Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
Data File : BF097167.D
Acq On : 28 Jul 2017 21:26
Operator : SJ/JU
Sample : I4472-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-072617

Manual Integrations APPROVED

Sohil

7/31/2017 6:52:18 PM

Quant Time: Jul 28 23:26:14 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	115810	20.00	ng		-0.01
21) Naphthalene-d8	7.77	136	478168	20.00	ng		-0.02
38) Acenaphthene-d10	9.52	164	183458	20.00	ng		-0.02
63) Phenanthrene-d10	10.99	188	236649	20.00	ng		-0.02
75) Chrysene-d12	13.61	240	205071	20.00	ng		-0.02
86) Perylene-d12	14.96	264	172794	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.09	112	801644	104.35	ng		0.00
7) Phenol-d6	6.15	99	861232	98.20	ng		-0.02
23) Nitrobenzene-d5	7.06	82	582811	71.50	ng		-0.02
41) 2,4,6-Tribromophenol	10.30	330	118877	82.01	ng		-0.02
44) 2-Fluorobiphenyl	8.85	172	730778	67.60	ng		-0.02
78) Terphenyl-d14	12.57	244	415362	41.30	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.16	94	22728	2.185	ng		91
49) Dimethylphthalate	9.25	163	154680	11.103	ng		97
70) Phenanthrene	11.01	178	133367	10.518	ng		96
71) Anthracene	11.06	178	28589	2.201	ng		98
74) Fluoranthene	12.19	202	158115	12.729	ng		96
77) Pyrene	12.42	202	134672	8.022	ng		98
80) Benzo(a)anthracene	13.60	228	63109	4.756	ng		96
82) Chrysene	13.64	228	56888	4.391	ng		95
87) Benzo(b)fluoranthene	14.60	252	69750m	6.715	ng		
89) Benzo(a)pyrene	14.91	252	43053	4.529	ng	#	96
91) Benzo(g,h,i)perylene	16.54	276	18946	2.318	ng		97

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

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Manual Integrations APPROVED

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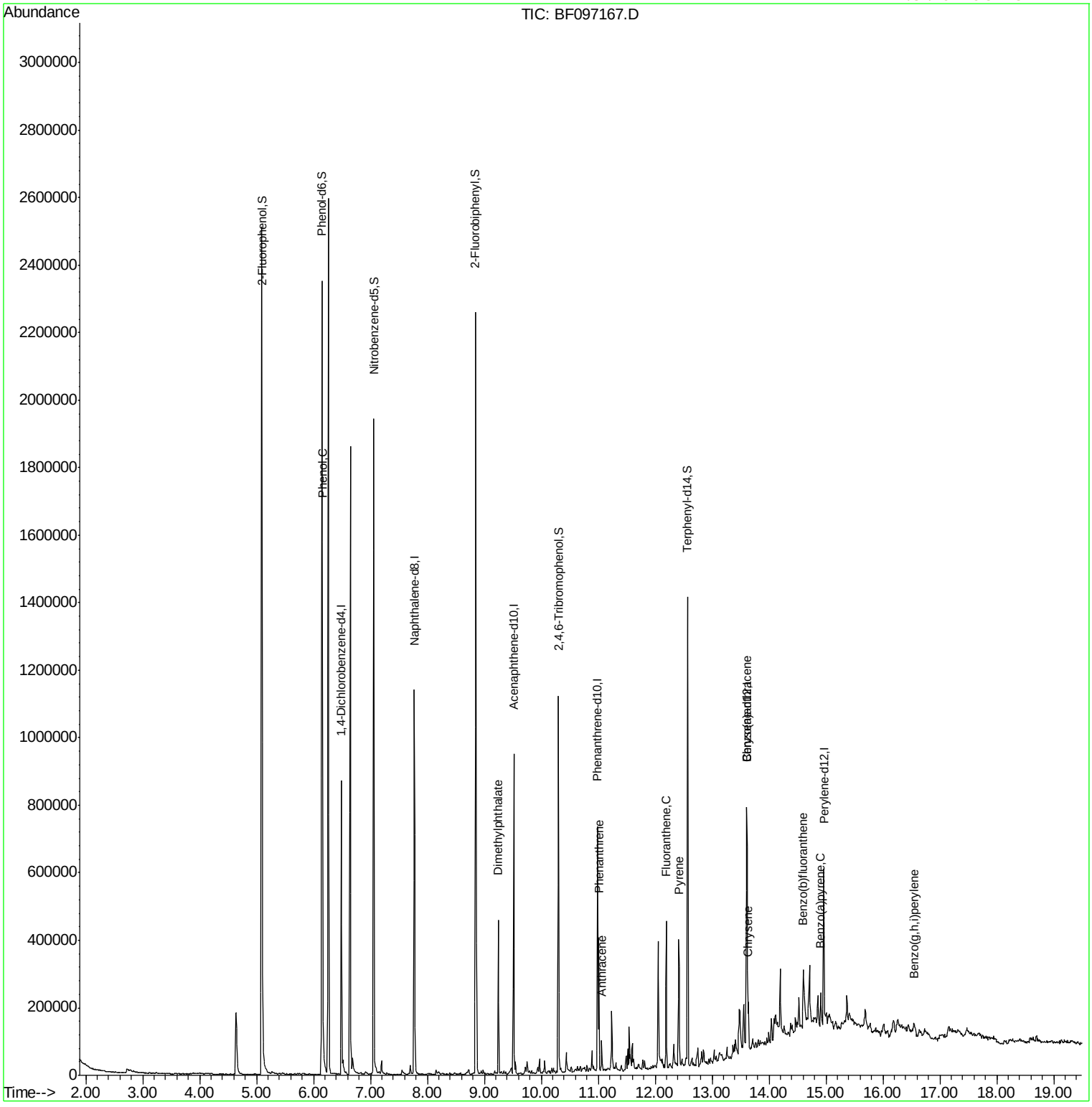
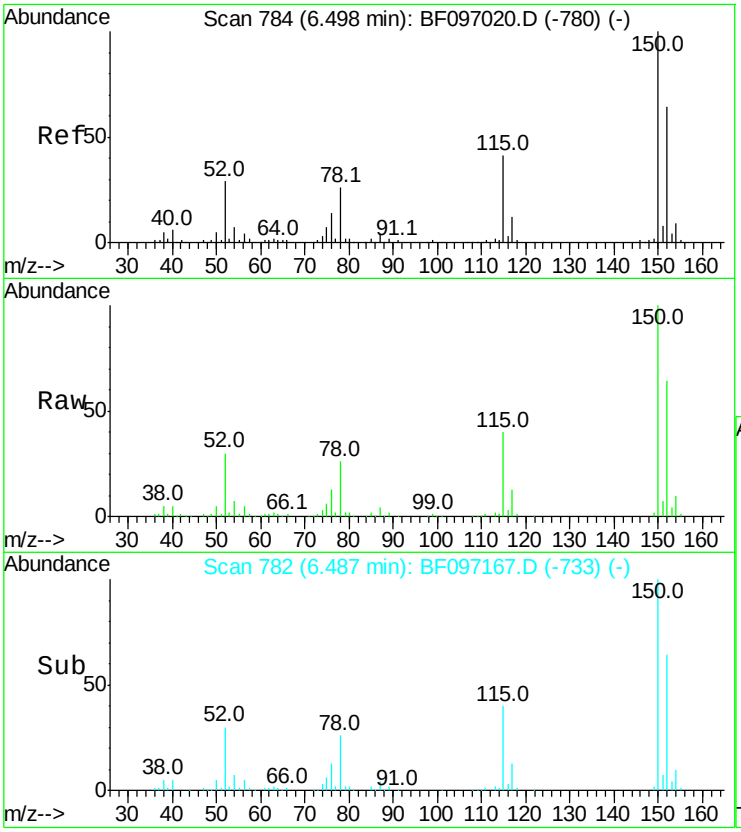
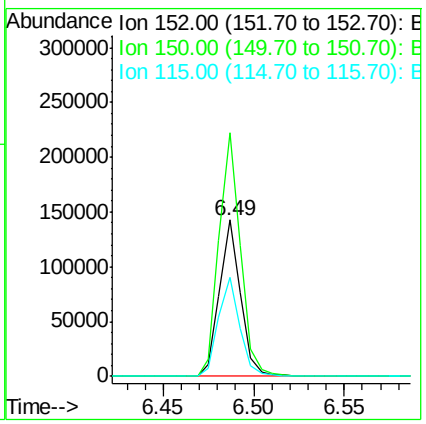




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097167.D
Acq: 28 Jul 2017 21:26

Tgt Ion:152 Resp: 115810

Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.2	189.2
115	63.0	52.2	78.2



Instrument :
BNA_F
ClientSampleId :
TR-04-072617

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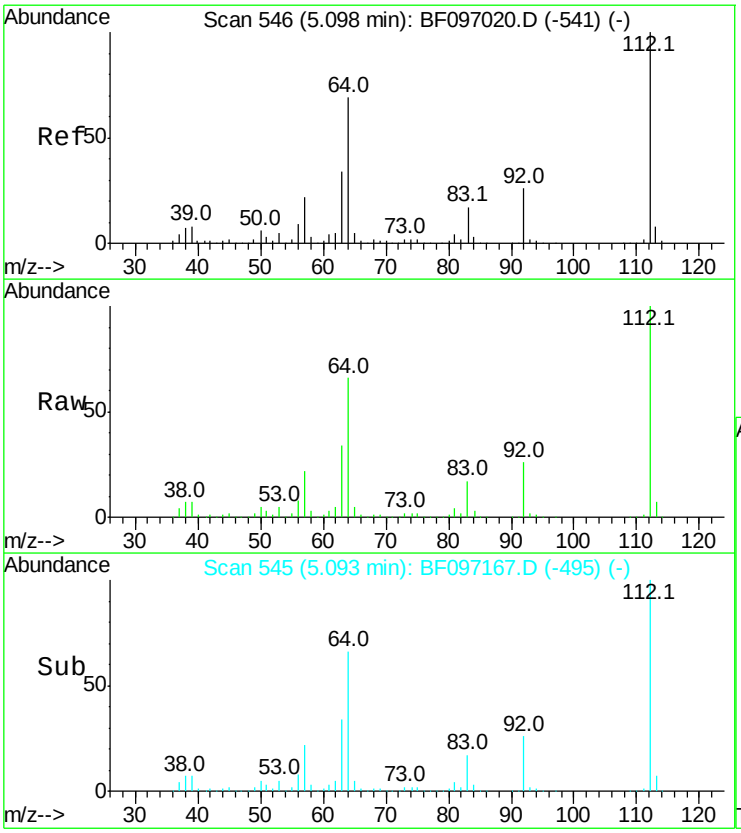
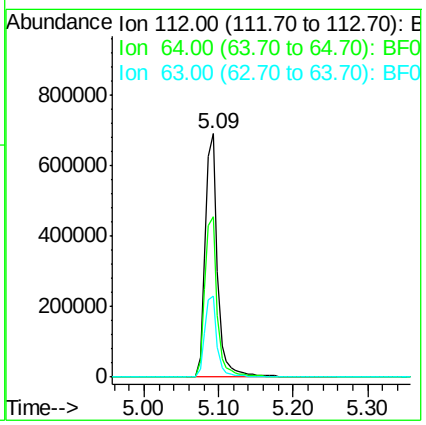
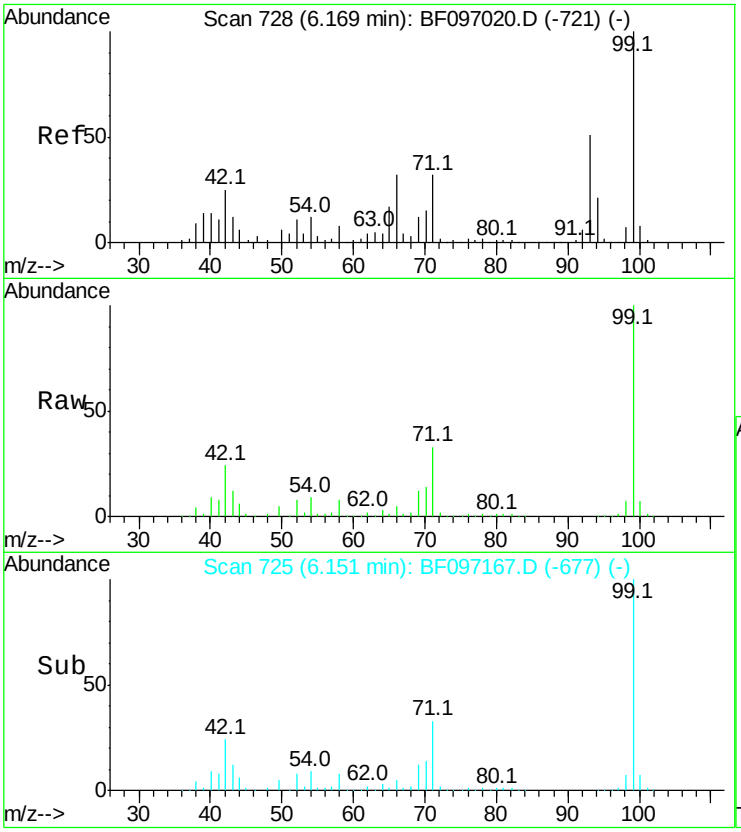


#5
2-Fluorophenol
Concen: 104.349 ng
RT: 5.09 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF097167.D
Acq: 28 Jul 2017 21:26

Tgt Ion:112 Resp: 801644

Ion	Ratio	Lower	Upper
112	100		
64	66.1	46.0	69.0
63	33.5	23.4	35.0

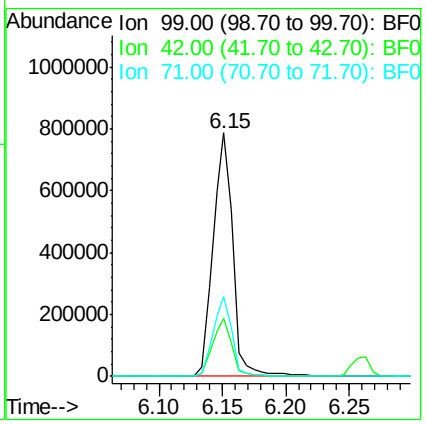




#7
Phenol-d6
Concen: 98.199 ng
RT: 6.15 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF097167.D
Acq: 28 Jul 2017 21:26

Tgt Ion: 99 Resp: 861232

Ion	Ratio	Lower	Upper
99	100		
42	23.8	13.5	20.3#
71	32.9	24.5	36.7



Instrument :
BNA_F
ClientSampleId :
TR-04-072617

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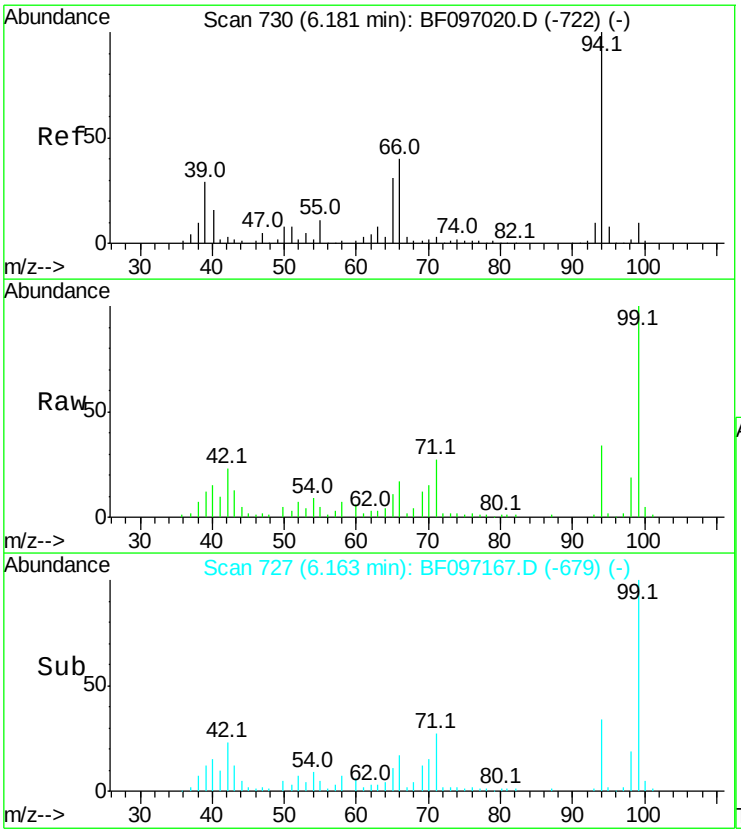
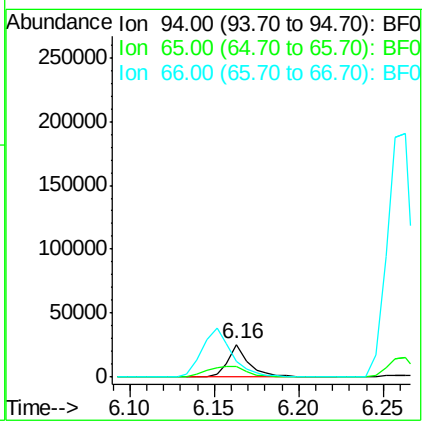
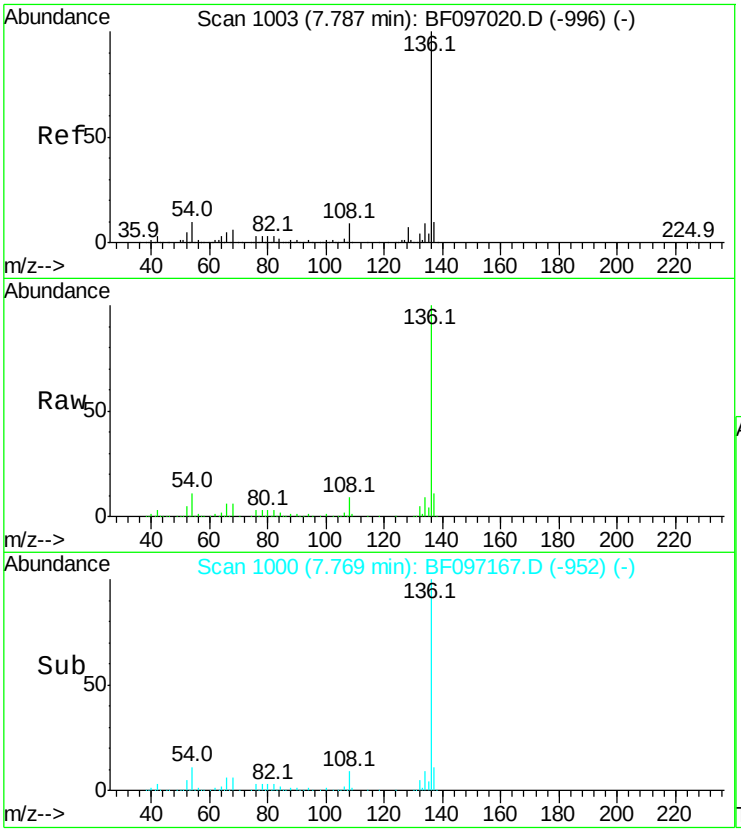


#10
Phenol
Concen: 2.185 ng
RT: 6.16 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF097167.D
Acq: 28 Jul 2017 21:26

Tgt Ion: 94 Resp: 22728

Ion	Ratio	Lower	Upper
94	100		
65	33.2	9.9	49.9
66	50.1	23.1	63.1

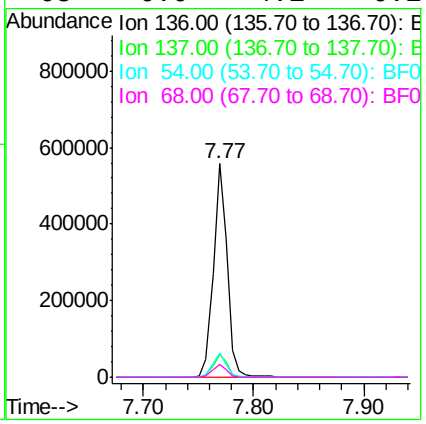




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.77 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF097167.D
Acq: 28 Jul 2017 21:26

Tgt Ion:136 Resp: 478168

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	11.2	4.9	7.3#
68	6.0	4.1	6.1



Instrument :
BNA_F
ClientSampleId :
TR-04-072617

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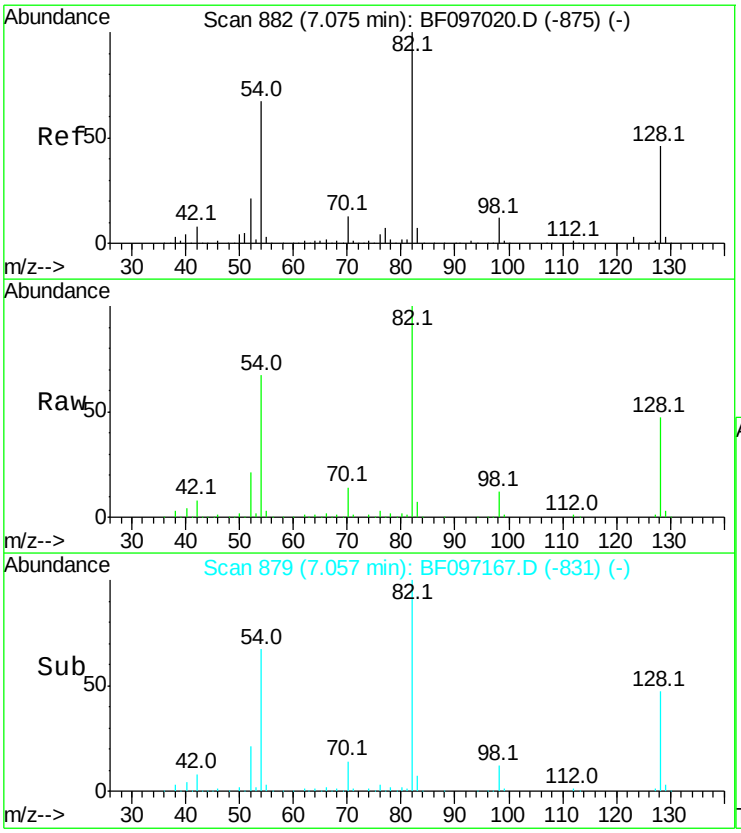
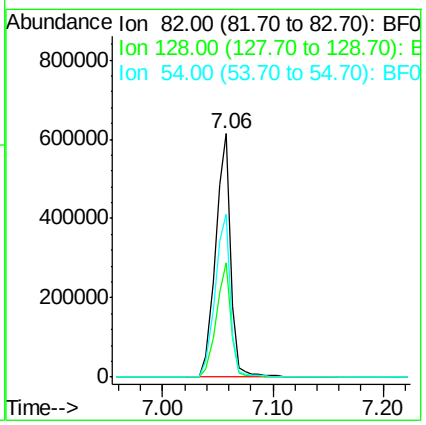
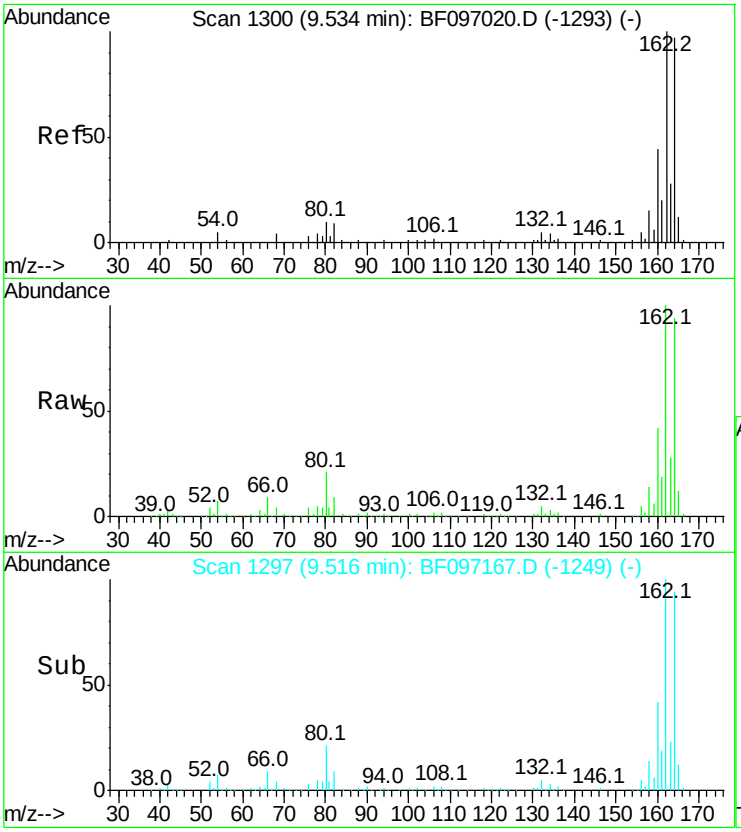


#23
Nitrobenzene-d5
Concen: 71.502 ng
RT: 7.06 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF097167.D
Acq: 28 Jul 2017 21:26

Tgt Ion: 82 Resp: 582811

Ion	Ratio	Lower	Upper
82	100		
128	46.8	34.0	51.0
54	66.7	42.2	63.2#

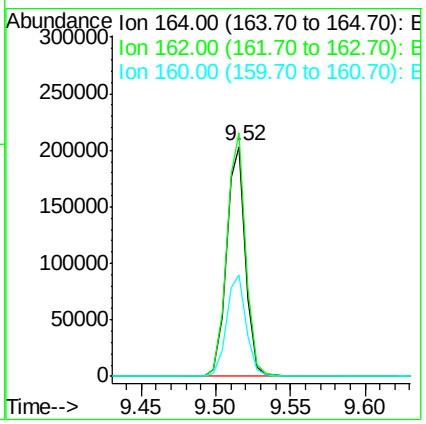




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.52 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF097167.D
Acq: 28 Jul 2017 21:26

Tgt Ion:164 Resp: 183458

Ion	Ratio	Lower	Upper
164	100		
162	105.9	82.6	123.8
160	44.2	36.2	54.2



Instrument :
BNA_F
ClientSampleId :
TR-04-072617

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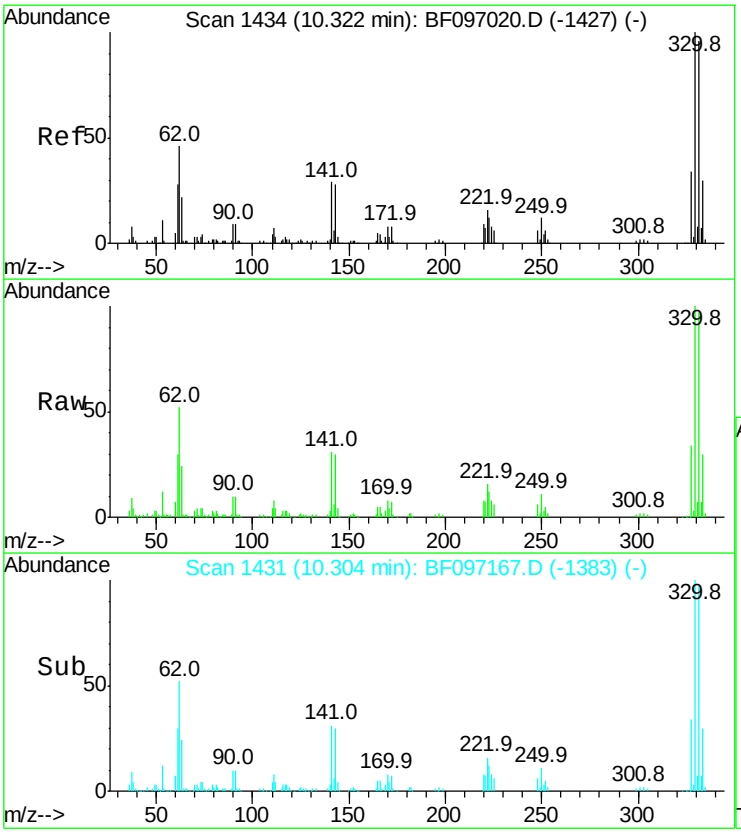
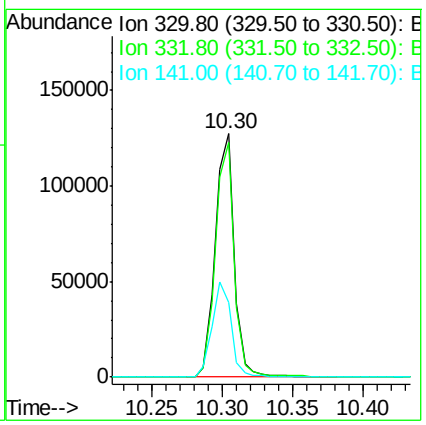
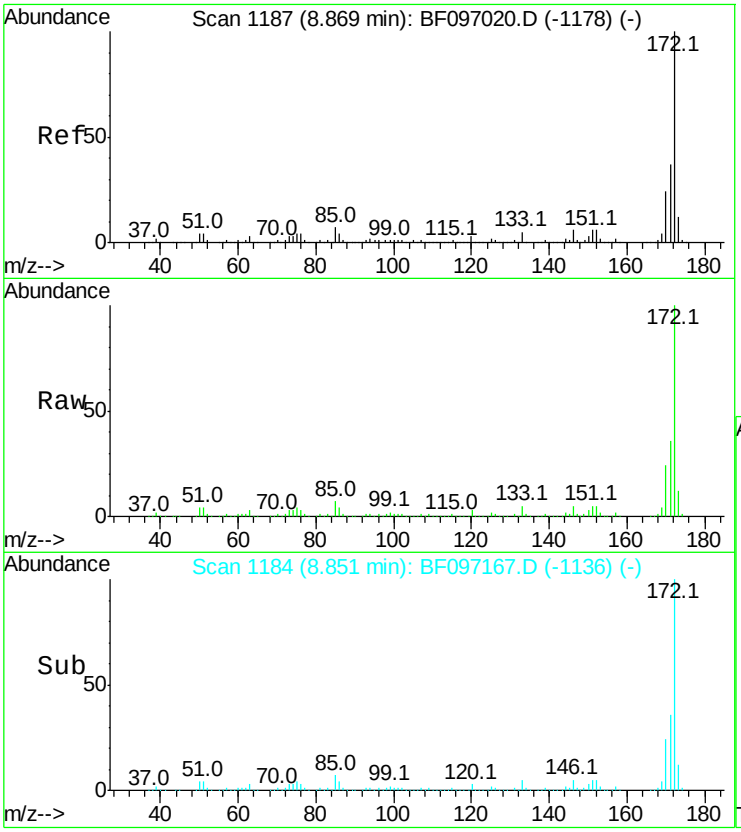


#41
2,4,6-Tribromophenol
Concen: 82.013 ng
RT: 10.30 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BF097167.D
Acq: 28 Jul 2017 21:26

Tgt Ion:330 Resp: 118877

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	115.0
141	39.8	31.4	47.2

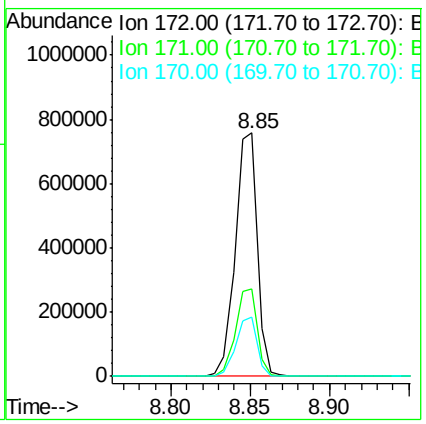




#44
2-Fluorobiphenyl
Concen: 67.601 ng
RT: 8.85 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF097167.D
Acq: 28 Jul 2017 21:26

Tgt Ion:172 Resp: 730778

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	24.4	19.8	29.8



Instrument :
BNA_F
ClientSampleId :
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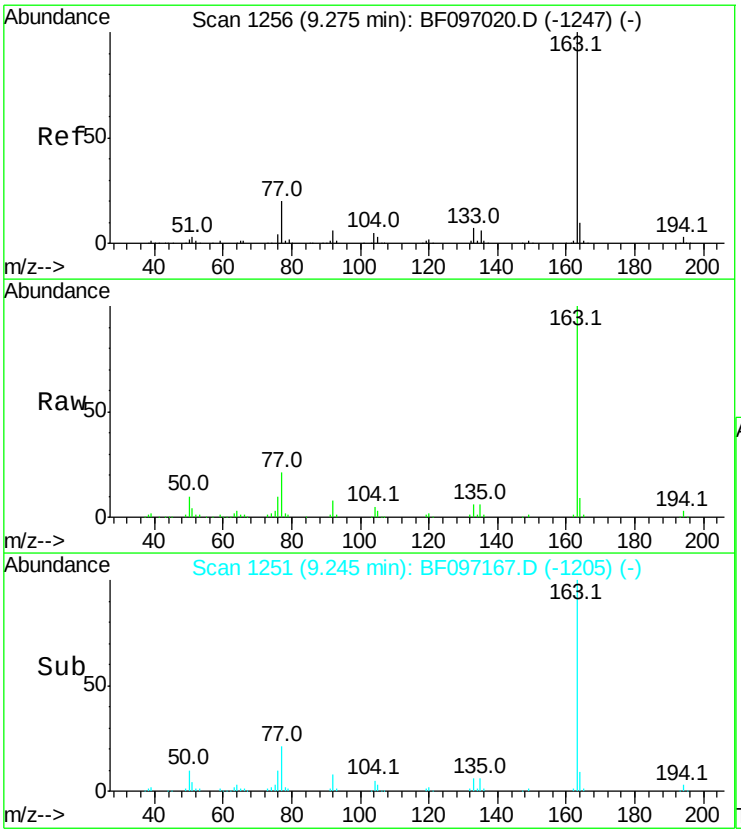
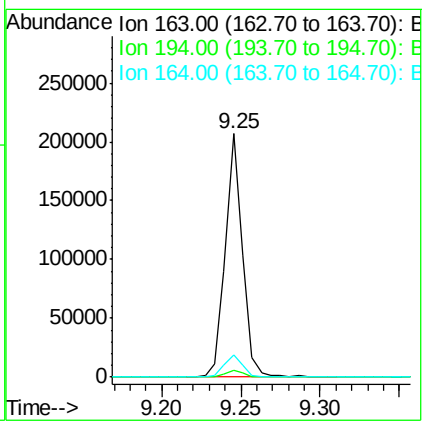
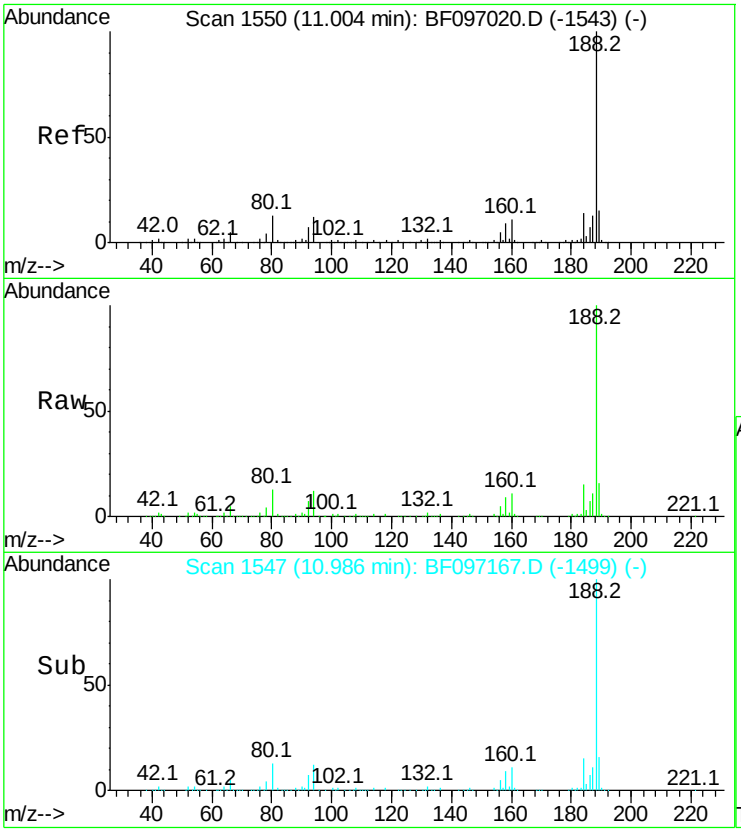


#49
Dimethylphthalate
Concen: 11.103 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF097167.D
Acq: 28 Jul 2017 21:26

Tgt Ion:163 Resp: 154680

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	9.3	8.4	12.6

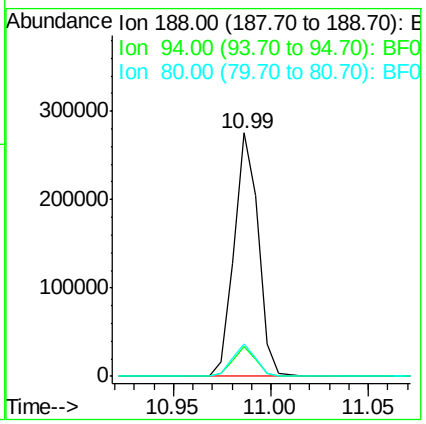




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF097167.D
Acq: 28 Jul 2017 21:26

Tgt Ion:188 Resp: 236649

Ion	Ratio	Lower	Upper
188	100		
94	12.4	9.4	14.2
80	13.3	10.2	15.2



Instrument :
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ClientSampleId :
TR-04-072617

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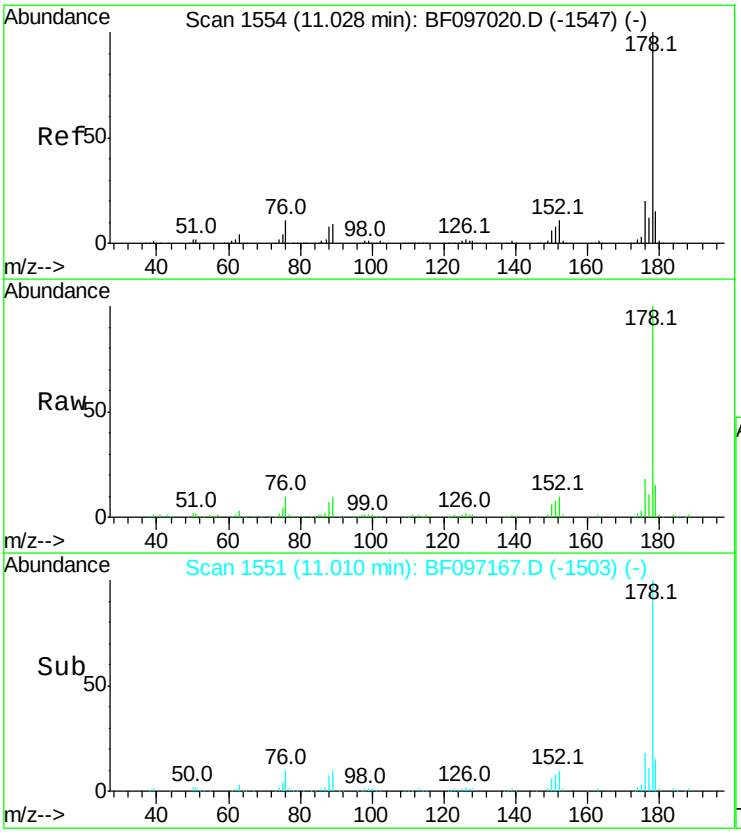
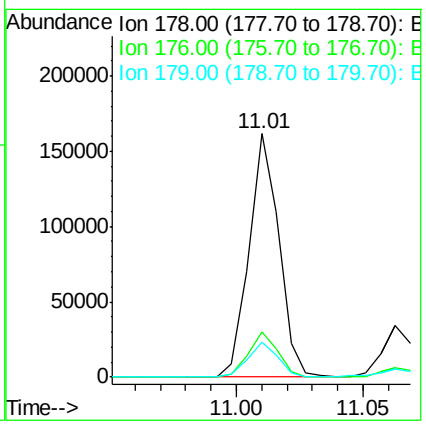
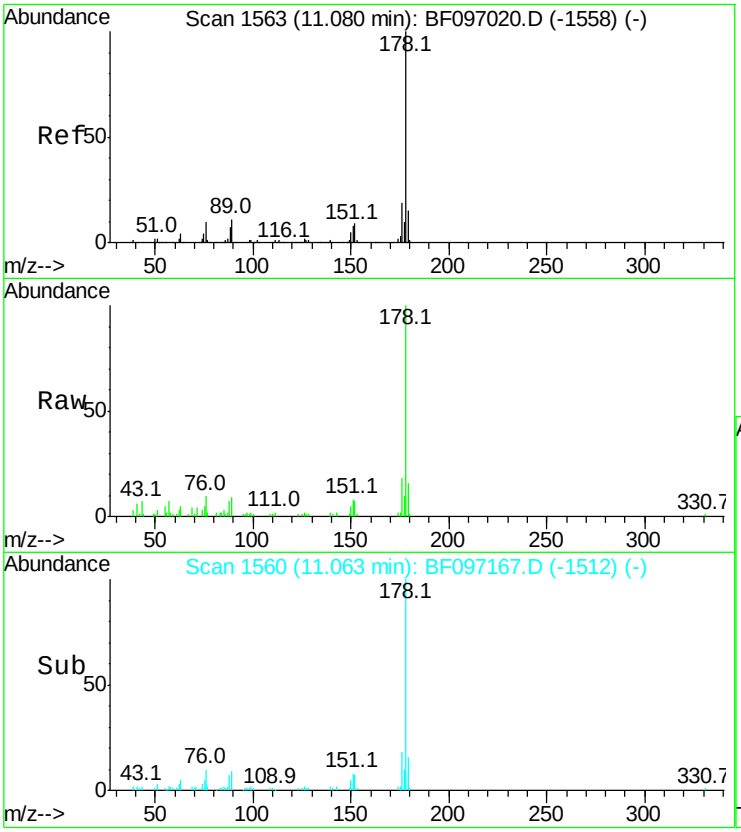


#70
Phenanthrene
Concen: 10.518 ng
RT: 11.01 min Scan# 1551
Delta R.T. -0.02 min
Lab File: BF097167.D
Acq: 28 Jul 2017 21:26

Tgt Ion:178 Resp: 133367

Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.2	24.4
179	14.5	12.6	19.0

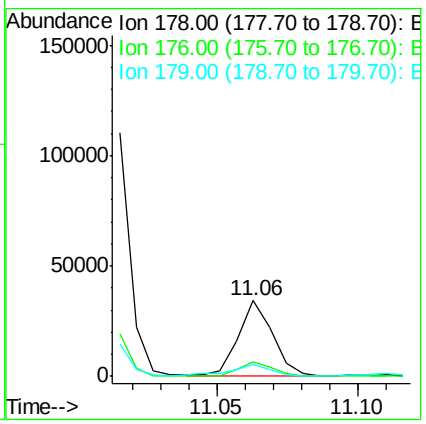




#71
Anthracene
Concen: 2.201 ng
RT: 11.06 min Scan# 1560
Delta R.T. -0.02 min
Lab File: BF097167.D
Acq: 28 Jul 2017 21:26

Tgt Ion:178 Resp: 28589

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	15.9	12.7	19.1



Instrument :
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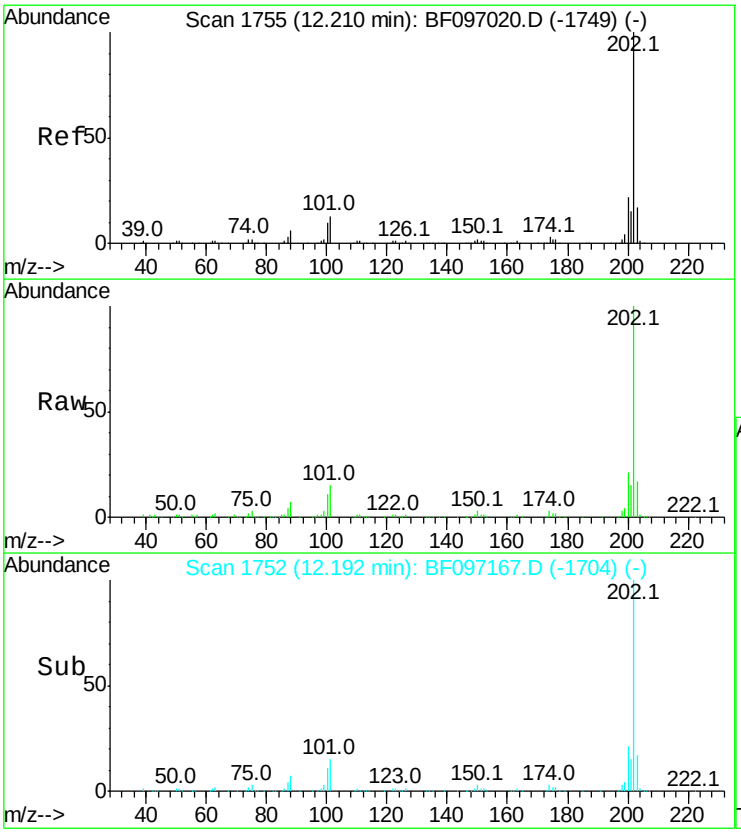
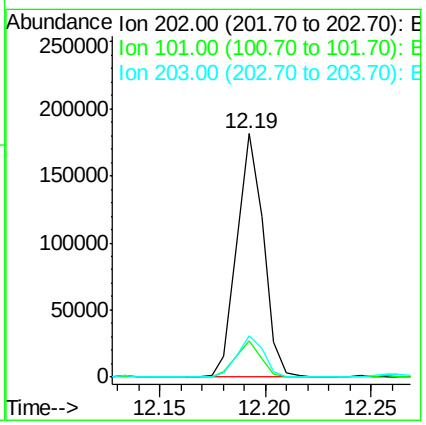
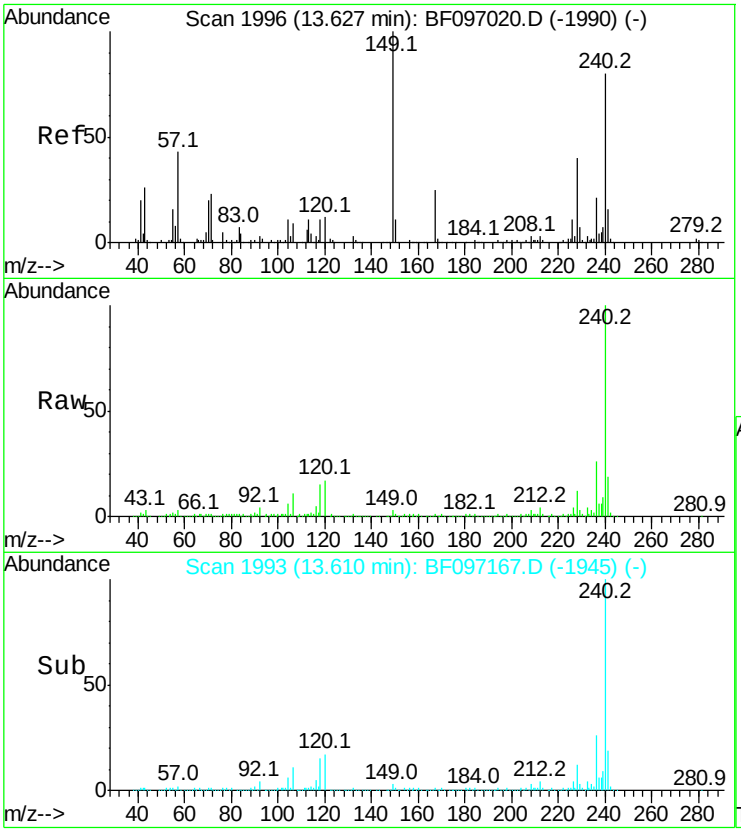


#74
Fluoranthene
Concen: 12.729 ng
RT: 12.19 min Scan# 1752
Delta R.T. -0.02 min
Lab File: BF097167.D
Acq: 28 Jul 2017 21:26

Tgt Ion:202 Resp: 158115

Ion	Ratio	Lower	Upper
202	100		
101	14.9	0.0	33.2
203	16.8	0.0	38.1

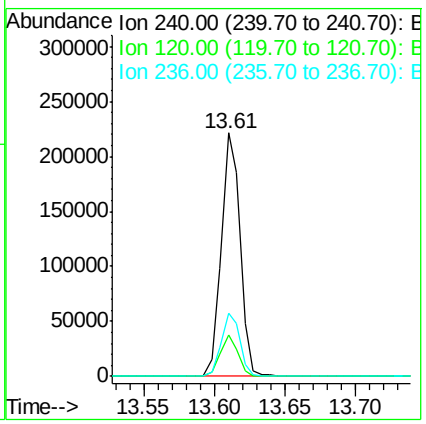




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.61 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BF097167.D
Acq: 28 Jul 2017 21:26

Tgt Ion:240 Resp: 205071

Ion	Ratio	Lower	Upper
240	100		
120	16.8	5.8	8.8#
236	25.8	20.5	30.7



Instrument :
BNA_F
ClientSampleId :
TR-04-072617

Manual Integrations APPROVED

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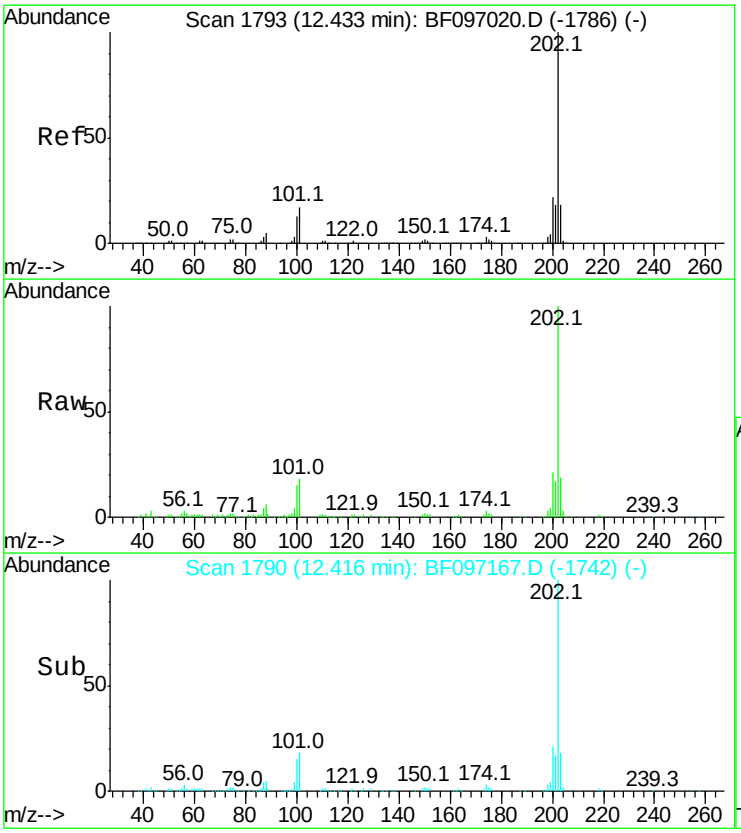
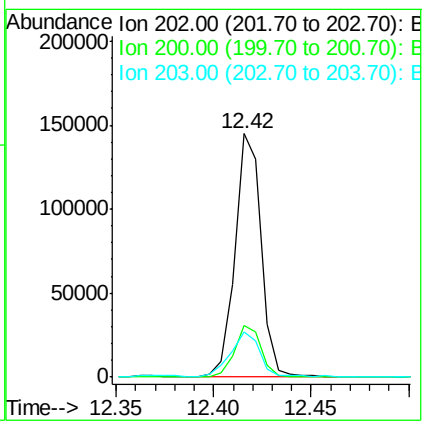
7/31/2017 6:52:18 PM

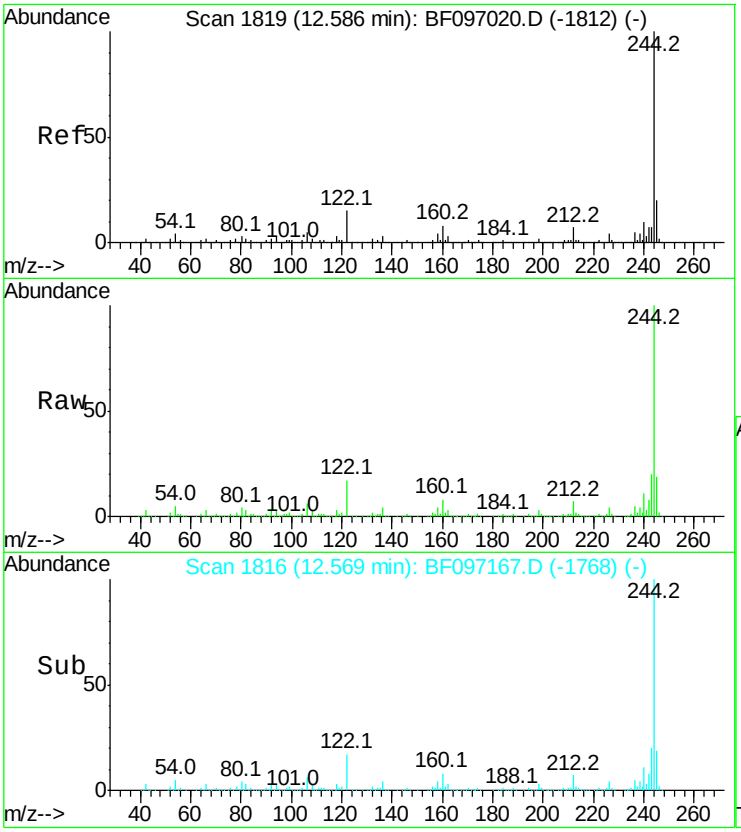


#77
Pyrene
Concen: 8.022 ng
RT: 12.42 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BF097167.D
Acq: 28 Jul 2017 21:26

Tgt Ion:202 Resp: 134672

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.6	26.4
203	18.6	14.4	21.6

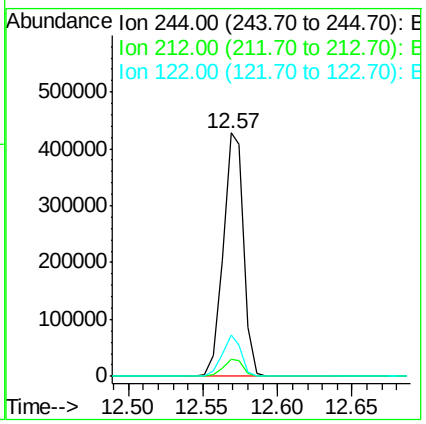




#78
Terphenyl-d14
Concen: 41.296 ng
RT: 12.57 min Scan# 1816
Delta R.T. -0.02 min
Lab File: BF097167.D
Acq: 28 Jul 2017 21:26

Tgt Ion:244 Resp: 415362

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	17.1	10.3	15.5#



Instrument :
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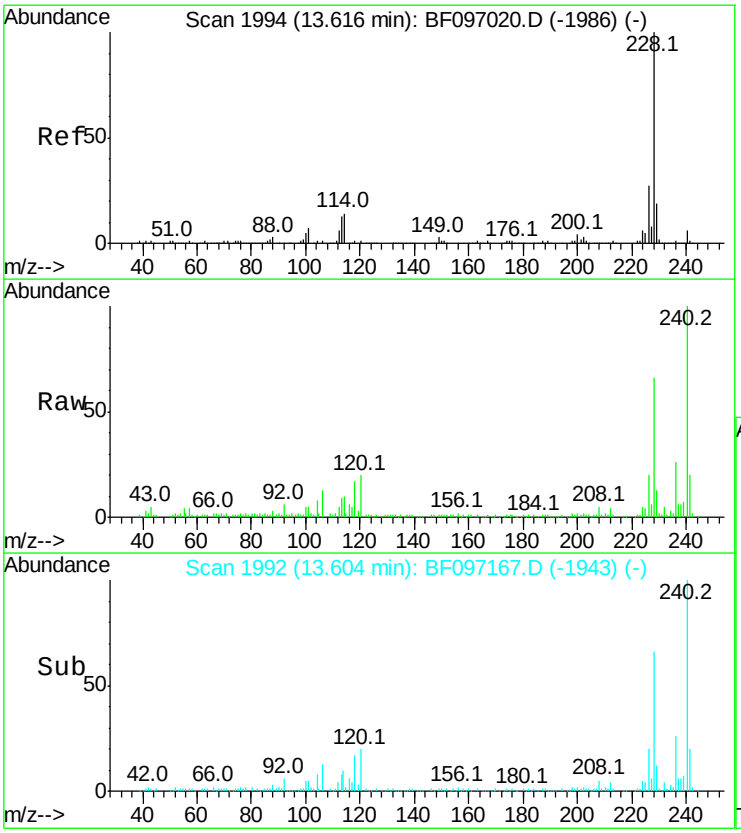
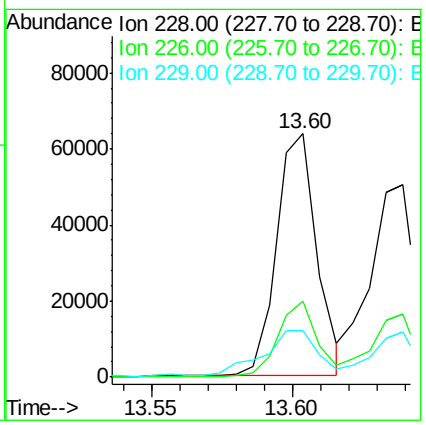
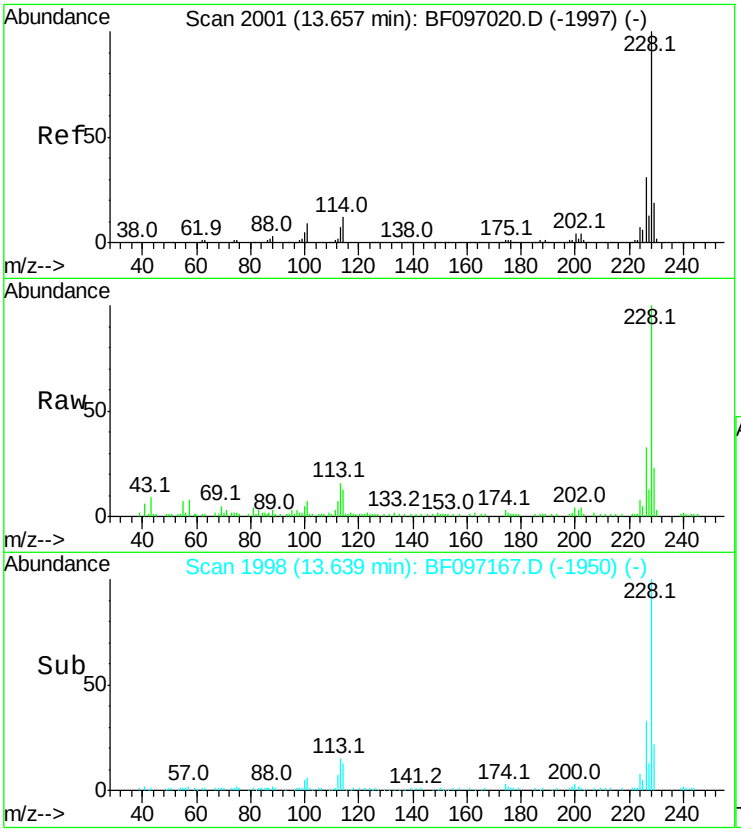


#80
Benzo(a)anthracene
Concen: 4.756 ng
RT: 13.60 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF097167.D
Acq: 28 Jul 2017 21:26

Tgt Ion:228 Resp: 63109

Ion	Ratio	Lower	Upper
228	100		
226	31.1	22.6	33.8
229	19.3	16.3	24.5

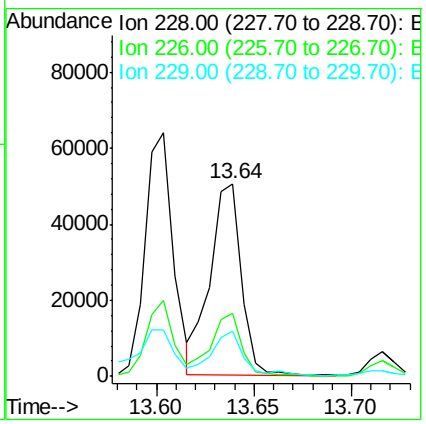




#82
Chrysene
Concen: 4.391 ng
RT: 13.64 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BF097167.D
Acq: 28 Jul 2017 21:26

Tgt Ion:228 Resp: 56888

Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.9	37.3
229	23.4	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
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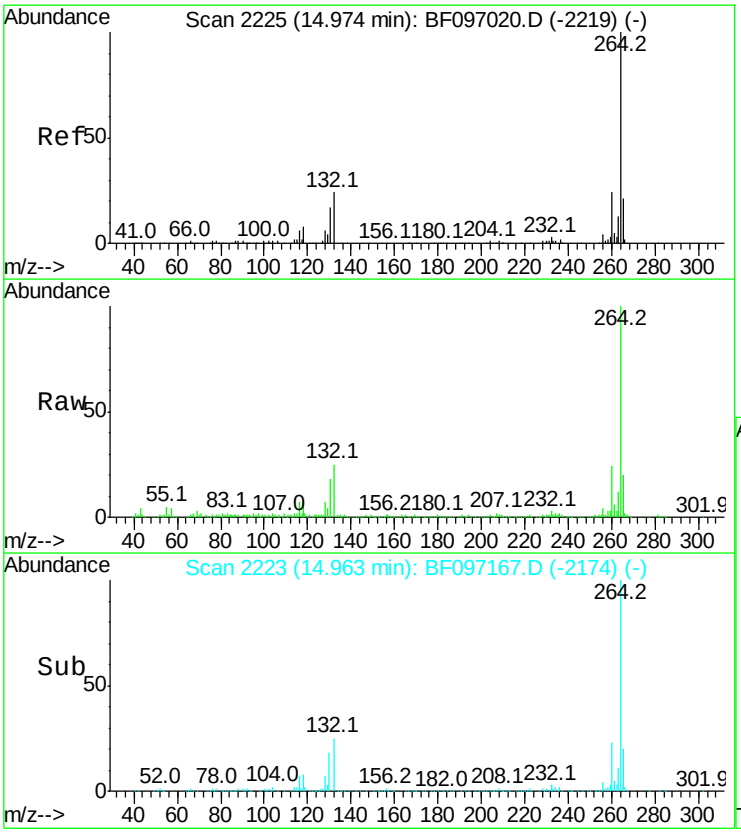
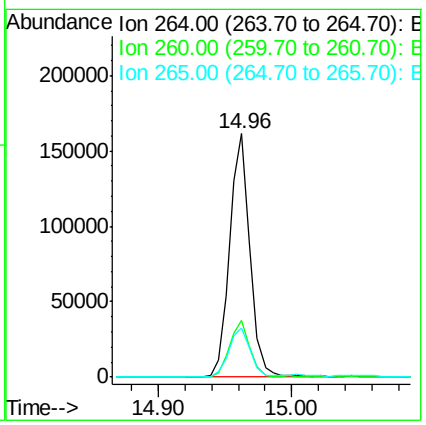
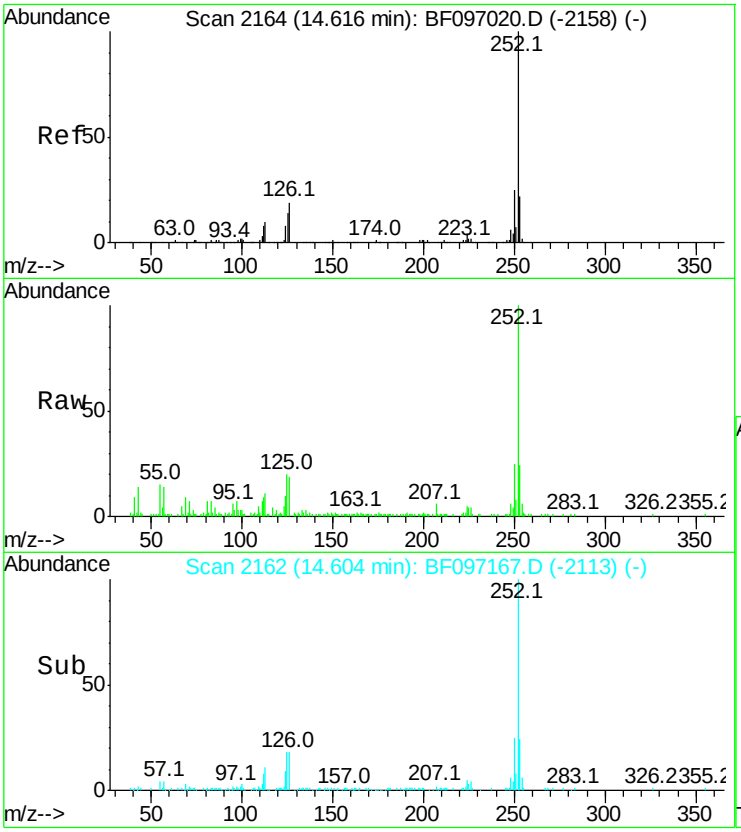


#86
Perylene-d12
Concen: 20.000 ng
RT: 14.96 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF097167.D
Acq: 28 Jul 2017 21:26

Tgt Ion:264 Resp: 172794

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	20.0	17.2	25.8

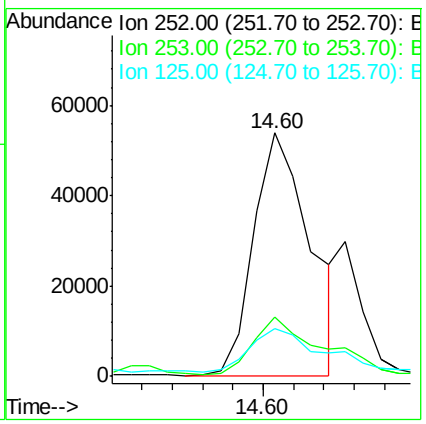




#87
Benzo(b)fluoranthene
Concen: 6.715 ng m
RT: 14.60 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF097167.D
Acq: 28 Jul 2017 21:26

Tgt Ion:252 Resp: 69750

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.1	27.1
125	19.5	9.8	14.8#



Instrument :
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ClientSampleId :
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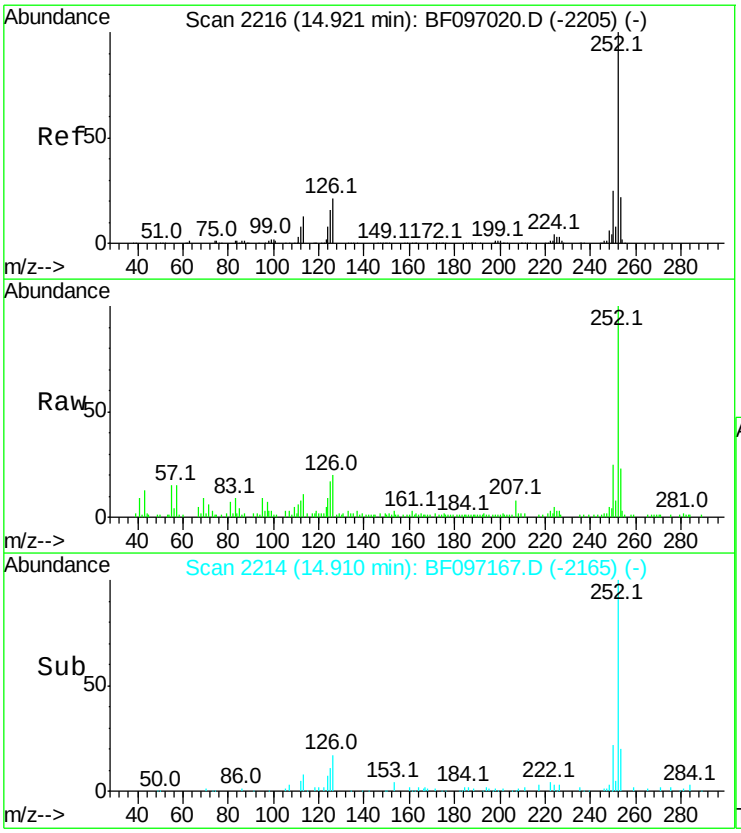
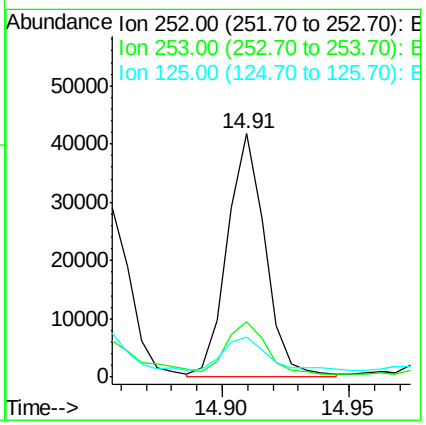
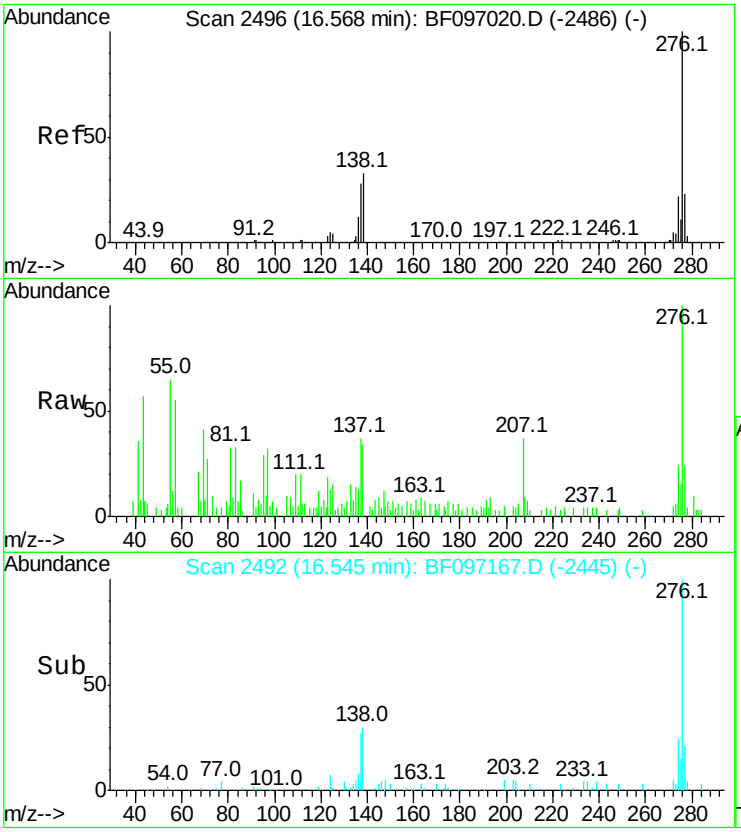


#89
Benzo(a)pyrene
Concen: 4.529 ng
RT: 14.91 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF097167.D
Acq: 28 Jul 2017 21:26

Tgt Ion:252 Resp: 43053

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	16.6	11.0	16.4#

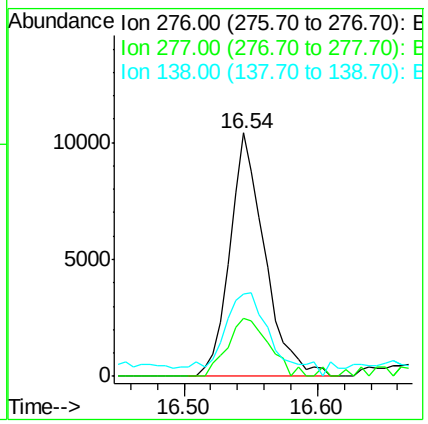




#91
Benzo(g,h,i)perylene
Concen: 2.318 ng
RT: 16.54 min Scan# 2492
Delta R.T. -0.02 min
Lab File: BF097167.D
Acq: 28 Jul 2017 21:26

Tgt Ion:276 Resp: 18946

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.6	28.0
138	34.1	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
TR-04-072617

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