Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092617\
Data File : BF098830.D
Acq On : 26 Sep 2017 14:16
Operator : SJ/JU
Sample : I5363-11 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 27 00:45:10 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	175912	20.00	ng		-0.01
21) Naphthalene-d8	8.19	136	762636	20.00	ng		-0.01
38) Acenaphthene-d10	9.95	164	339226	20.00	ng		-0.01
63) Phenanthrene-d10	11.44	188	603493	20.00	ng		0.00
75) Chrysene-d12	14.08	240	415508	20.00	ng		0.00
86) Perylene-d12	15.57	264	411090	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	212840	19.26	ng		-0.02
7) Phenol-d6	6.52	99	264316	19.39	ng		-0.02
23) Nitrobenzene-d5	7.47	82	154929	13.03	ng		-0.02
41) 2,4,6-Tribromophenol	10.73	330	52976	19.09	ng		-0.02
44) 2-Fluorobiphenyl	9.26	172	312988	15.40	ng		-0.02
78) Terphenyl-d14	13.02	244	269840	14.77	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.47	70	19813	2.28	ng	#	81
25) Isophorone	7.47	82	154776	6.30	ng	#	64
37) 2-Methylnaphthalene	8.90	142	54941	2.36	ng		99
50) 2,6-Dinitrotoluene	9.95	165	44666	8.01	ng	#	26
55) 4-Nitrophenol	10.15	139	16040	2.92	ng	#	12
56) 2,4-Dinitrotoluene	9.95	165	44666	6.17	ng	#	23
70) Phenanthrene	11.46	178	222124	6.88	ng		98
71) Anthracene	11.51	178	282787	8.56	ng		99
72) Carbazole	11.66	167	68104	2.10	ng		100
74) Fluoranthene	12.65	202	530588	16.22	ng		98
77) Pyrene	12.88	202	480920	15.18	ng		100
80) Benzo(a)anthracene	14.07	228	183698	7.30	ng		95
82) Chrysene	14.10	228	275178	11.49	ng		98
85) Indeno(1,2,3-cd)pyrene	17.07	276	83722	4.37	ng		100
87) Benzo(b)fluoranthene	15.13	252	402093	15.91	ng	#	94
88) Benzo(k)fluoranthene	15.13	252	402093	16.11	ng	#	97
89) Benzo(a)pyrene	15.50	252	125487	5.41	ng	#	95
91) Benzo(g,h,i)perylene	17.52	276	74112	4.04	ng		98

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

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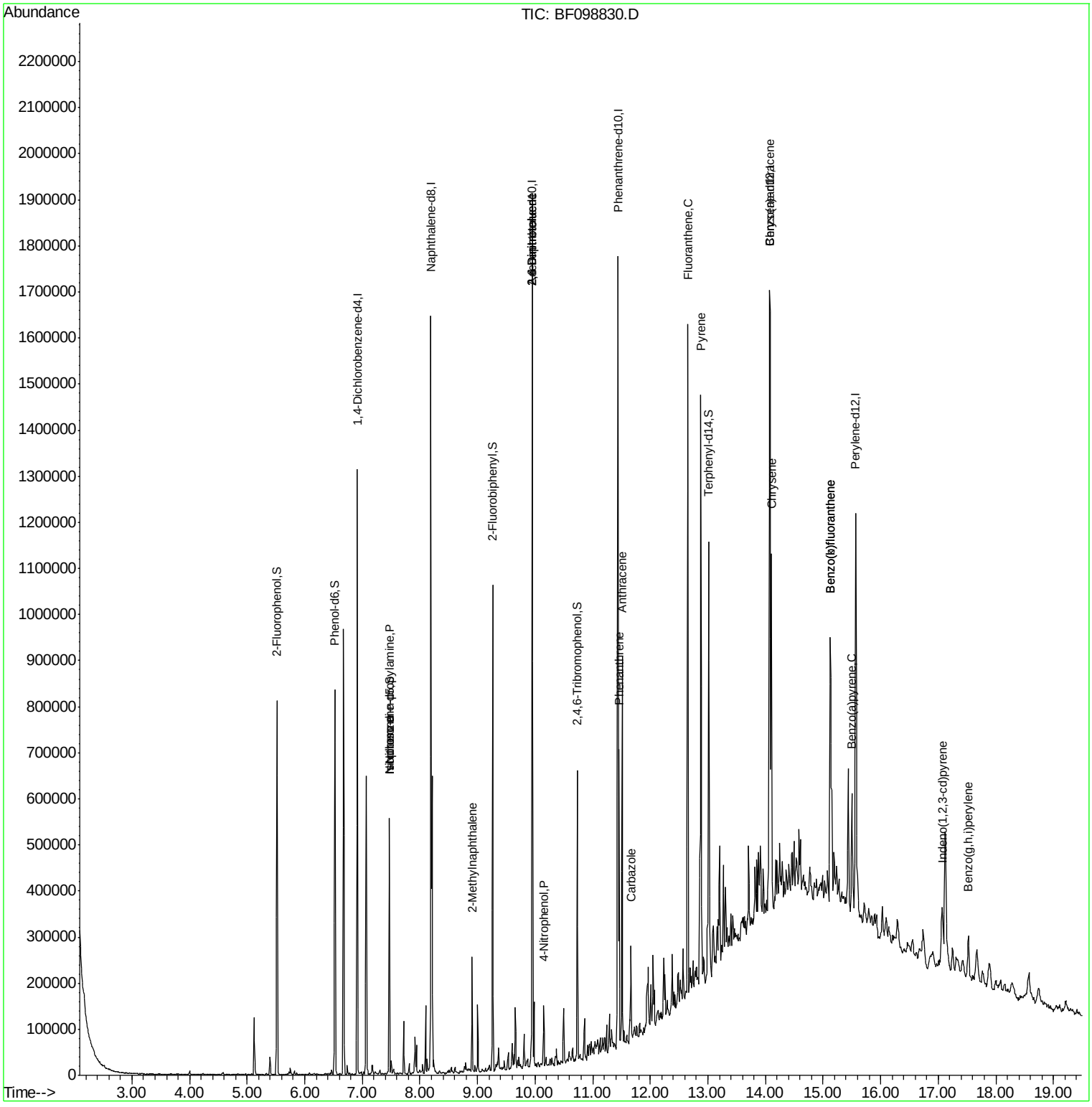
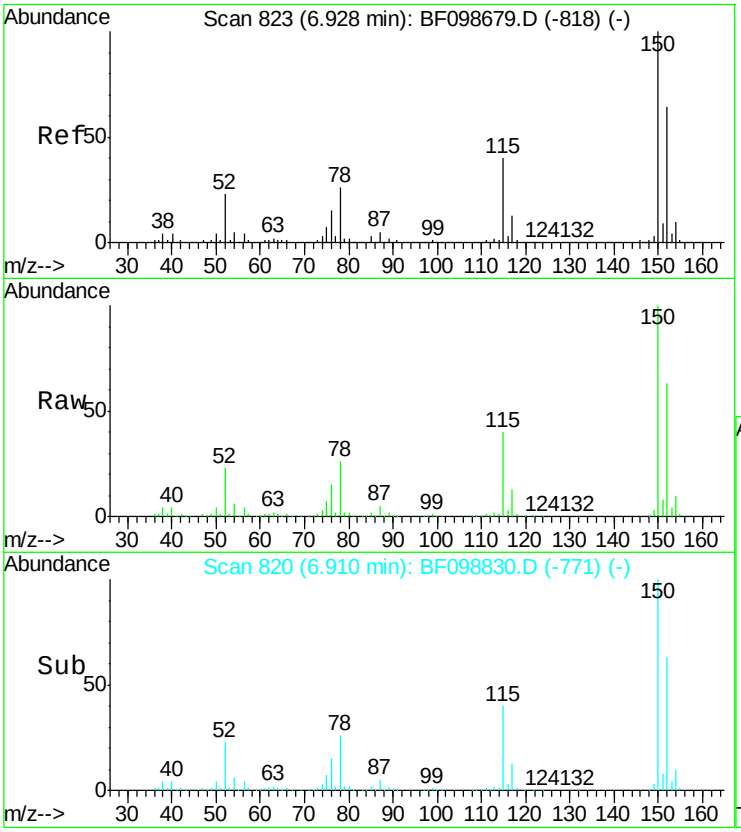


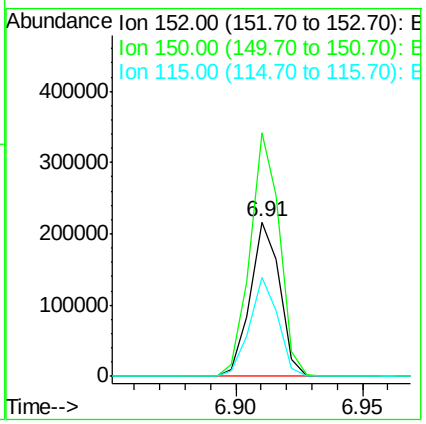


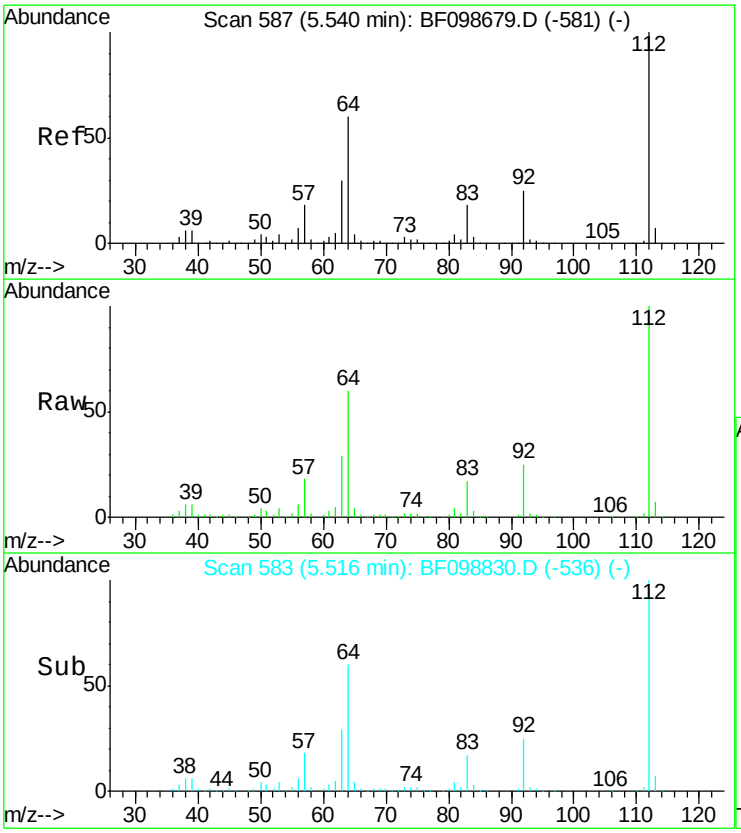
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF098830.D
Acq: 26 Sep 2017 14:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 175912

Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	63.8	50.1	75.1

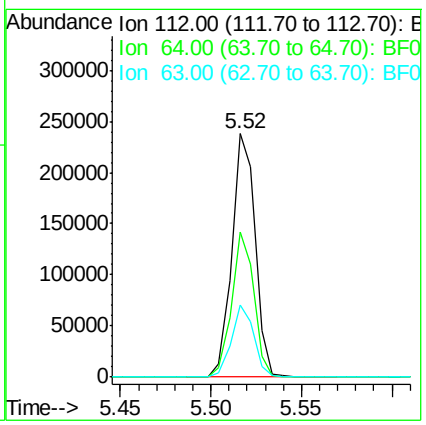


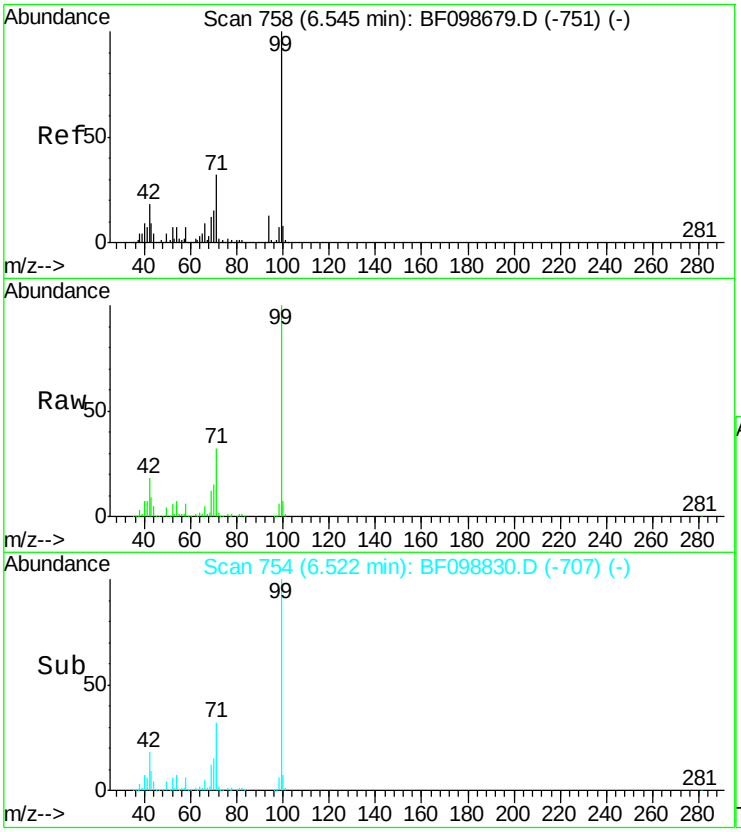


#5
2-Fluorophenol
Concen: 19.26 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.02 min
Lab File: BF098830.D
Acq: 26 Sep 2017 14:16

Tgt Ion:112 Resp: 212840

Ion	Ratio	Lower	Upper
112	100		
64	59.7	47.9	71.9
63	29.4	23.7	35.5



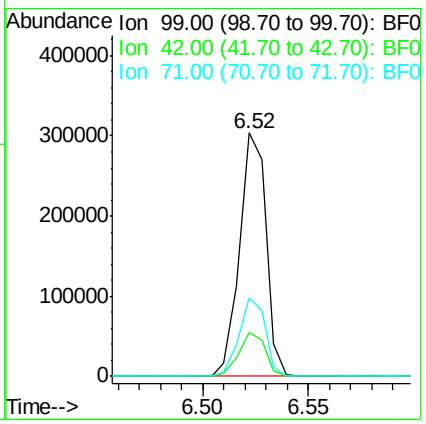


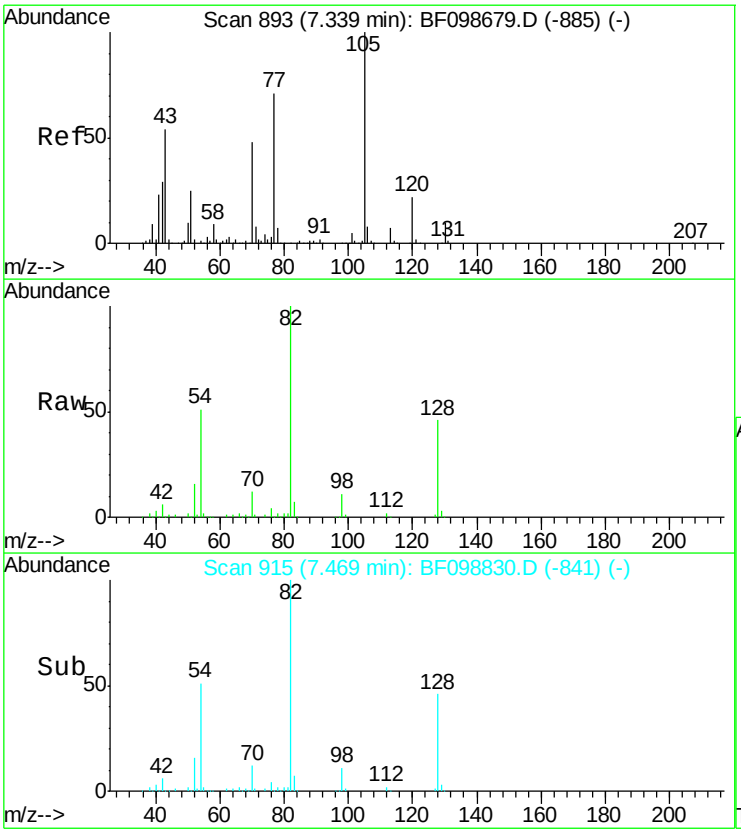
#7
Phenol-d6
Concen: 19.39 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.02 min
Lab File: BF098830.D
Acq: 26 Sep 2017 14:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 264316

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.5	21.7
71	32.3	25.4	38.0

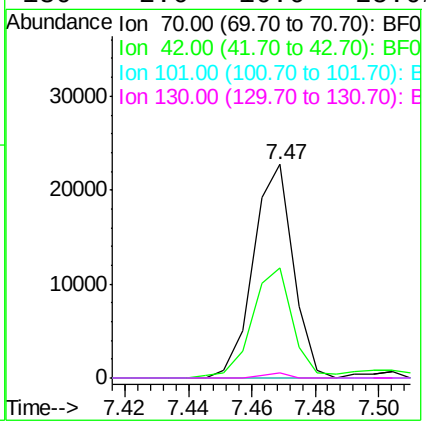


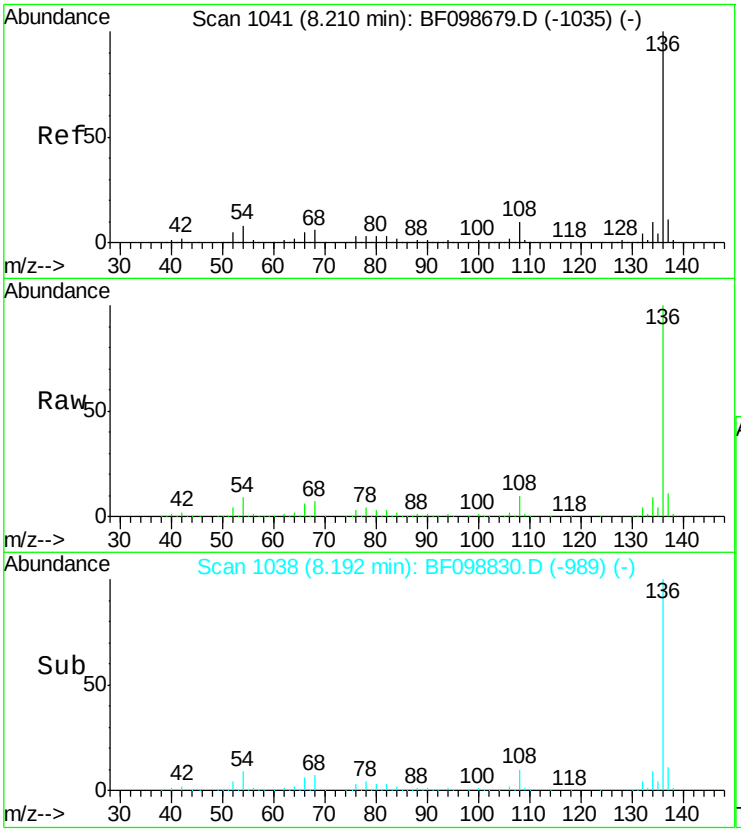


#19
n-Nitroso-di-n-propylamine
Concen: 2.28 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.14 min
Lab File: BF098830.D
Acq: 26 Sep 2017 14:16

Tgt Ion: 70 Resp: 19813

Ion	Ratio	Lower	Upper
70	100		
42	51.4	47.5	71.3
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#



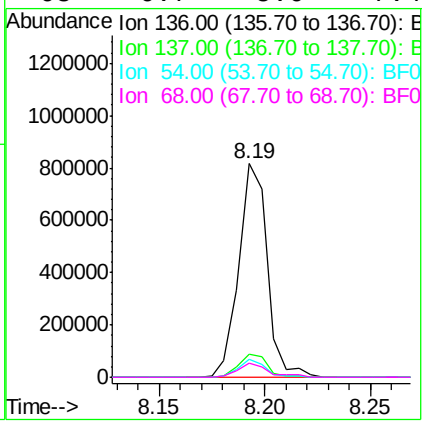


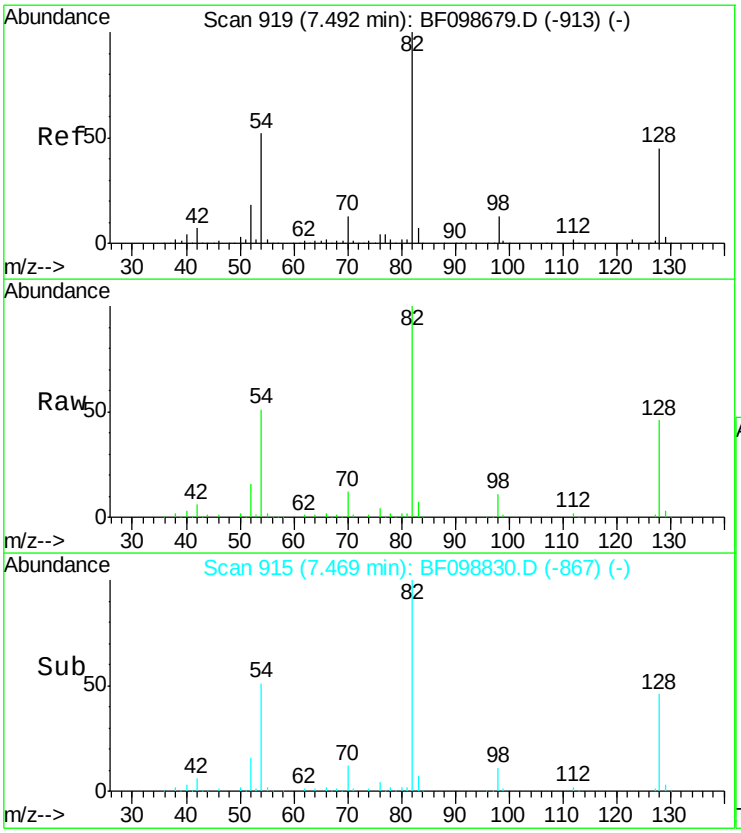
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF098830.D
Acq: 26 Sep 2017 14:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 762636

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.5	6.6	9.8
68	6.7	5.0	7.4

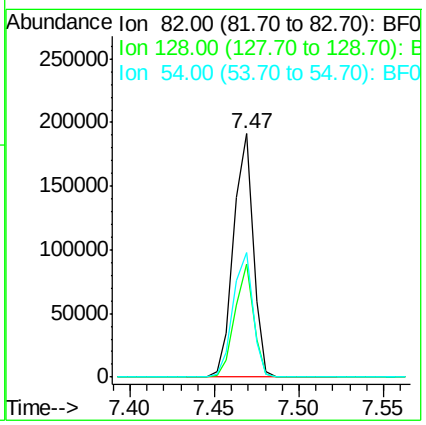


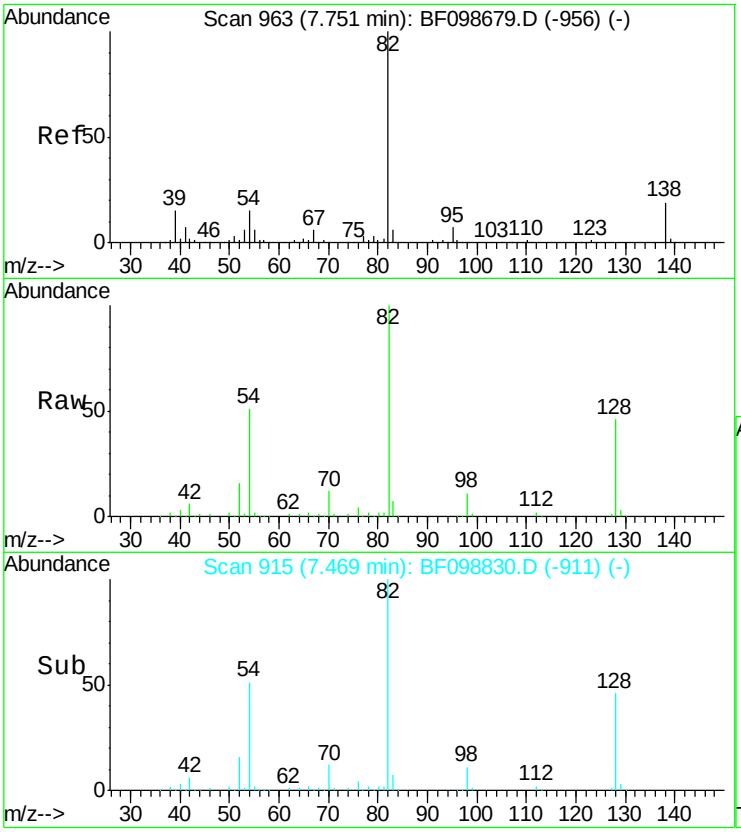


#23
Nitrobenzene-d5
Concen: 13.03 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.02 min
Lab File: BF098830.D
Acq: 26 Sep 2017 14:16

Tgt Ion: 82 Resp: 154929

Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	51.3	41.4	62.2



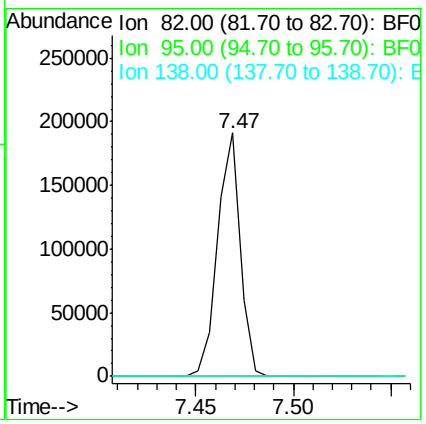


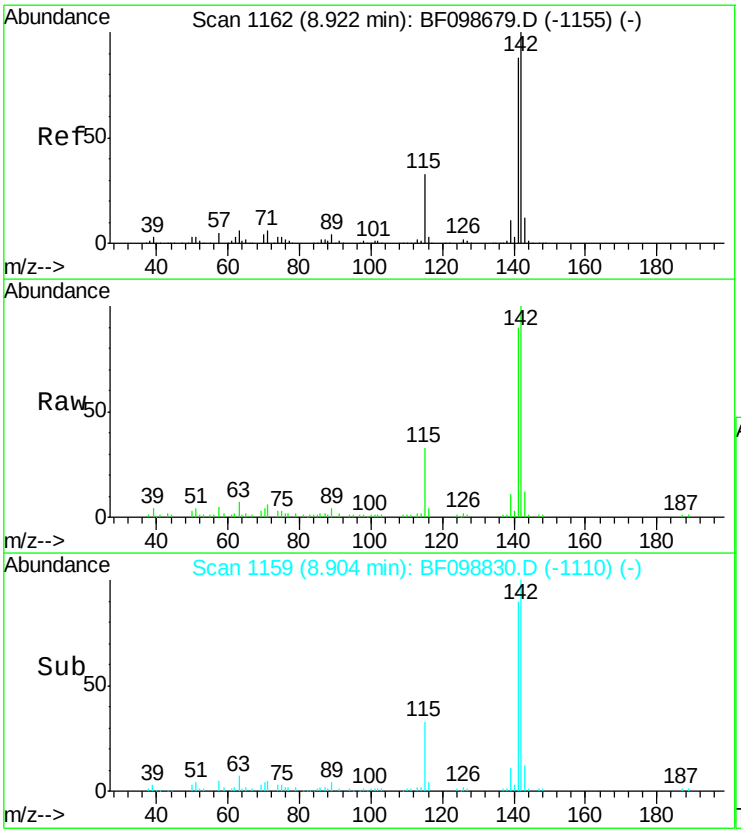
#25
Isophorone
Concen: 6.30 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.28 min
Lab File: BF098830.D
Acq: 26 Sep 2017 14:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 154776

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

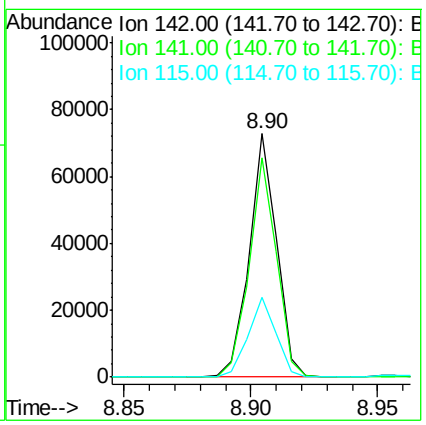


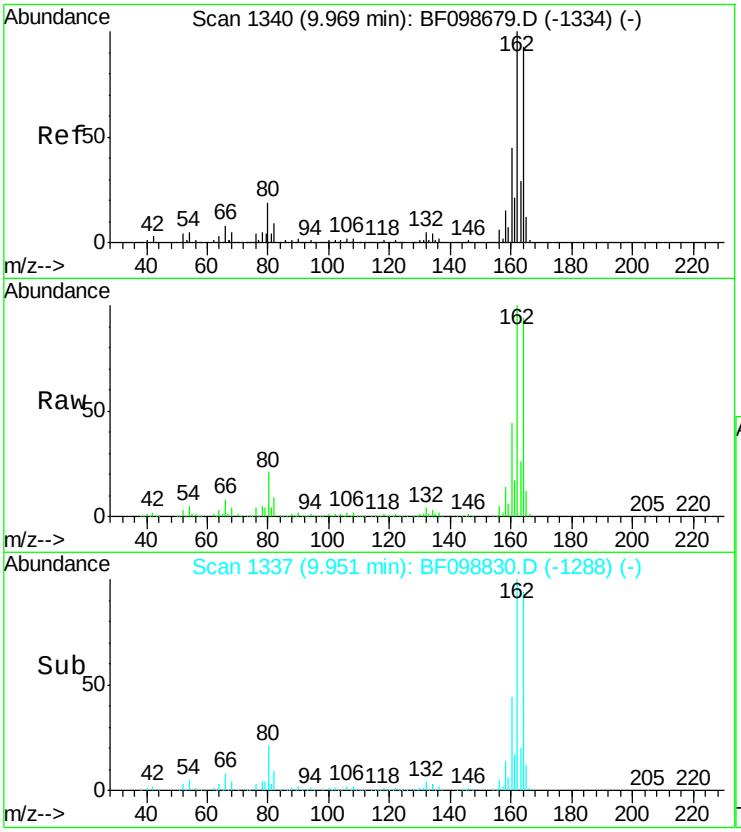


#37
2-Methylnaphthalene
Concen: 2.36 ng
RT: 8.90 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BF098830.D
Acq: 26 Sep 2017 14:16

Tgt Ion:142 Resp: 54941

Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.8	106.2
115	32.9	26.1	39.1



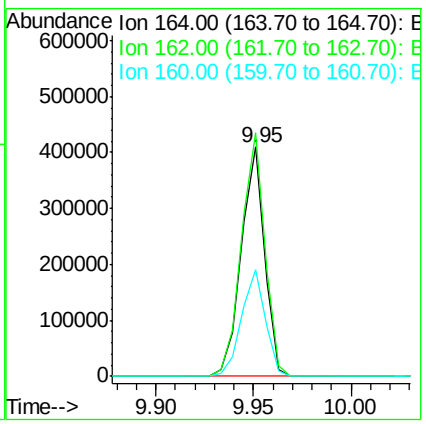


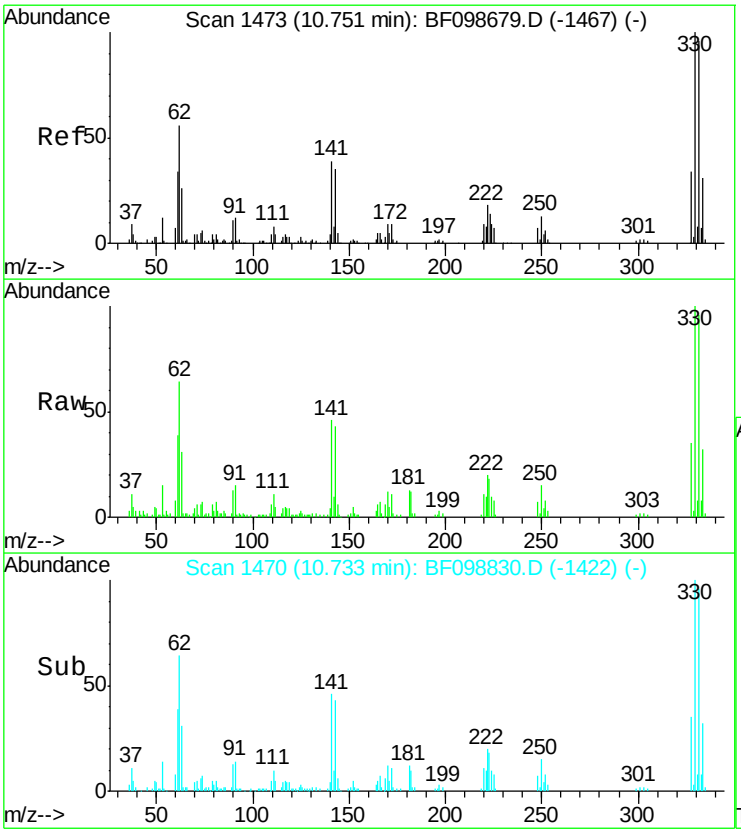
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098830.D
Acq: 26 Sep 2017 14:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 339226

Ion	Ratio	Lower	Upper
164	100		
162	106.3	86.1	129.1
160	46.4	38.3	57.5

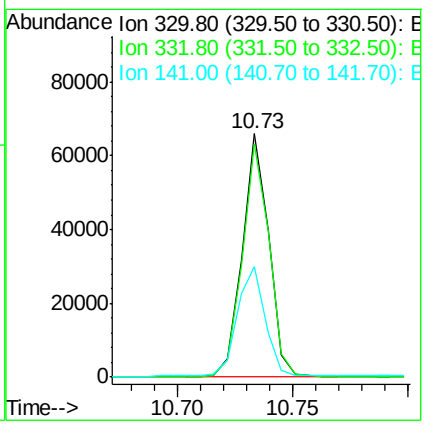


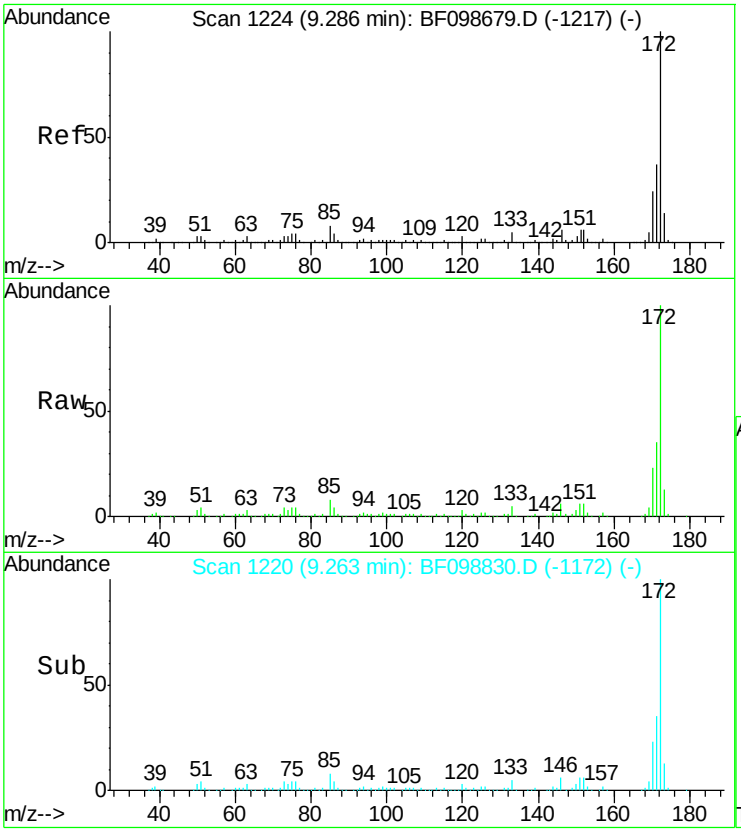


#41
2,4,6-Tribromophenol
Concen: 19.09 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.02 min
Lab File: BF098830.D
Acq: 26 Sep 2017 14:16

Tgt Ion:330 Resp: 52976

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	50.4	29.9	44.9#



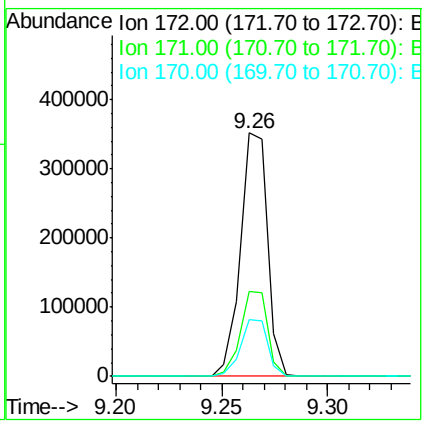


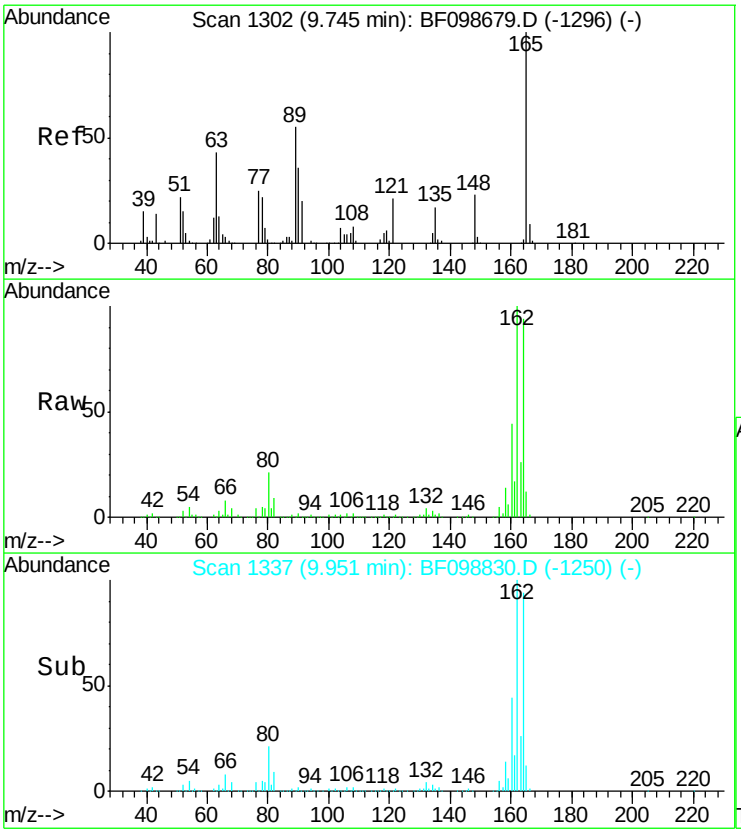
#44
2-Fluorobiphenyl
Concen: 15.40 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.02 min
Lab File: BF098830.D
Acq: 26 Sep 2017 14:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 312988

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.7	44.5
170	23.3	19.6	29.4

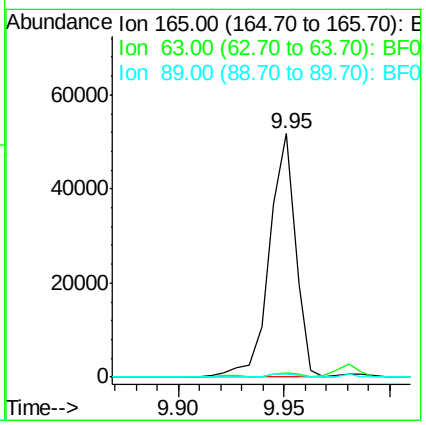


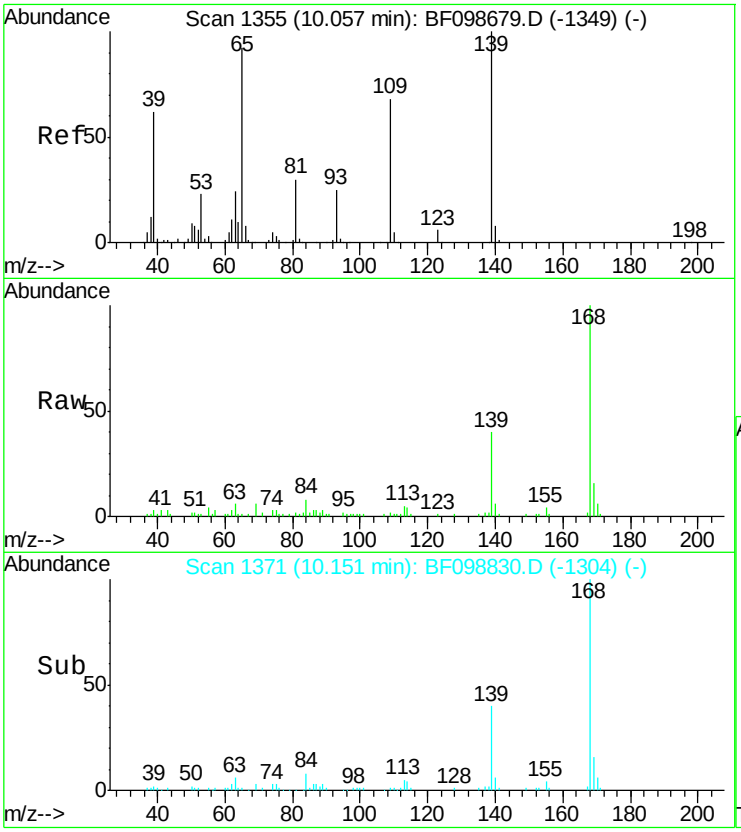


#50
2,6-Dinitrotoluene
Concen: 8.01 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.21 min
Lab File: BF098830.D
Acq: 26 Sep 2017 14:16

Tgt Ion:165 Resp: 44666

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.4	44.0	66.0#



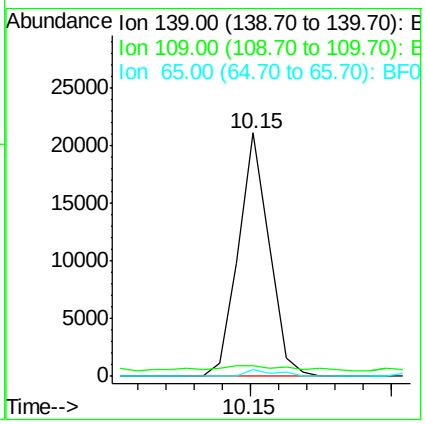


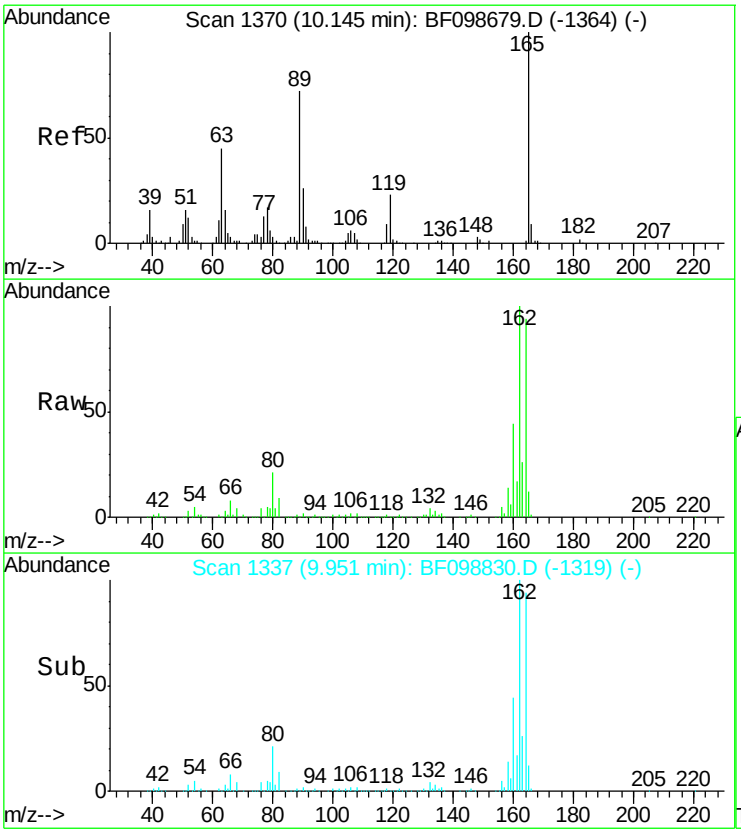
#55
4-Nitrophenol
Concen: 2.92 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.09 min
Lab File: BF098830.D
Acq: 26 Sep 2017 14:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 16040

Ion	Ratio	Lower	Upper
139	100		
109	4.4	48.4	88.4#
65	2.6	72.6	112.6#

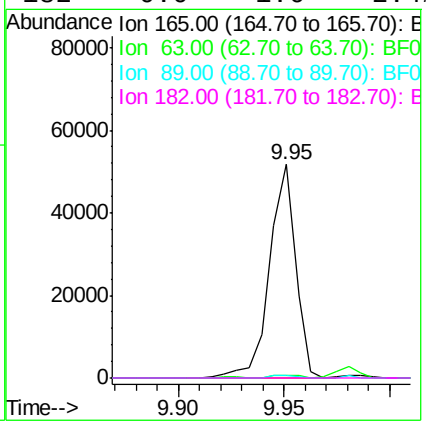


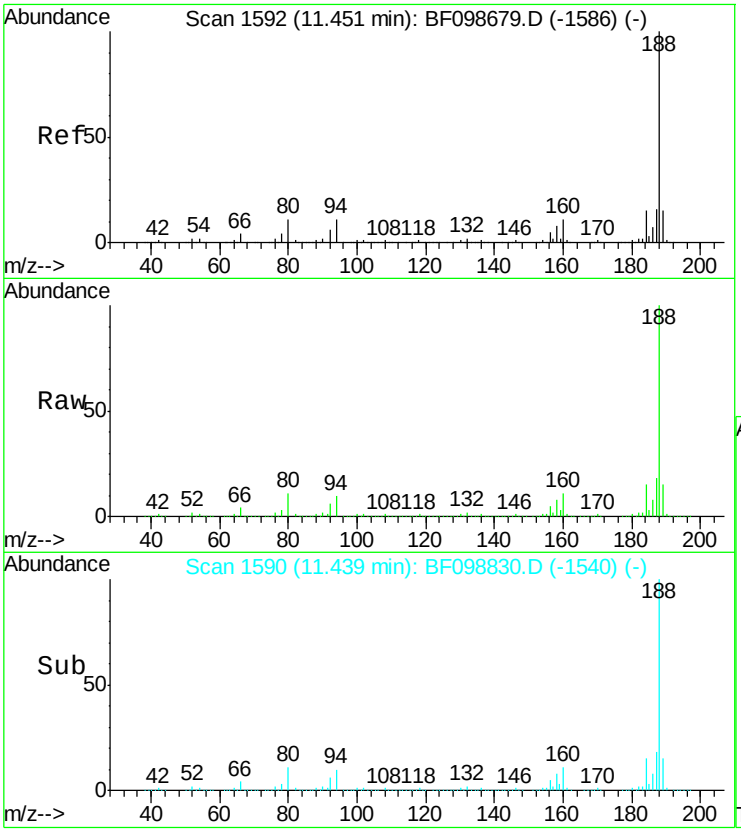


#56
2,4-Dinitrotoluene
Concen: 6.17 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.19 min
Lab File: BF098830.D
Acq: 26 Sep 2017 14:16

Tgt Ion:165 Resp: 44666

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



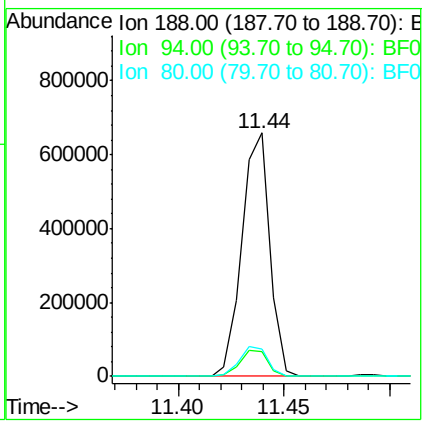


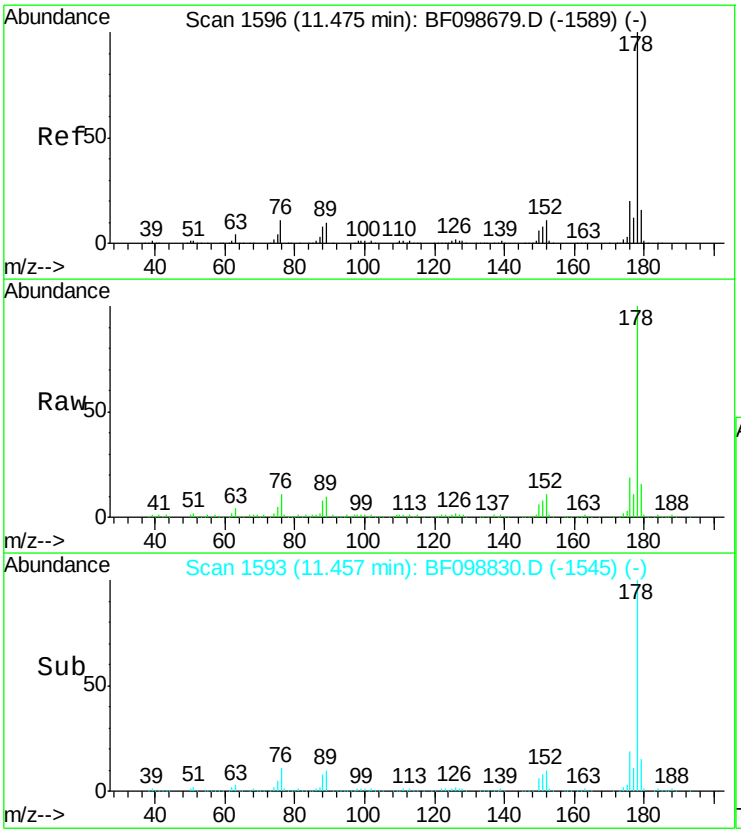
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098830.D
Acq: 26 Sep 2017 14:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 603493

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.0	9.2	13.8

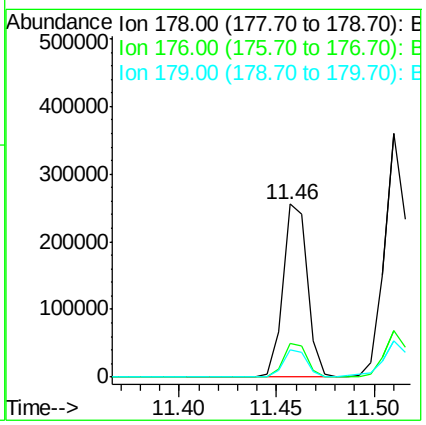


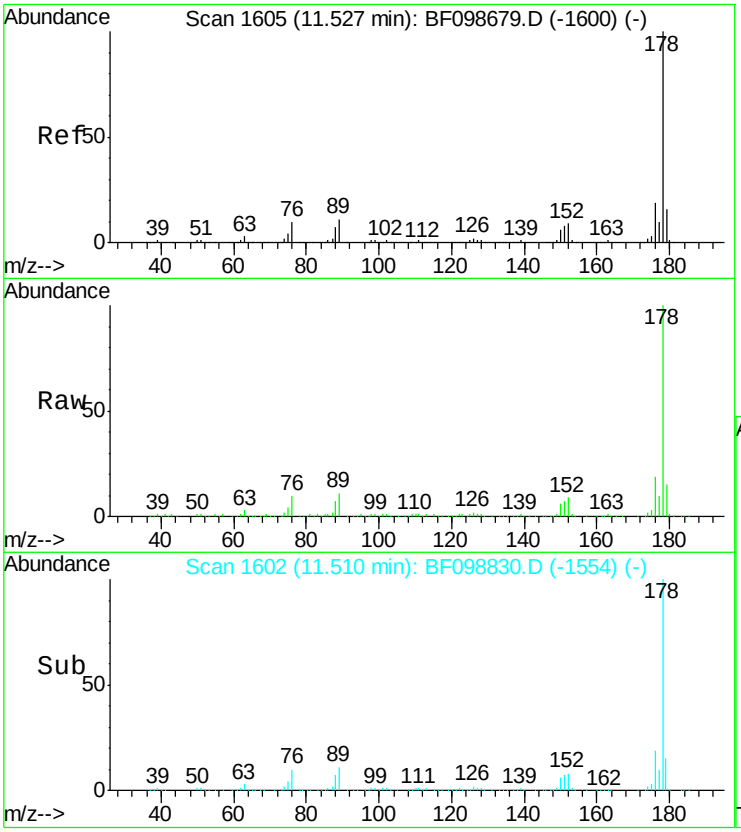


#70
Phenanthrene
Concen: 6.88 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.02 min
Lab File: BF098830.D
Acq: 26 Sep 2017 14:16

Tgt Ion:178 Resp: 222124

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.6	13.0	19.6



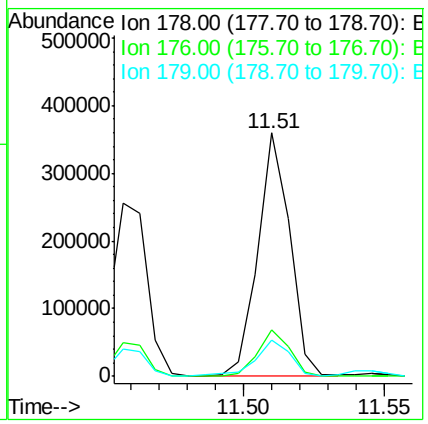


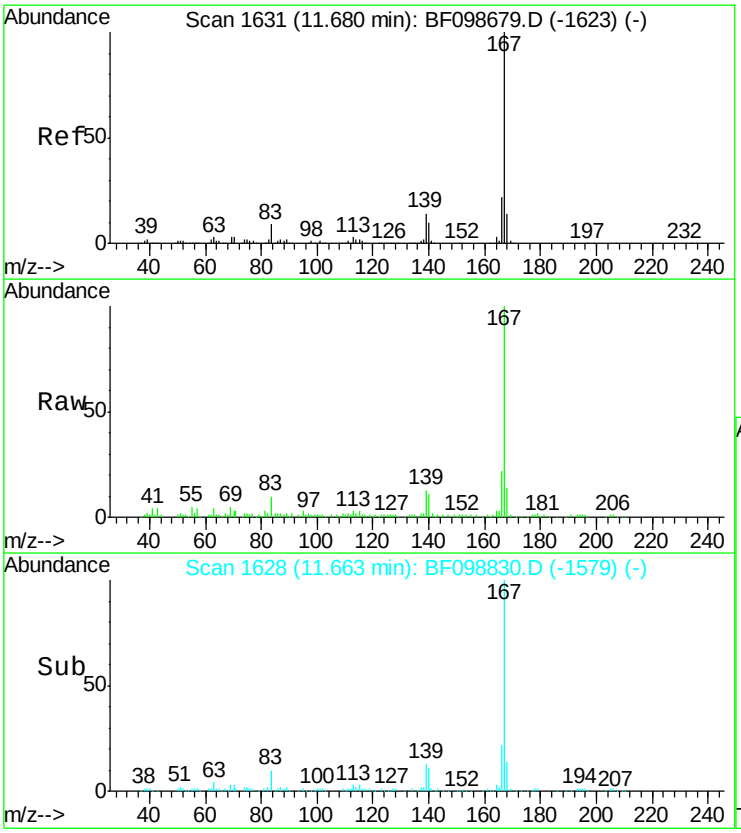
#71
Anthracene
Concen: 8.56 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.02 min
Lab File: BF098830.D
Acq: 26 Sep 2017 14:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 282787

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.0	12.6	19.0

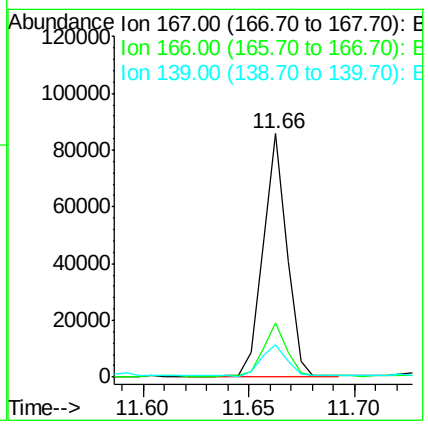


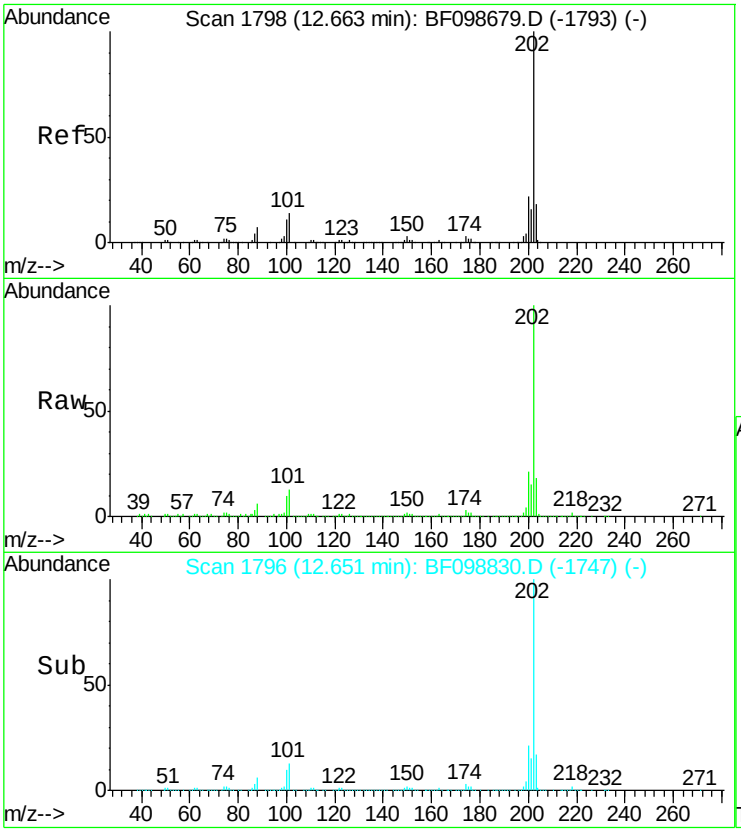


#72
Carbazole
Concen: 2.10 ng
RT: 11.66 min Scan# 1628
Delta R.T. -0.01 min
Lab File: BF098830.D
Acq: 26 Sep 2017 14:16

Tgt Ion:167 Resp: 68104

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	13.5	10.9	16.3



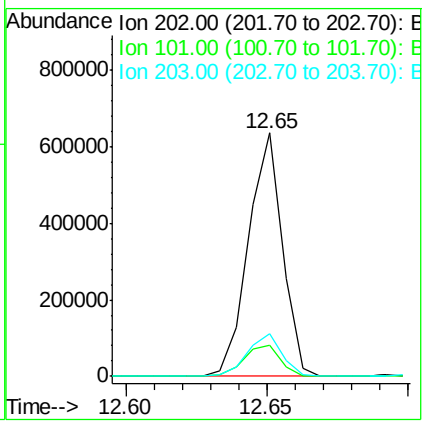


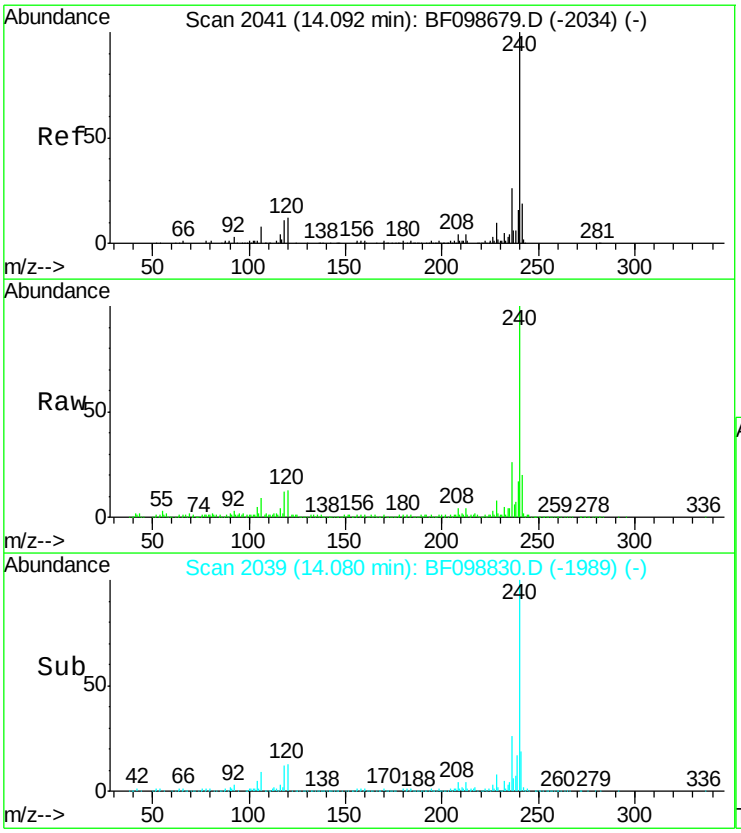
#74
Fluoranthene
Concen: 16.22 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF098830.D
Acq: 26 Sep 2017 14:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 530588

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	34.1
203	17.6	0.0	38.1

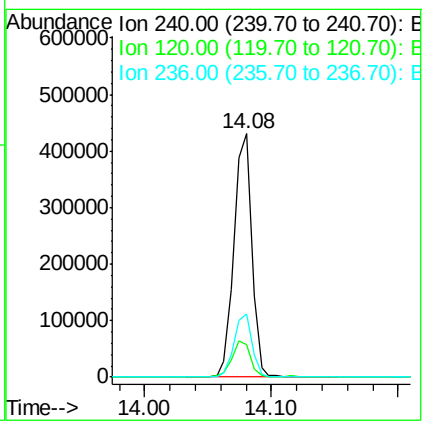


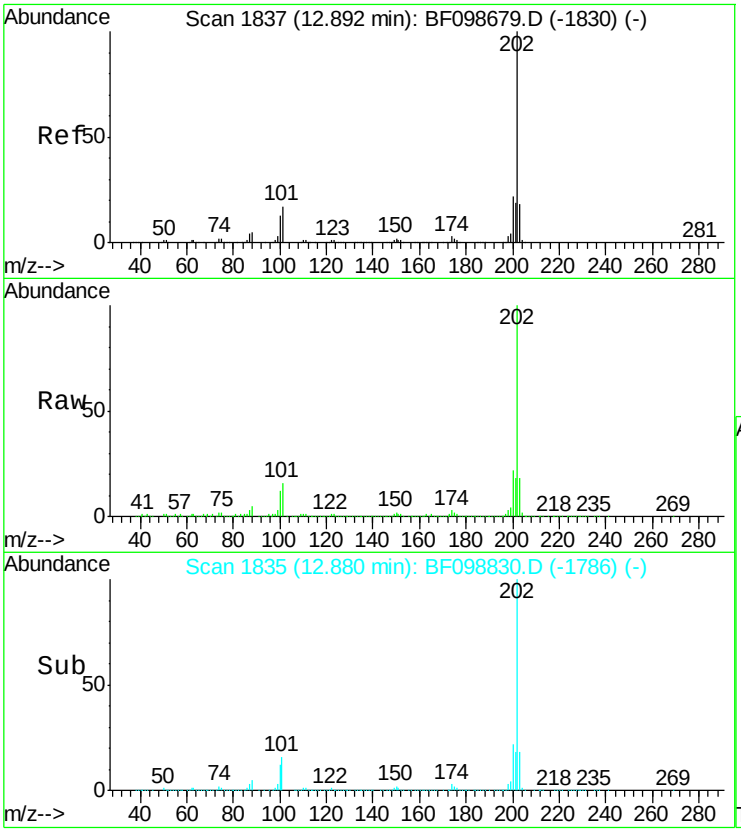


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF098830.D
Acq: 26 Sep 2017 14:16

Tgt Ion:240 Resp: 415508

Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.5	14.3
236	25.9	20.7	31.1



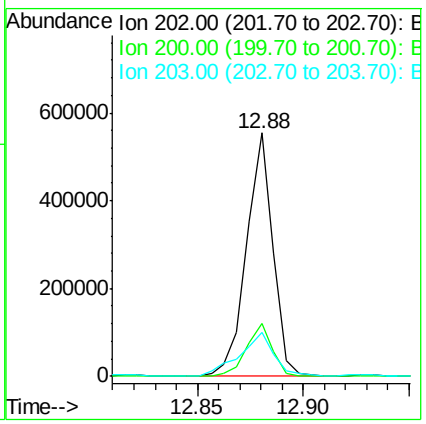


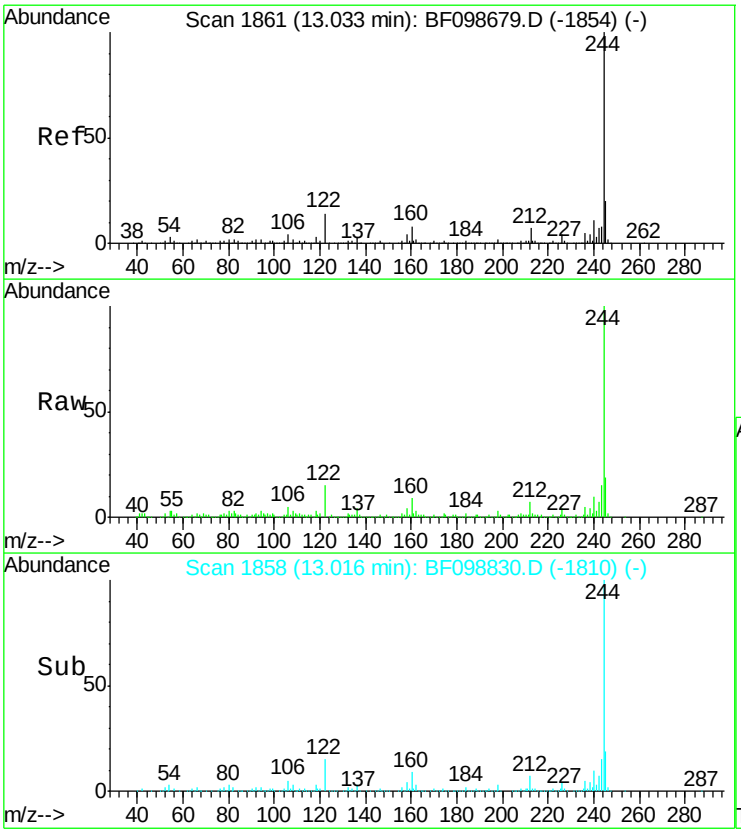
#77
Pyrene
Concen: 15.18 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BF098830.D
Acq: 26 Sep 2017 14:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 480920

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	18.0	14.3	21.5

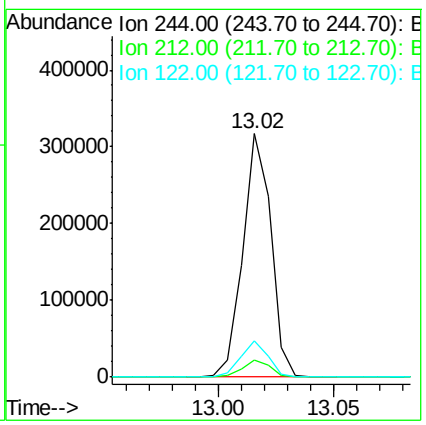


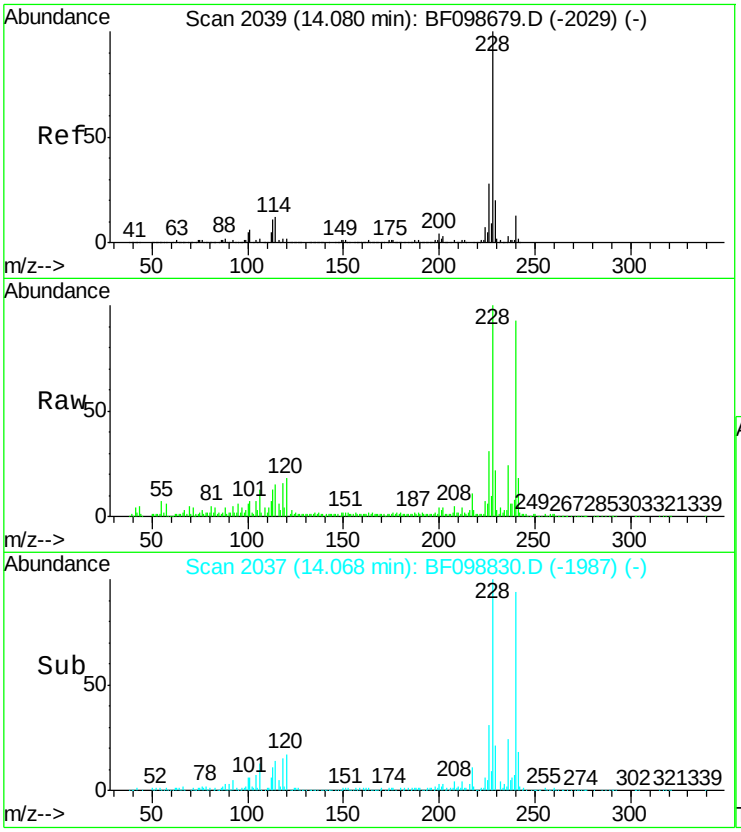


#78
Terphenyl-d14
Concen: 14.77 ng
RT: 13.02 min Scan# 1858
Delta R.T. -0.02 min
Lab File: BF098830.D
Acq: 26 Sep 2017 14:16

Tgt Ion:244 Resp: 269840

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	15.1	11.0	16.4



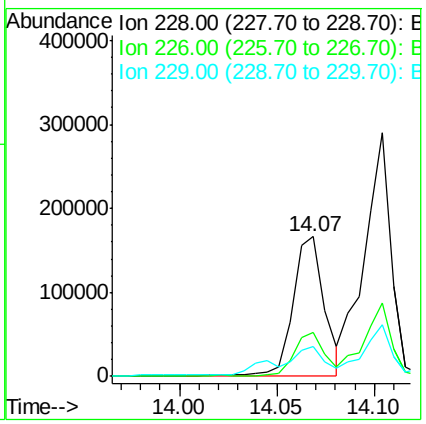


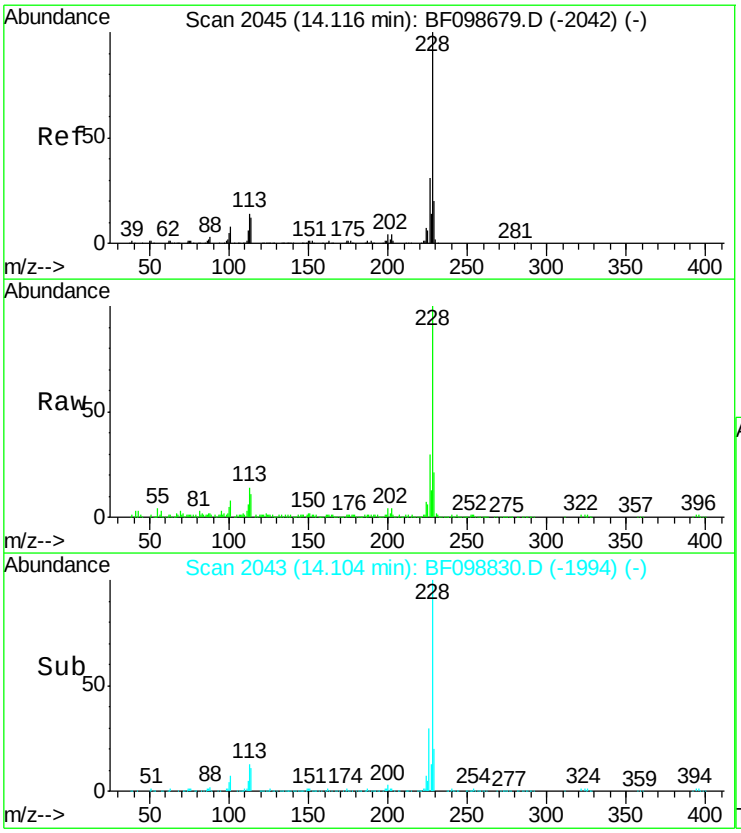
#80
Benzo(a)anthracene
Concen: 7.30 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF098830.D
Acq: 26 Sep 2017 14:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 183698

Ion	Ratio	Lower	Upper
228	100		
226	31.1	22.6	33.8
229	21.8	15.8	23.6

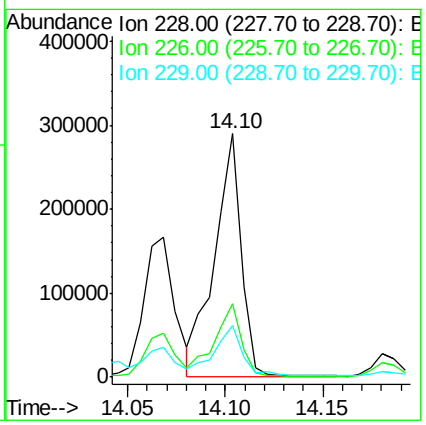


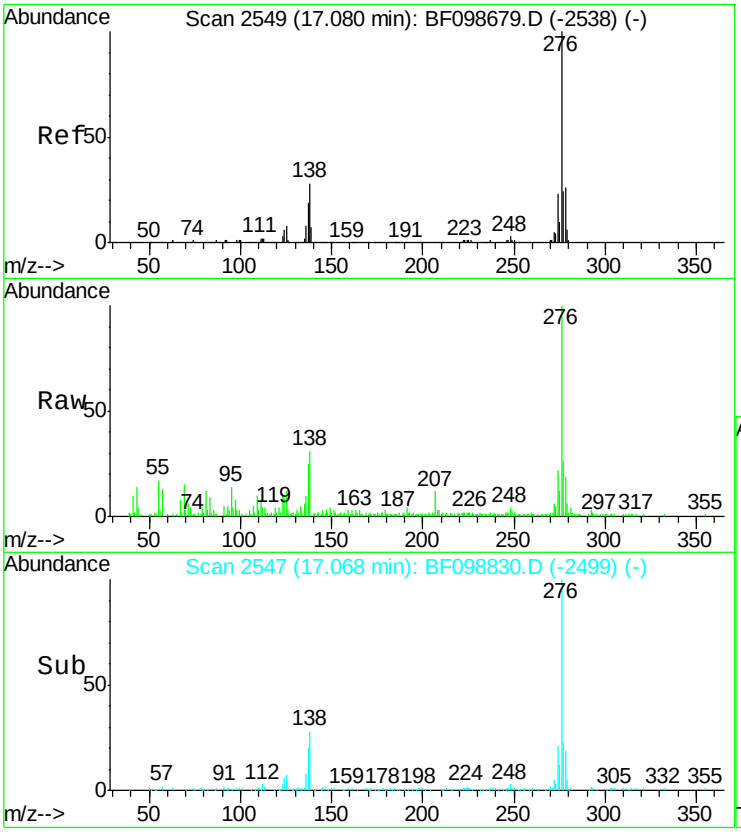


#82
Chrysene
Concen: 11.49 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF098830.D
Acq: 26 Sep 2017 14:16

Tgt Ion:228 Resp: 275178

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	21.2	16.2	24.4



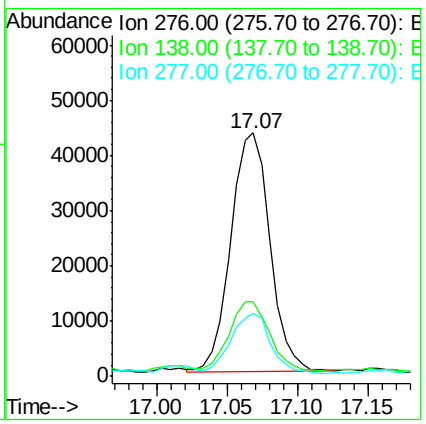


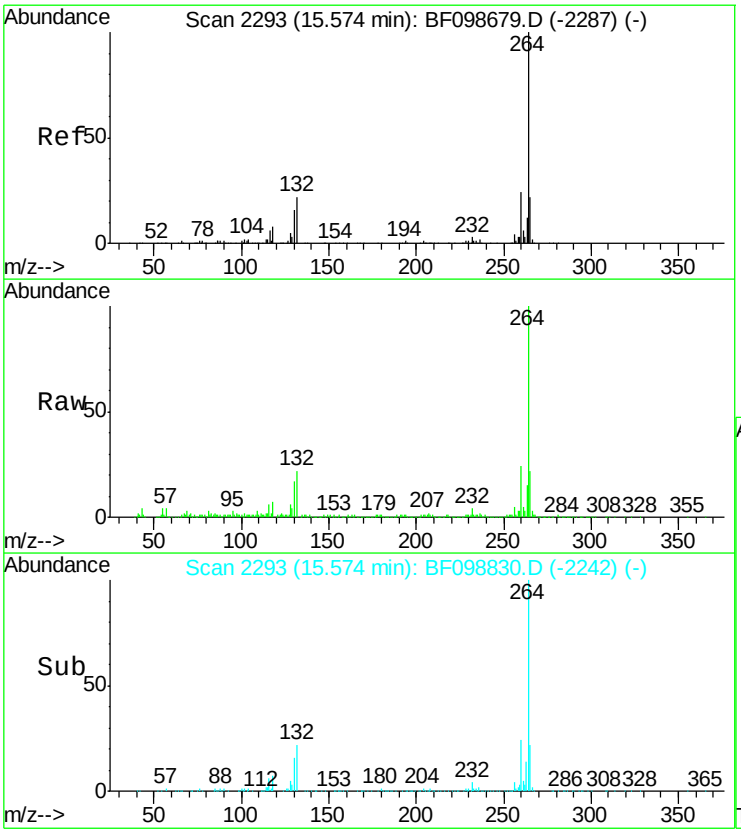
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.37 ng
RT: 17.07 min Scan# 2547
Delta R.T. -0.02 min
Lab File: BF098830.D
Acq: 26 Sep 2017 14:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 83722

Ion	Ratio	Lower	Upper
276	100		
138	31.6	25.0	37.6
277	25.1	20.1	30.1

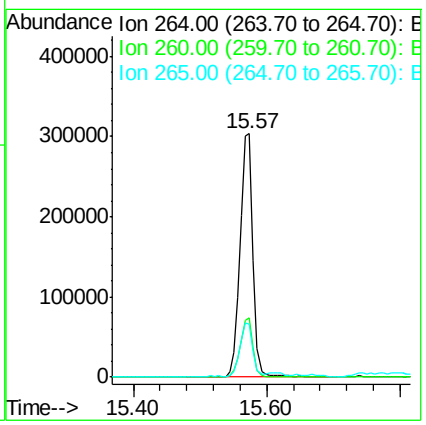


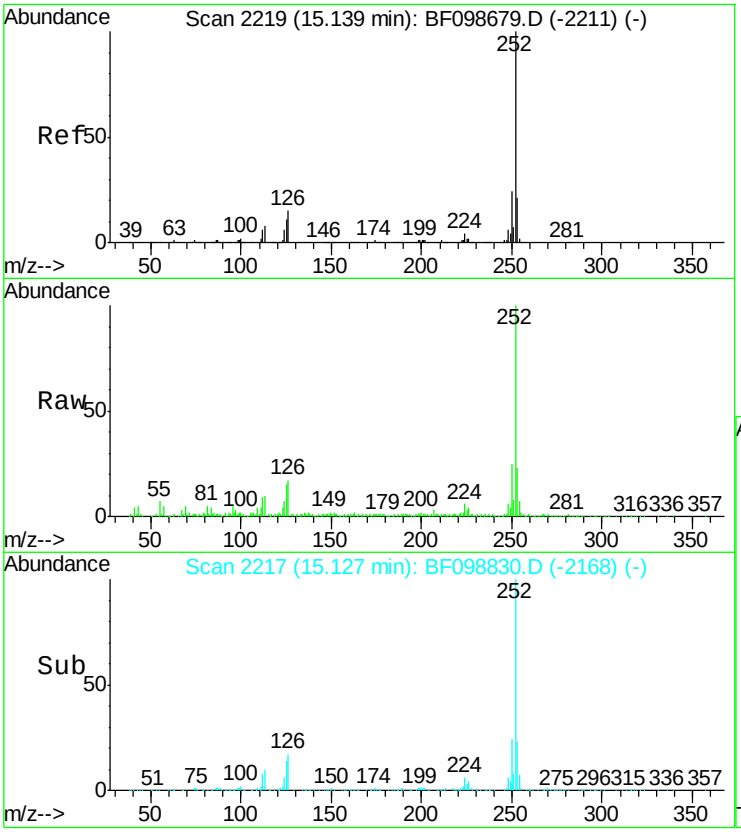


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BF098830.D
Acq: 26 Sep 2017 14:16

Tgt Ion:264 Resp: 411090

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.8	17.5	26.3



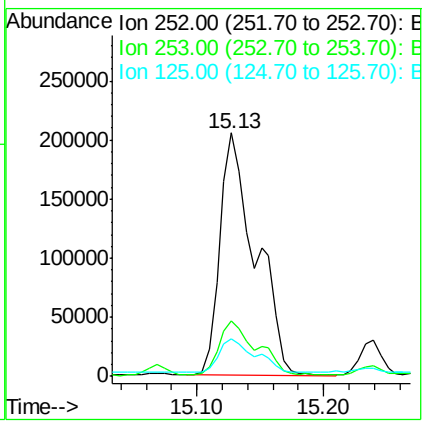


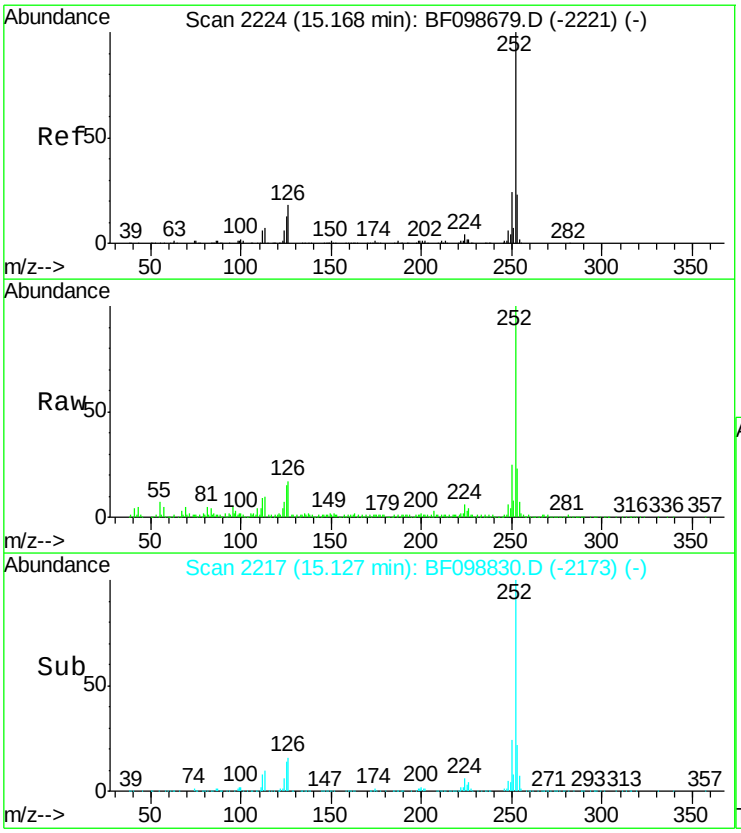
#87
Benzo(b)fluoranthene
Concen: 15.91 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF098830.D
Acq: 26 Sep 2017 14:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 402093

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	15.3	9.0	13.6#

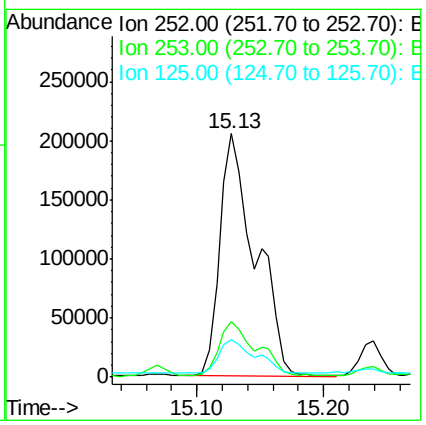


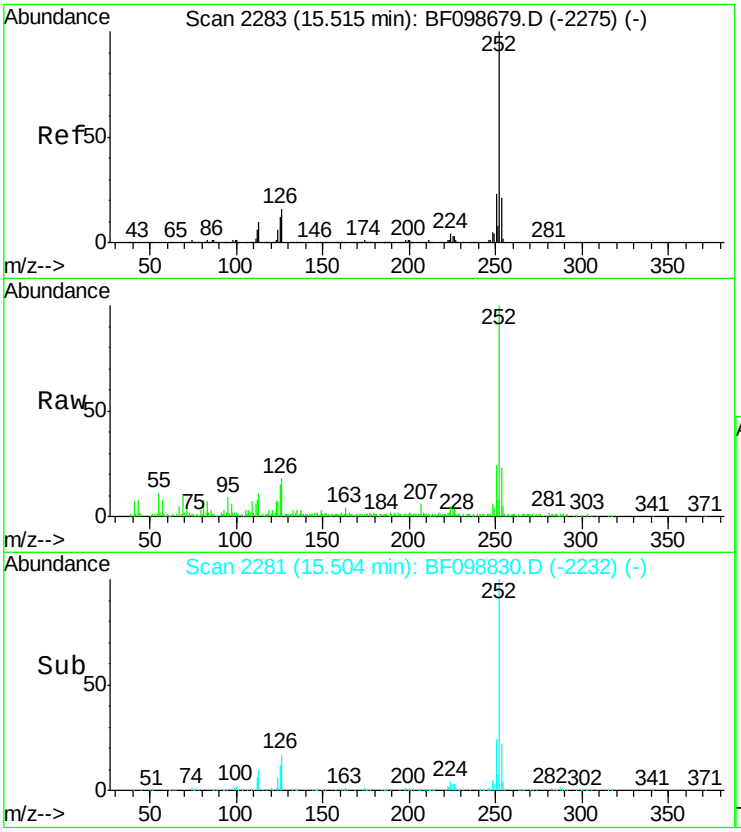


#88
Benzo(k)fluoranthene
Concen: 16.11 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.04 min
Lab File: BF098830.D
Acq: 26 Sep 2017 14:16

Tgt Ion:252 Resp: 402093

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	15.3	10.2	15.2#



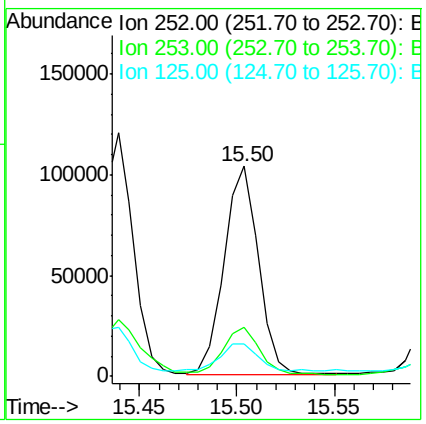


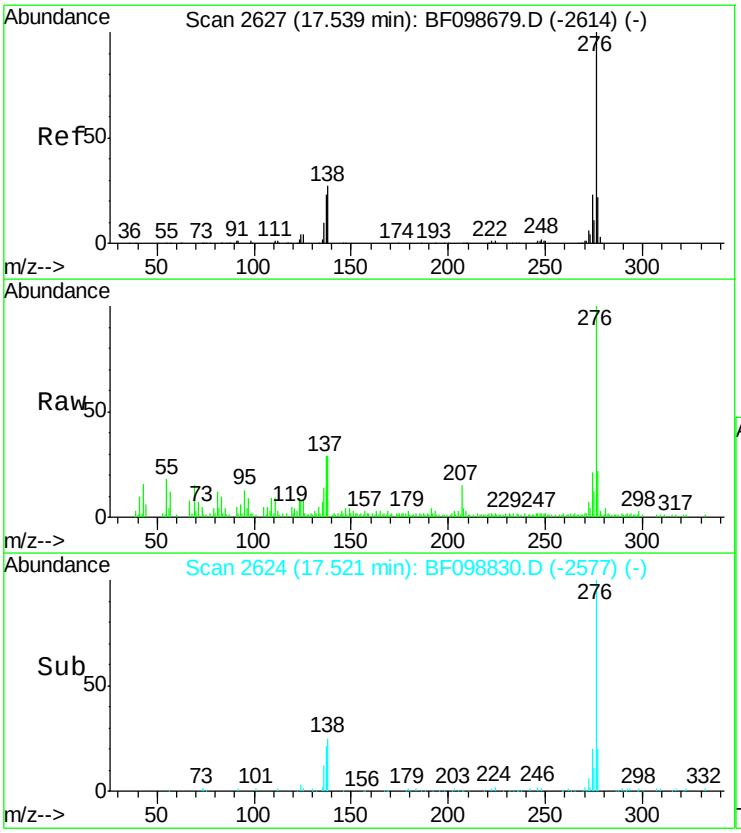
#89
Benzo(a)pyrene
Concen: 5.41 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF098830.D
Acq: 26 Sep 2017 14:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 125487

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	15.3	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 4.04 ng
RT: 17.52 min Scan# 2624
Delta R.T. -0.02 min
Lab File: BF098830.D
Acq: 26 Sep 2017 14:16

Tgt Ion:276 Resp: 74112

Ion	Ratio	Lower	Upper
276	100		
277	21.7	17.9	26.9
138	28.7	21.8	32.8