Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
Data File : BF098101.D
Acq On : 29 Aug 2017 7:58
Operator : SJ/JU
Sample : I4961-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01-COMP

Quant Time: Aug 29 09:39:50 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	109134	20.00	ng		-0.01
21) Naphthalene-d8	8.02	136	429362	20.00	ng		-0.01
38) Acenaphthene-d10	9.77	164	185410	20.00	ng		-0.01
63) Phenanthrene-d10	11.26	188	343715	20.00	ng		0.00
75) Chrysene-d12	13.89	240	266861	20.00	ng		0.00
86) Perylene-d12	15.31	264	273699	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	917746	127.91	ng		0.00
7) Phenol-d6	6.38	99	1251050	128.33	ng		0.00
23) Nitrobenzene-d5	7.30	82	769915	97.41	ng		-0.02
41) 2,4,6-Tribromophenol	10.56	330	216395	134.51	ng		-0.01
44) 2-Fluorobiphenyl	9.10	172	1033775	81.92	ng		-0.01
78) Terphenyl-d14	12.84	244	802438	62.71	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.39	94	40916	3.589	ng		89
19) n-Nitroso-di-n-propylamine	7.30	70	102568	15.370	ng	#	72
25) Isophorone	7.30	82	759070	46.188	ng	#	67
49) Dimethylphthalate	9.49	163	138280	10.203	ng		100
70) Phenanthrene	11.28	178	263810	14.404	ng		99
71) Anthracene	11.33	178	58913	3.171	ng		98
74) Fluoranthene	12.46	202	339663	17.767	ng		98
77) Pyrene	12.69	202	328428	15.047	ng		97
80) Benzo(a)anthracene	13.88	228	155504	9.723	ng		99
82) Chrysene	13.92	228	158177	9.942	ng		98
85) Indeno(1,2,3-cd)pyrene	16.68	276	70665	6.038	ng	#	87
87) Benzo(b)fluoranthene	14.90	252	171311m	9.930	ng		
88) Benzo(k)fluoranthene	14.93	252	54905m	3.387	ng		
89) Benzo(a)pyrene	15.25	252	131698	8.623	ng		97
91) Benzo(g,h,i)perylene	17.10	276	63931	4.928	ng		93

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

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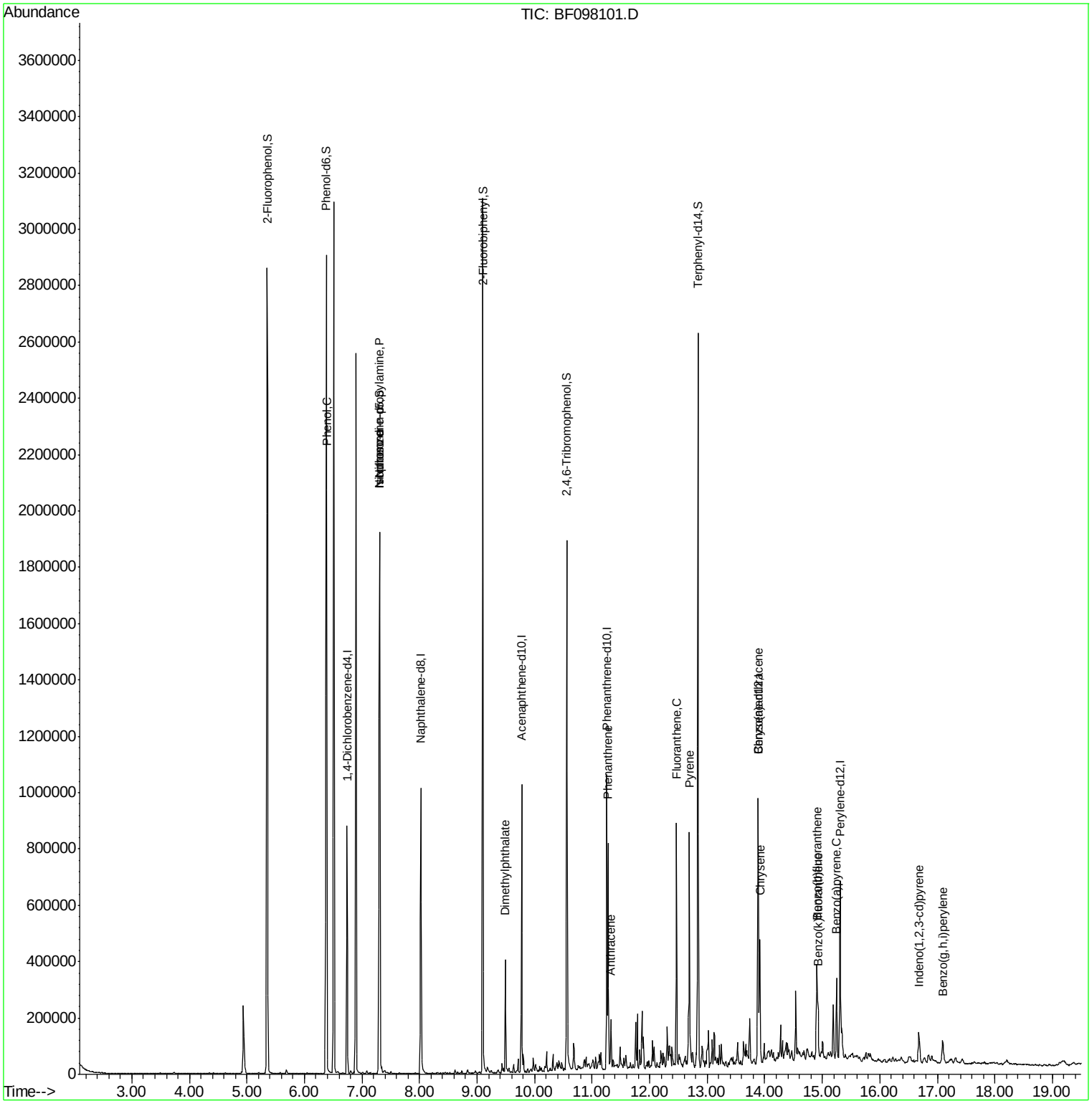
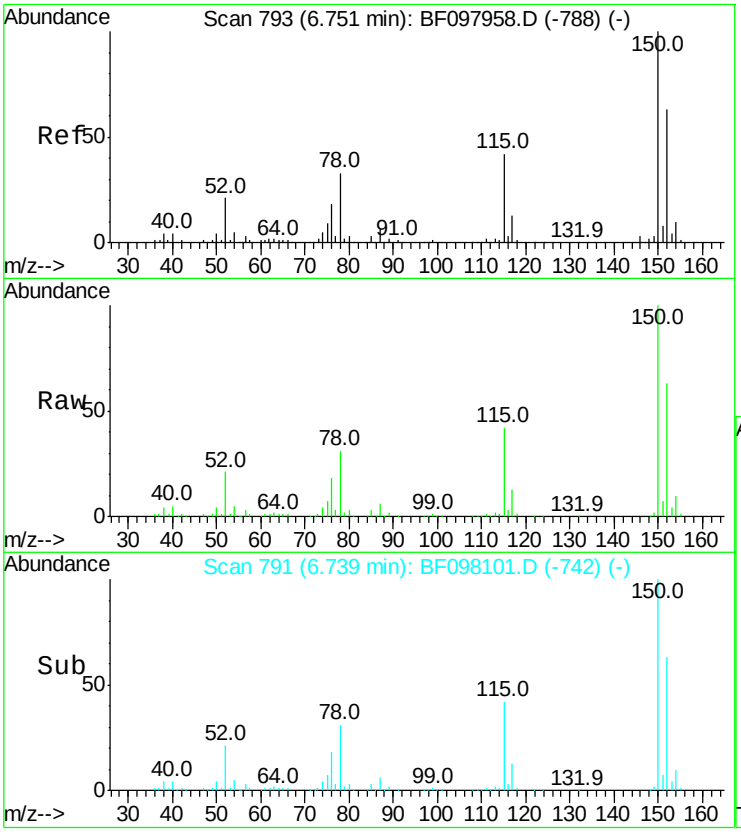


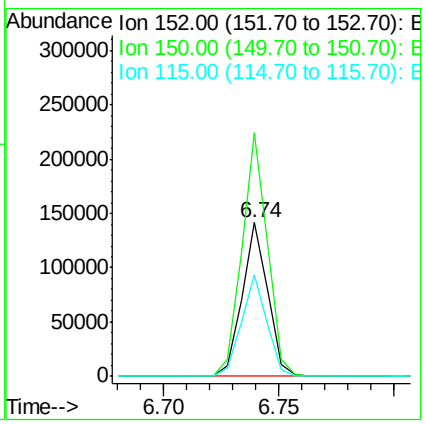


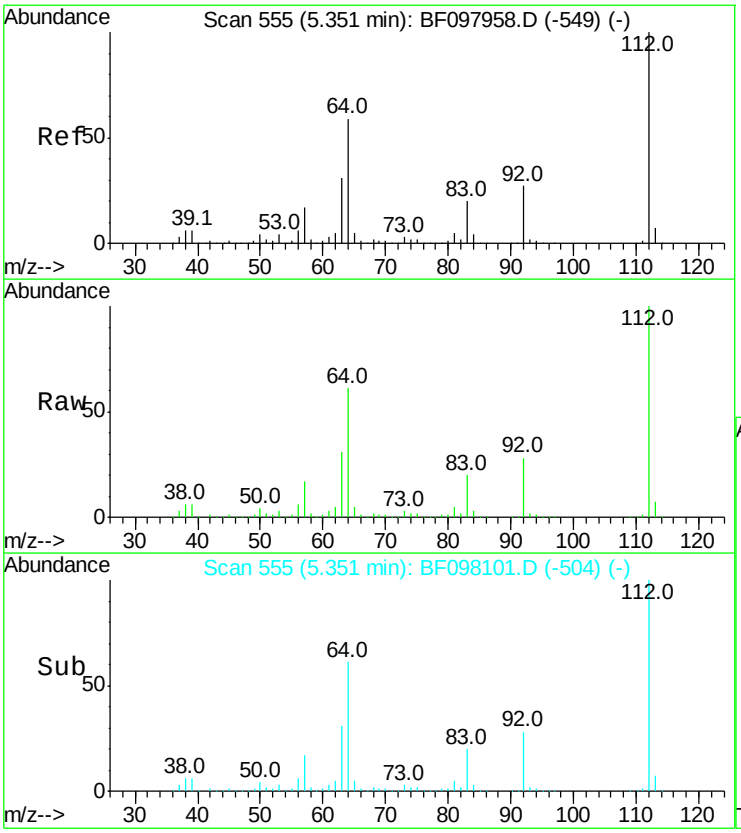
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098101.D
Acq: 29 Aug 2017 7:58

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:152 Resp: 109134

Ion	Ratio	Lower	Upper
152	100		
150	158.4	126.2	189.2
115	66.5	52.2	78.2

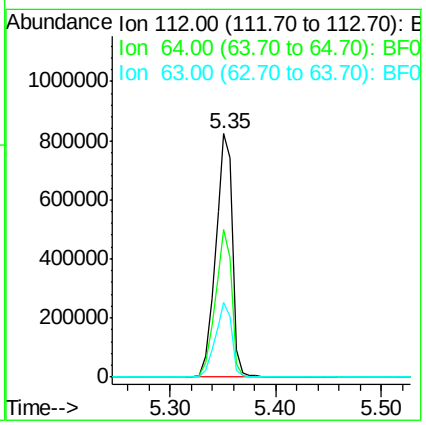


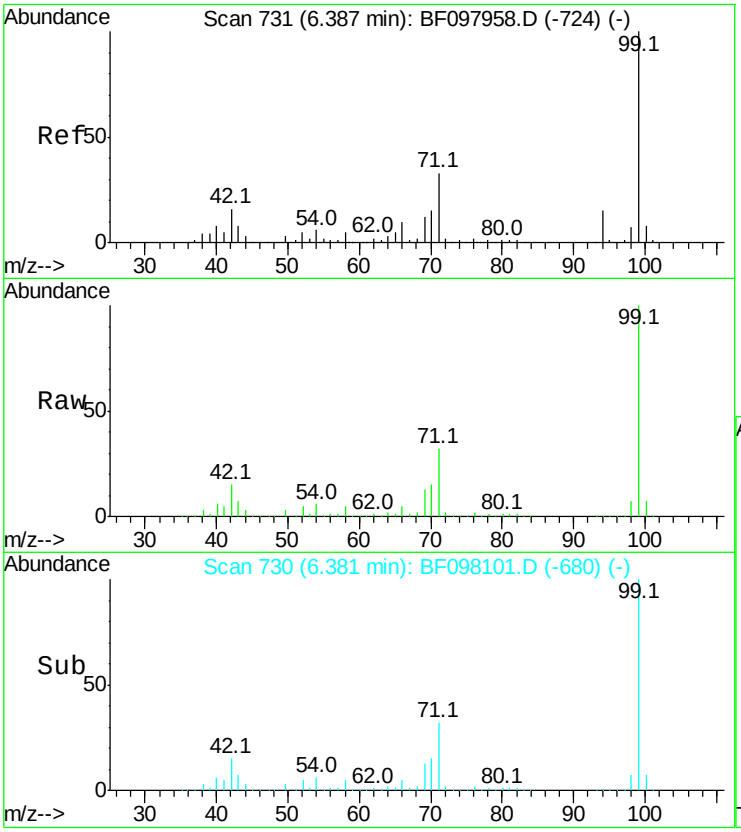


#5
2-Fluorophenol
Concen: 127.912 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF098101.D
Acq: 29 Aug 2017 7:58

Tgt Ion:112 Resp: 917746

Ion	Ratio	Lower	Upper
112	100		
64	60.7	46.0	69.0
63	30.5	23.4	35.0



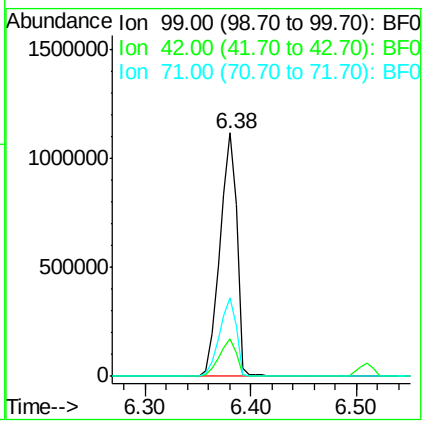


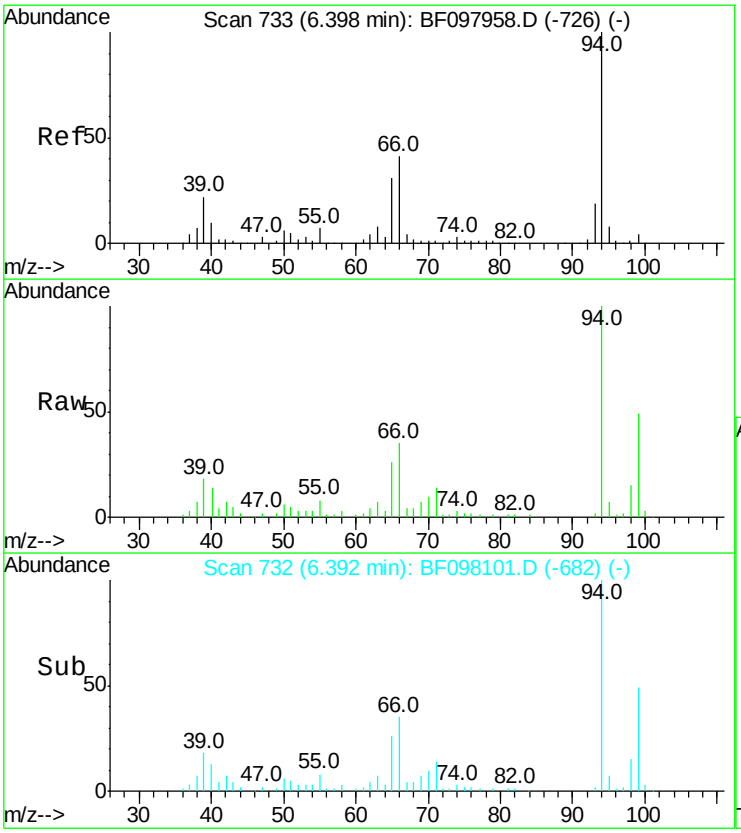
#7
Phenol-d6
Concen: 128.333 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF098101.D
Acq: 29 Aug 2017 7:58

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion: 99 Resp: 1251050

Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.5	20.3
71	32.2	24.5	36.7

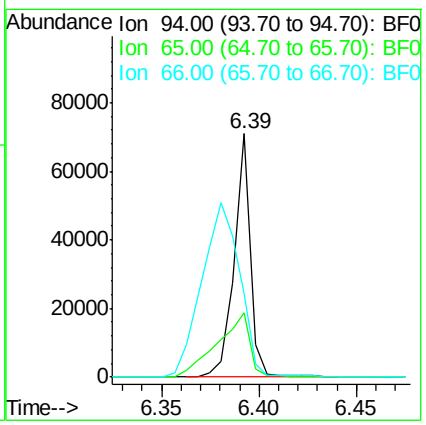


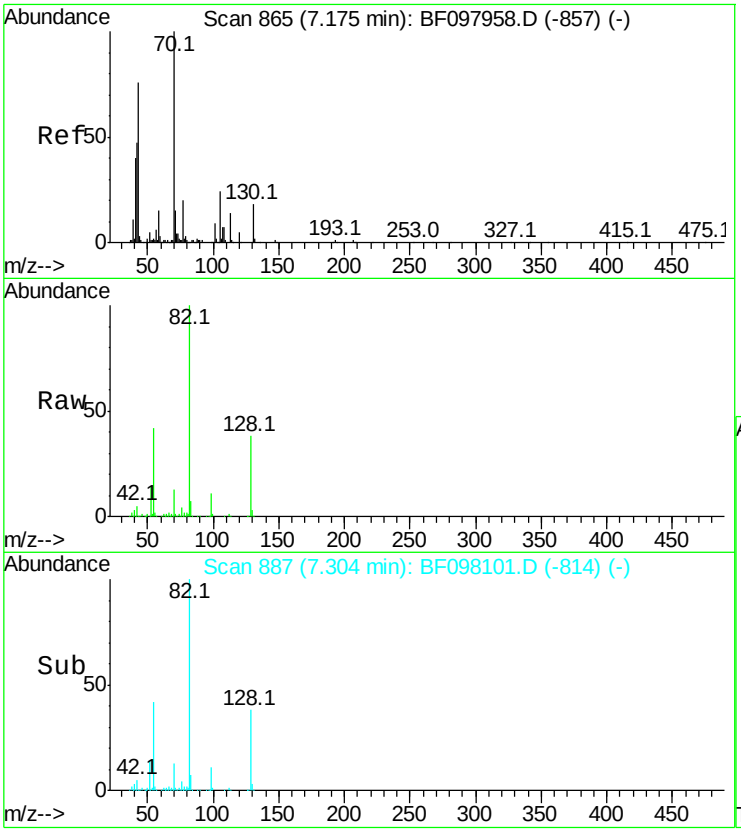


#10
Phenol
Concen: 3.589 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF098101.D
Acq: 29 Aug 2017 7:58

Tgt Ion: 94 Resp: 40916

Ion	Ratio	Lower	Upper
94	100		
65	26.4	9.9	49.9
66	34.5	23.1	63.1



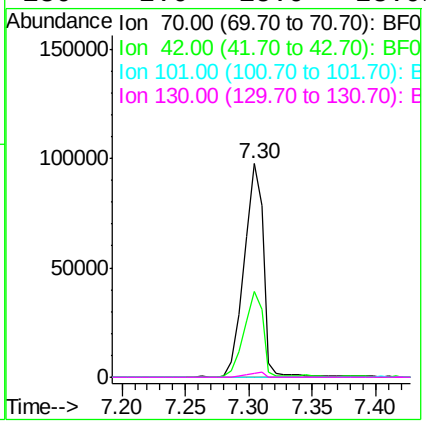


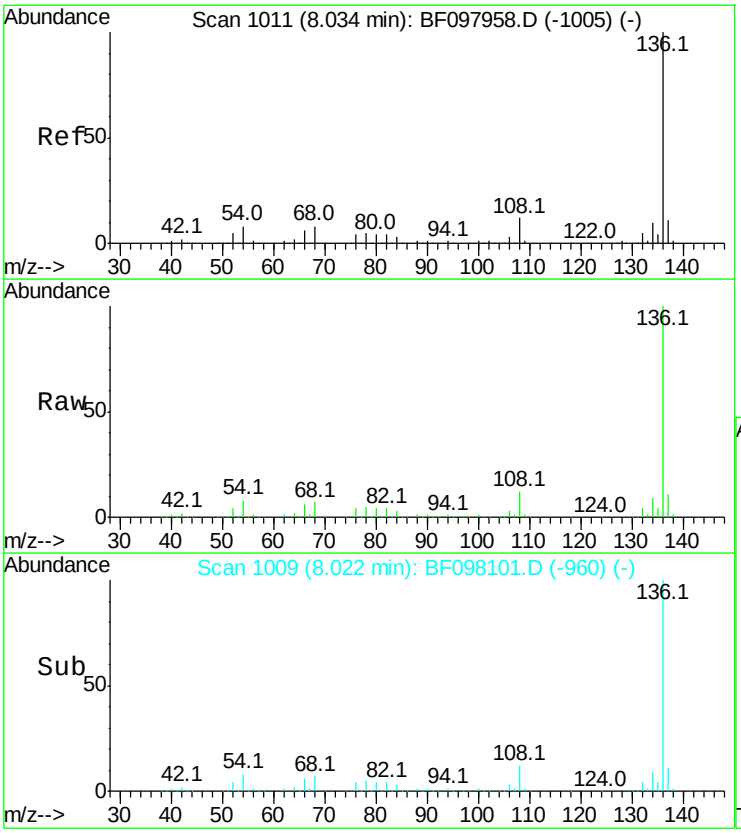
#19
n-Nitroso-di-n-propylamine
Concen: 15.370 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.13 min
Lab File: BF098101.D
Acq: 29 Aug 2017 7:58

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion: 70 Resp: 102568

Ion	Ratio	Lower	Upper
70	100		
42	40.4	47.2	70.8#
101	0.0	7.2	10.8#
130	2.0	15.9	23.9#

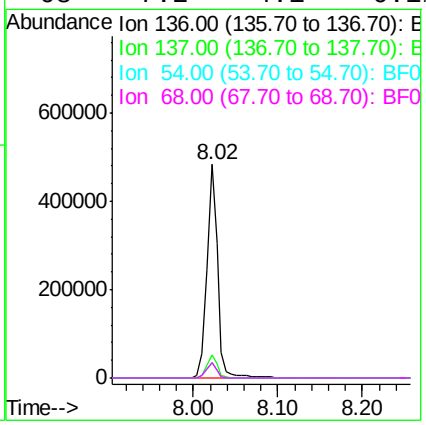


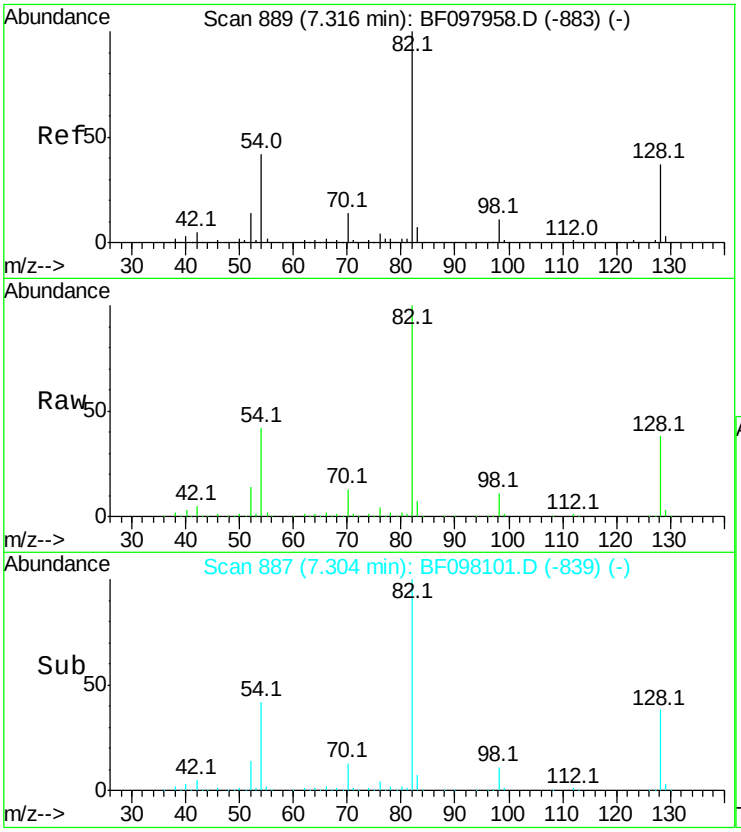


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098101.D
Acq: 29 Aug 2017 7:58

Tgt Ion:136 Resp: 429362

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.5	4.9	7.3#
68	7.2	4.1	6.1#



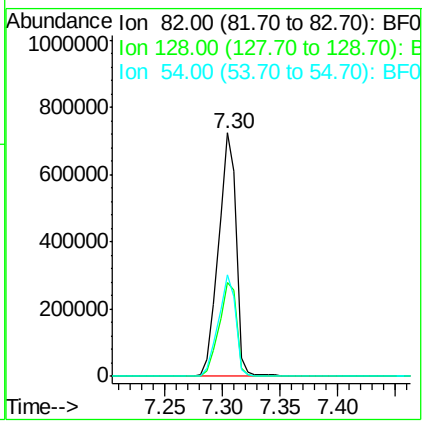


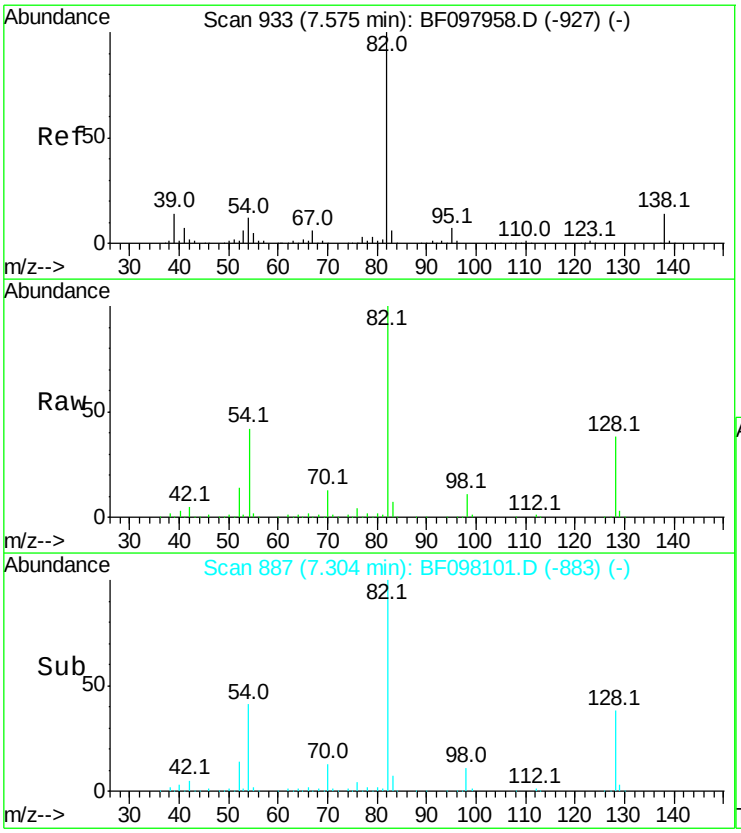
#23
Nitrobenzene-d5
Concen: 97.413 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF098101.D
Acq: 29 Aug 2017 7:58

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion: 82 Resp: 769915

Ion	Ratio	Lower	Upper
82	100		
128	38.3	34.0	51.0
54	41.6	42.2	63.2#

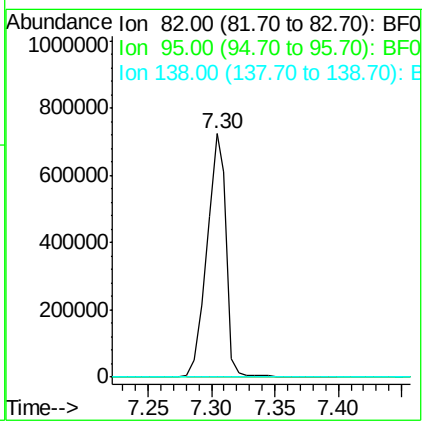


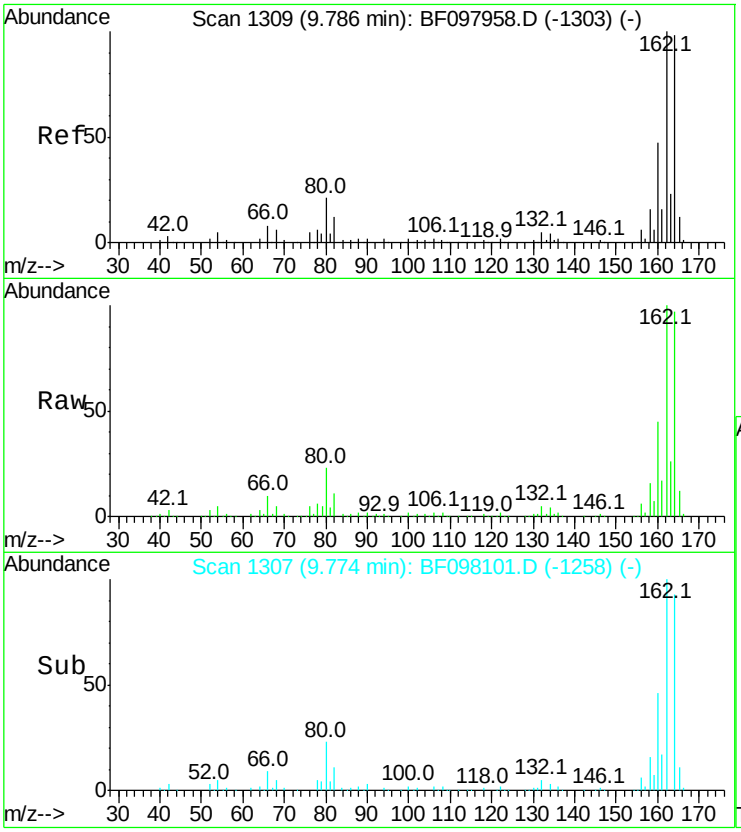


#25
Isophorone
Concen: 46.188 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.28 min
Lab File: BF098101.D
Acq: 29 Aug 2017 7:58

Tgt Ion: 82 Resp: 759070

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#



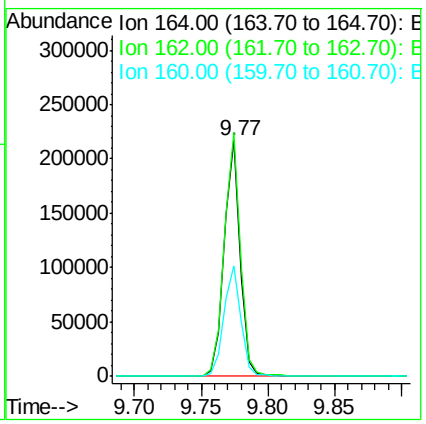


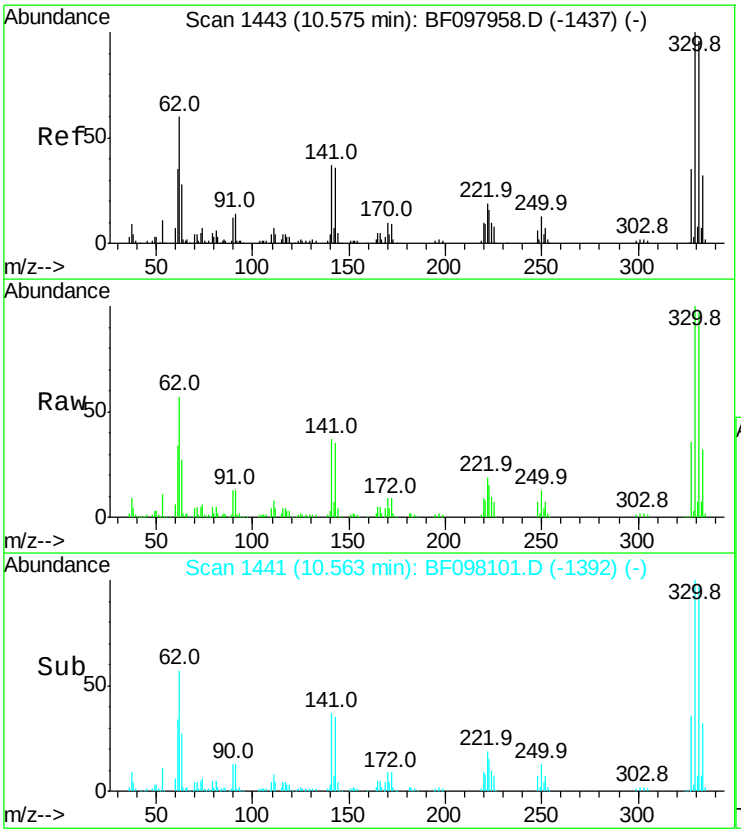
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF098101.D
Acq: 29 Aug 2017 7:58

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:164 Resp: 185410

Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.6	123.8
160	46.9	36.2	54.2

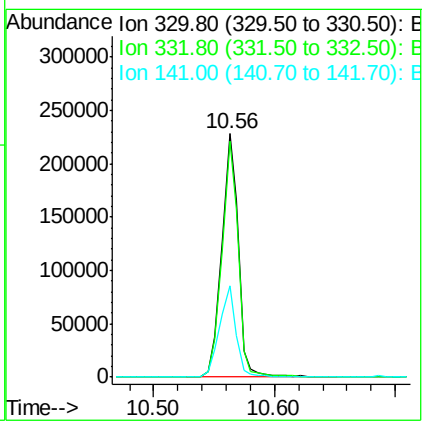


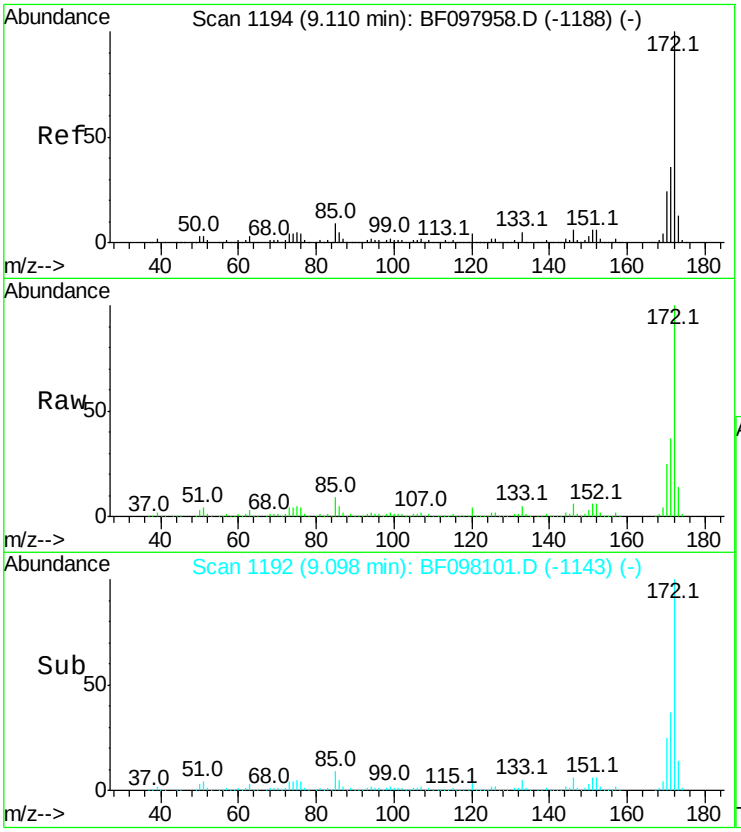


#41
2,4,6-Tribromophenol
Concen: 134.513 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF098101.D
Acq: 29 Aug 2017 7:58

Tgt Ion:330 Resp: 216395

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.6	115.0
141	37.5	31.4	47.2



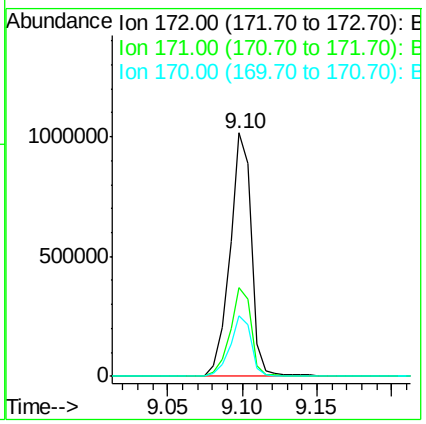


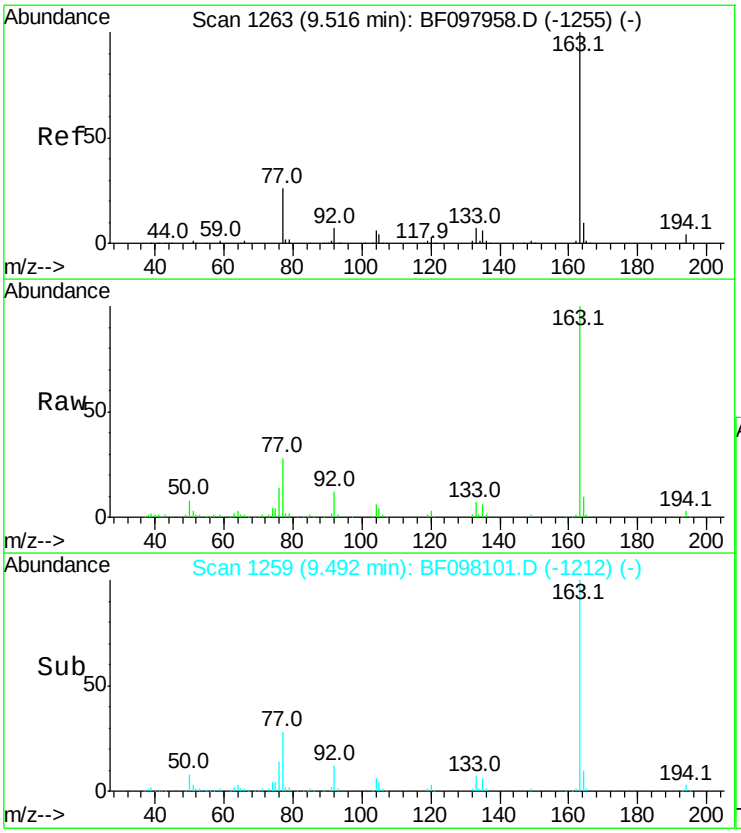
#44
2-Fluorobiphenyl
Concen: 81.917 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF098101.D
Acq: 29 Aug 2017 7:58

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:172 Resp: 1033775

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.6	19.8	29.8

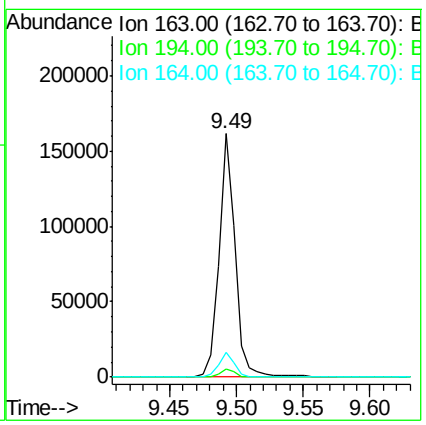


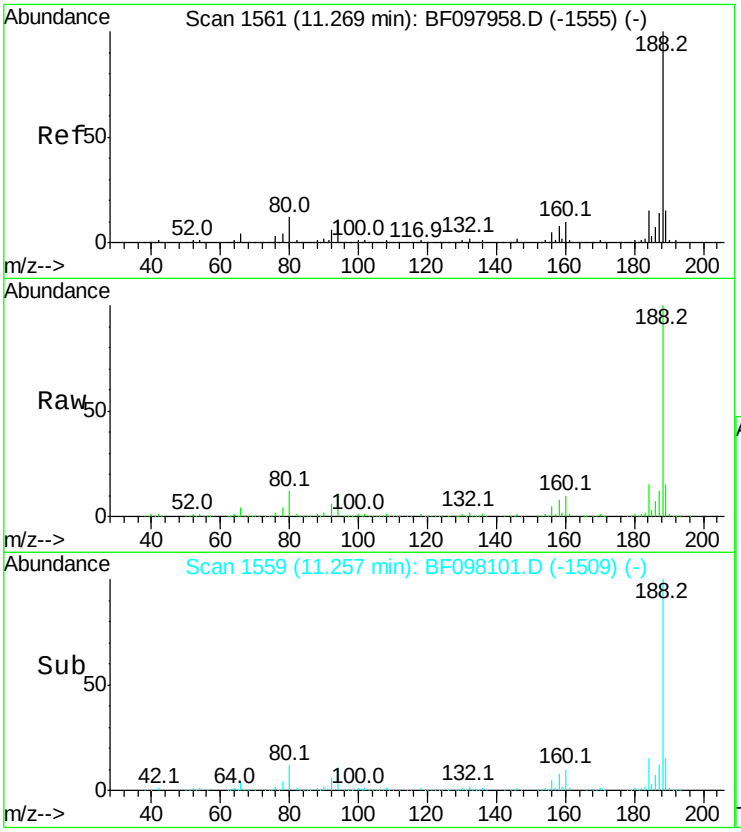


#49
Dimethylphthalate
Concen: 10.203 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF098101.D
Acq: 29 Aug 2017 7:58

Tgt Ion:163 Resp: 138280

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.3	8.4	12.6



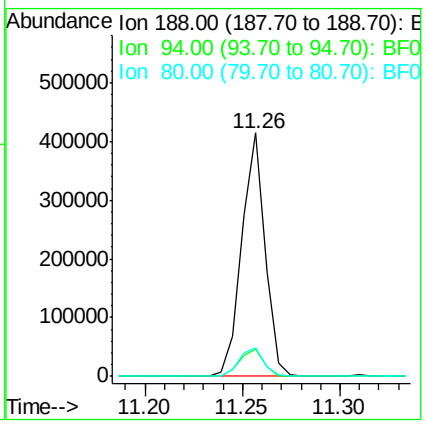


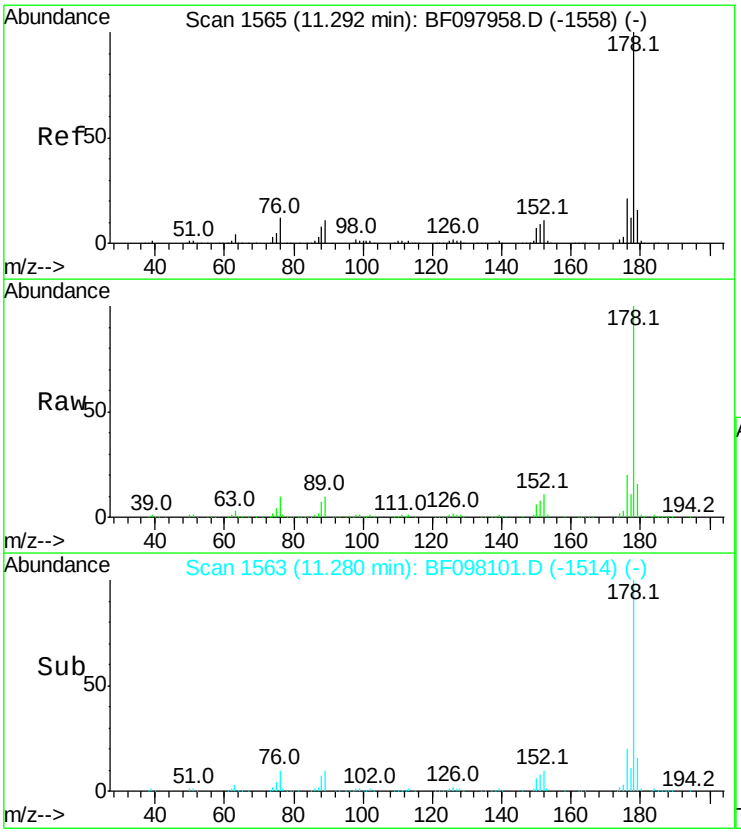
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF098101.D
Acq: 29 Aug 2017 7:58

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:188 Resp: 343715

Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.4	14.2
80	11.5	10.2	15.2

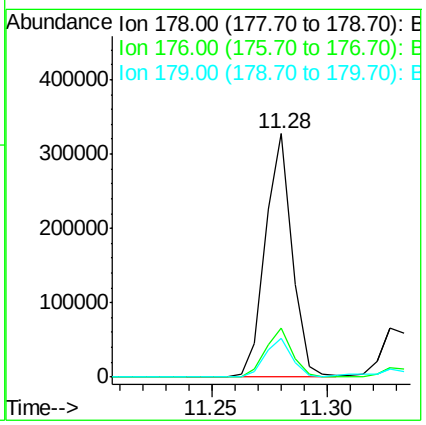


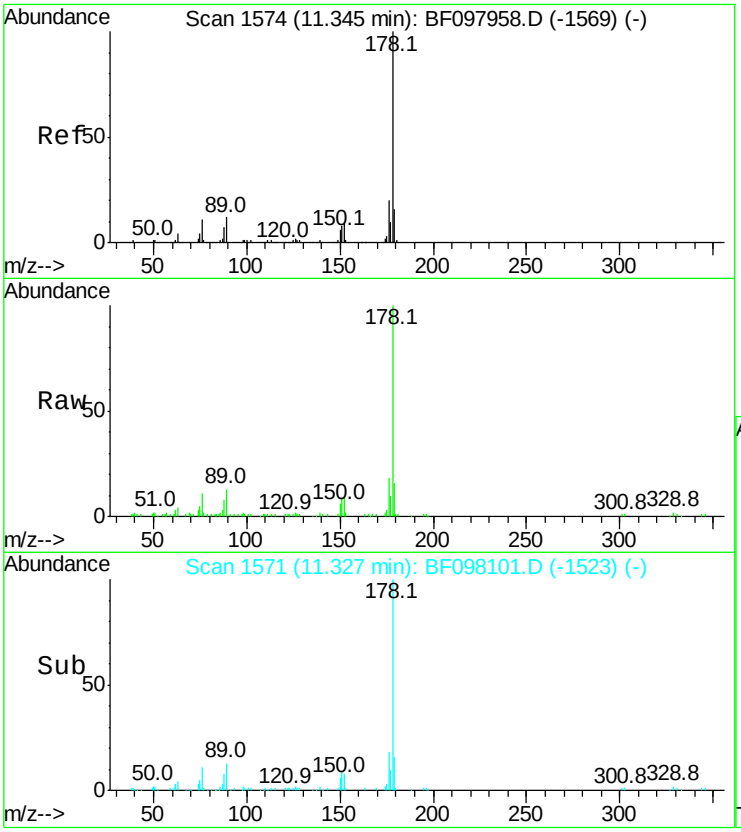


#70
Phenanthrene
Concen: 14.404 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF098101.D
Acq: 29 Aug 2017 7:58

Tgt Ion:178 Resp: 263810

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	15.7	12.6	19.0



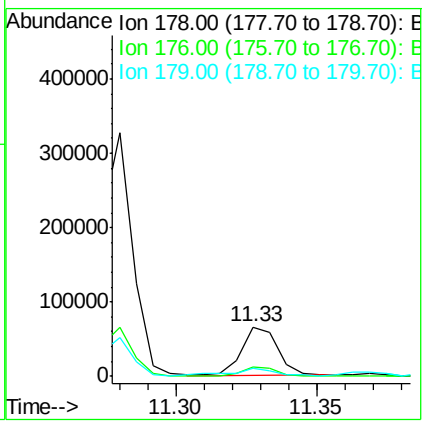


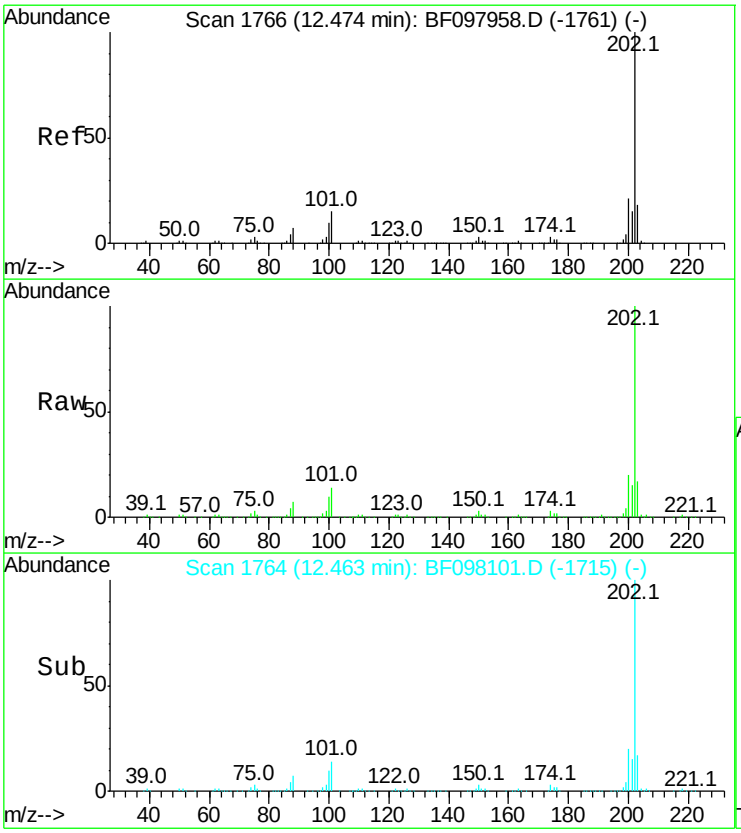
#71
Anthracene
Concen: 3.171 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.02 min
Lab File: BF098101.D
Acq: 29 Aug 2017 7:58

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:178 Resp: 58913

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.8	23.8
179	15.9	12.7	19.1

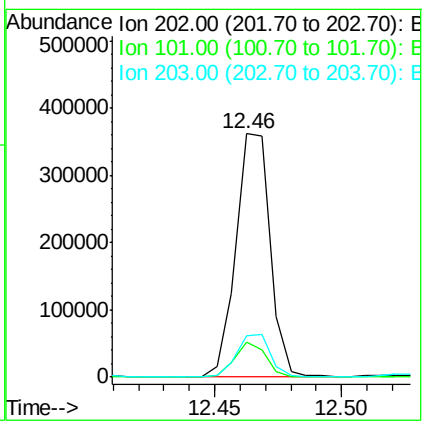


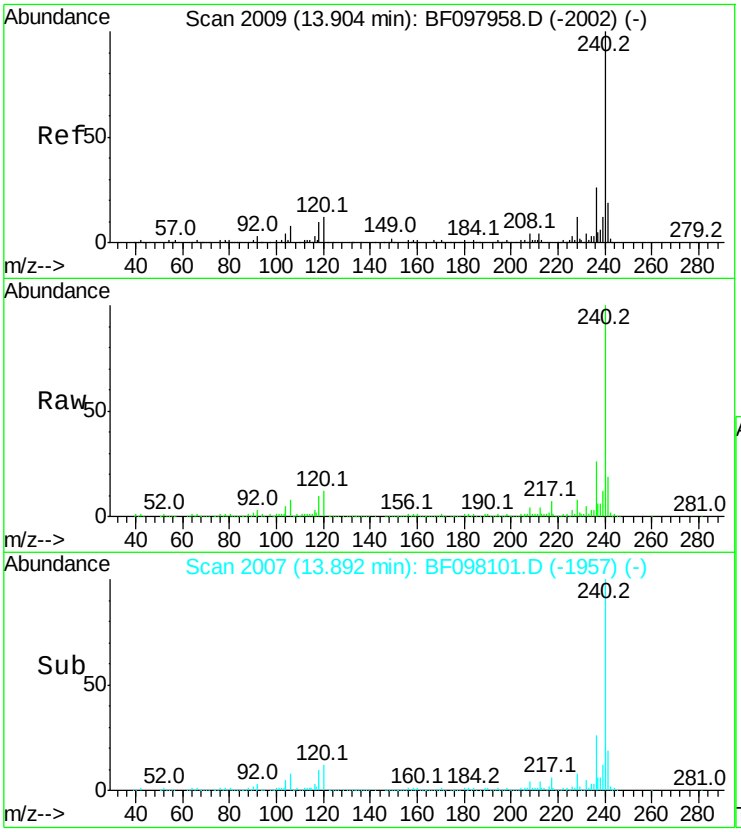


#74
Fluoranthene
Concen: 17.767 ng
RT: 12.46 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF098101.D
Acq: 29 Aug 2017 7:58

Tgt Ion:202 Resp: 339663

Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	33.2
203	17.2	0.0	38.1



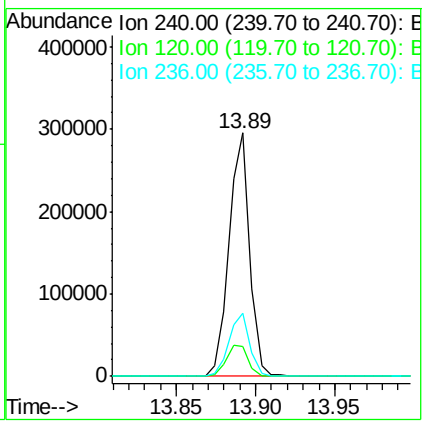


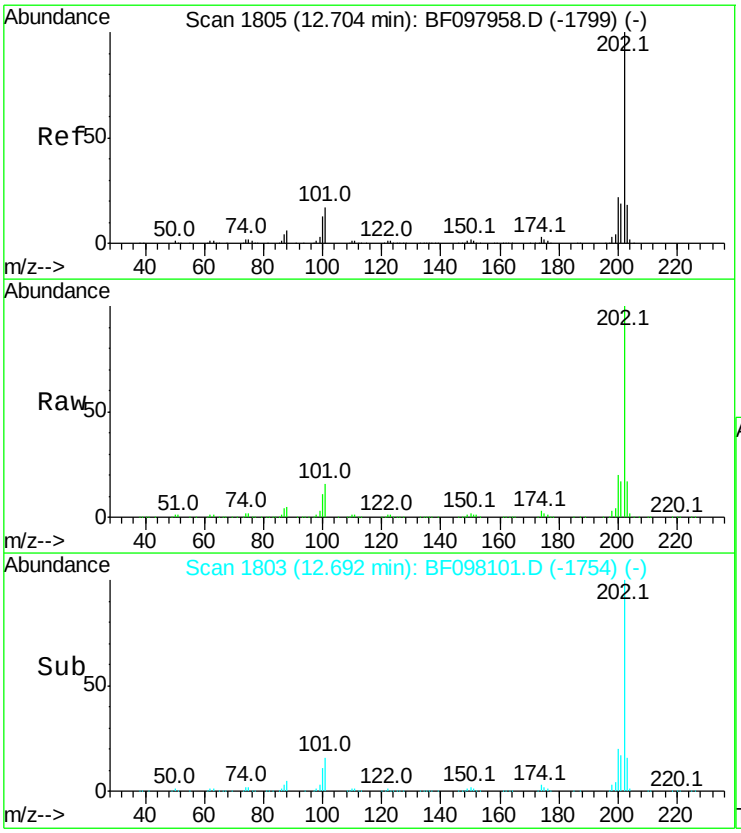
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF098101.D
Acq: 29 Aug 2017 7:58

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:240 Resp: 266861

Ion	Ratio	Lower	Upper
240	100		
120	12.4	5.8	8.8#
236	25.7	20.5	30.7

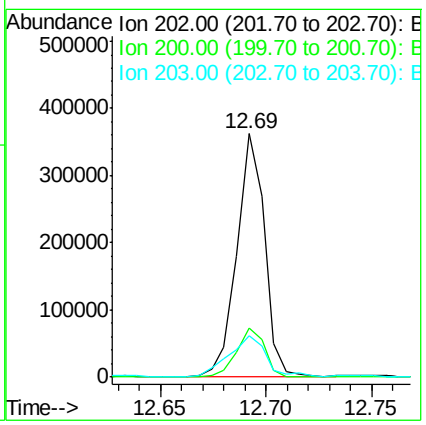


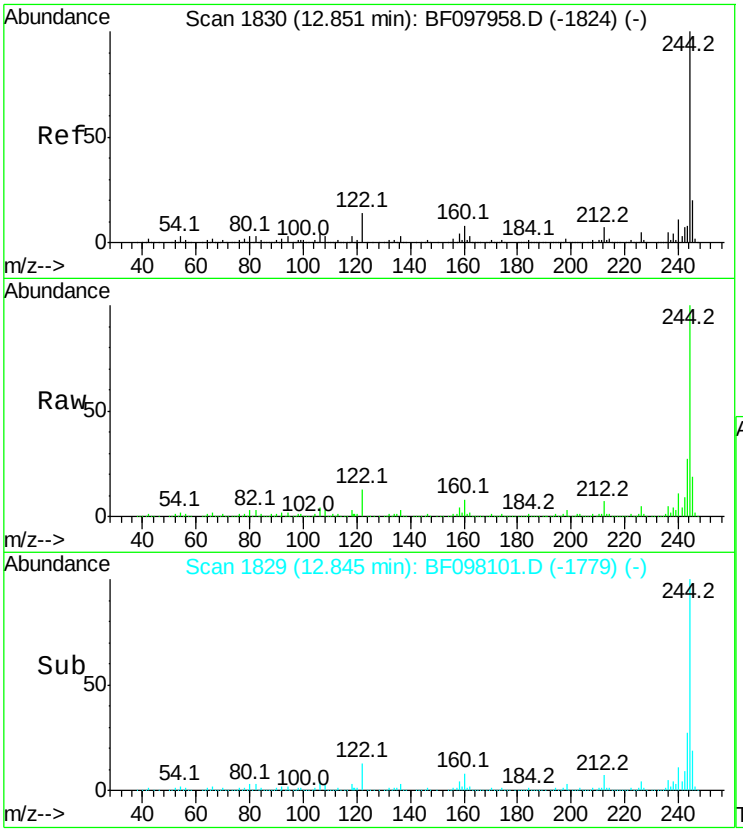


#77
Pyrene
Concen: 15.047 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF098101.D
Acq: 29 Aug 2017 7:58

Tgt Ion:202 Resp: 328428

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.6	26.4
203	16.9	14.4	21.6



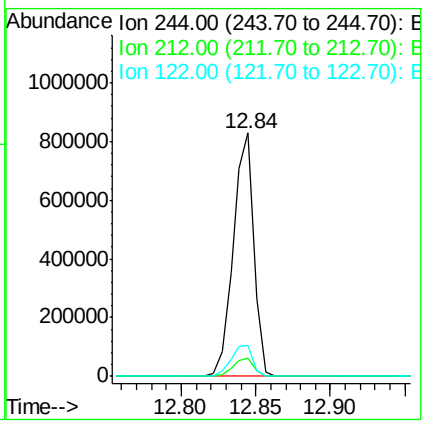


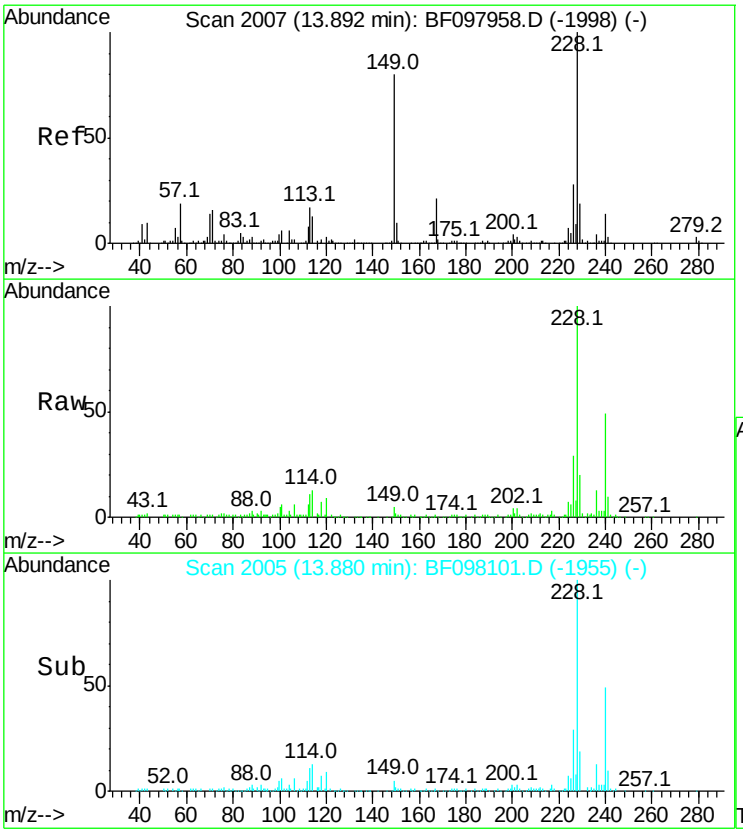
#78
Terphenyl-d14
Concen: 62.705 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF098101.D
Acq: 29 Aug 2017 7:58

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:244 Resp: 802438

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	12.5	10.3	15.5

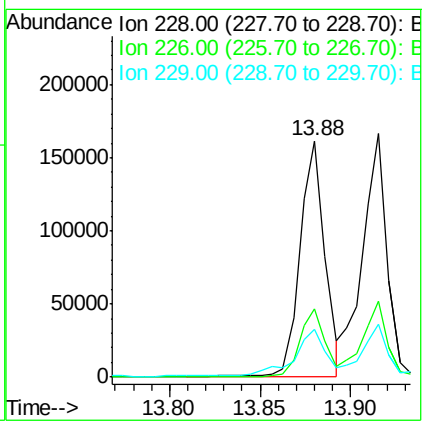


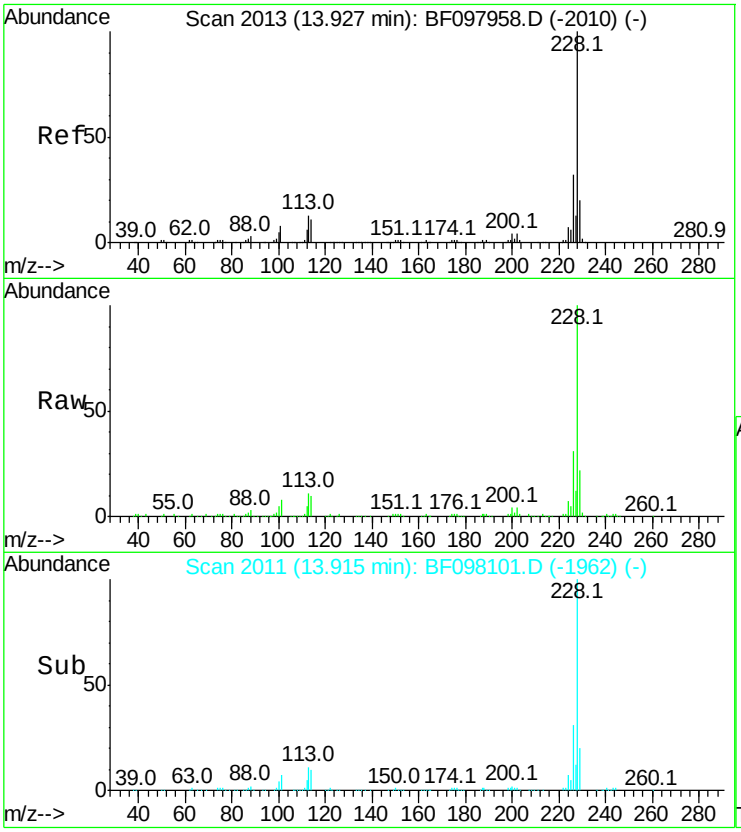


#80
Benzo(a)anthracene
Concen: 9.723 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF098101.D
Acq: 29 Aug 2017 7:58

Tgt Ion:228 Resp: 155504

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	33.8
229	20.1	16.3	24.5



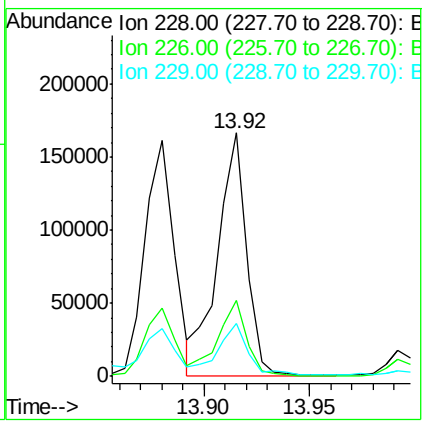


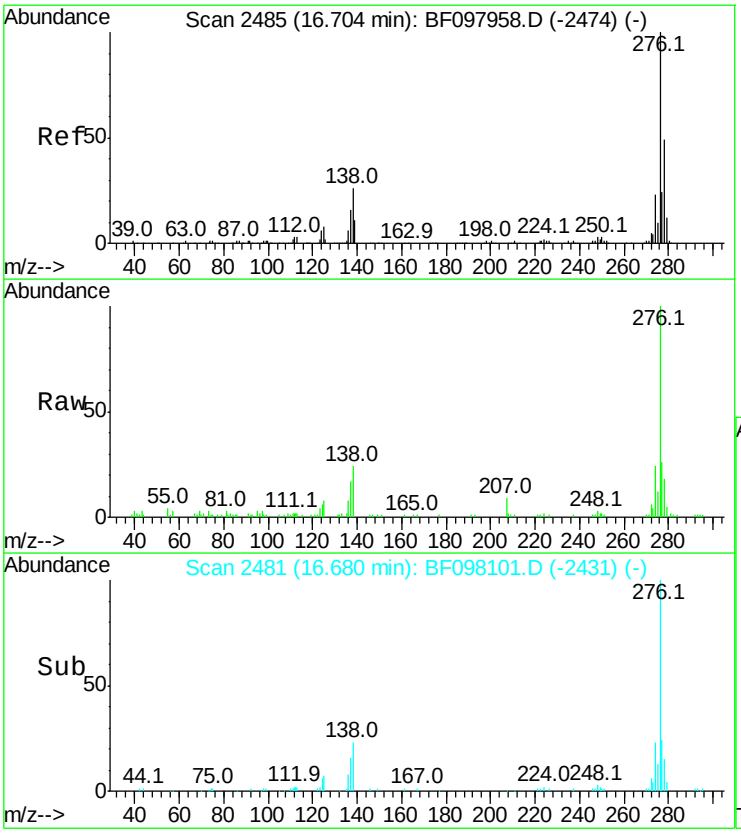
#82
Chrysene
Concen: 9.942 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF098101.D
Acq: 29 Aug 2017 7:58

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:228 Resp: 158177

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.9	37.3
229	21.6	15.8	23.6

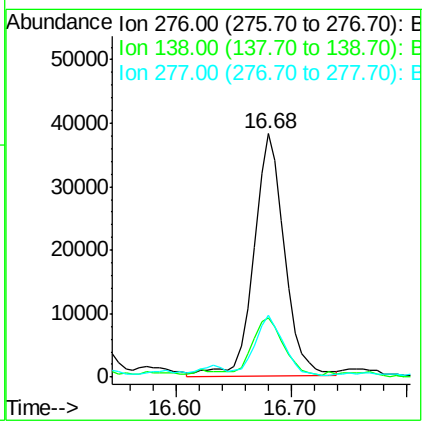


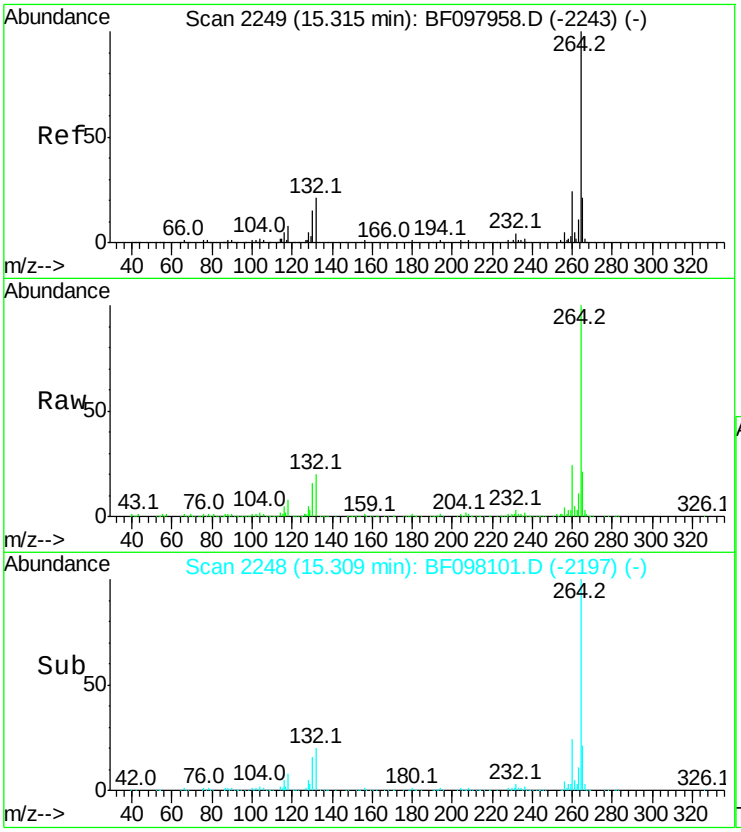


#85
Indeno(1,2,3-cd)pyrene
Concen: 6.038 ng
RT: 16.68 min Scan# 2481
Delta R.T. -0.01 min
Lab File: BF098101.D
Acq: 29 Aug 2017 7:58

Tgt Ion:276 Resp: 70665

Ion	Ratio	Lower	Upper
276	100		
138	23.6	27.8	41.6#
277	23.6	20.2	30.4



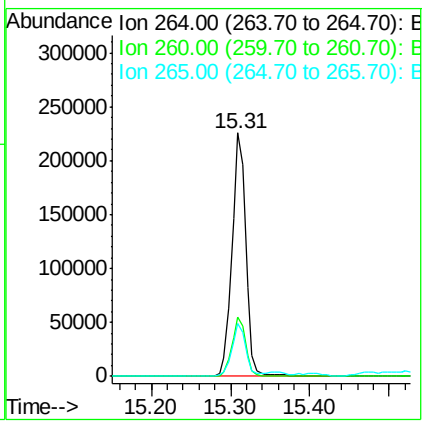


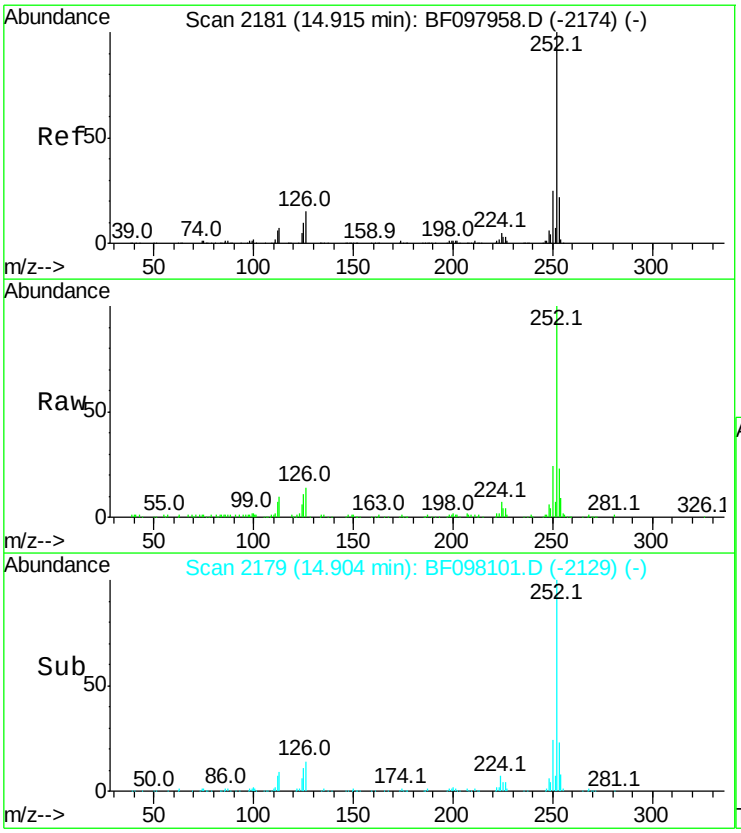
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.00 min
Lab File: BF098101.D
Acq: 29 Aug 2017 7:58

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:264 Resp: 273699

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.5	17.2	25.8

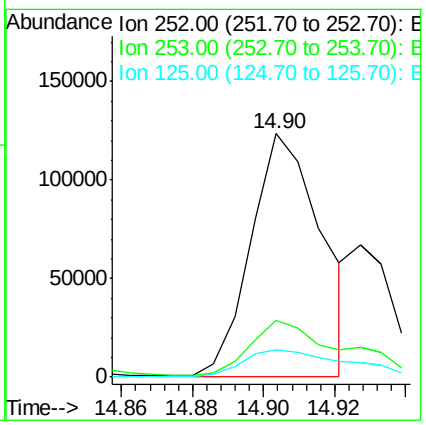


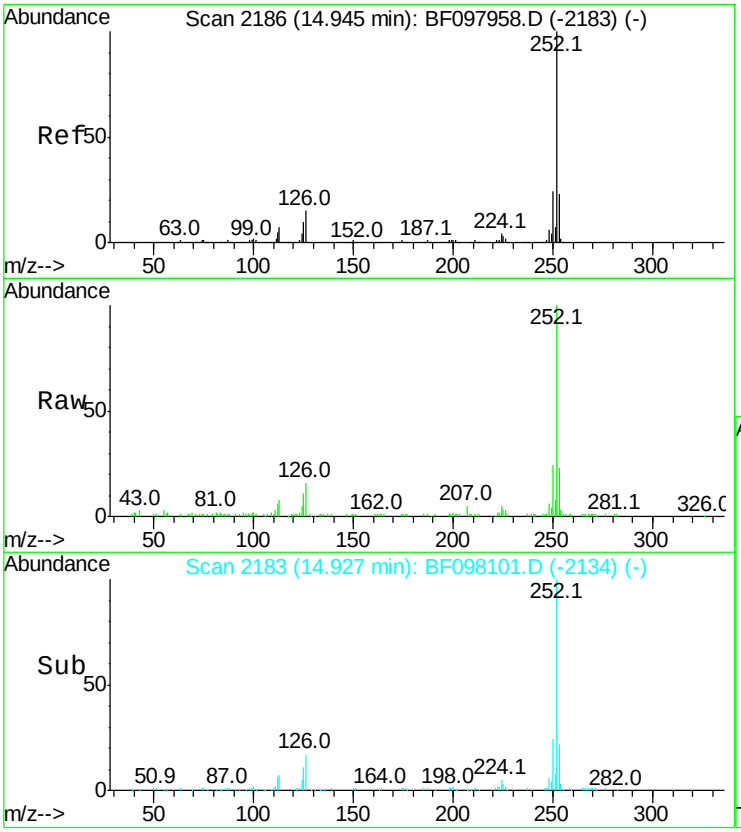


#87
Benzo(b)fluoranthene
Concen: 9.930 ng m
RT: 14.90 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF098101.D
Acq: 29 Aug 2017 7:58

Tgt Ion:252 Resp: 171311

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	11.4	9.8	14.8



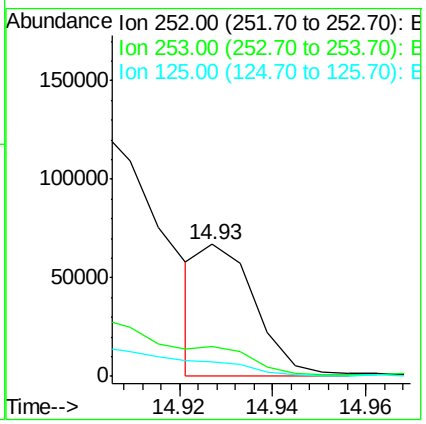


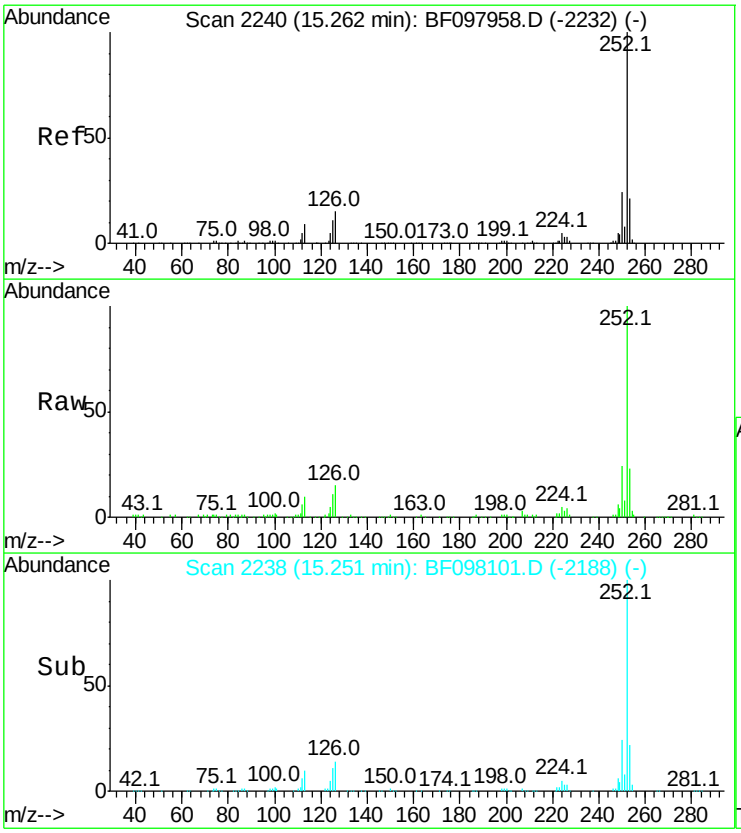
#88
Benzo(k)fluoranthene
Concen: 3.387 ng m
RT: 14.93 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BF098101.D
Acq: 29 Aug 2017 7:58

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:252 Resp: 54905

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	11.4	13.1	19.7#

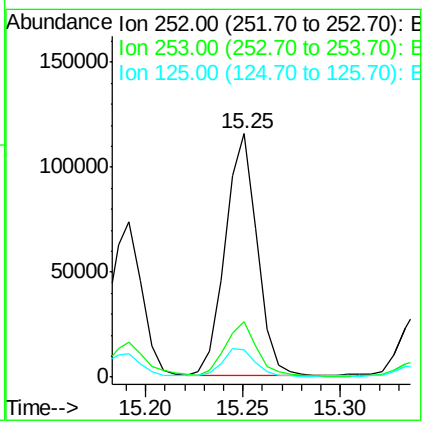


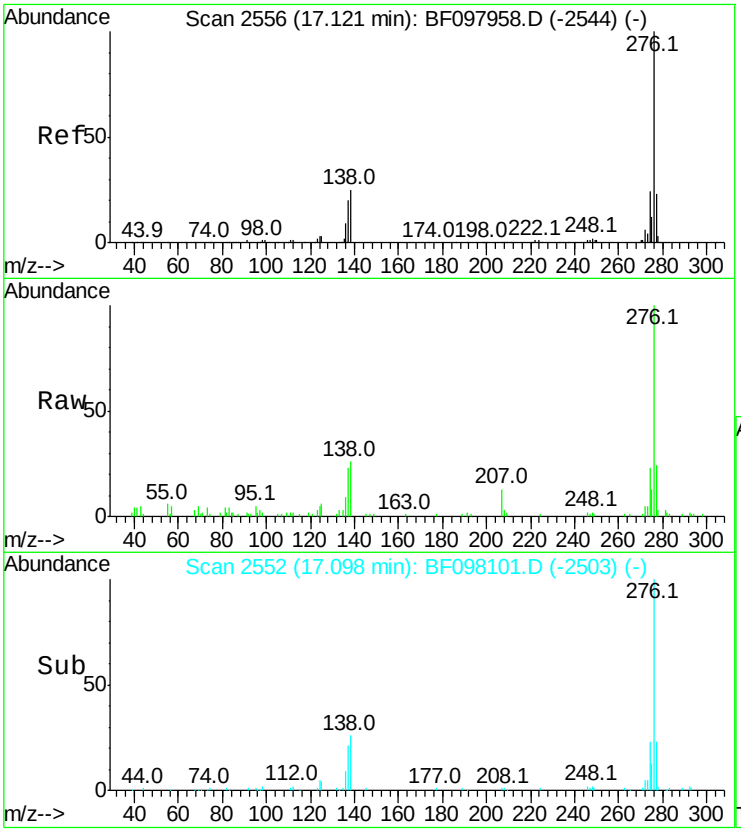


#89
Benzo(a)pyrene
Concen: 8.623 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF098101.D
Acq: 29 Aug 2017 7:58

Tgt Ion:252 Resp: 131698

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	11.3	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 4.928 ng
RT: 17.10 min Scan# 2552
Delta R.T. -0.01 min
Lab File: BF098101.D
Acq: 29 Aug 2017 7:58

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:276 Resp: 63931

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.6	28.0
138	25.8	25.4	38.0