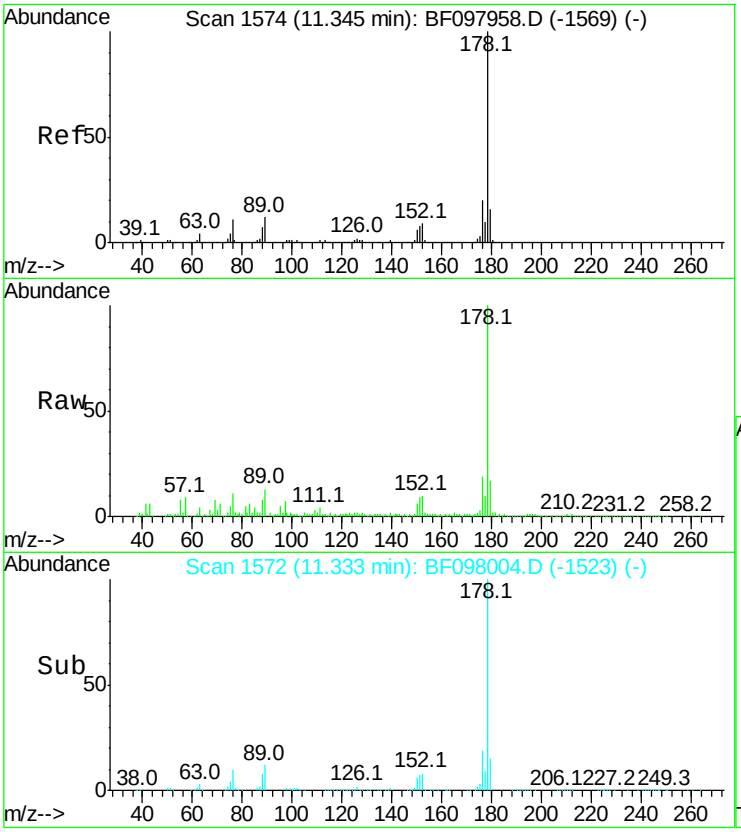


#70
Phenanthrene
Concen: 57.596 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF098004.D
Acq: 24 Aug 2017 16:18

Tgt Ion:178 Resp: 1133889

Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.2	24.4
179	16.5	12.6	19.0

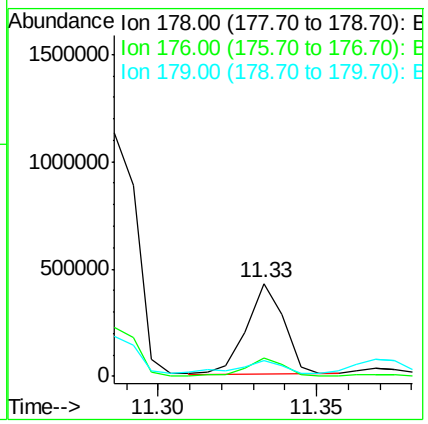




#71
Anthracene
Concen: 17.053 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF098004.D
Acq: 24 Aug 2017 16:18

Tgt Ion:178 Resp: 340507

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	16.7	12.7	19.1



Instrument :
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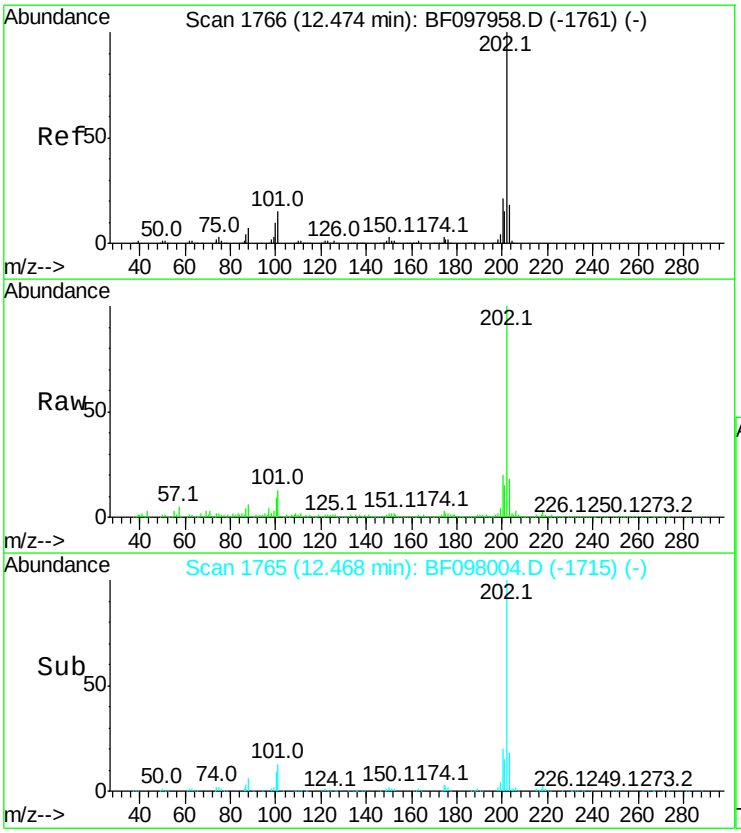
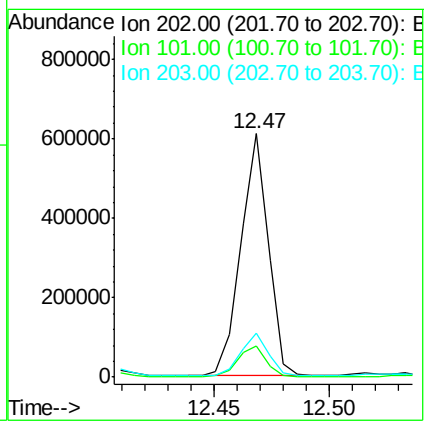
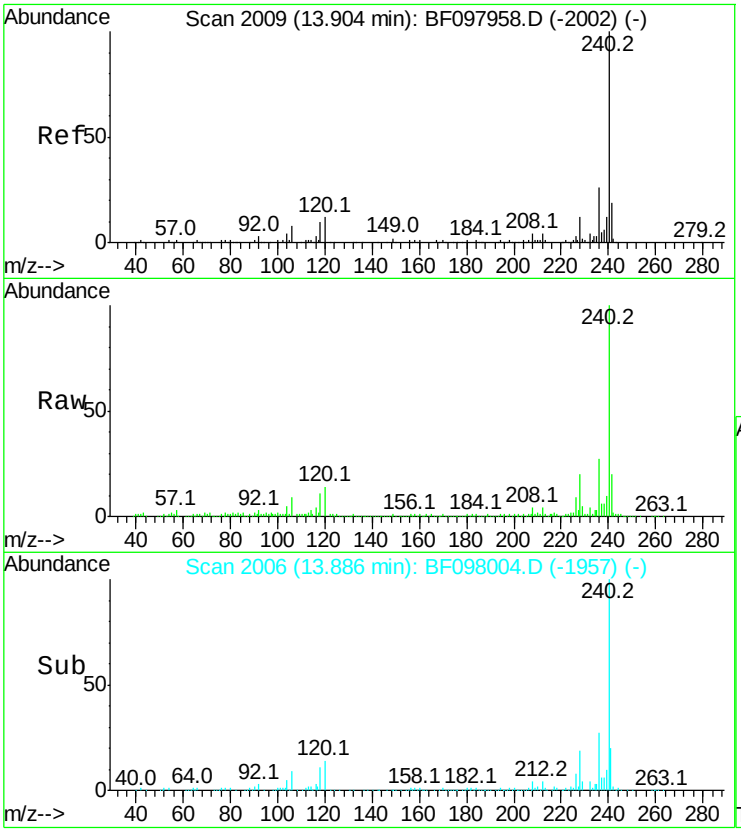


#74
Fluoranthene
Concen: 24.585 ng
RT: 12.47 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BF098004.D
Acq: 24 Aug 2017 16:18

Tgt Ion:202 Resp: 505190

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.2
203	17.9	0.0	38.1

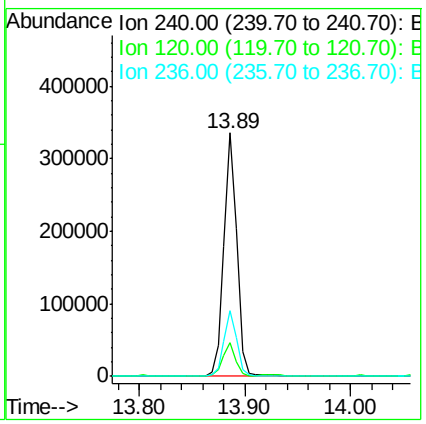




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF098004.D
Acq: 24 Aug 2017 16:18

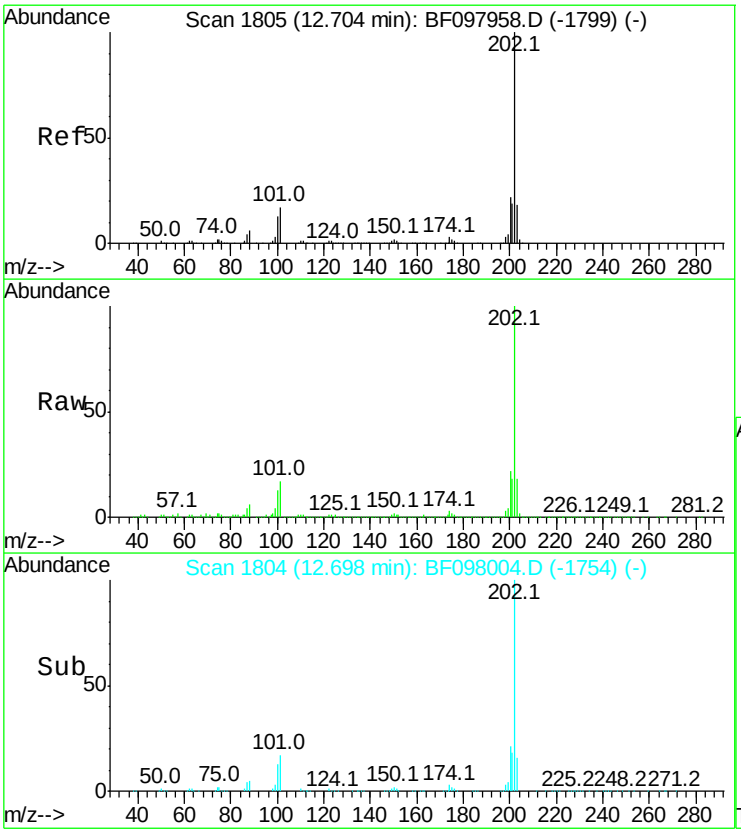
Tgt Ion:240 Resp: 286638

Ion	Ratio	Lower	Upper
240	100		
120	14.0	5.8	8.8#
236	27.0	20.5	30.7



Instrument :
BNA_F
ClientSampleId :
HY-MW115-SO

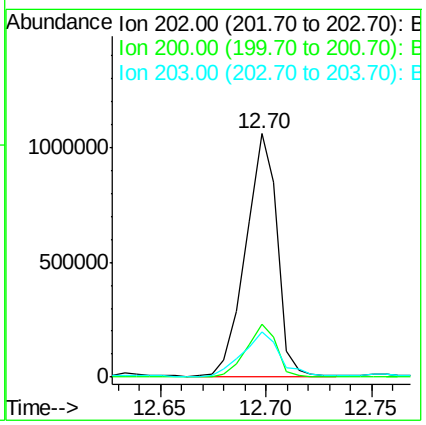
Manual Integrations APPROVED
Sohil
8/25/2017 5:39:59 PM

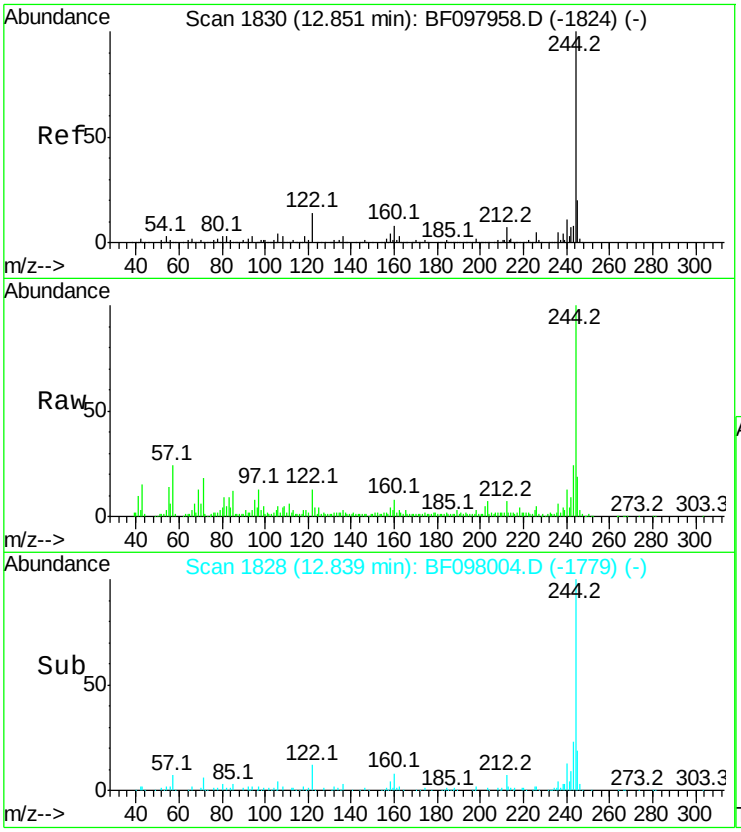


#77
Pyrene
Concen: 46.470 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF098004.D
Acq: 24 Aug 2017 16:18

Tgt Ion:202 Resp: 1089419

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.6	26.4
203	18.3	14.4	21.6

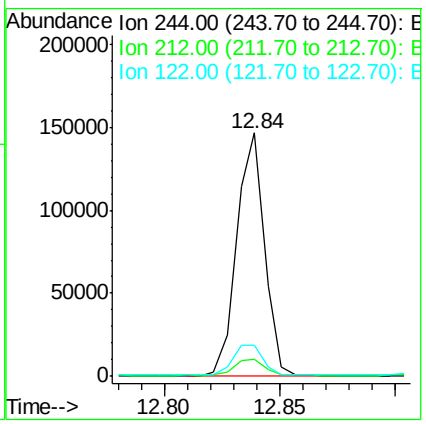




#78
Terphenyl-d14
Concen: 9.010 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF098004.D
Acq: 24 Aug 2017 16:18

Tgt Ion:244 Resp: 123847

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	12.6	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
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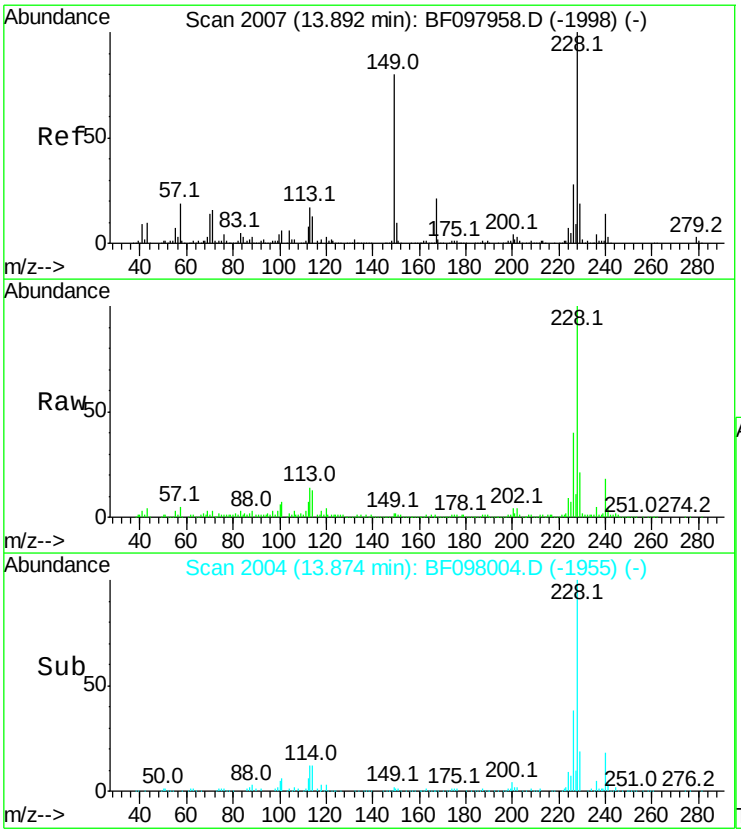
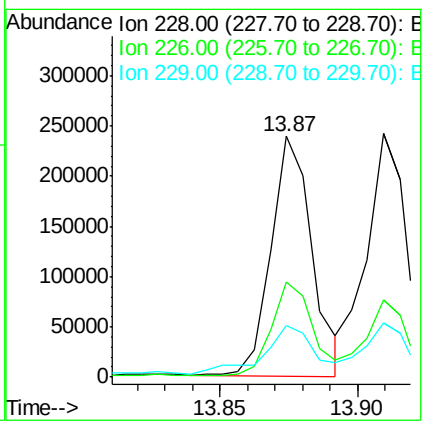
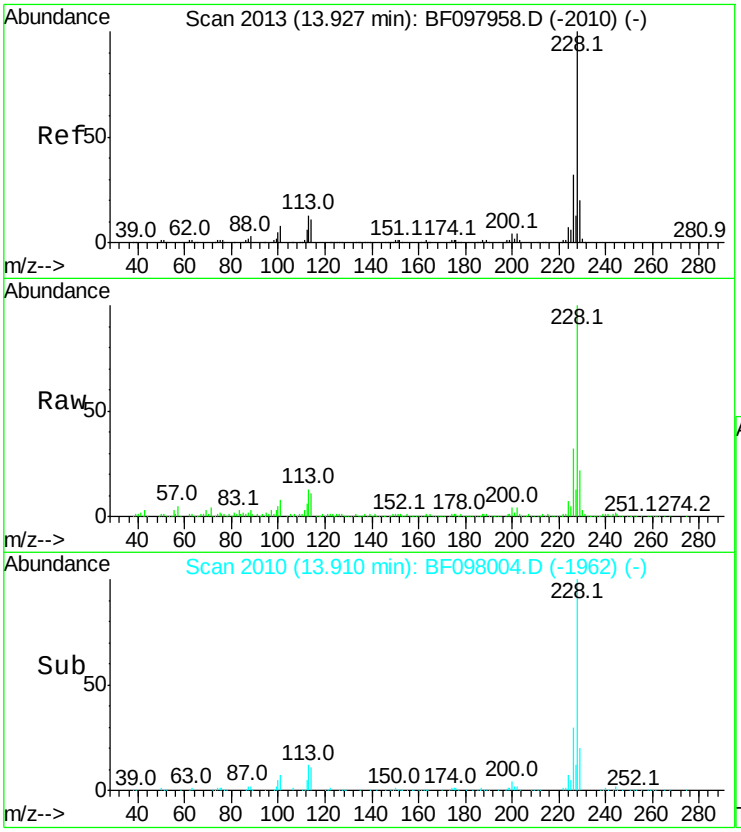


#80
Benzo(a)anthracene
Concen: 14.440 ng m
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF098004.D
Acq: 24 Aug 2017 16:18

Tgt Ion:228 Resp: 248074

Ion	Ratio	Lower	Upper
228	100		
226	39.5	22.6	33.8#
229	21.3	16.3	24.5

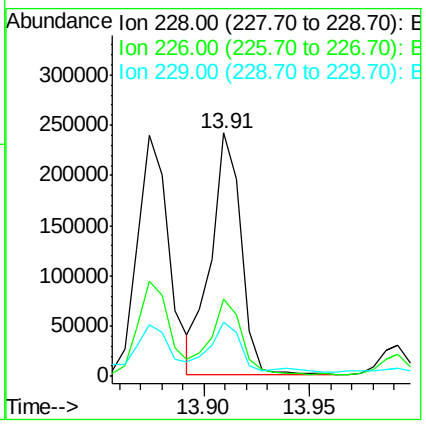




#82
Chrysene
Concen: 13.913 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BF098004.D
Acq: 24 Aug 2017 16:18

Tgt Ion:228 Resp: 237770

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.9	37.3
229	22.3	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
HY-MW115-SO

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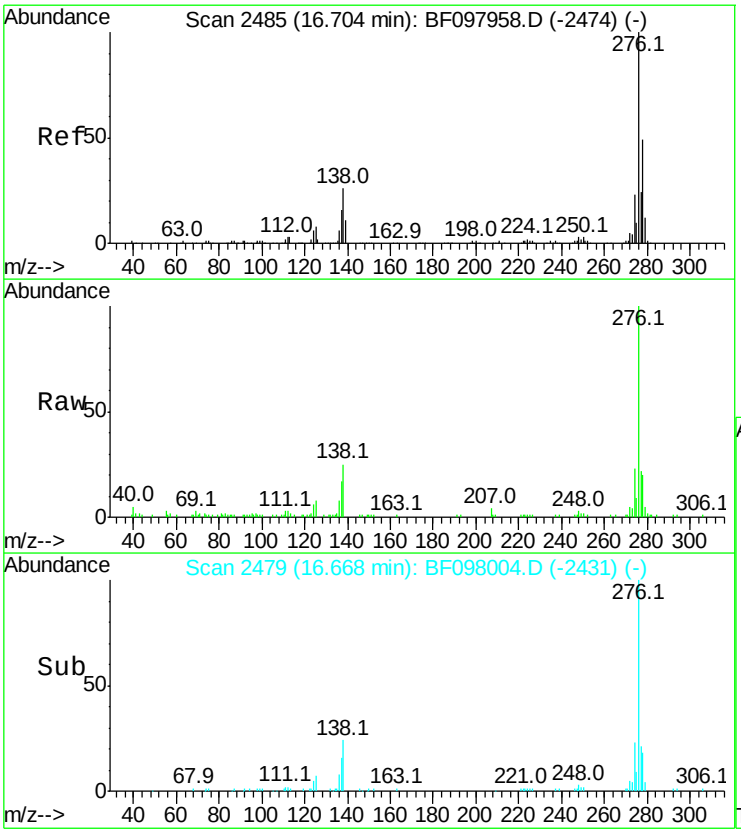
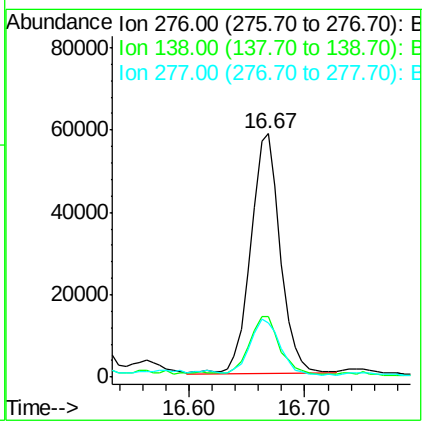
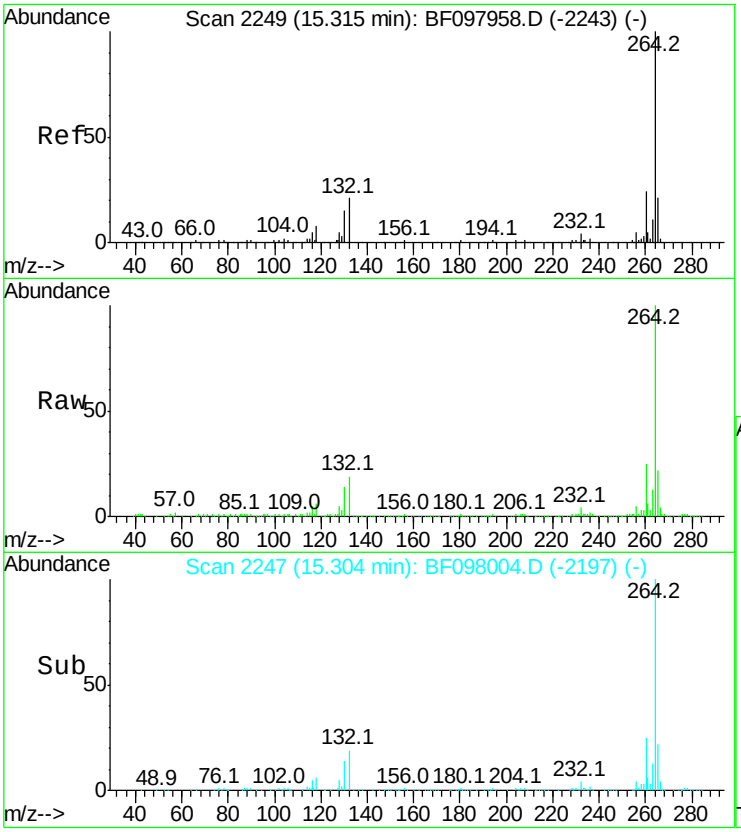


#85
Indeno(1,2,3-cd)pyrene
Concen: 8.300 ng
RT: 16.67 min Scan# 2479
Delta R.T. -0.02 min
Lab File: BF098004.D
Acq: 24 Aug 2017 16:18

Tgt Ion:276 Resp: 104349

Ion	Ratio	Lower	Upper
276	100		
138	24.8	27.8	41.6#
277	24.0	20.2	30.4

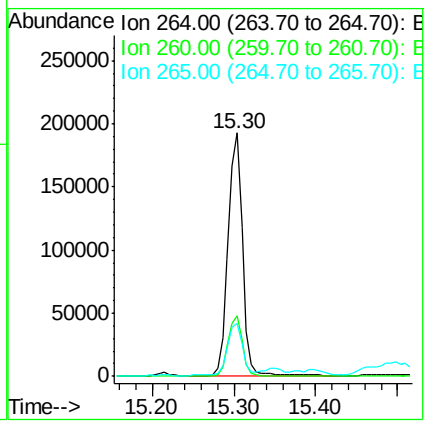




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BF098004.D
Acq: 24 Aug 2017 16:18

Tgt Ion:264 Resp: 240311

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.8	17.2	25.8



Instrument :
BNA_F
ClientSampleId :
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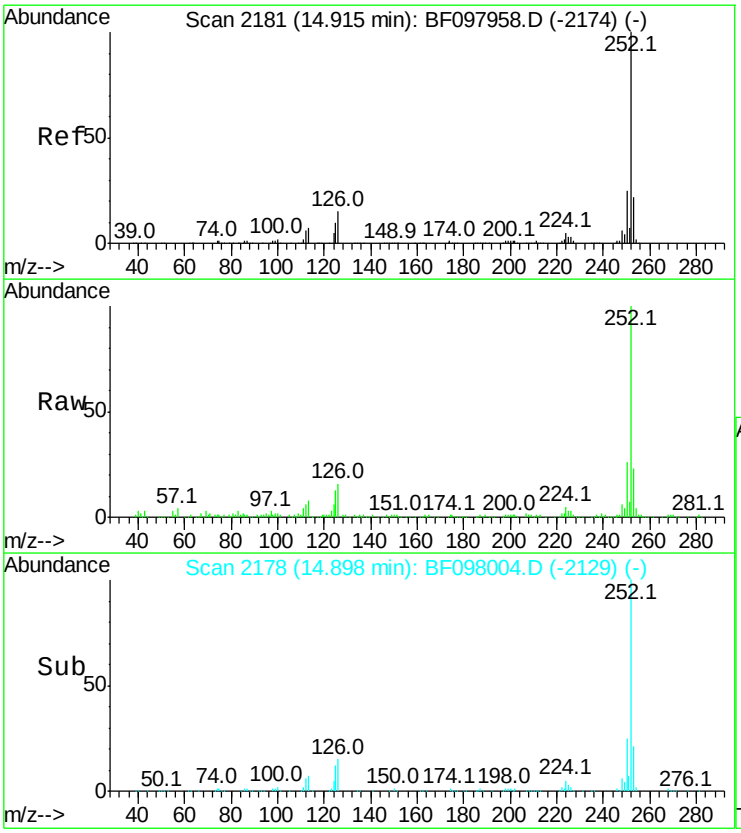
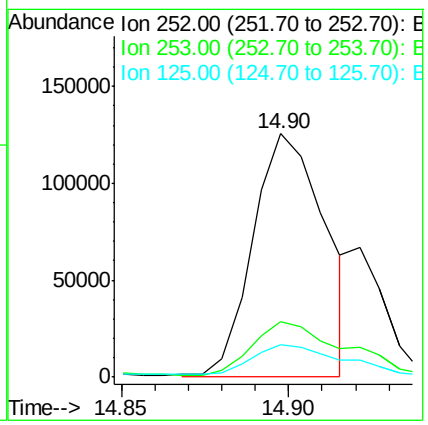
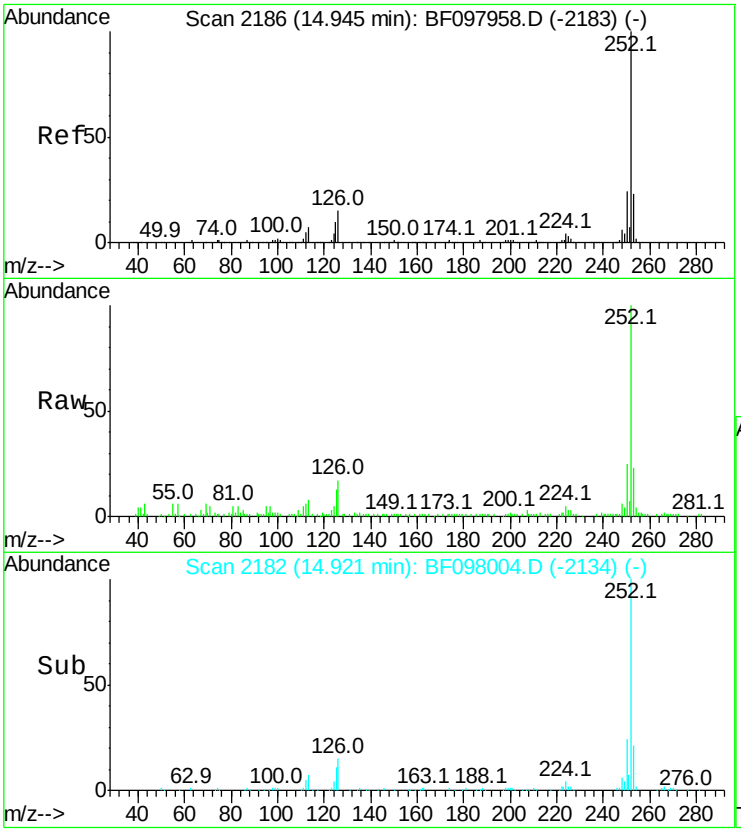


#87
Benzo(b)fluoranthene
Concen: 12.474 ng m
RT: 14.90 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BF098004.D
Acq: 24 Aug 2017 16:18

Tgt Ion:252 Resp: 188947

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	13.5	9.8	14.8

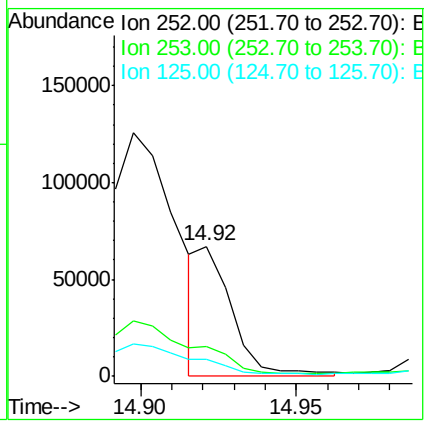




#88
Benzo(k)fluoranthene
Concen: 3.578 ng m
RT: 14.92 min Scan# 2182
Delta R.T. -0.02 min
Lab File: BF098004.D
Acq: 24 Aug 2017 16:18

Tgt Ion:252 Resp: 50922

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.4	27.6
125	13.0	13.1	19.7#



Instrument :
BNA_F
ClientSampleId :
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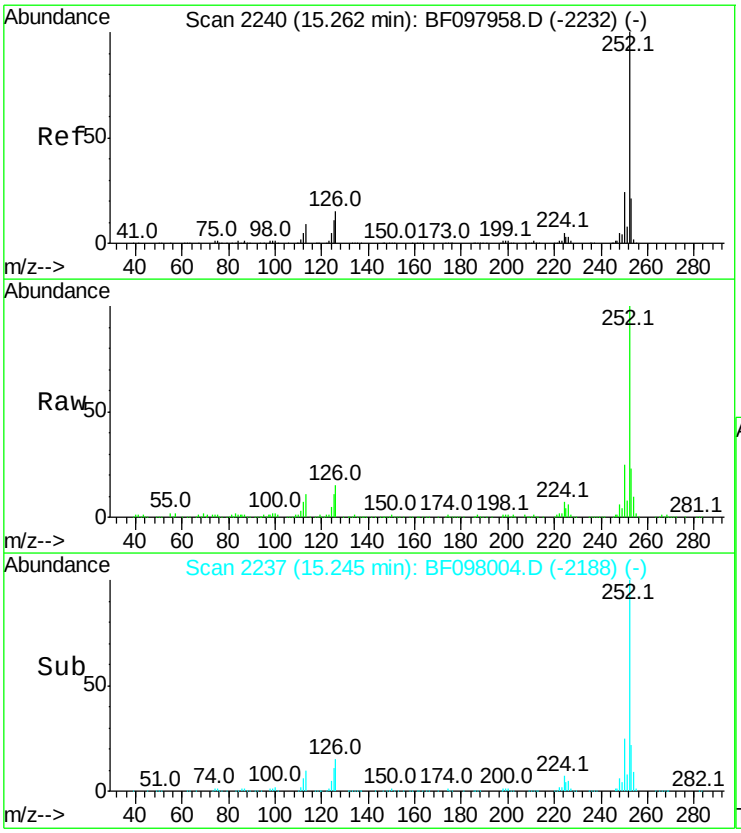
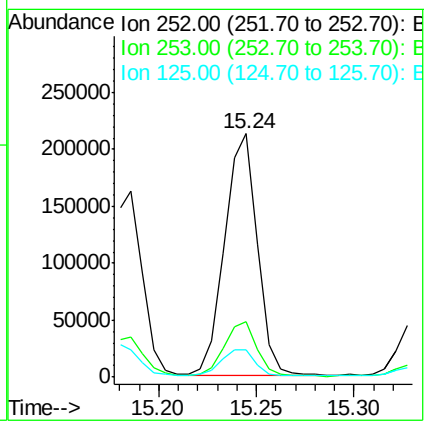
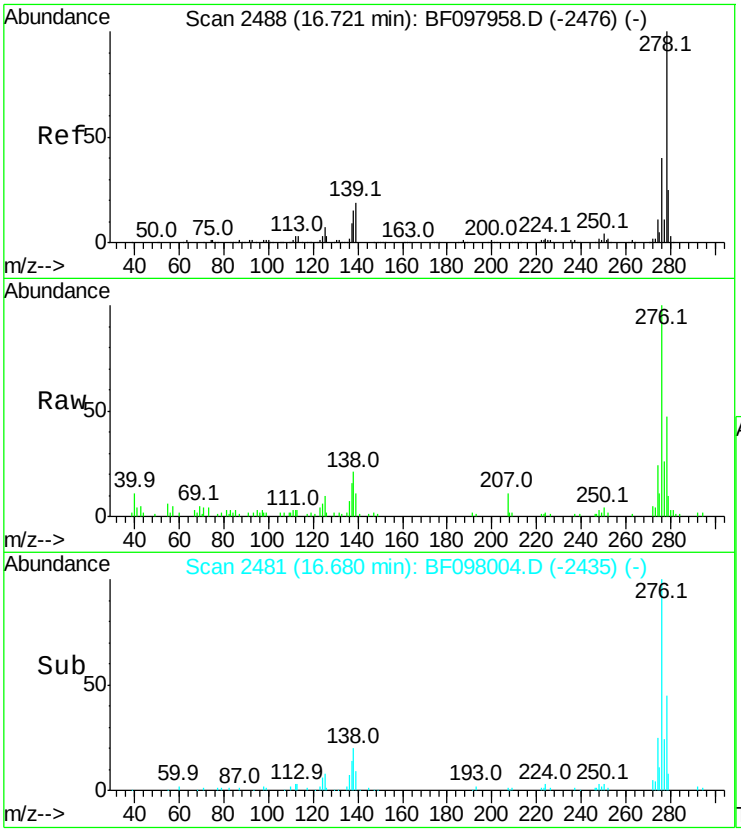


#89
Benzo(a)pyrene
Concen: 18.362 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF098004.D
Acq: 24 Aug 2017 16:18

Tgt Ion:252 Resp: 246226

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	11.4	11.0	16.4

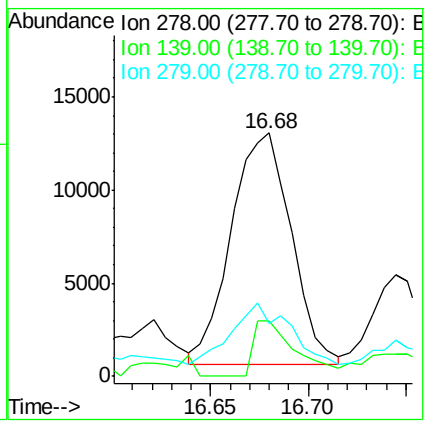




#90
Dibenzo(a,h)anthracene
Concen: 2.420 ng
RT: 16.68 min Scan# 2481
Delta R.T. -0.03 min
Lab File: BF098004.D
Acq: 24 Aug 2017 16:18

Tgt Ion:278 Resp: 26419

Ion	Ratio	Lower	Upper
278	100		
139	22.7	16.6	24.8
279	21.9	19.3	28.9



Instrument :
BNA_F
ClientSampleId :
HY-MW115-SO

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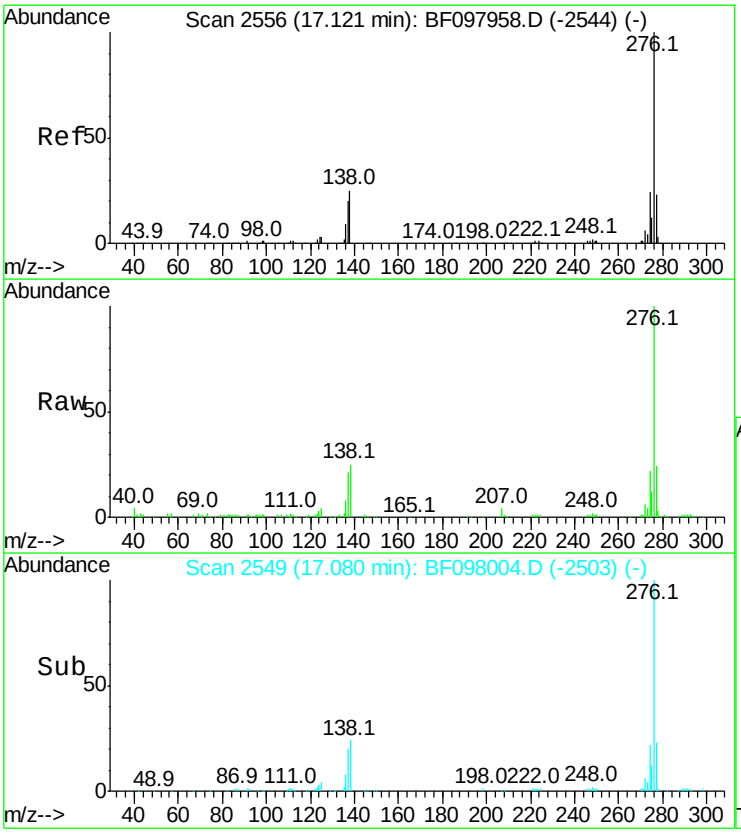

#91
Benzo(g,h,i)perylene
Concen: 14.422 ng m
RT: 17.08 min Scan# 2549
Delta R.T. -0.03 min
Lab File: BF098004.D
Acq: 24 Aug 2017 16:18

Tgt Ion:276 Resp: 164280

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	28.0
138	24.9	25.4	38.0#