Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
Data File : BF097489.D
Acq On : 9 Aug 2017 00:55
Operator : SJ/JU
Sample : I4657-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-080717-C

Manual Integrations APPROVED
Sohil
8/9/2017 7:16:41 PM

Quant Time: Aug 09 16:40:55 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 16:02:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	106817	20.00	ng		0.00
21) Naphthalene-d8	7.69	136	397026	20.00	ng		-0.01
38) Acenaphthene-d10	9.43	164	164895	20.00	ng		0.00
63) Phenanthrene-d10	10.90	188	217126	20.00	ng		-0.01
75) Chrysene-d12	13.53	240	177552	20.00	ng		0.00
86) Perylene-d12	14.87	264	130436	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.00	112	616333	86.98	ng		0.00
7) Phenol-d6	6.08	99	750100	92.73	ng		0.00
23) Nitrobenzene-d5	6.98	82	379140	56.02	ng		-0.01
41) 2,4,6-Tribromophenol	10.22	330	100319	77.00	ng		-0.01
44) 2-Fluorobiphenyl	8.77	172	539314	55.51	ng		0.00
78) Terphenyl-d14	12.49	244	308148	35.39	ng		-0.01
Target Compounds							Qvalue
48) Acenaphthylene	9.30	152	31989	2.011	ng		96
49) Dimethylphthalate	9.17	163	159625	12.748	ng		99
57) Fluorene	9.98	166	28476	3.035	ng		96
70) Phenanthrene	10.93	178	180610	15.525	ng		98
71) Anthracene	10.98	178	59565	4.999	ng		99
74) Fluoranthene	12.11	202	236858	20.782	ng		98
77) Pyrene	12.33	202	245725	16.905	ng		99
80) Benzo(a)anthracene	13.52	228	89822	7.819	ng		95
82) Chrysene	13.56	228	89559	7.984	ng		96
85) Indeno(1,2,3-cd)pyrene	16.07	276	26138	2.717	ng	#	91
87) Benzo(b)fluoranthene	14.53	252	85953m	10.962	ng		
88) Benzo(k)fluoranthene	14.55	252	23378m	3.129	ng		
89) Benzo(a)pyrene	14.83	252	59889	8.346	ng	#	95
91) Benzo(g,h,i)perylene	16.43	276	31072	5.035	ng	#	90

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

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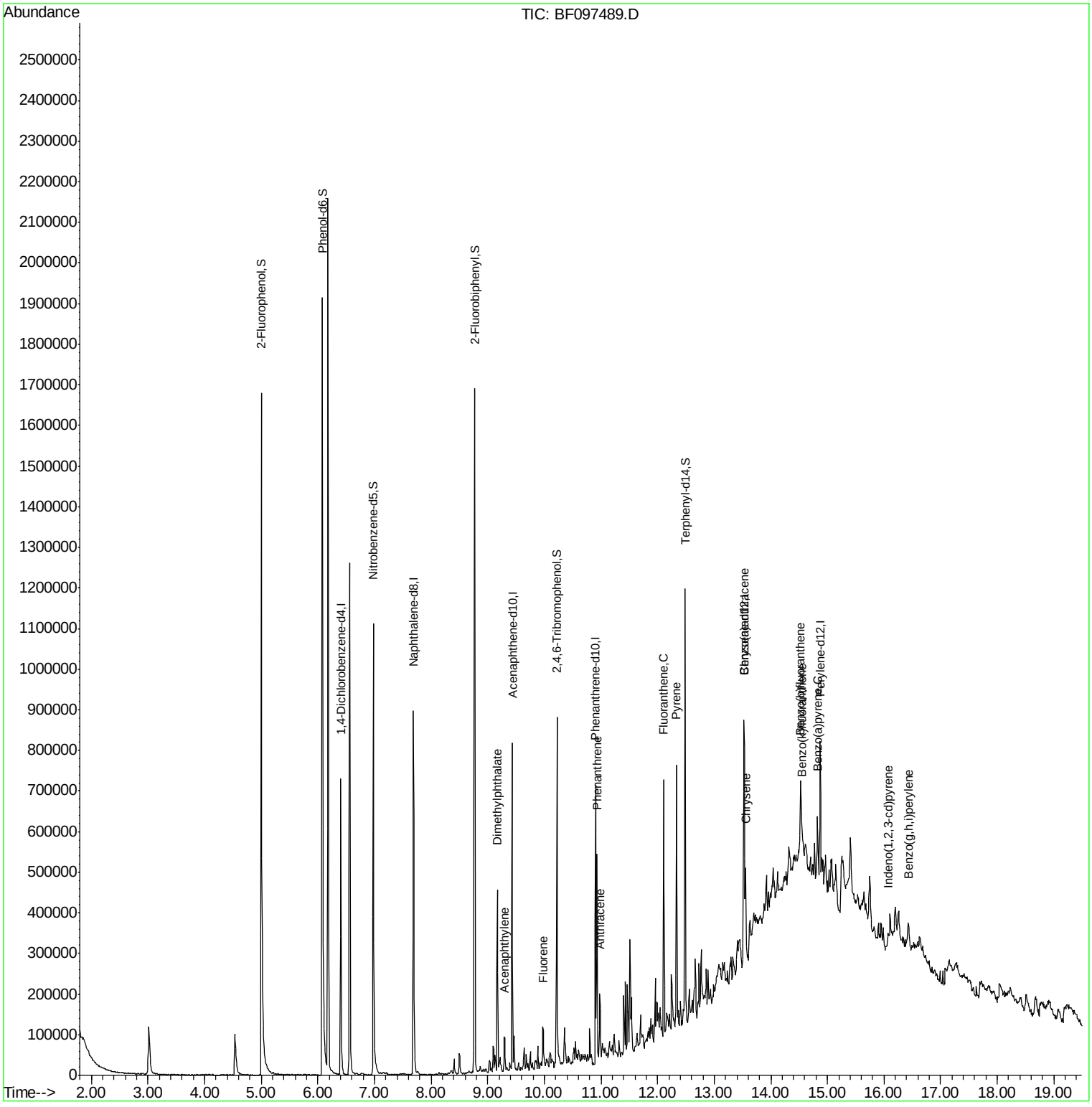
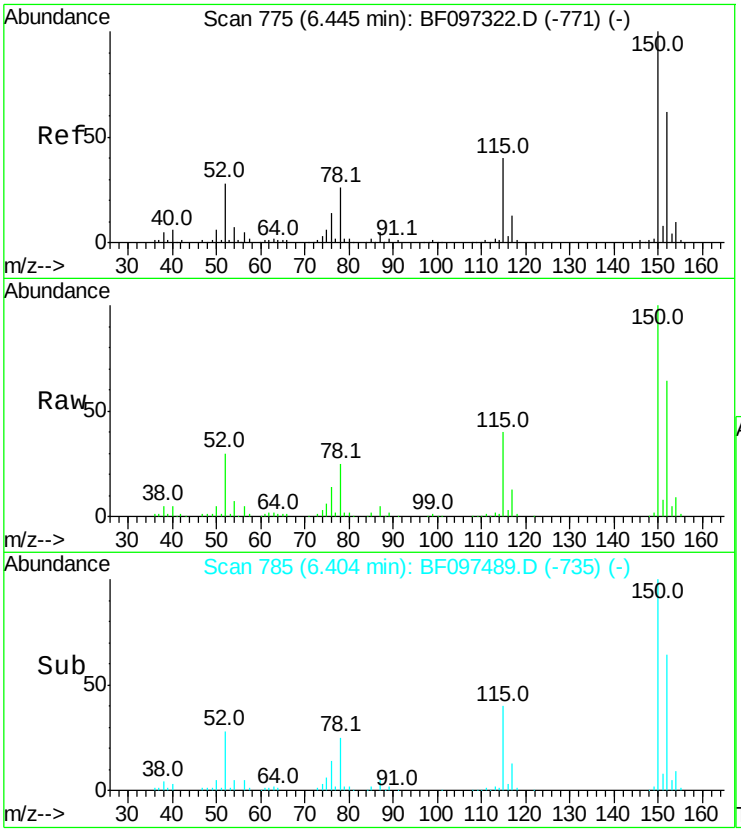
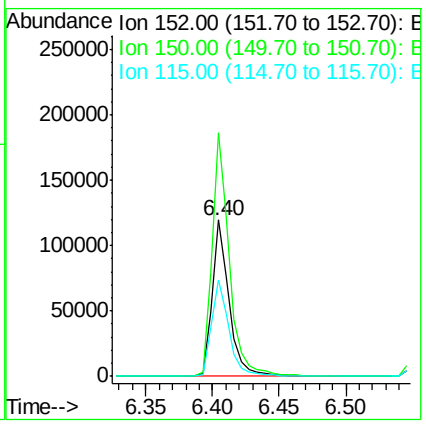




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.40 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Tgt Ion:152 Resp: 106817

Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.2	189.2
115	62.1	52.2	78.2



Instrument :
BNA_F
ClientSampleId :
CL-01-080717-C

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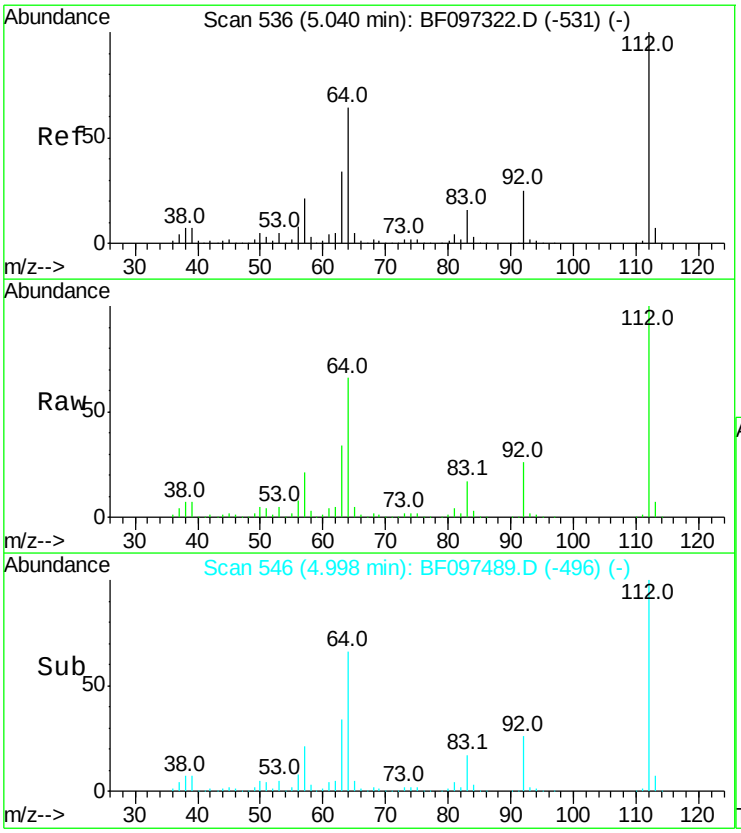
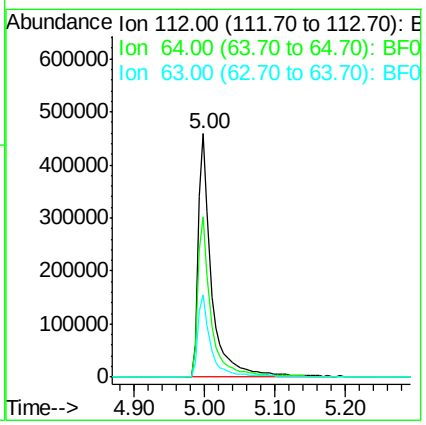
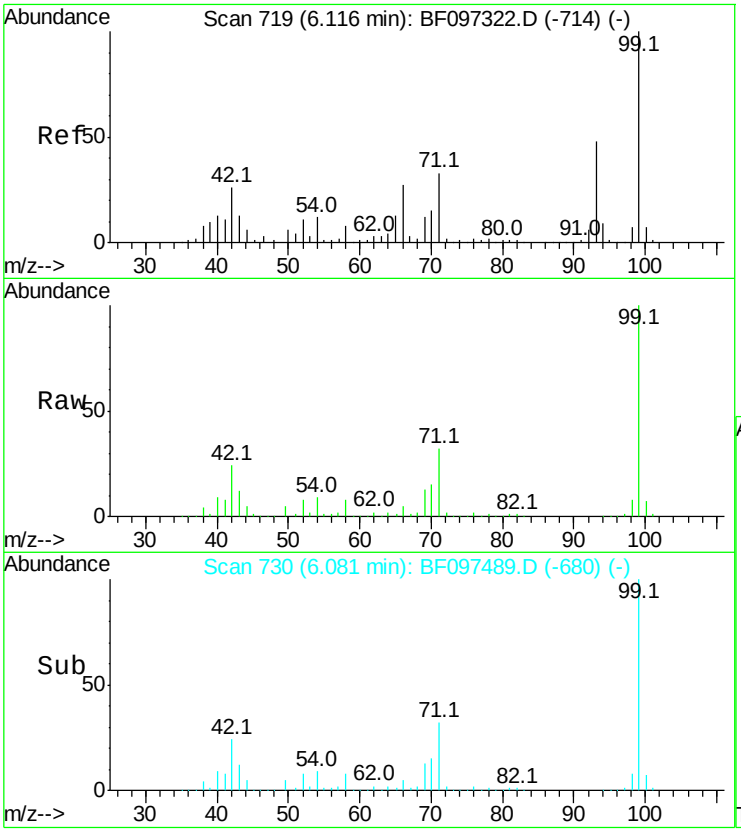


#5
2-Fluorophenol
Concen: 86.982 ng
RT: 5.00 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Tgt Ion:112 Resp: 616333

Ion	Ratio	Lower	Upper
112	100		
64	65.8	46.0	69.0
63	33.8	23.4	35.0

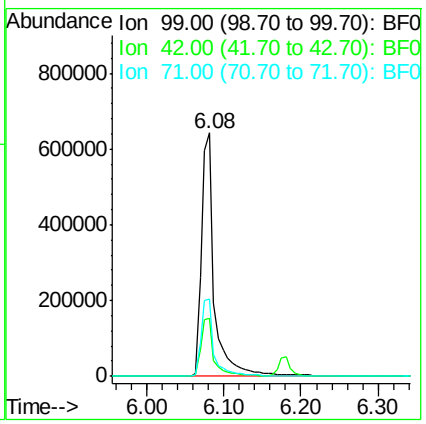




#7
Phenol-d6
Concen: 92.728 ng
RT: 6.08 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Tgt Ion: 99 Resp: 750100

Ion	Ratio	Lower	Upper
99	100		
42	23.6	13.5	20.3#
71	31.9	24.5	36.7



Instrument :
BNA_F
ClientSampleId :
CL-01-080717-C

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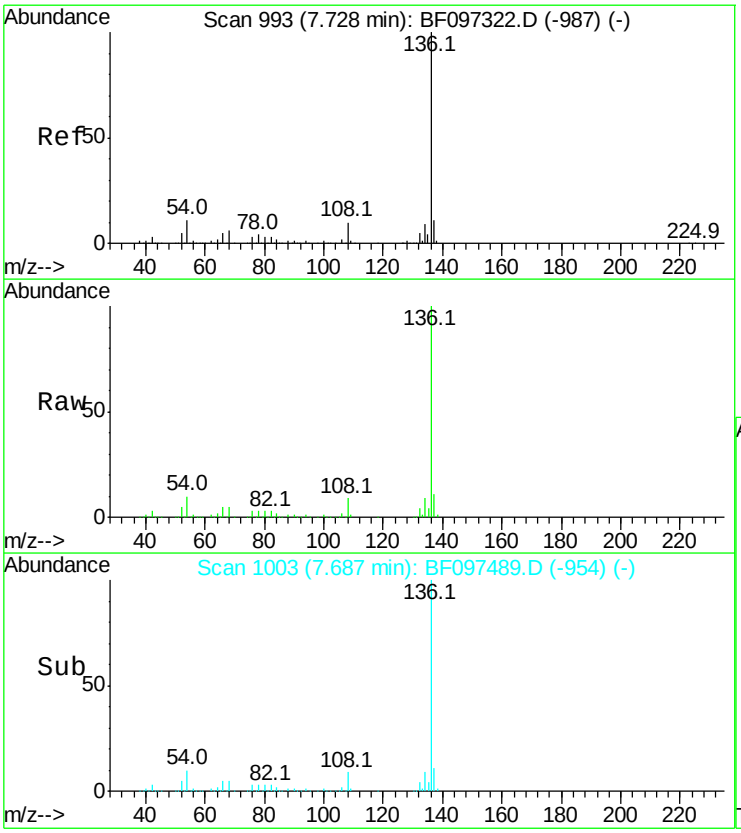
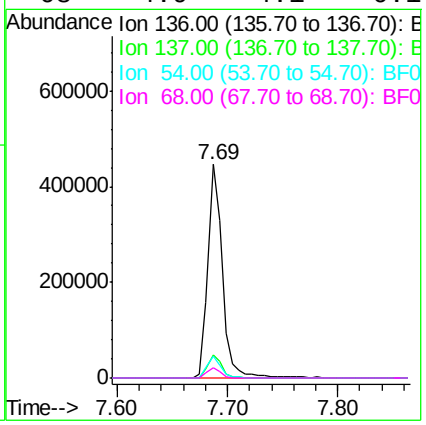
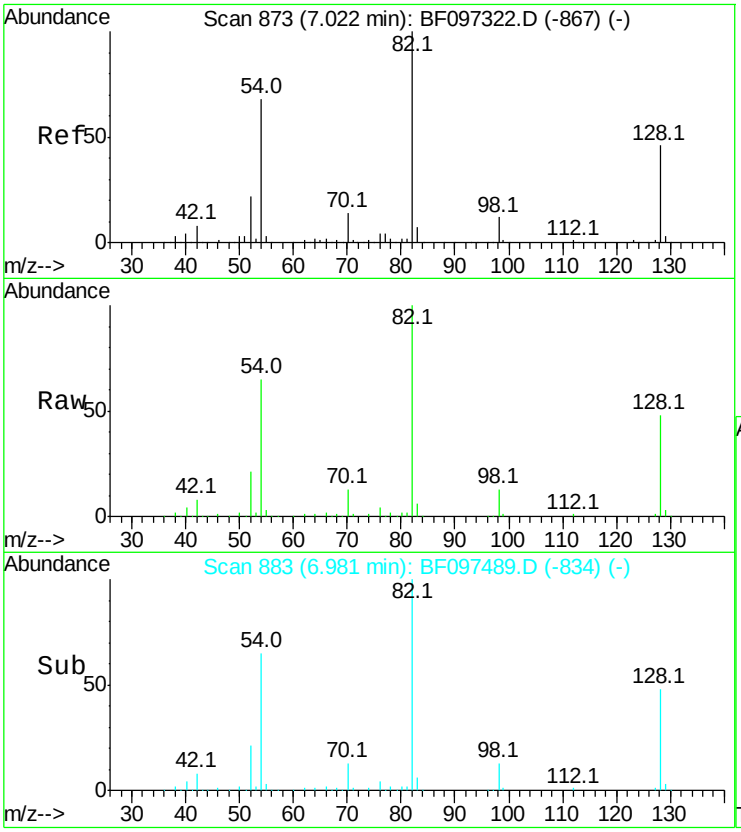


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.69 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Tgt Ion:136 Resp: 397026

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	10.4	4.9	7.3#
68	4.9	4.1	6.1

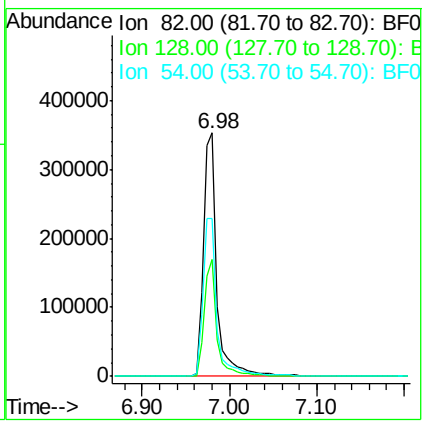




#23
Nitrobenzene-d5
Concen: 56.021 ng
RT: 6.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Tgt Ion: 82 Resp: 379140

Ion	Ratio	Lower	Upper
82	100		
128	48.0	34.0	51.0
54	65.1	42.2	63.2#



Instrument :
BNA_F
ClientSampleId :
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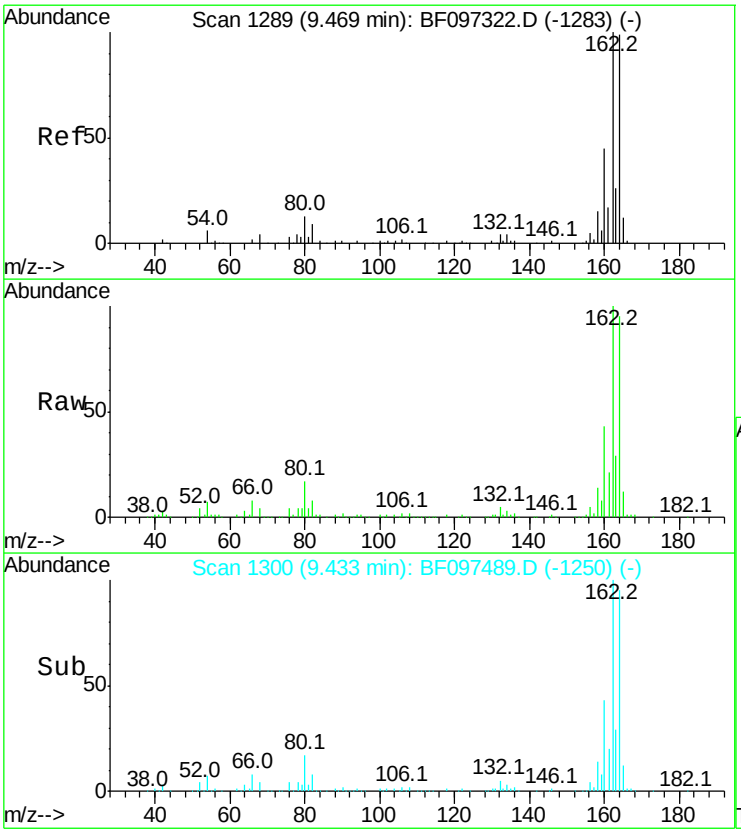
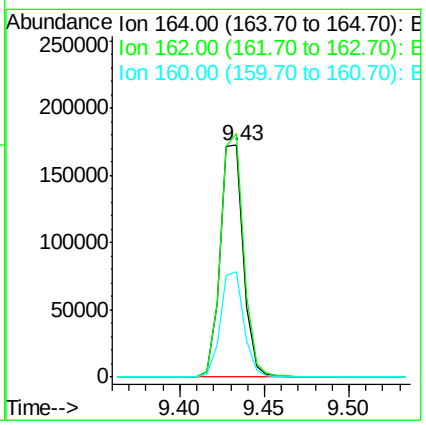
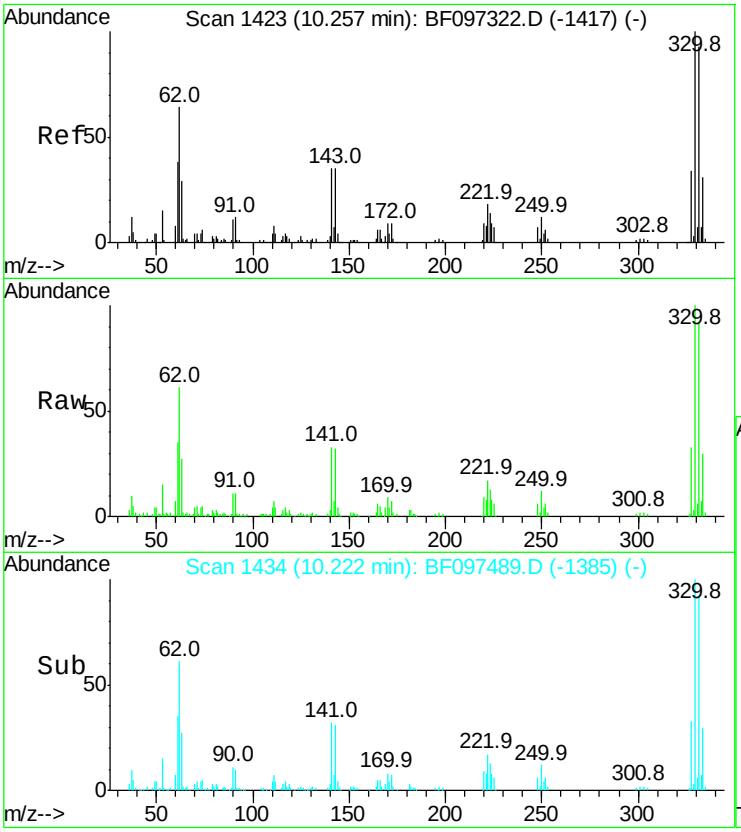


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.43 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Tgt Ion:164 Resp: 164895

Ion	Ratio	Lower	Upper
164	100		
162	105.1	82.6	123.8
160	45.3	36.2	54.2

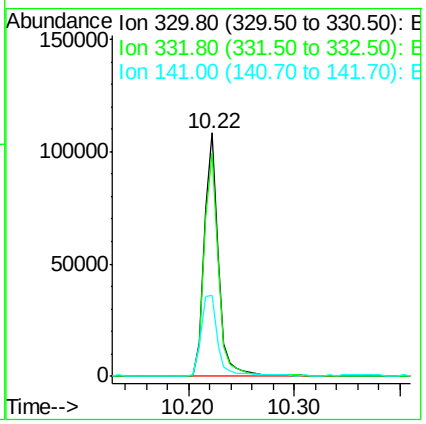




#41
2,4,6-Tribromophenol
Concen: 77.001 ng
RT: 10.22 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Tgt Ion:330 Resp: 100319

Ion	Ratio	Lower	Upper
330	100		
332	93.5	76.6	115.0
141	40.5	31.4	47.2



Instrument :
BNA_F
ClientSampleId :
CL-01-080717-C

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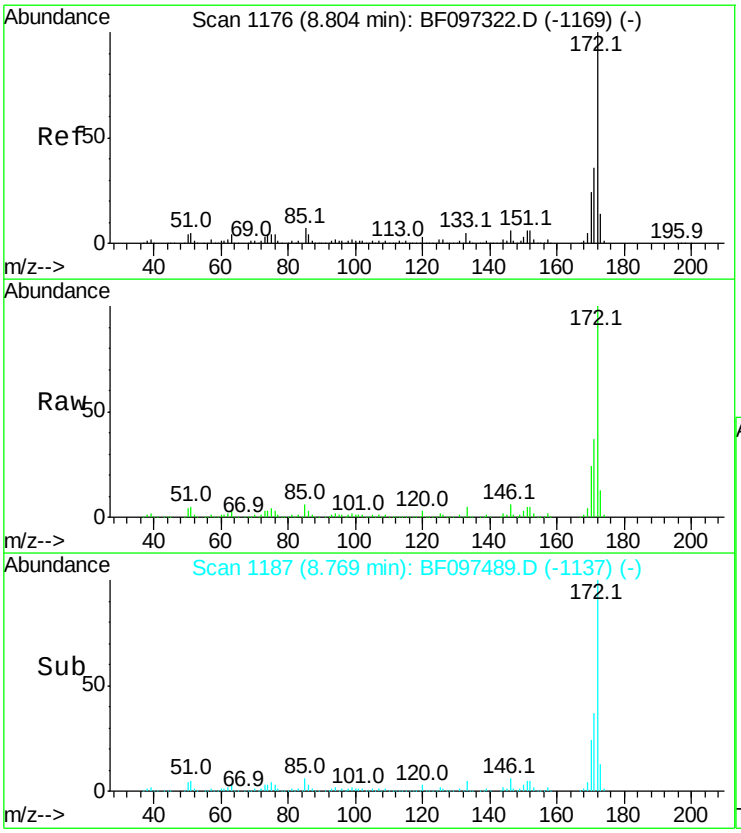
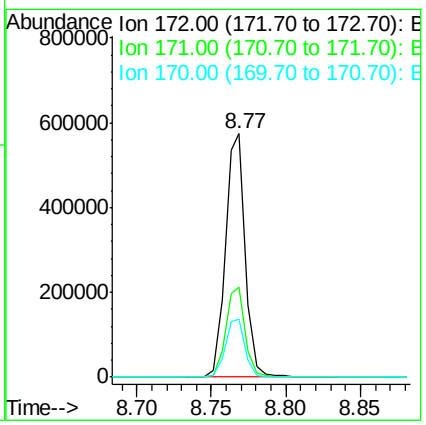
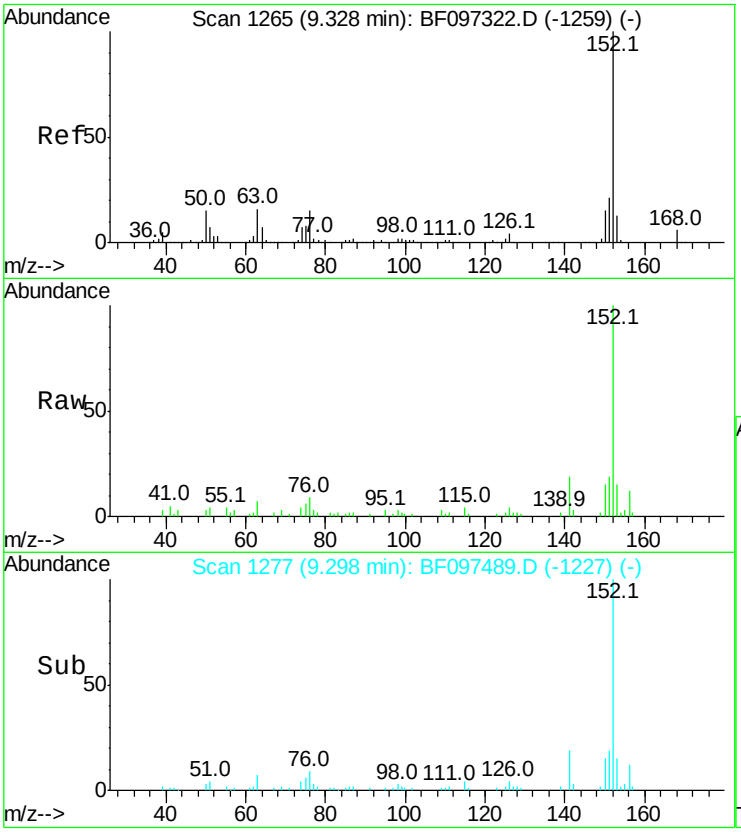


#44
2-Fluorobiphenyl
Concen: 55.506 ng
RT: 8.77 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Tgt Ion:172 Resp: 539314

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.0	19.8	29.8

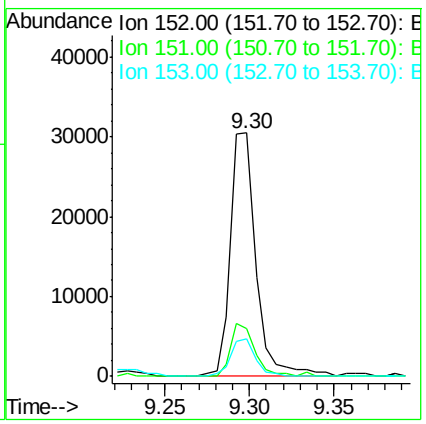




#48
Acenaphthylene
Concen: 2.011 ng
RT: 9.30 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Tgt Ion:152 Resp: 31989

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.8	25.2
153	15.5	10.8	16.2



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ClientSampleId :
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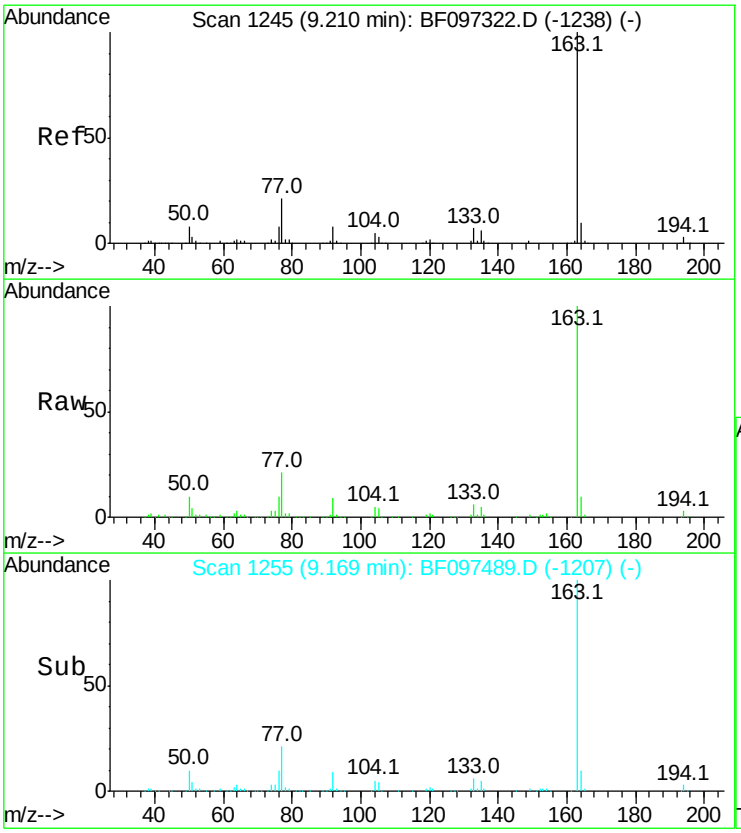
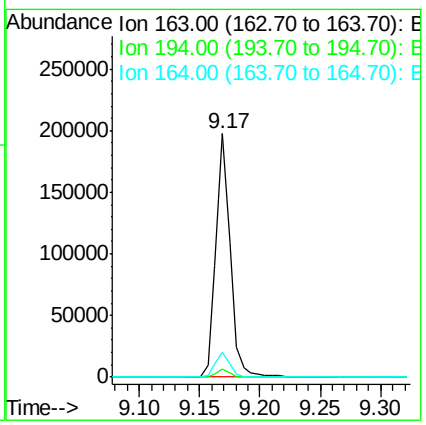
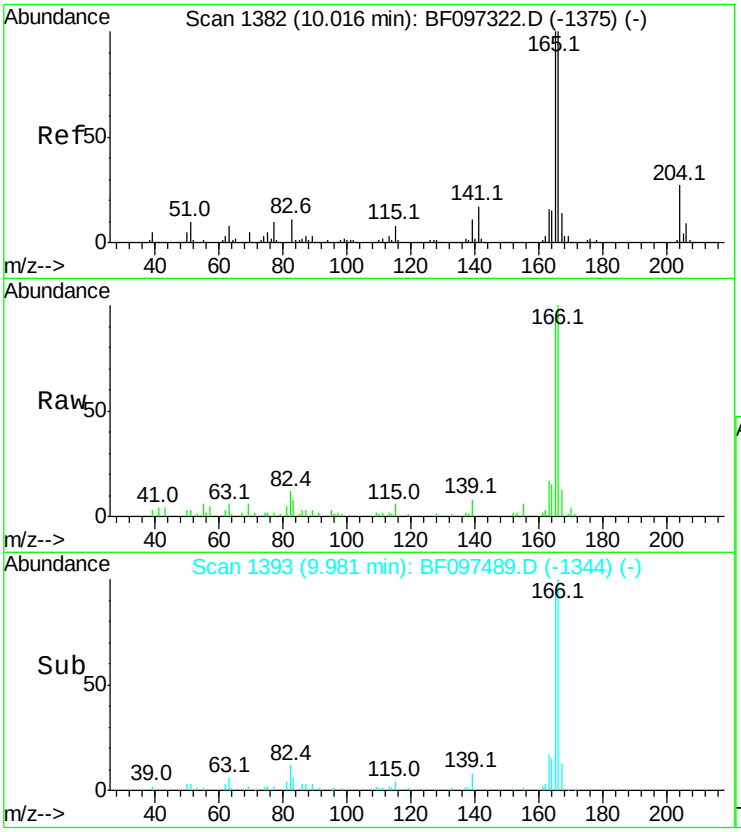


#49
Dimethylphthalate
Concen: 12.748 ng
RT: 9.17 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Tgt Ion:163 Resp: 159625

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.1	8.4	12.6

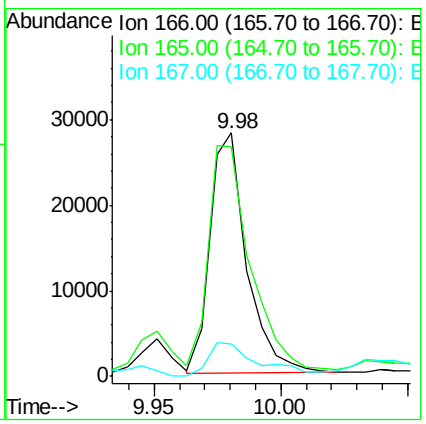




#57
Fluorene
Concen: 3.035 ng
RT: 9.98 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Tgt Ion:166 Resp: 28476

Ion	Ratio	Lower	Upper
166	100		
165	94.5	78.8	118.2
167	13.3	10.6	16.0



Instrument :
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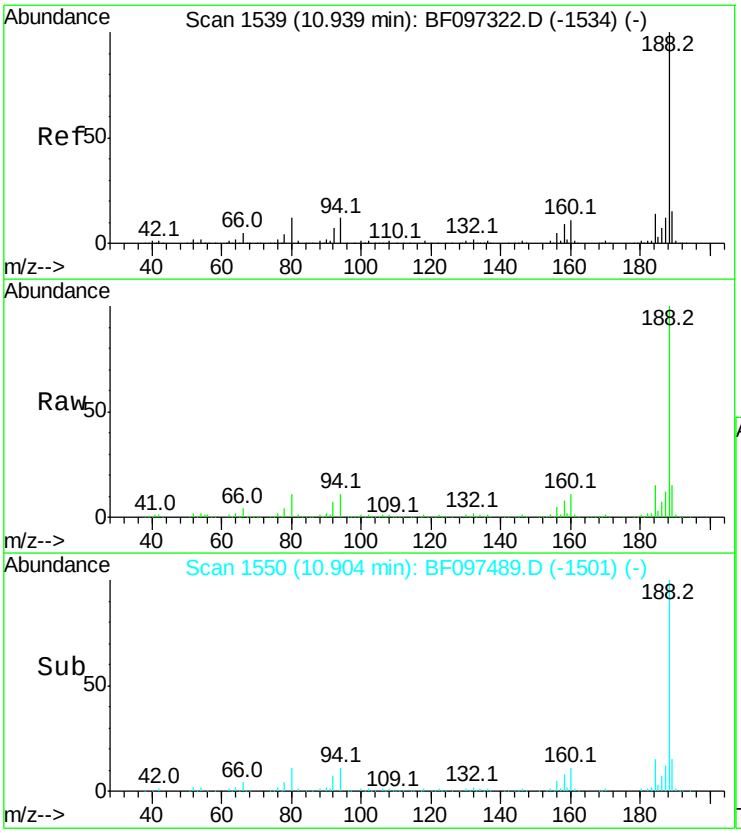
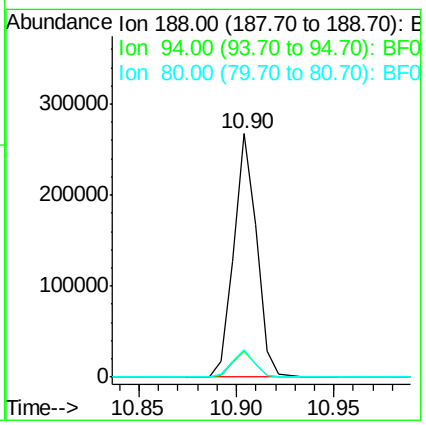
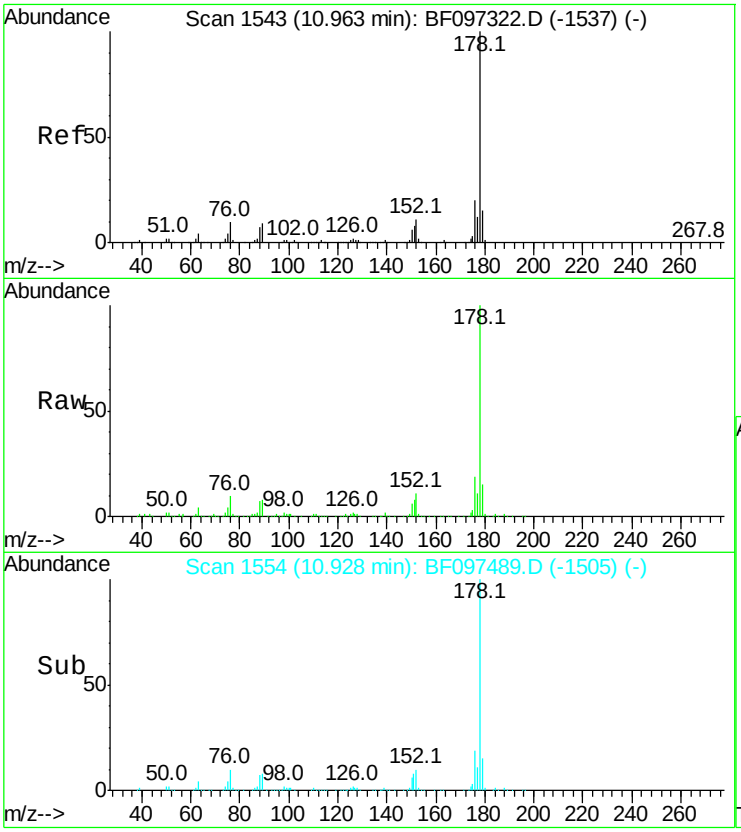


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.90 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Tgt Ion:188 Resp: 217126

Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.4	14.2
80	11.0	10.2	15.2

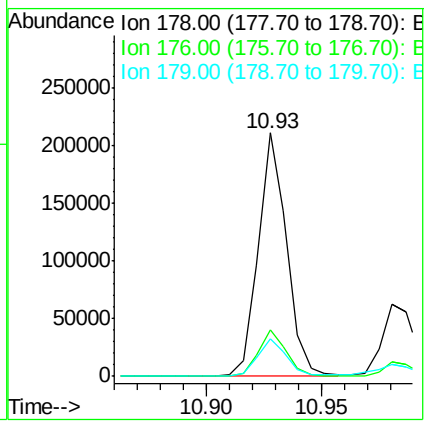




#70
Phenanthrene
Concen: 15.525 ng
RT: 10.93 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Tgt Ion:178 Resp: 180610

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	15.2	12.6	19.0



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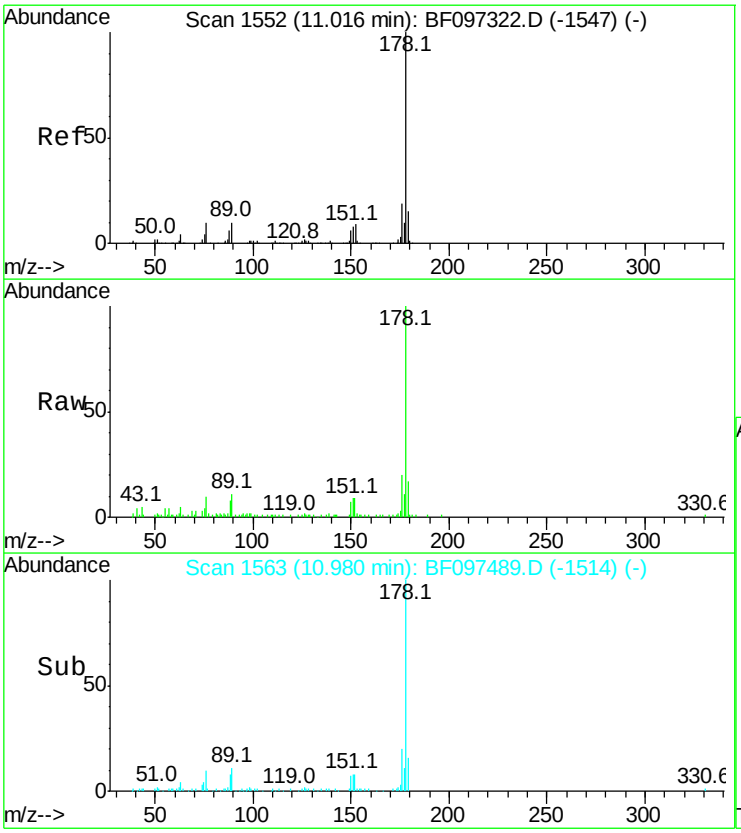
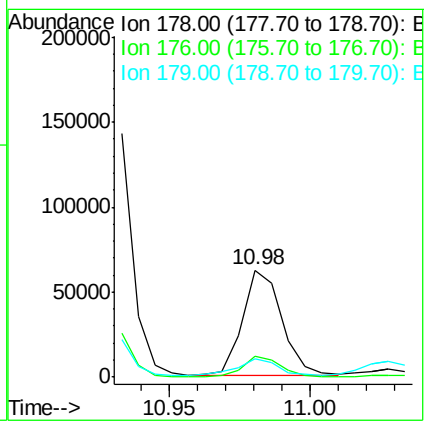
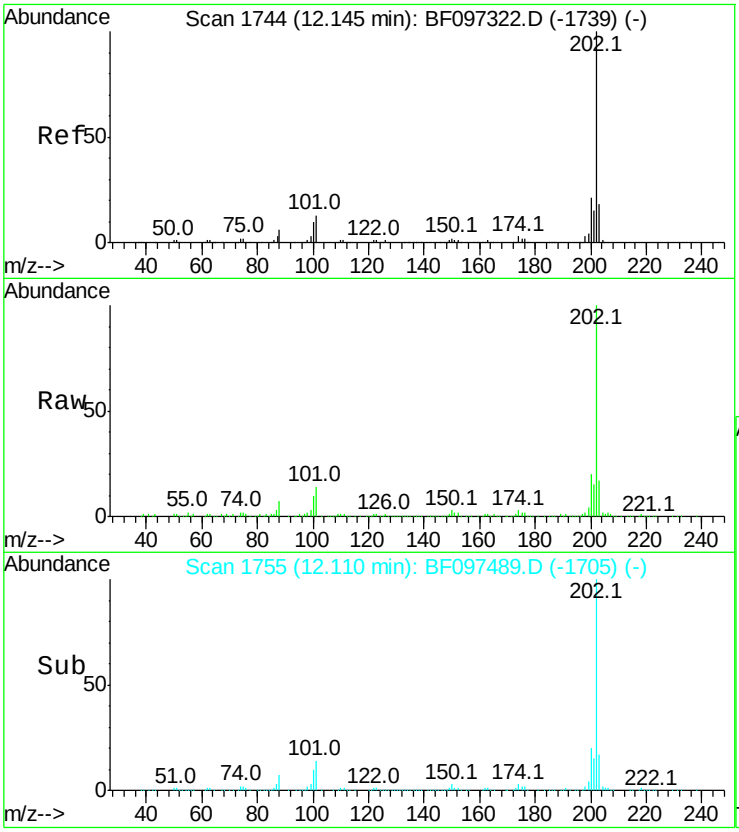


#71
Anthracene
Concen: 4.999 ng
RT: 10.98 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Tgt Ion:178 Resp: 59565

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	17.3	12.7	19.1

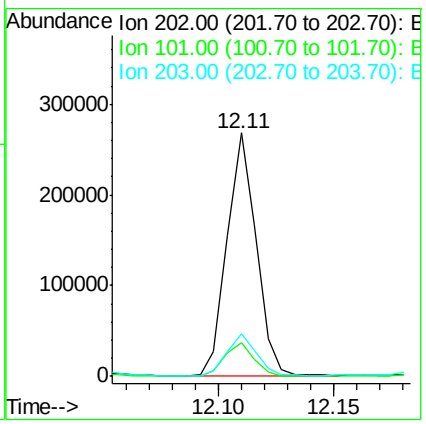




#74
Fluoranthene
Concen: 20.782 ng
RT: 12.11 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Tgt Ion:202 Resp: 236858

Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	33.2
203	17.4	0.0	38.1



Instrument :
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CL-01-080717-C

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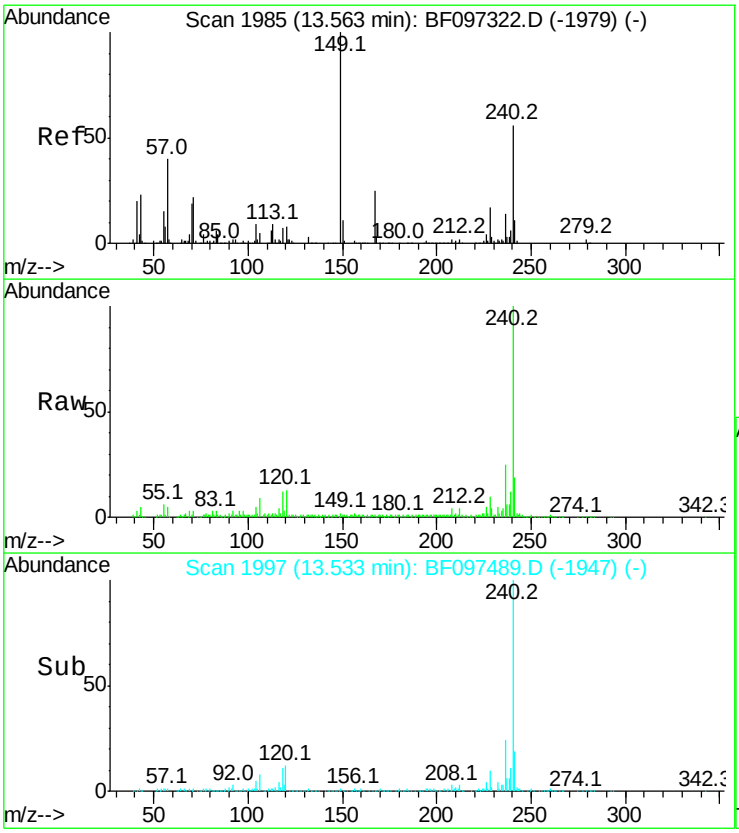
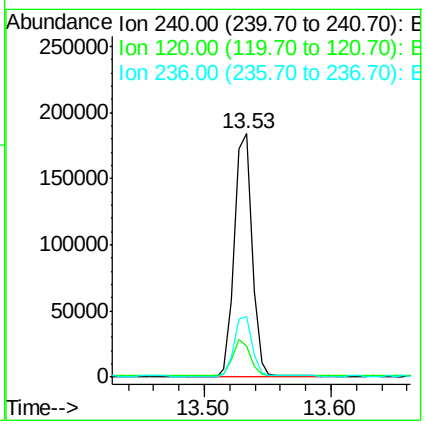
8/9/2017 7:16:41 PM

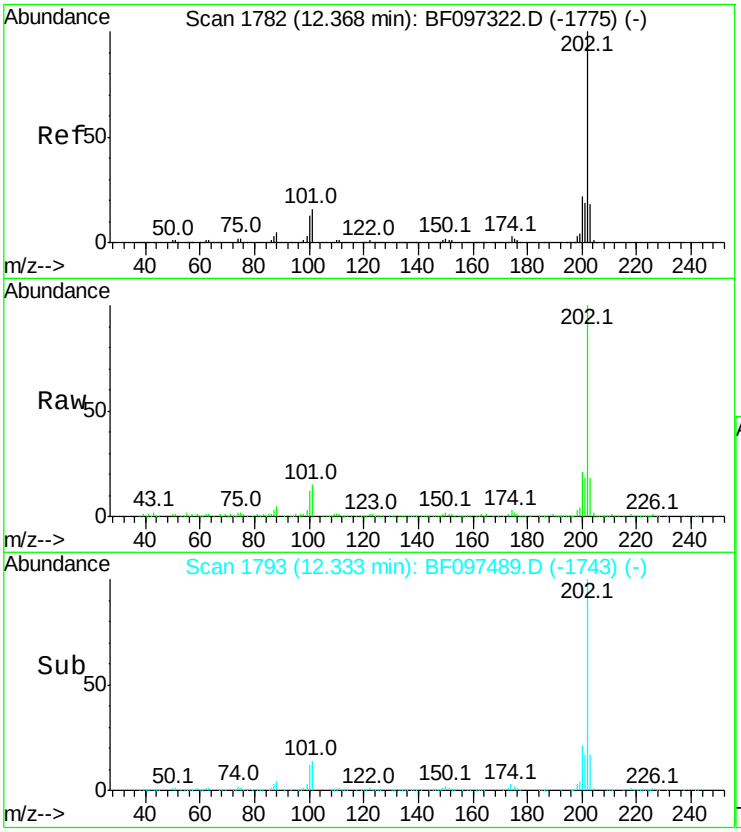


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.53 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Tgt Ion:240 Resp: 177552

Ion	Ratio	Lower	Upper
240	100		
120	12.6	5.8	8.8#
236	24.8	20.5	30.7

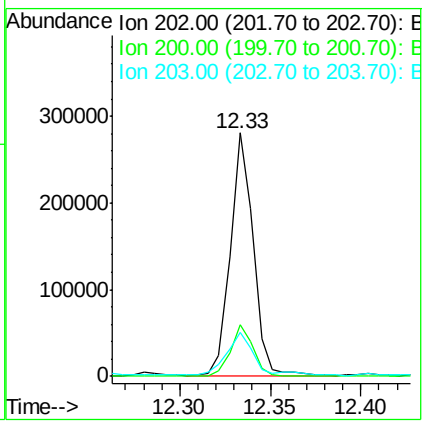




#77
Pyrene
Concen: 16.905 ng
RT: 12.33 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Tgt Ion:202 Resp: 245725

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.6	26.4
203	18.2	14.4	21.6



Instrument :
BNA_F
ClientSampleId :
CL-01-080717-C

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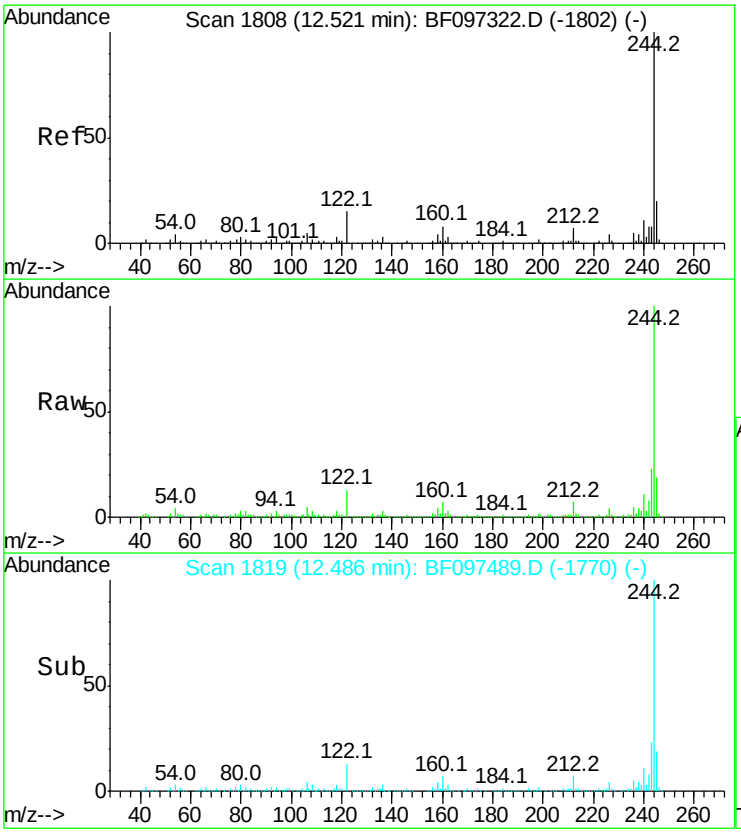
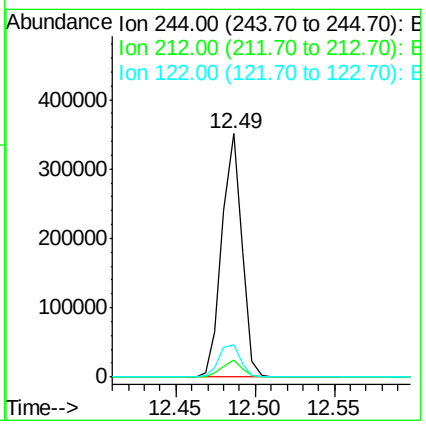
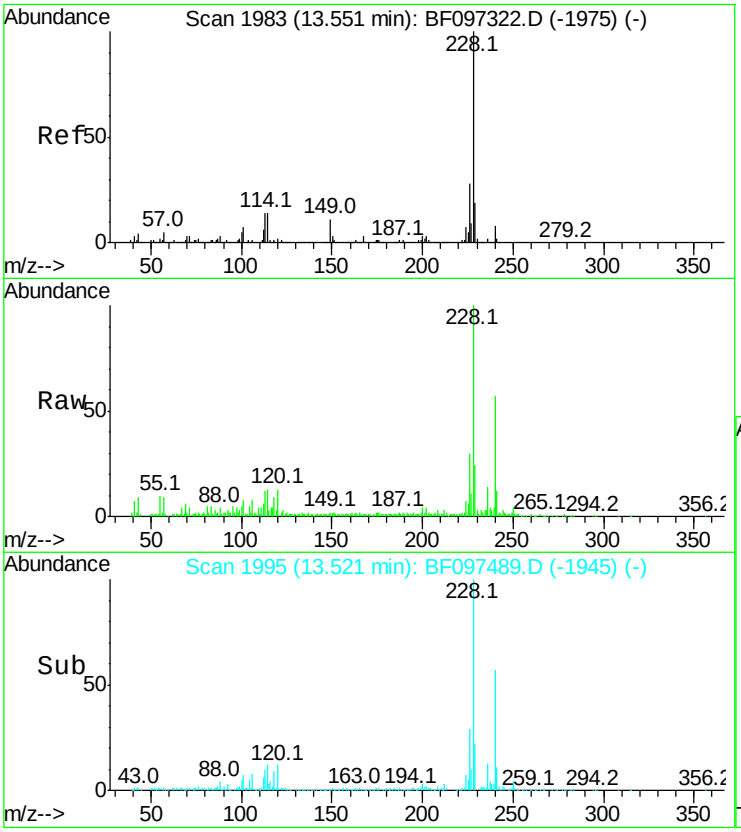


#78
Terphenyl-d14
Concen: 35.385 ng
RT: 12.49 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Tgt Ion:244 Resp: 308148

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	13.4	10.3	15.5

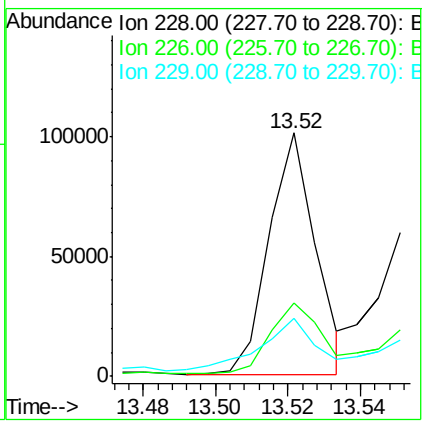




#80
Benzo(a)anthracene
Concen: 7.819 ng
RT: 13.52 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Tgt Ion:228 Resp: 89822

Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.6	33.8
229	23.7	16.3	24.5



Instrument :
BNA_F
ClientSampleId :
CL-01-080717-C

Manual Integrations APPROVED
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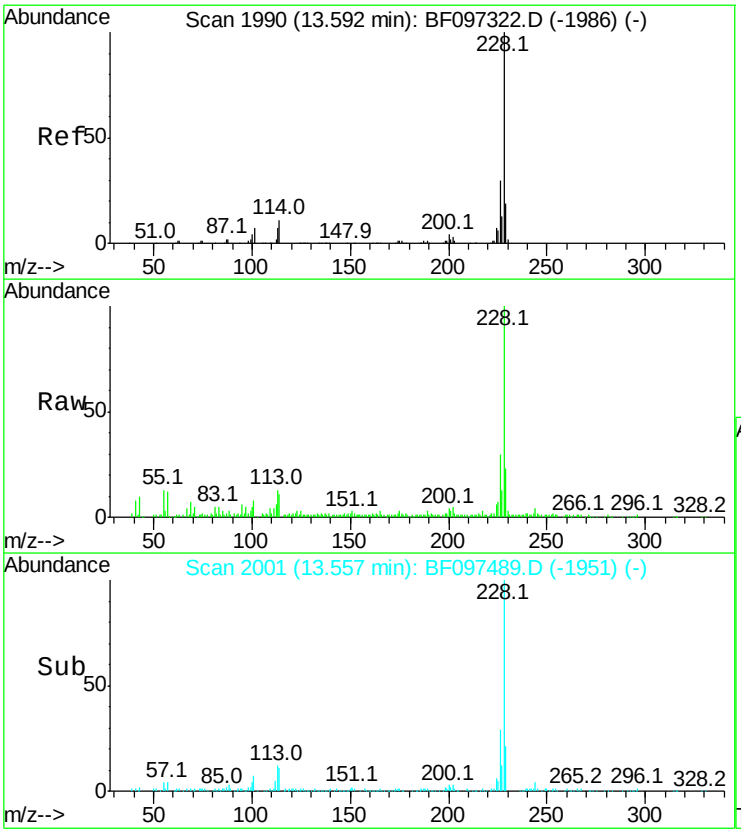
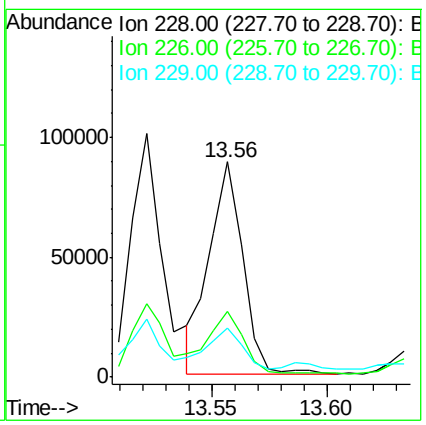
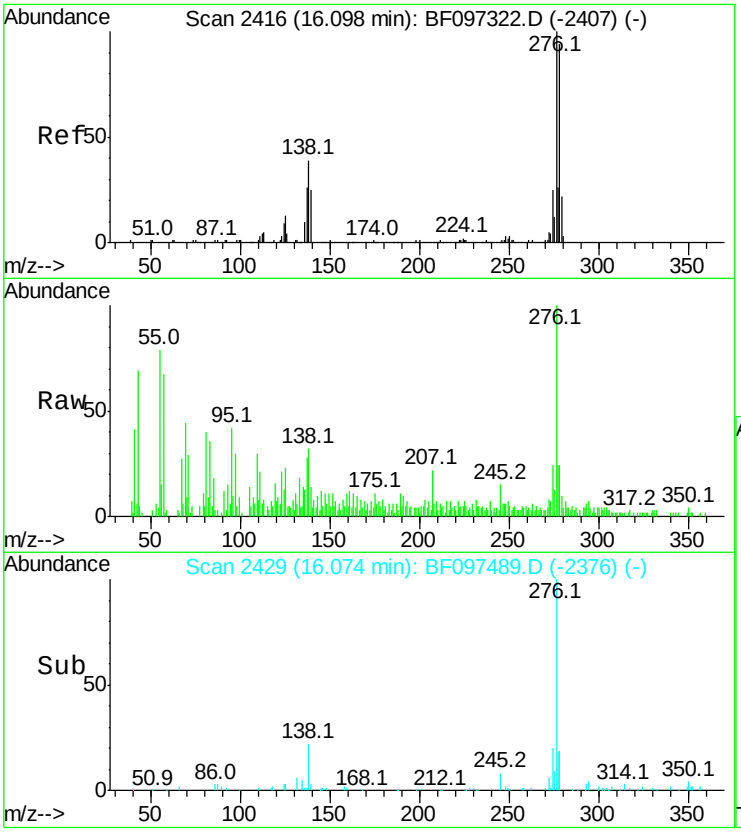


#82
Chrysene
Concen: 7.984 ng
RT: 13.56 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Tgt Ion:228 Resp: 89559

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	23.1	15.8	23.6





#85
Indeno(1,2,3-cd)pyrene
Concen: 2.717 ng
RT: 16.07 min Scan# 2429
Delta R.T. 0.01 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Tgt Ion:276 Resp: 26138

Ion	Ratio	Lower	Upper
276	100		
138	26.1	27.8	41.6#
277	24.5	20.2	30.4

Instrument :
BNA_F
ClientSampleId :
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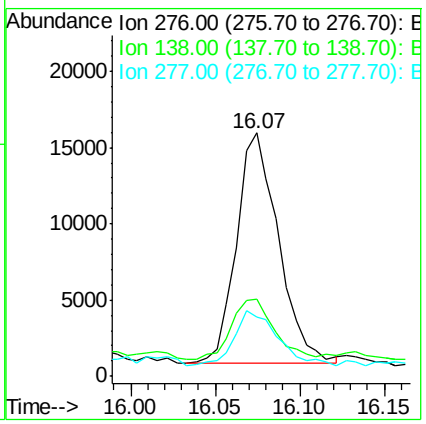
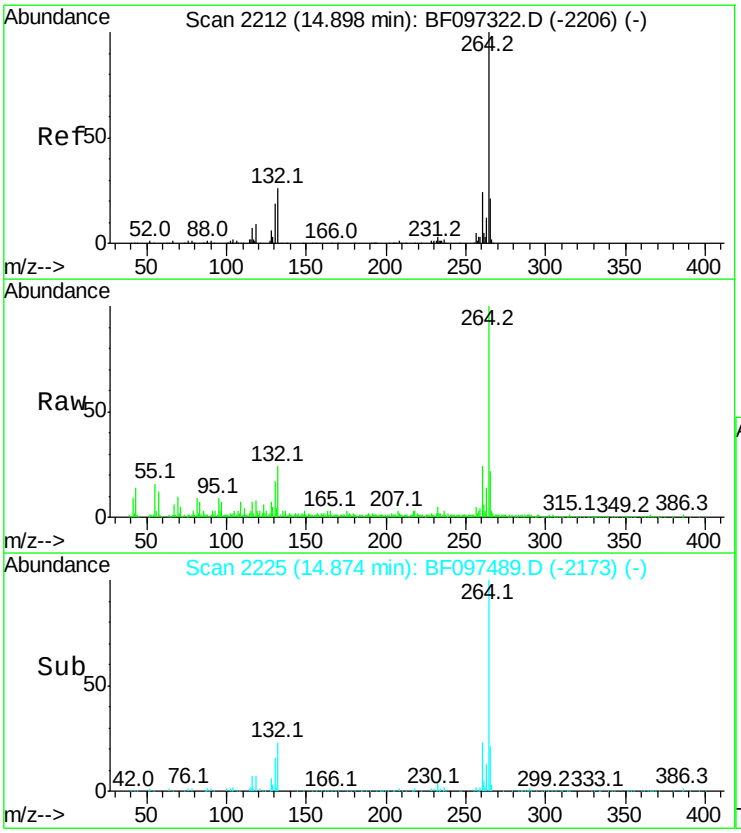
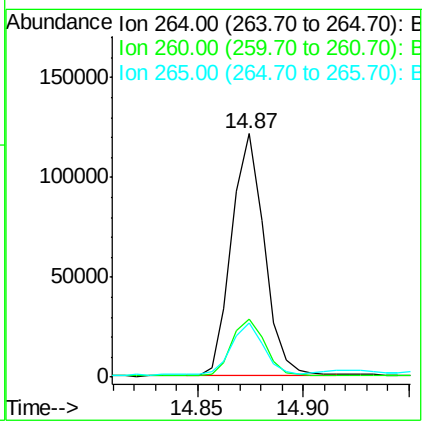


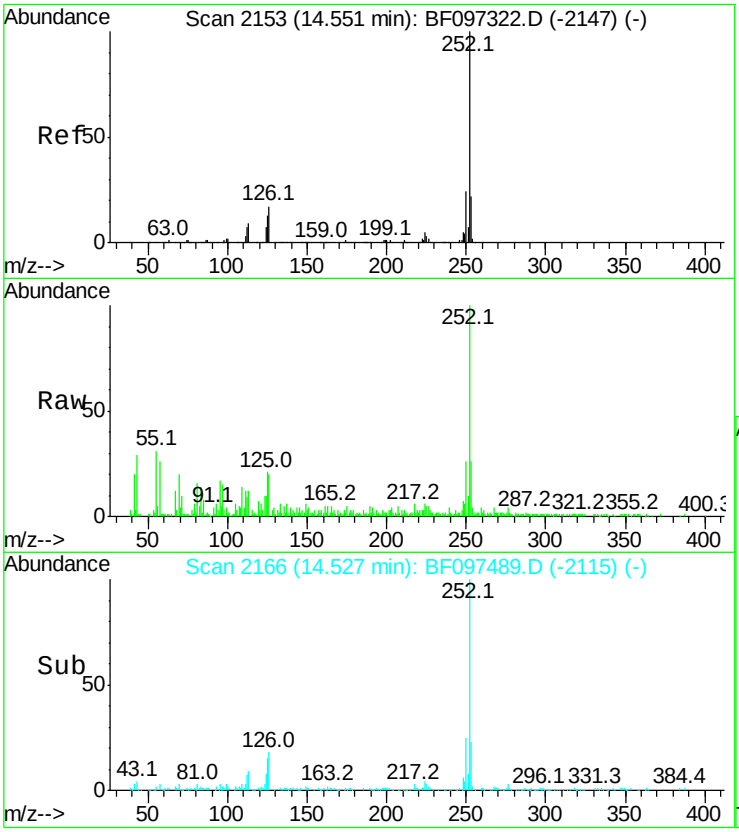


#86
Perylene-d12
Concen: 20.000 ng
RT: 14.87 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Tgt Ion:264 Resp: 130436

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	22.2	17.2	25.8

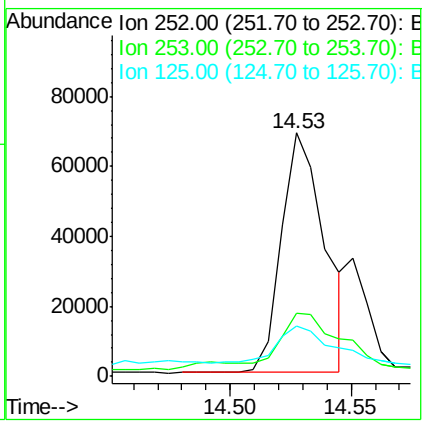




#87
Benzo(b)fluoranthene
Concen: 10.962 ng m
RT: 14.53 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Tgt Ion:252 Resp: 85953

Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.1	27.1
125	20.6	9.8	14.8#



Instrument :
BNA_F
ClientSampleId :
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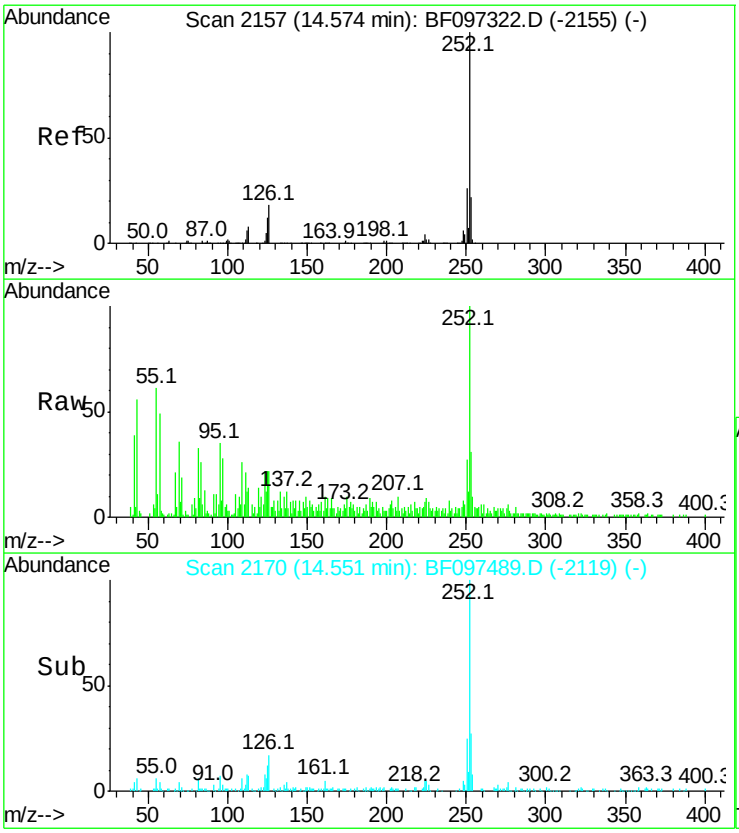
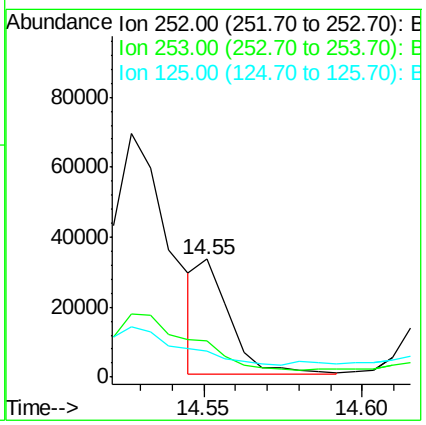
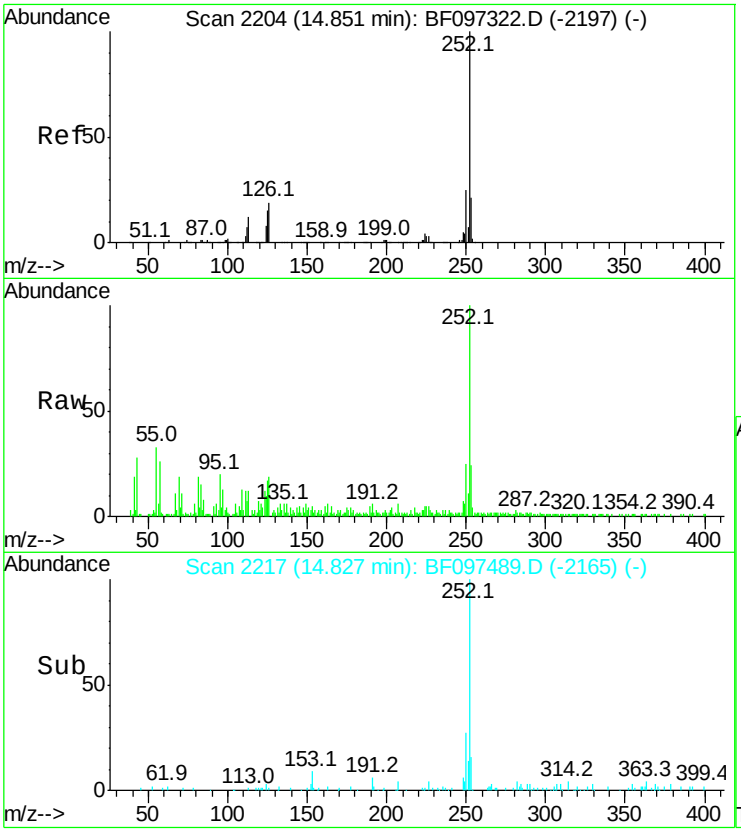


#88
Benzo(k)fluoranthene
Concen: 3.129 ng m
RT: 14.55 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Tgt Ion:252 Resp: 23378

Ion	Ratio	Lower	Upper
252	100		
253	30.6	18.4	27.6#
125	22.3	13.1	19.7#





#89
Benzo(a)pyrene
Concen: 8.346 ng
RT: 14.83 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Tgt Ion:252 Resp: 59889

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.5	26.3
125	16.7	11.0	16.4#

Instrument :
BNA_F
ClientSampleId :
CL-01-080717-C

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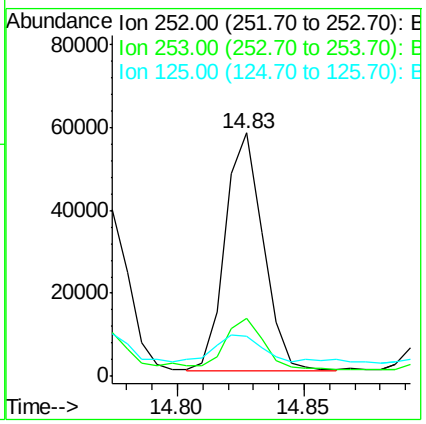

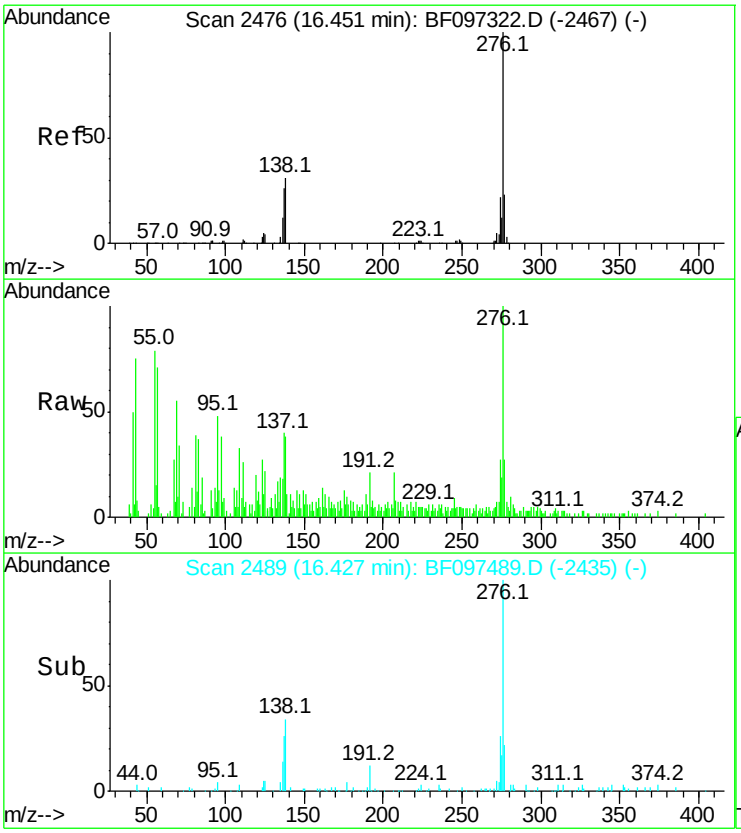

#91
Benzo(g,h,i)perylene
Concen: 5.035 ng
RT: 16.43 min Scan# 2489
Delta R.T. 0.02 min
Lab File: BF097489.D
Acq: 9 Aug 2017 00:55

Tgt Ion:276 Resp: 31072

Ion	Ratio	Lower	Upper
276	100		
277	26.7	18.6	28.0
138	38.5	25.4	38.0#