Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091517\
Data File : BF098569.D
Acq On : 15 Sep 2017 15:06
Operator : SJ/JU
Sample : I5188-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RL-4-12.25-24.5

Quant Time: Sep 15 15:46:42 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 15 13:23:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	140987	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	562740	20.00	ng		0.00
38) Acenaphthene-d10	9.68	164	241000	20.00	ng		0.00
63) Phenanthrene-d10	11.16	188	378149	20.00	ng		0.00
75) Chrysene-d12	13.80	240	275454	20.00	ng		0.00
86) Perylene-d12	15.21	264	260752	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	781073	81.91	ng		0.00
7) Phenol-d6	6.30	99	999284	82.54	ng		0.00
23) Nitrobenzene-d5	7.22	82	601606	59.60	ng		0.00
41) 2,4,6-Tribromophenol	10.47	330	134287	83.49	ng		0.00
44) 2-Fluorobiphenyl	9.00	172	912878	64.20	ng		0.00
78) Terphenyl-d14	12.75	244	553893	43.40	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.32	94	28955	2.059	ng	#	72
19) n-Nitroso-di-n-propylamine	7.21	70	77898	10.229	ng	#	81
25) Isophorone	7.22	82	598161	29.289	ng	#	67
31) Naphthalene	7.95	128	159864	5.747	ng		98
32) Benzoic acid	7.76	122	823	8.085	ng	#	56
37) 2-Methylnaphthalene	8.64	142	55224	3.277	ng		98
49) Dimethylphthalate	9.40	163	128550	6.891	ng		99
64) 4,6-Dinitro-2-methylphenol	10.47	198	384	5.113	ng	#	1
70) Phenanthrene	11.19	178	109820	5.478	ng		98
71) Anthracene	11.19	178	109820	5.336	ng		98
74) Fluoranthene	12.37	202	123238	6.141	ng		97
77) Pyrene	12.60	202	109267	5.028	ng		98
80) Benzo(a)anthracene	13.83	228	54034	3.346	ng		95
82) Chrysene	13.83	228	54034	3.310	ng		98
87) Benzo(b)fluoranthene	14.82	252	88062	5.371	ng	#	72
88) Benzo(k)fluoranthene	14.82	252	88062	5.753	ng	#	77
89) Benzo(a)pyrene	15.15	252	44604	3.054	ng	#	77
91) Benzo(g,h,i)perylene	16.95	276	22267	2.084	ng		96

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

Quantitation Report (Not Reviewed)

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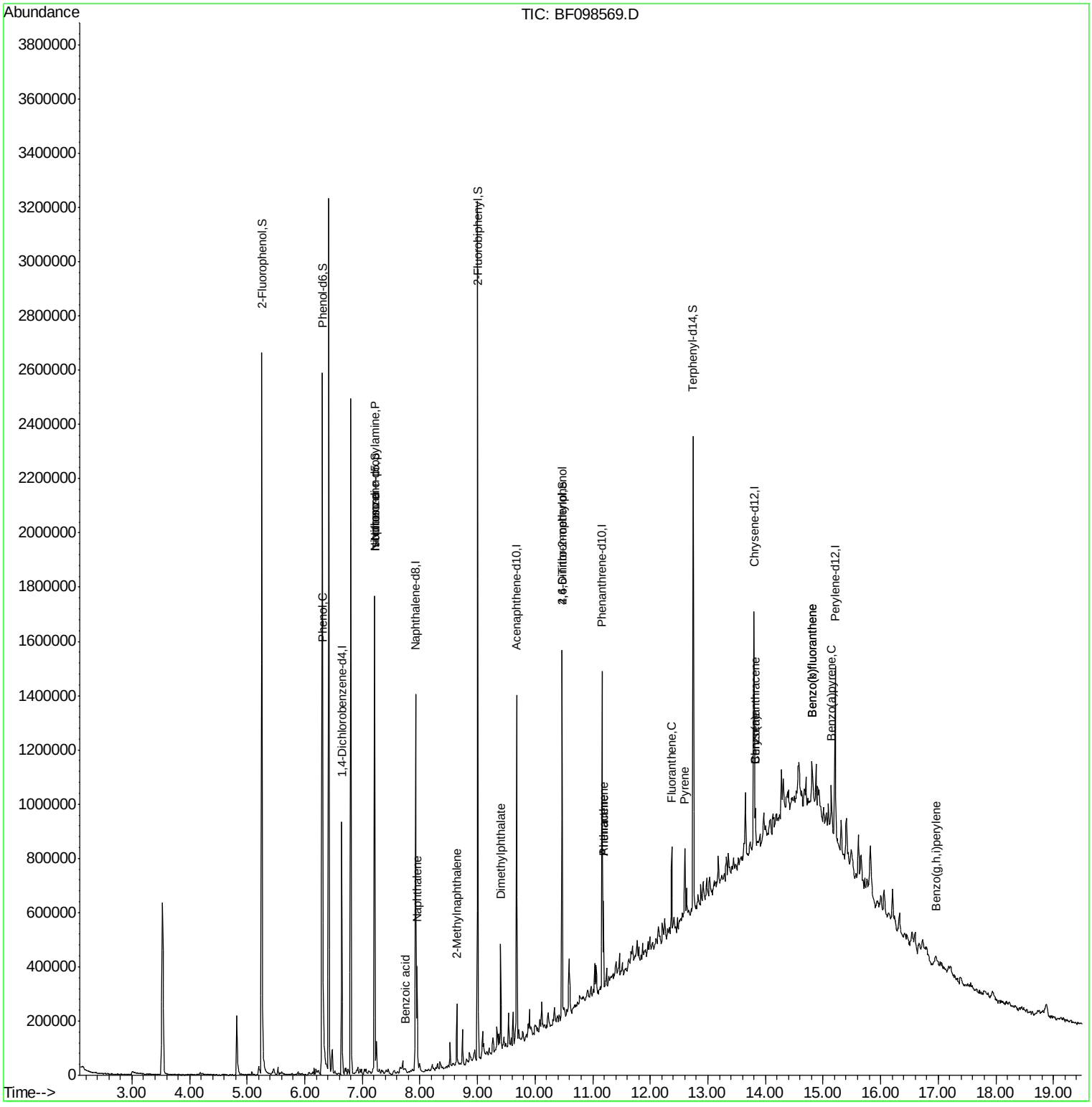
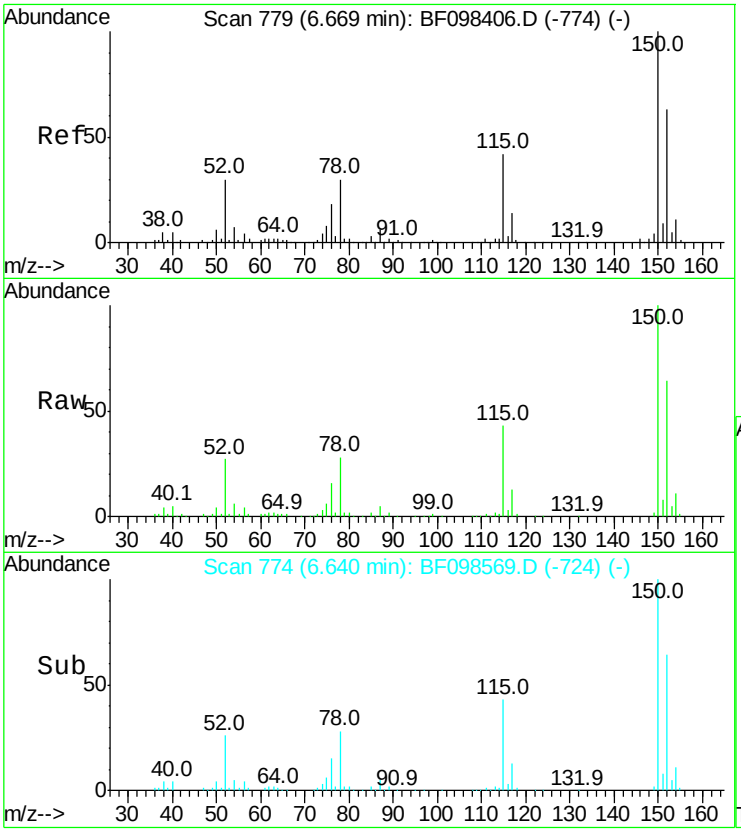


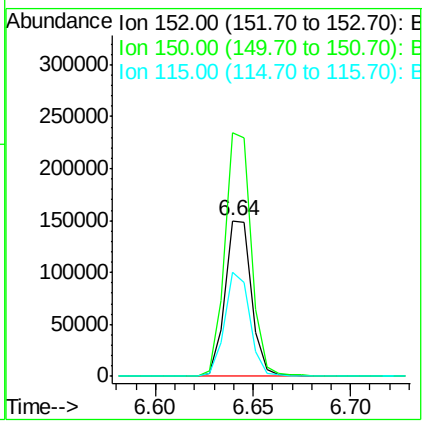


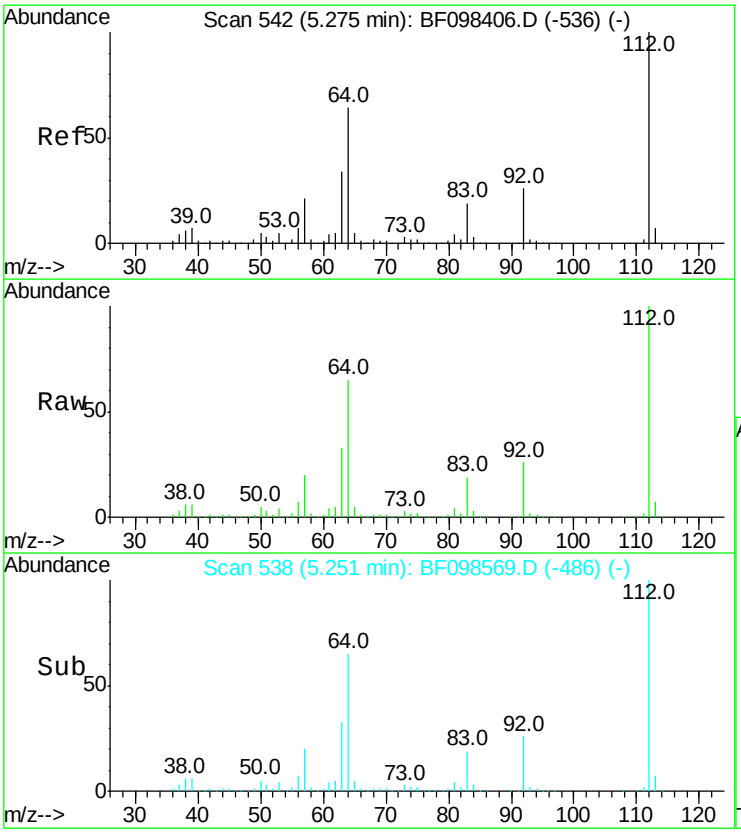
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF098569.D
Acq: 15 Sep 2017 15:06

Instrument :
BNA_F
ClientSampleId :
RL-4-12.25-24.5

Tgt Ion:152 Resp: 140987

Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.2	189.2
115	66.9	52.2	78.2

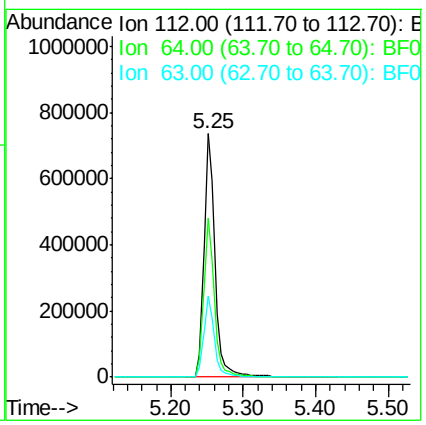


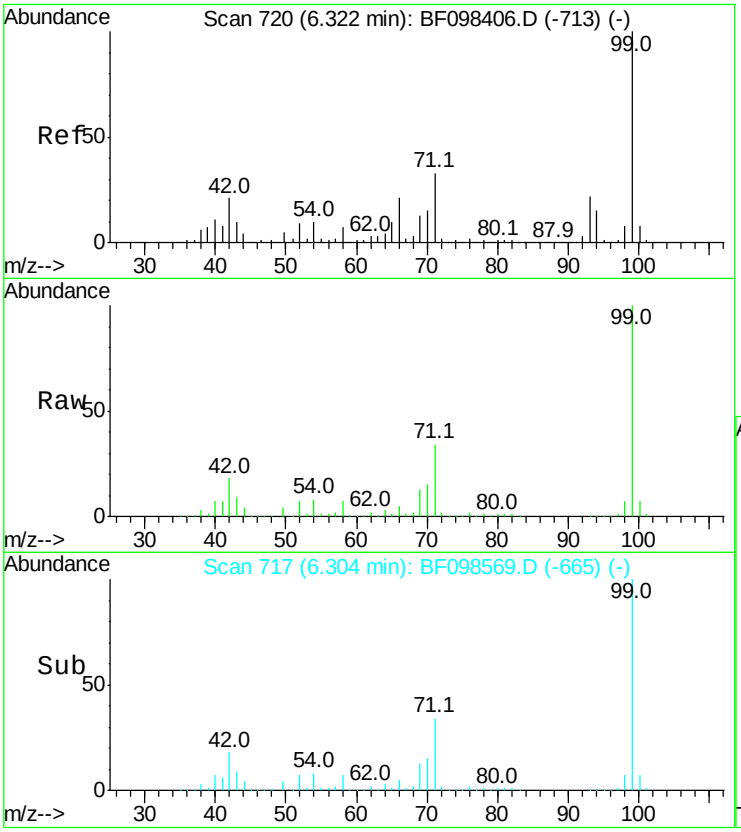


#5
2-Fluorophenol
Concen: 81.911 ng
RT: 5.25 min Scan# 538
Delta R.T. 0.01 min
Lab File: BF098569.D
Acq: 15 Sep 2017 15:06

Tgt Ion:112 Resp: 781073

Ion	Ratio	Lower	Upper
112	100		
64	65.4	46.0	69.0
63	33.5	23.4	35.0



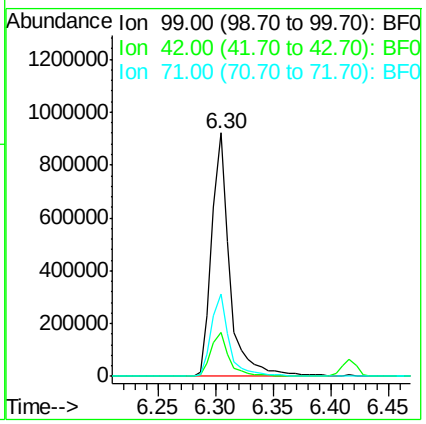


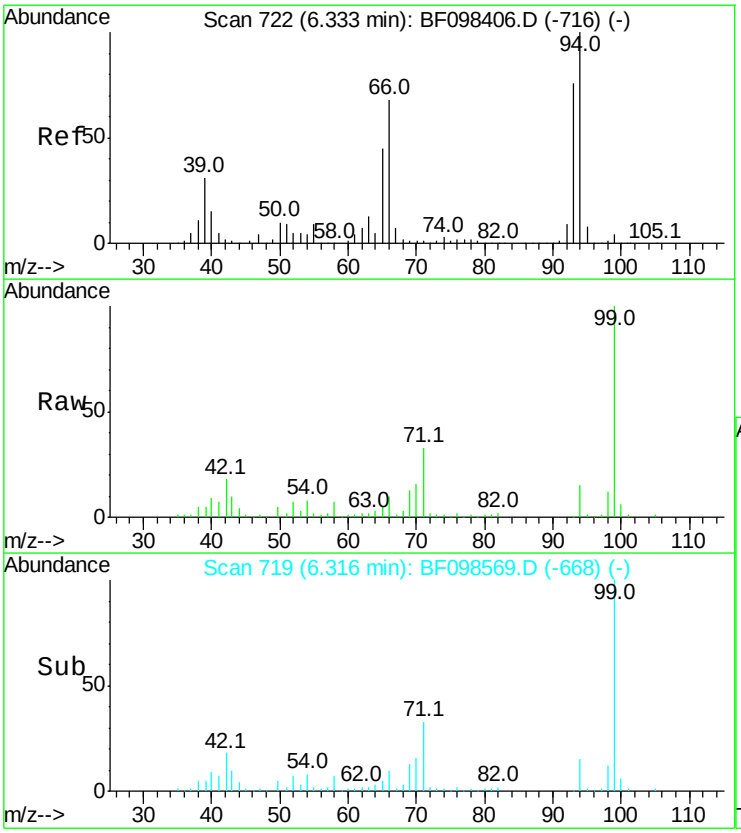
#7
Phenol-d6
Concen: 82.537 ng
RT: 6.30 min Scan# 717
Delta R.T. 0.01 min
Lab File: BF098569.D
Acq: 15 Sep 2017 15:06

Instrument :
BNA_F
ClientSampleId :
RL-4-12.25-24.5

Tgt Ion: 99 Resp: 999284

Ion	Ratio	Lower	Upper
99	100		
42	18.1	13.5	20.3
71	34.0	24.5	36.7

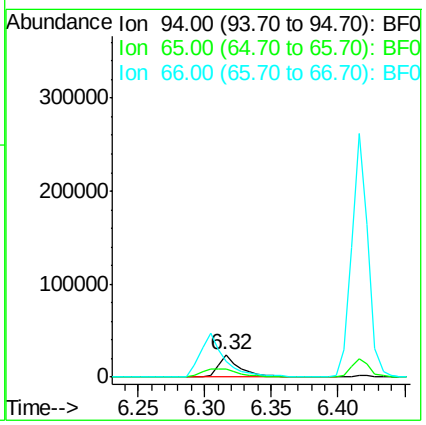


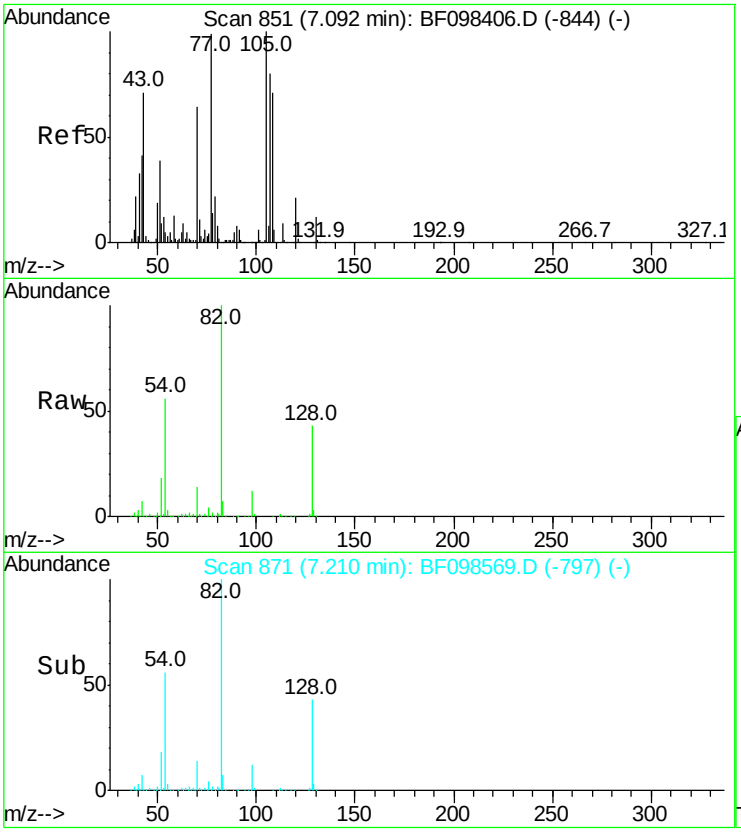


#10
Phenol
Concen: 2.059 ng
RT: 6.32 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF098569.D
Acq: 15 Sep 2017 15:06

Tgt Ion: 94 Resp: 28955

Ion	Ratio	Lower	Upper
94	100		
65	36.9	9.9	49.9
66	67.9	23.1	63.1#



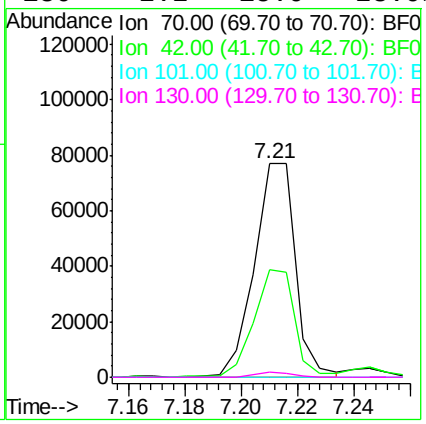


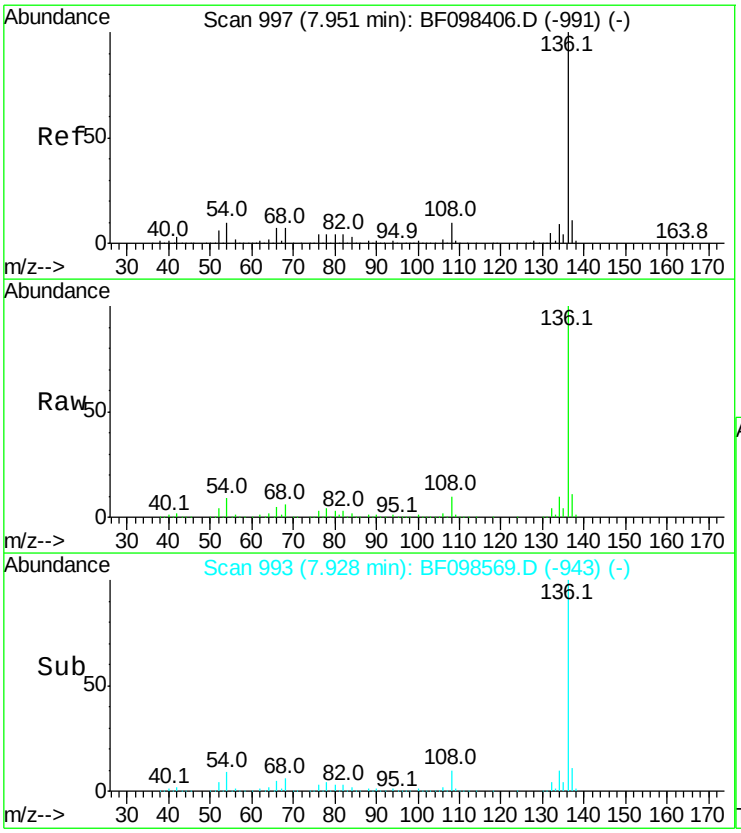
#19
n-Nitroso-di-n-propylamine
Concen: 10.229 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.14 min
Lab File: BF098569.D
Acq: 15 Sep 2017 15:06

Instrument : BNA_F
ClientSampleId : RL-4-12.25-24.5

Tgt Ion: 70 Resp: 77898

Ion	Ratio	Lower	Upper
70	100		
42	50.3	47.2	70.8
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#

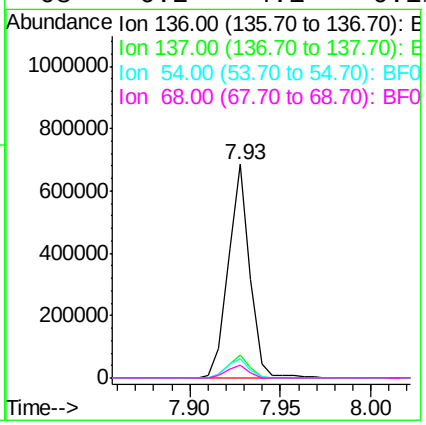


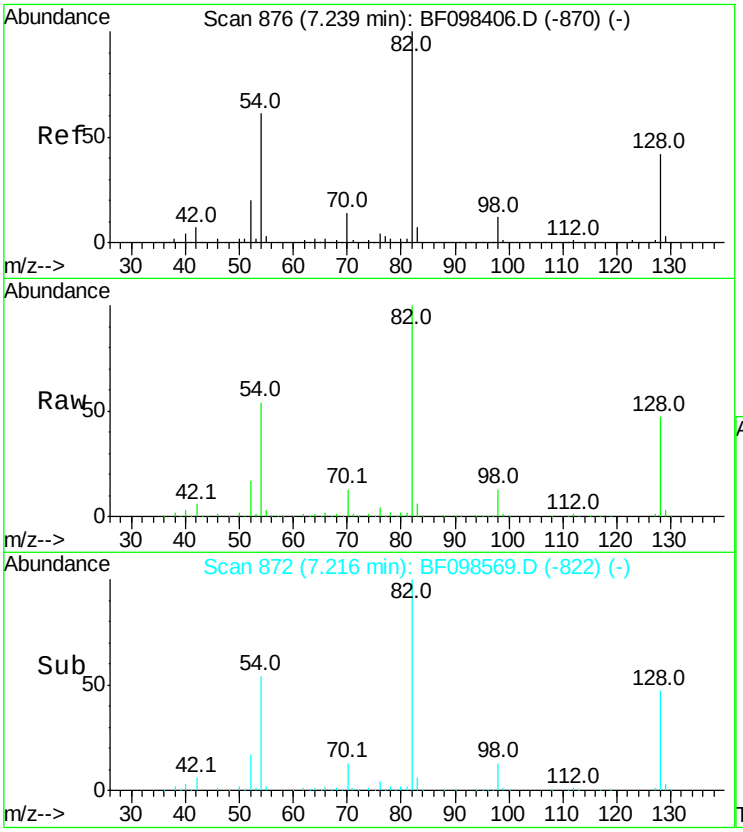


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF098569.D
Acq: 15 Sep 2017 15:06

Tgt Ion:136 Resp: 562740

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	8.7	4.9	7.3#
68	6.2	4.1	6.1#



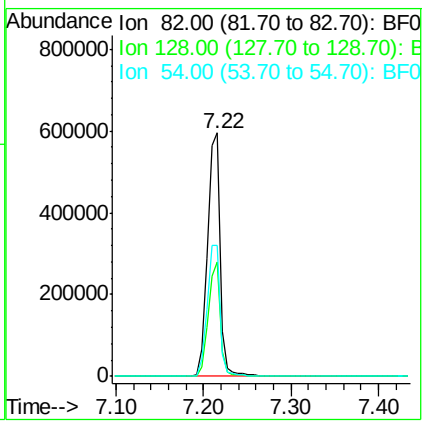


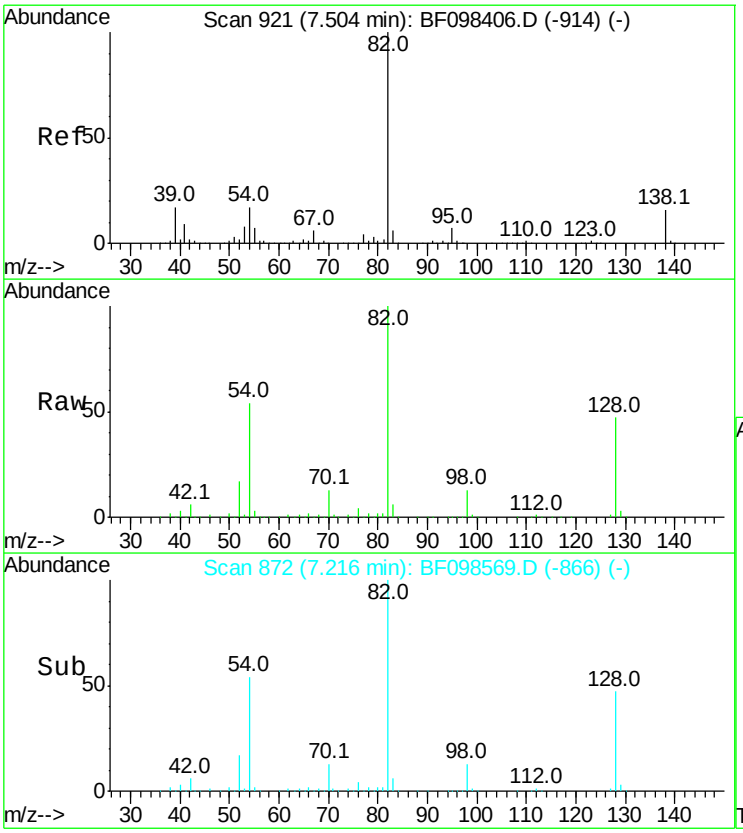
#23
Nitrobenzene-d5
Concen: 59.600 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF098569.D
Acq: 15 Sep 2017 15:06

Instrument :
BNA_F
ClientSampleId :
RL-4-12.25-24.5

Tgt Ion: 82 Resp: 601606

Ion	Ratio	Lower	Upper
82	100		
128	46.7	34.0	51.0
54	53.7	42.2	63.2

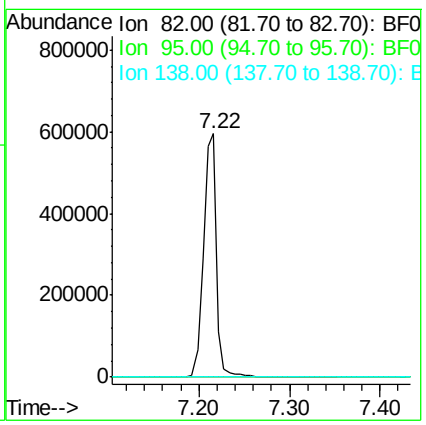


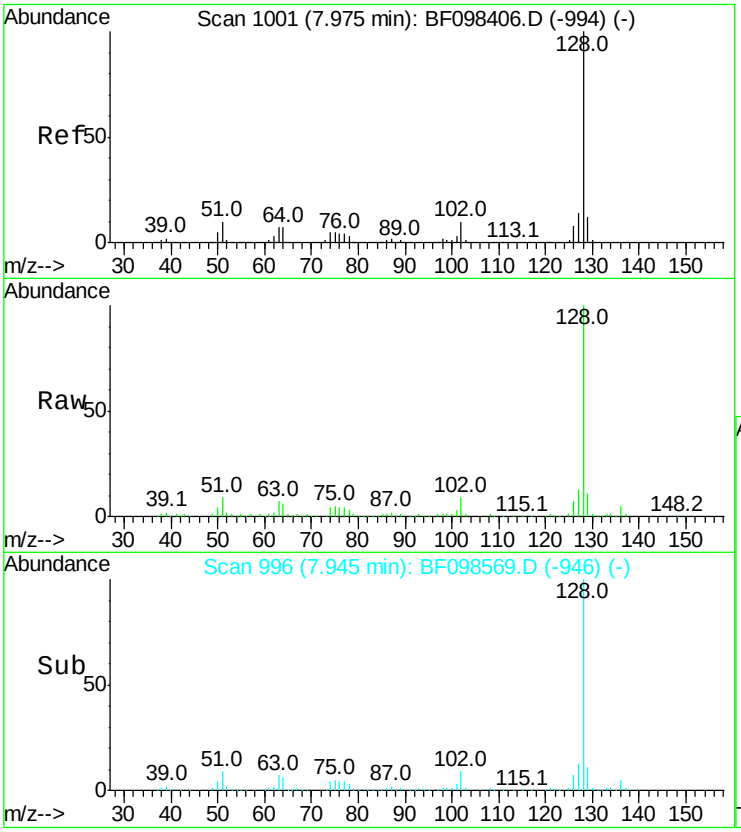


#25
Isophorone
Concen: 29.289 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.26 min
Lab File: BF098569.D
Acq: 15 Sep 2017 15:06

Tgt Ion: 82 Resp: 598161

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.3	7.9#
138	0.0	13.1	19.7#



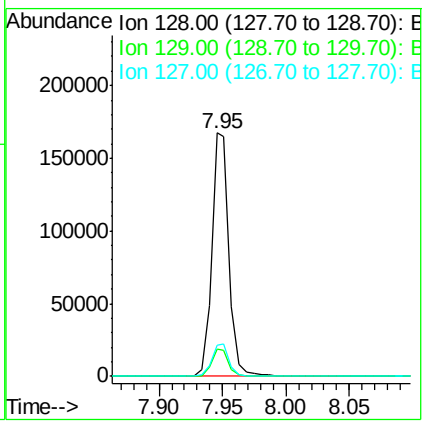


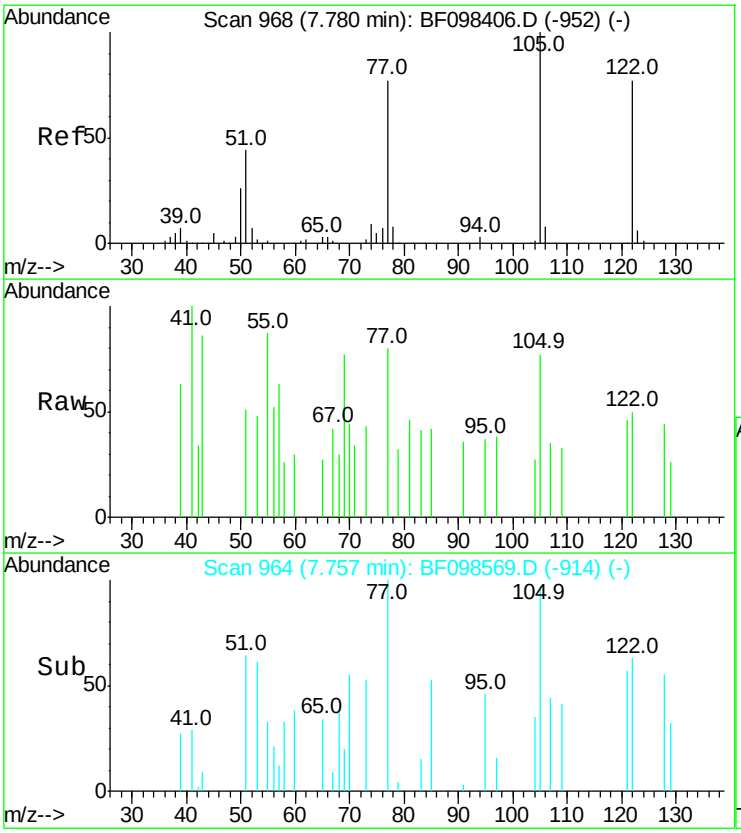
#31
Naphthalene
Concen: 5.747 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF098569.D
Acq: 15 Sep 2017 15:06

Instrument :
BNA_F
ClientSampleId :
RL-4-12.25-24.5

Tgt Ion:128 Resp: 159864

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	12.6	10.8	16.2

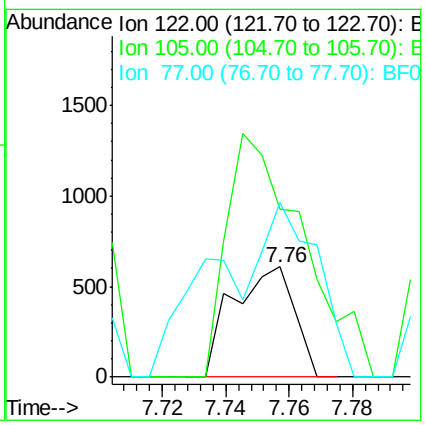


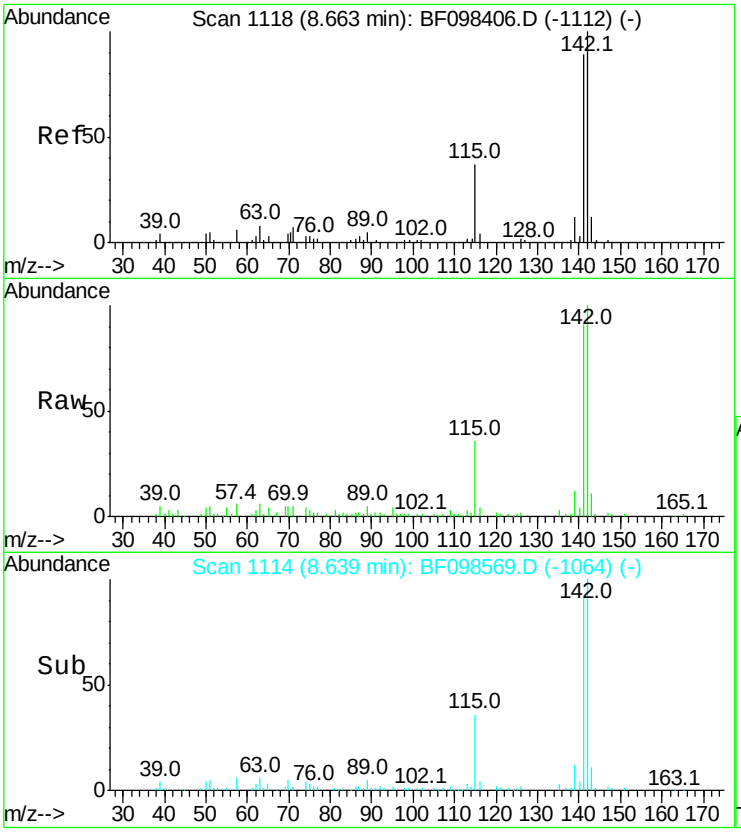


#32
Benzoic acid
Concen: 8.085 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF098569.D
Acq: 15 Sep 2017 15:06

Tgt Ion:122 Resp: 823

Ion	Ratio	Lower	Upper
122	100		
105	153.1	103.3	143.3#
77	158.1	73.7	113.7#



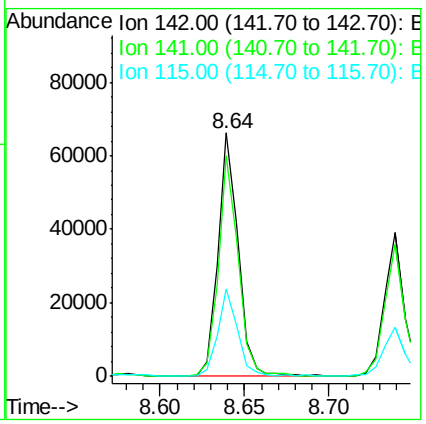


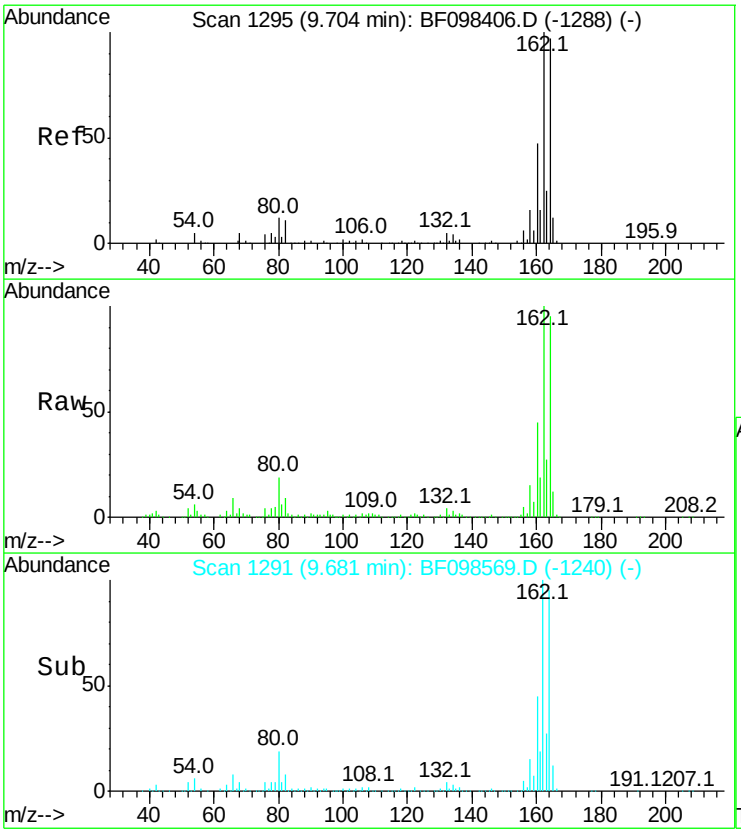
#37
2-Methylnaphthalene
Concen: 3.277 ng
RT: 8.64 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BF098569.D
Acq: 15 Sep 2017 15:06

Instrument :
BNA_F
ClientSampleId :
RL-4-12.25-24.5

Tgt Ion:142 Resp: 55224

Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.3	106.9
115	35.8	27.1	40.7

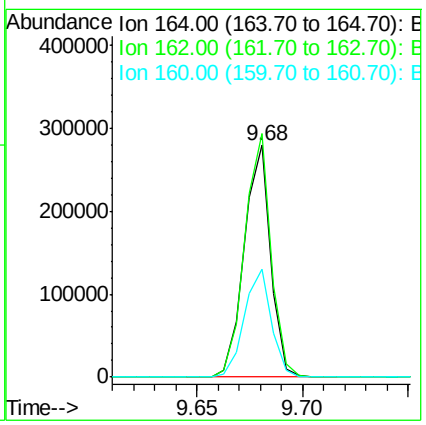


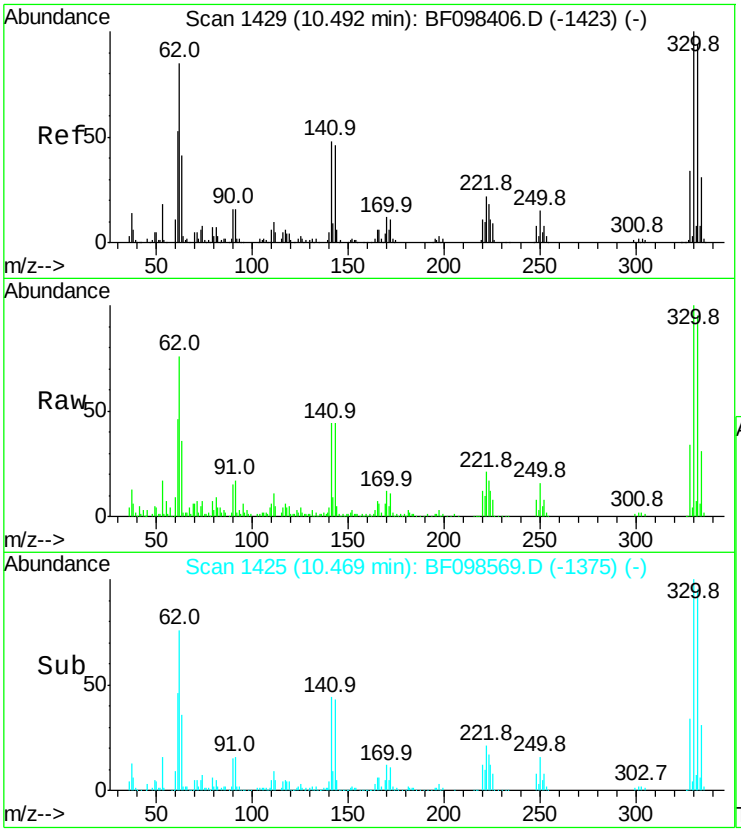


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF098569.D
Acq: 15 Sep 2017 15:06

Tgt Ion:164 Resp: 241000

Ion	Ratio	Lower	Upper
164	100		
162	105.1	82.6	123.8
160	46.8	36.2	54.2



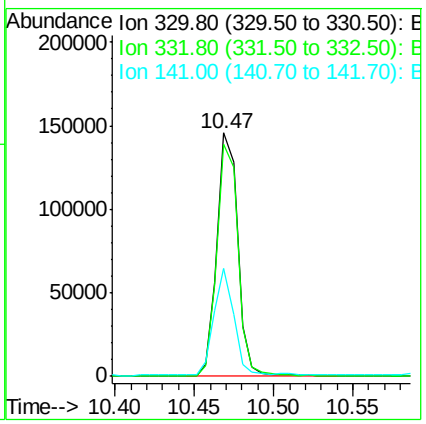


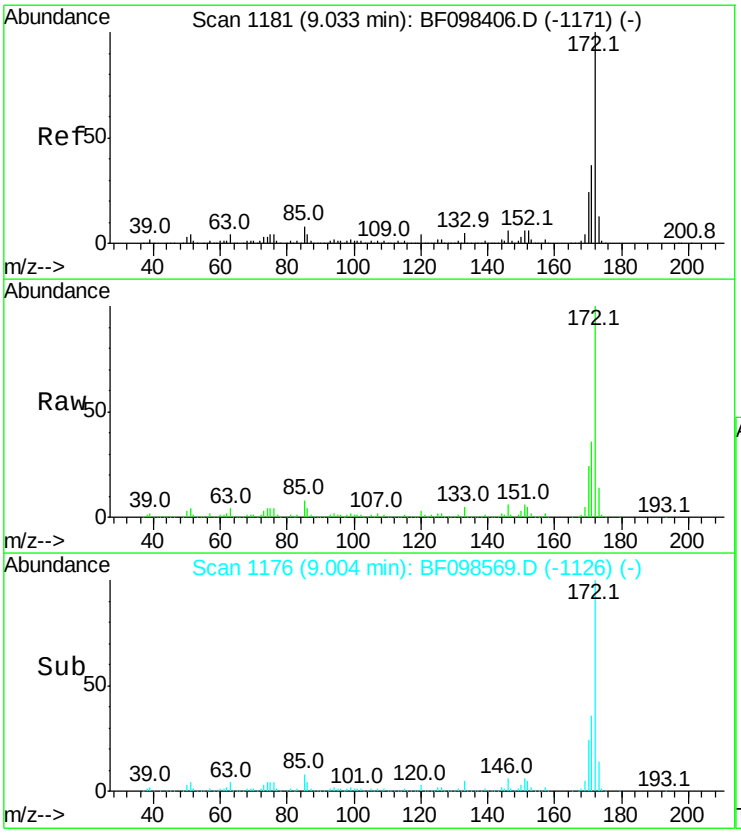
#41
2,4,6-Tribromophenol
Concen: 83.487 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF098569.D
Acq: 15 Sep 2017 15:06

Instrument :
BNA_F
ClientSampleId :
RL-4-12.25-24.5

Tgt Ion:330 Resp: 134287

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	115.0
141	43.6	31.4	47.2

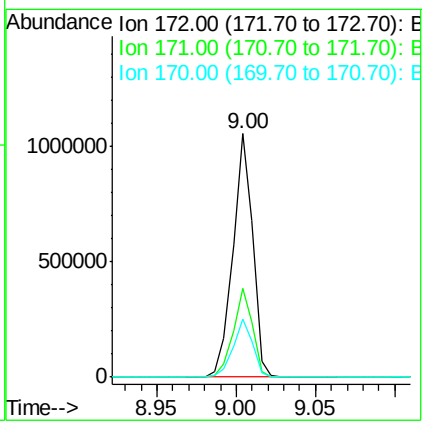


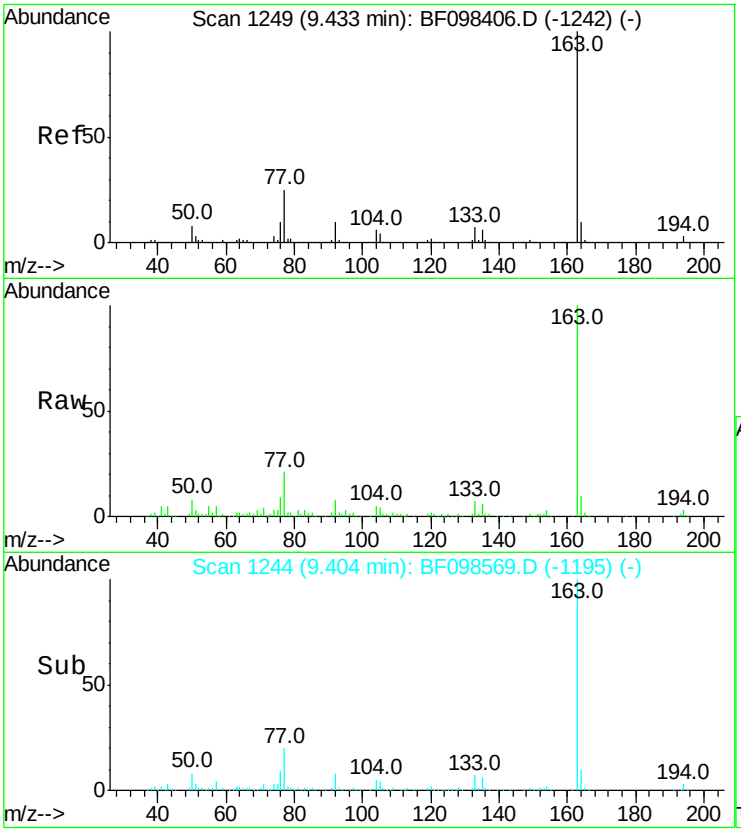


#44
2-Fluorobiphenyl
Concen: 64.201 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF098569.D
Acq: 15 Sep 2017 15:06

Tgt Ion:172 Resp: 912878

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.6	19.8	29.8



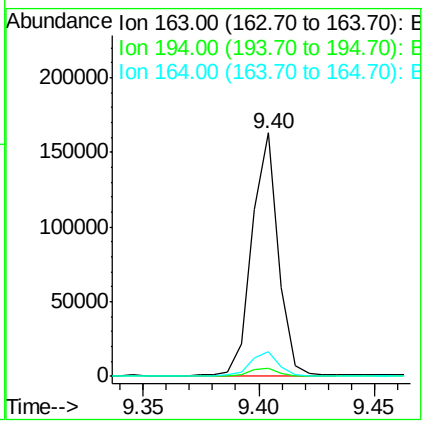


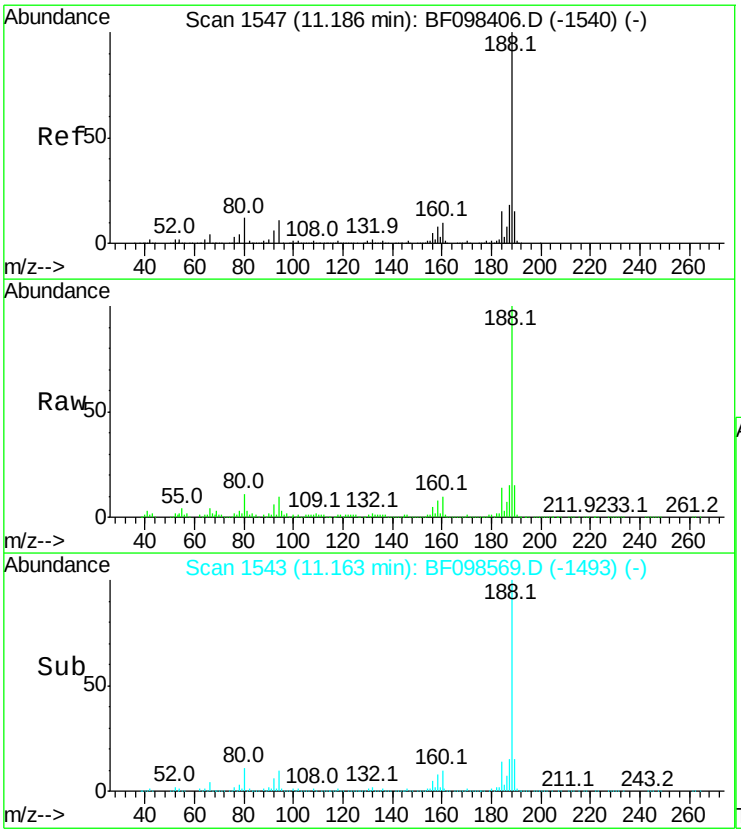
#49
Dimethylphthalate
Concen: 6.891 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BF098569.D
Acq: 15 Sep 2017 15:06

Instrument :
BNA_F
ClientSampleId :
RL-4-12.25-24.5

Tgt Ion:163 Resp: 128550

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.9	8.4	12.6

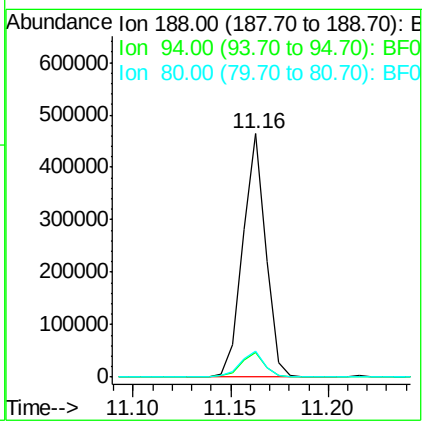


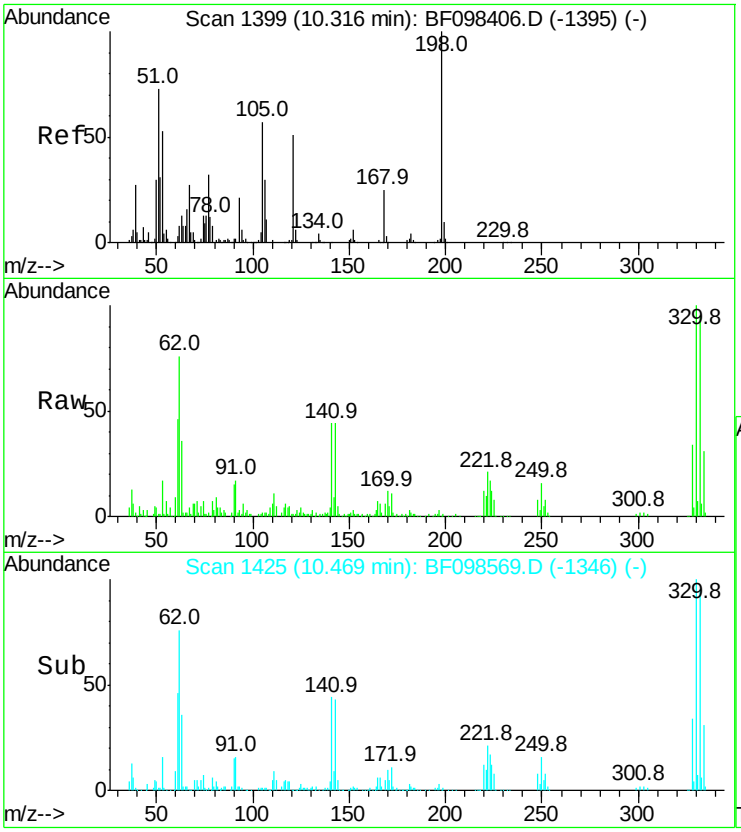


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF098569.D
Acq: 15 Sep 2017 15:06

Tgt Ion:188 Resp: 378149

Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.4	14.2
80	10.8	10.2	15.2



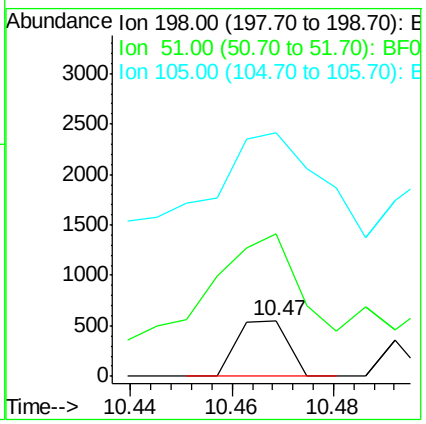


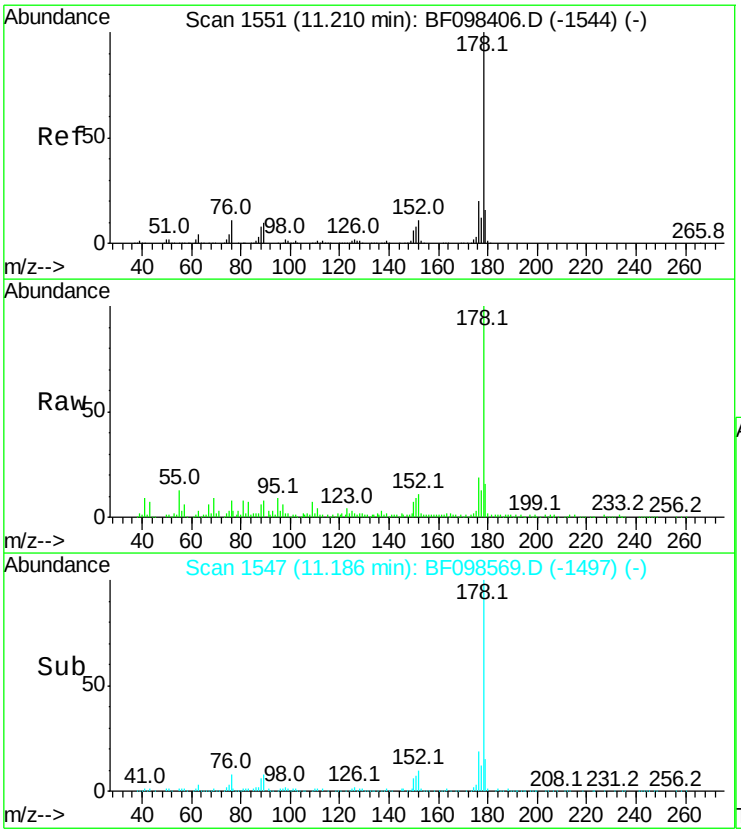
#64
4,6-Dinitro-2-methylphenol
Concen: 5.113 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.16 min
Lab File: BF098569.D
Acq: 15 Sep 2017 15:06

Instrument :
BNA_F
ClientSampleId :
RL-4-12.25-24.5

Tgt Ion:198 Resp: 384

Ion	Ratio	Lower	Upper
198	100		
51	255.7	53.2	93.2#
105	436.2	45.8	85.8#

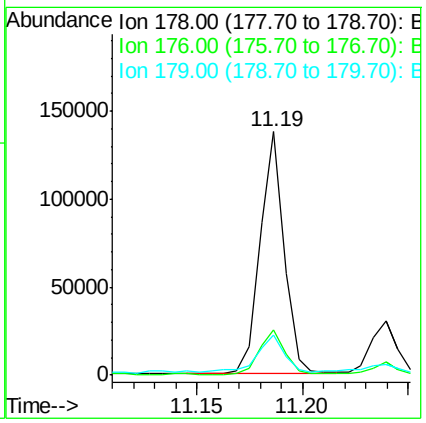


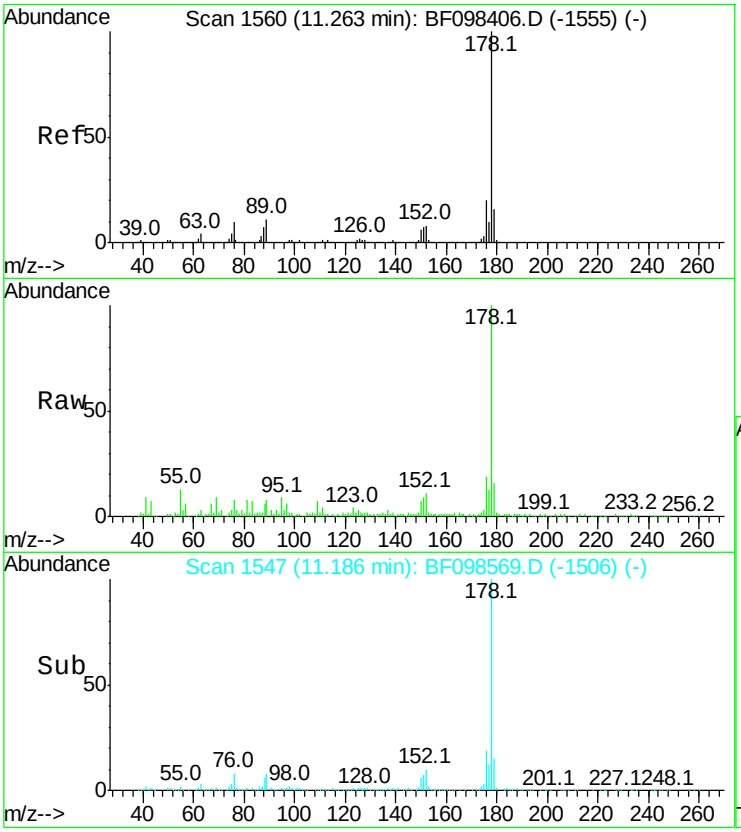


#70
Phenanthrene
Concen: 5.478 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BF098569.D
Acq: 15 Sep 2017 15:06

Tgt Ion:178 Resp: 109820

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.2	24.4
179	16.3	12.6	19.0



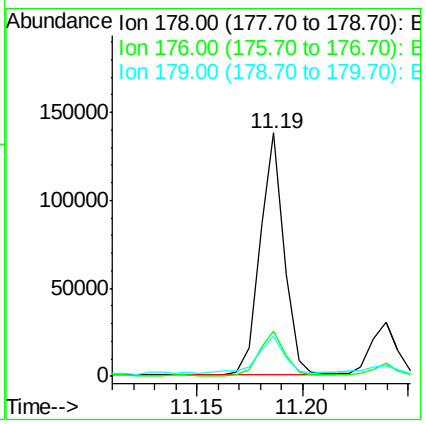


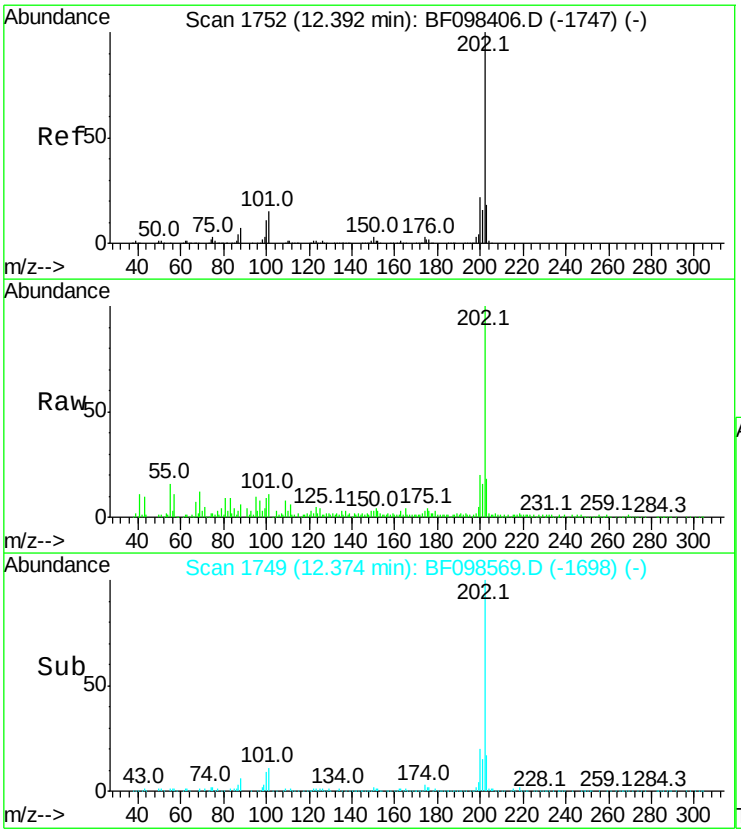
#71
Anthracene
Concen: 5.336 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.06 min
Lab File: BF098569.D
Acq: 15 Sep 2017 15:06

Instrument :
BNA_F
ClientSampleId :
RL-4-12.25-24.5

Tgt Ion:178 Resp: 109820

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	16.3	12.7	19.1

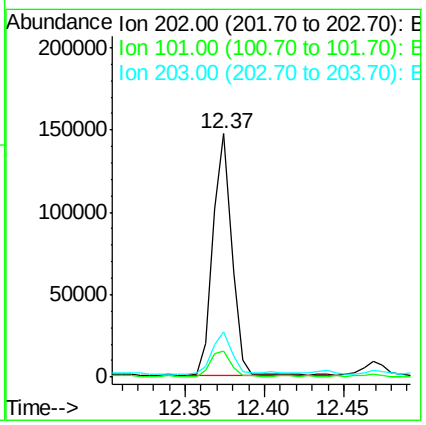


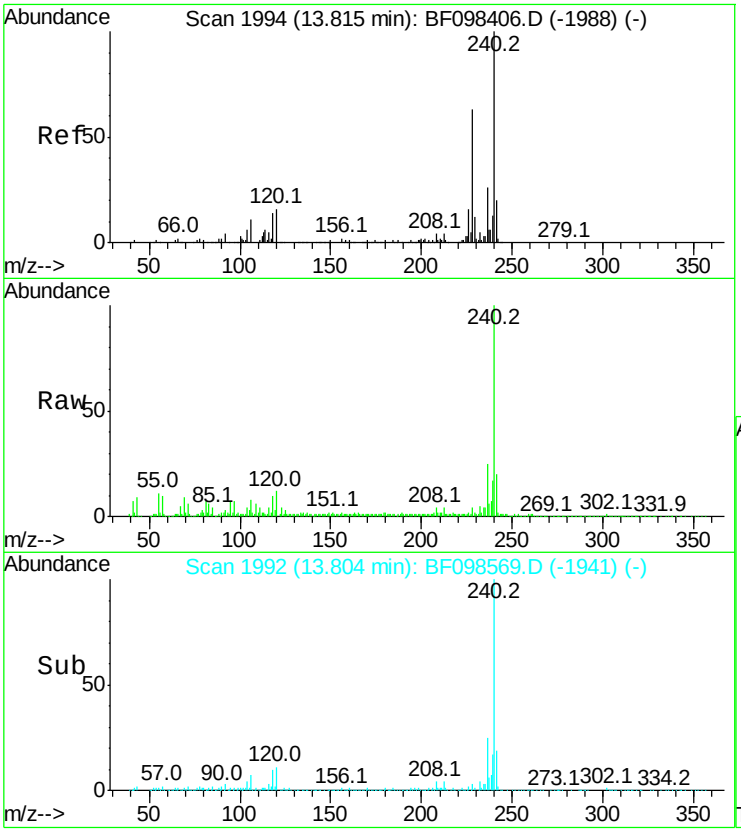


#74
Fluoranthene
Concen: 6.141 ng
RT: 12.37 min Scan# 1749
Delta R.T. 0.00 min
Lab File: BF098569.D
Acq: 15 Sep 2017 15:06

Tgt Ion:202 Resp: 123238

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	33.2
203	18.3	0.0	38.1



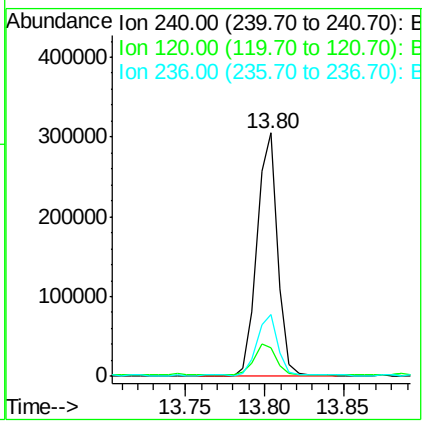


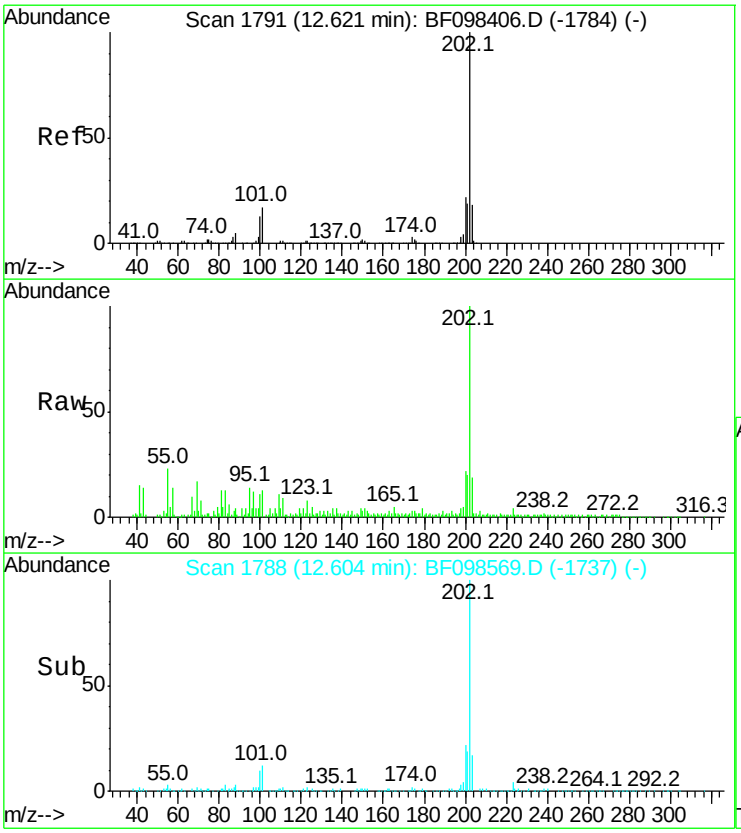
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BF098569.D
Acq: 15 Sep 2017 15:06

Instrument :
BNA_F
ClientSampleId :
RL-4-12.25-24.5

Tgt Ion:240 Resp: 275454

Ion	Ratio	Lower	Upper
240	100		
120	11.9	5.8	8.8#
236	25.5	20.5	30.7

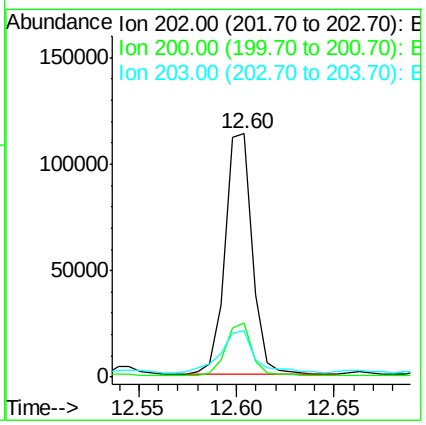


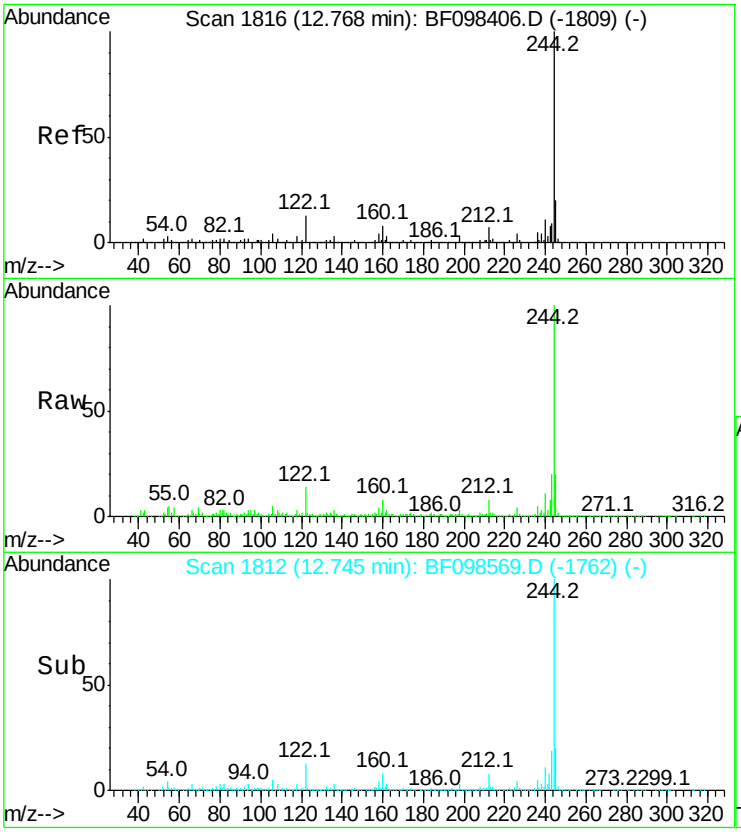


#77
Pyrene
Concen: 5.028 ng
RT: 12.60 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BF098569.D
Acq: 15 Sep 2017 15:06

Tgt Ion:202 Resp: 109267

Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.6	26.4
203	19.0	14.4	21.6



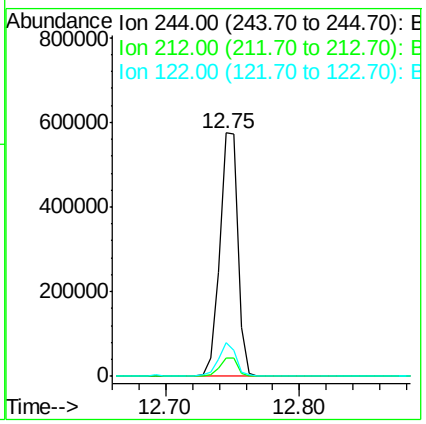


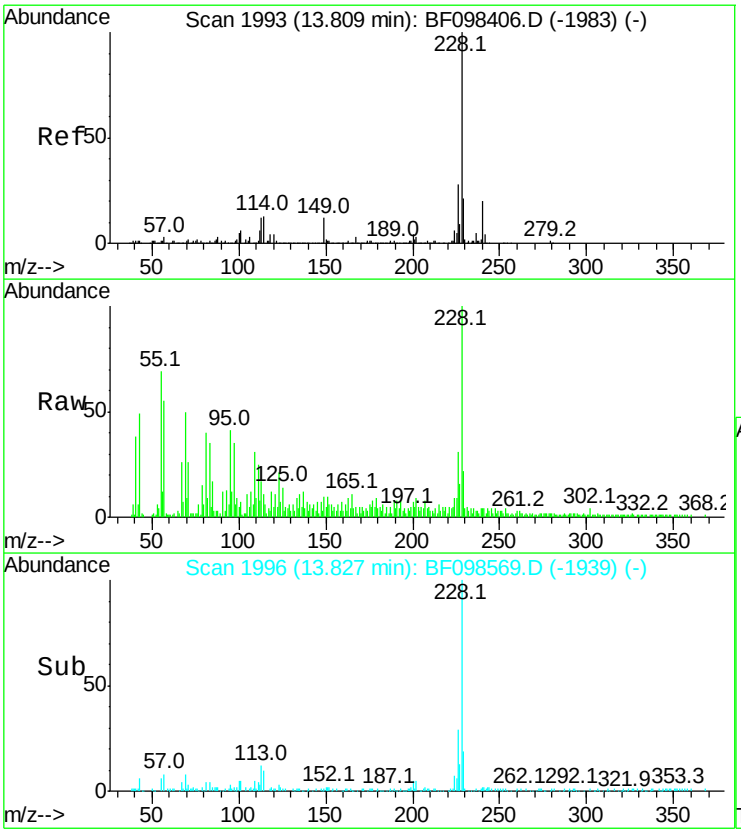
#78
Terphenyl-d14
Concen: 43.403 ng
RT: 12.75 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF098569.D
Acq: 15 Sep 2017 15:06

Instrument :
BNA_F
ClientSampleId :
RL-4-12.25-24.5

Tgt Ion:244 Resp: 553893

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	13.7	10.3	15.5

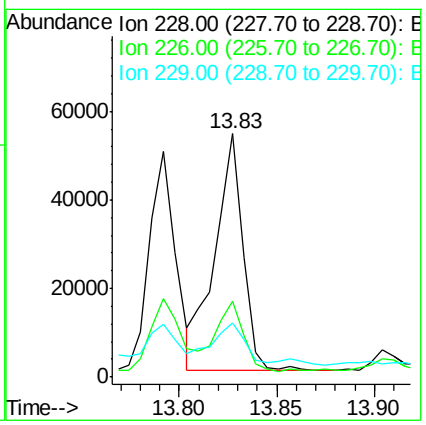


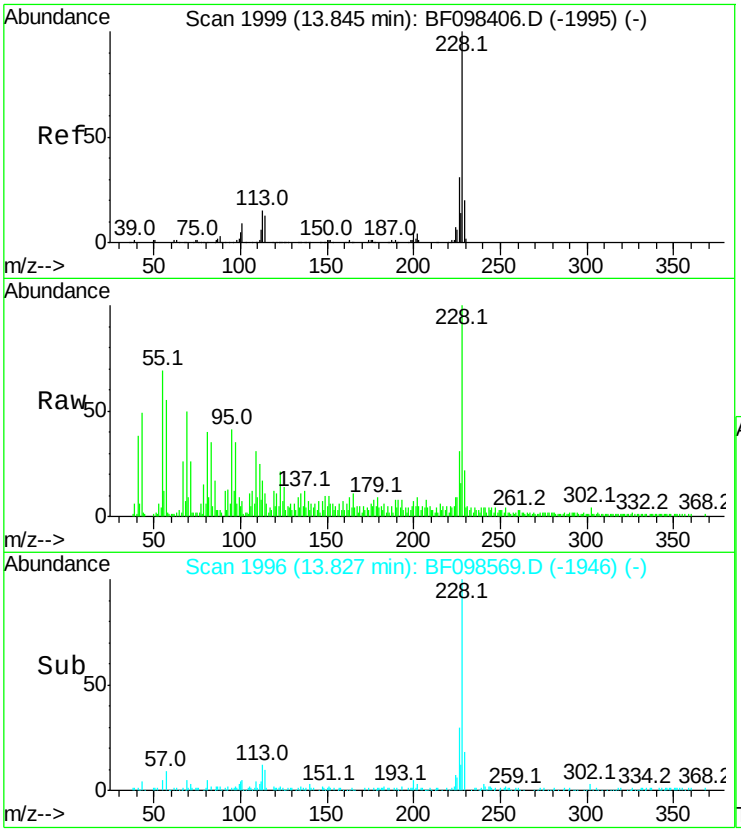


#80
Benzo(a)anthracene
Concen: 3.346 ng
RT: 13.83 min Scan# 1996
Delta R.T. 0.04 min
Lab File: BF098569.D
Acq: 15 Sep 2017 15:06

Tgt Ion:228 Resp: 54034

Ion	Ratio	Lower	Upper
228	100		
226	31.4	22.6	33.8
229	22.3	16.3	24.5



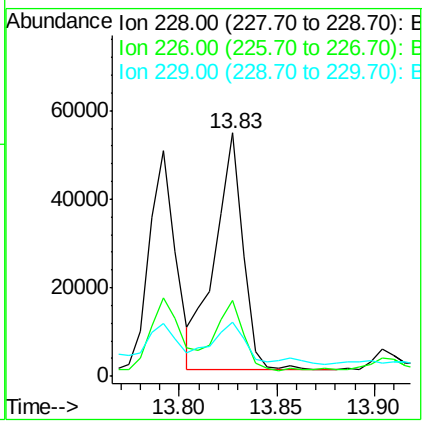


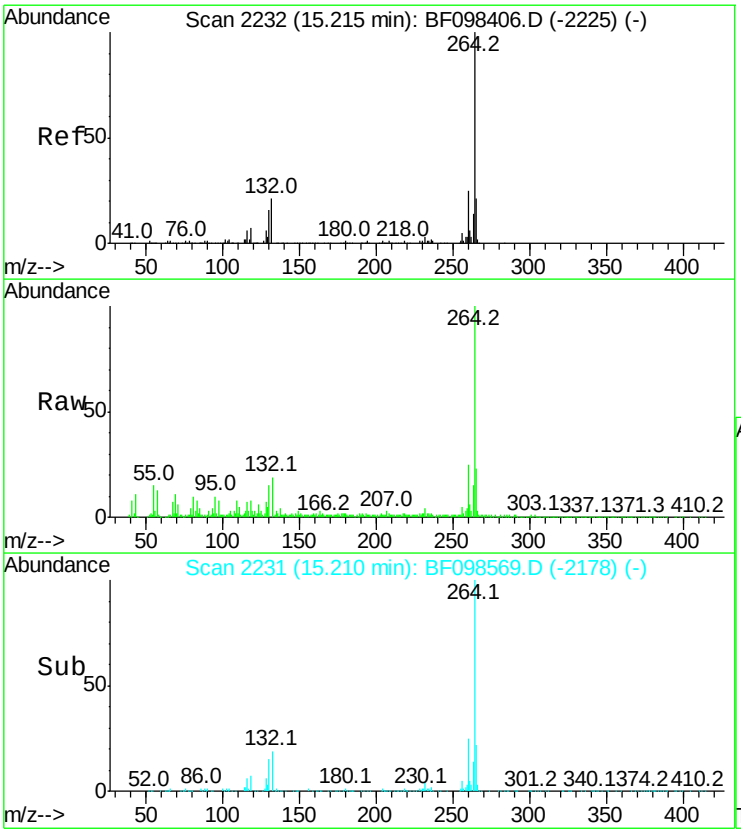
#82
Chrysene
Concen: 3.310 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF098569.D
Acq: 15 Sep 2017 15:06

Instrument :
BNA_F
ClientSampleId :
RL-4-12.25-24.5

Tgt Ion:228 Resp: 54034

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.9	37.3
229	22.3	15.8	23.6

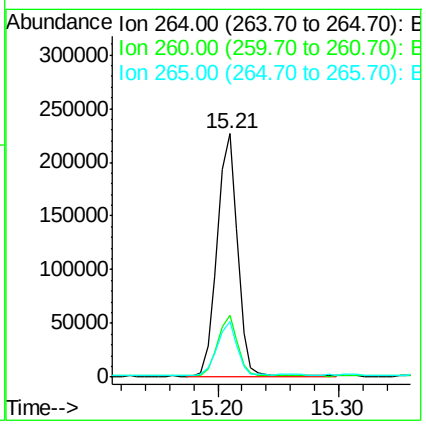


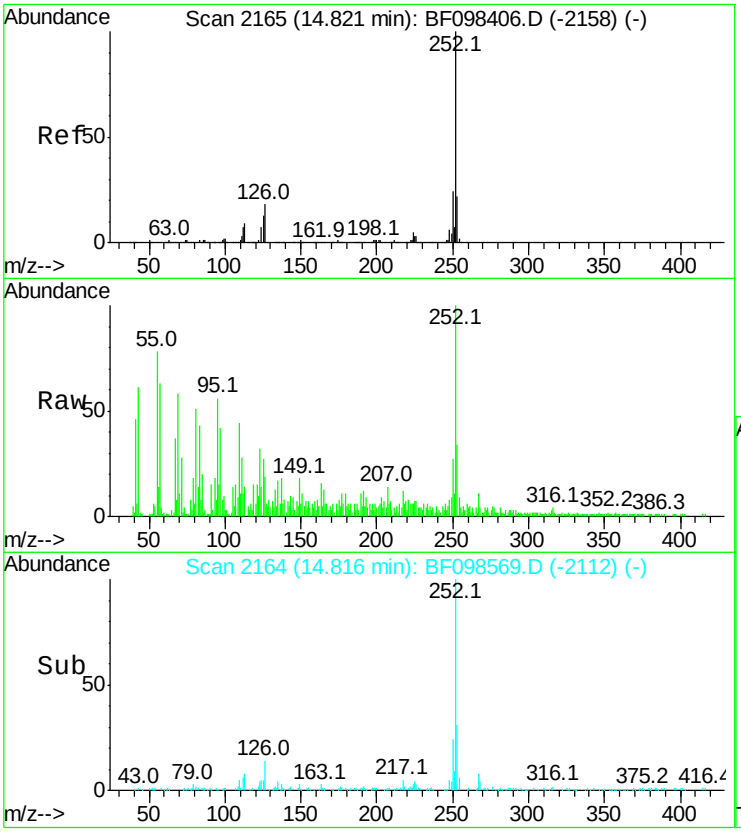


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF098569.D
Acq: 15 Sep 2017 15:06

Tgt Ion:264 Resp: 260752

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.5	29.3
265	22.6	17.2	25.8



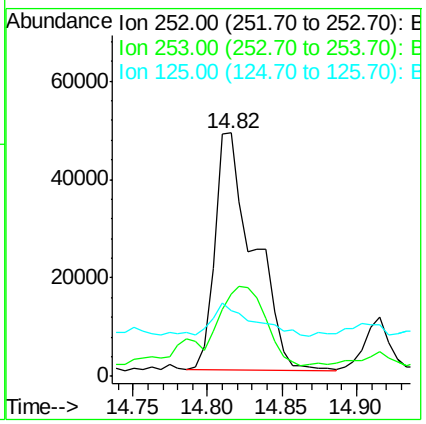


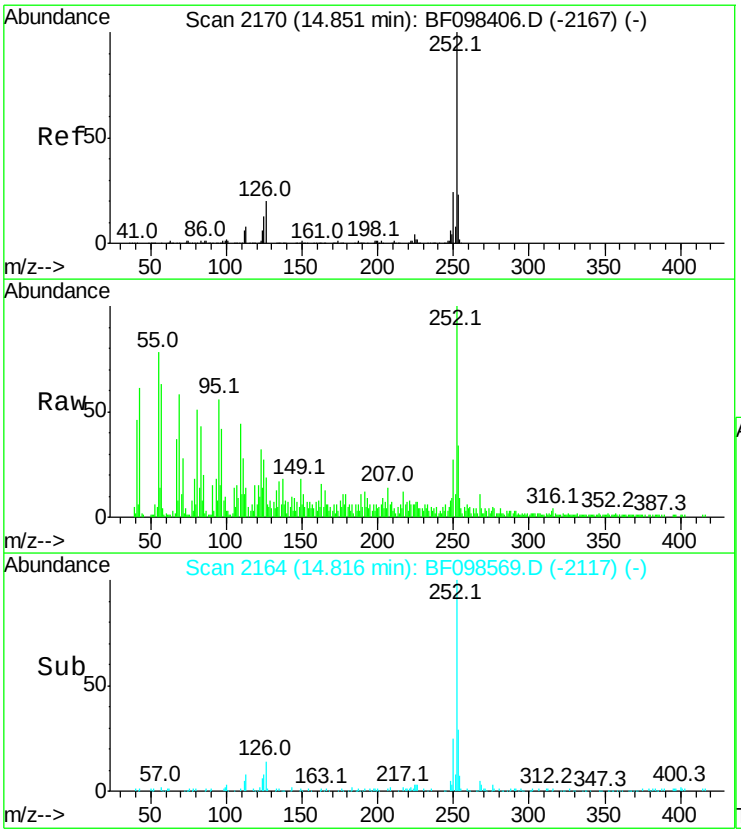
#87
Benzo(b)fluoranthene
Concen: 5.371 ng
RT: 14.82 min Scan# 2164
Delta R.T. 0.01 min
Lab File: BF098569.D
Acq: 15 Sep 2017 15:06

Instrument :
BNA_F
ClientSampleId :
RL-4-12.25-24.5

Tgt Ion:252 Resp: 88062

Ion	Ratio	Lower	Upper
252	100		
253	33.9	18.1	27.1#
125	26.8	9.8	14.8#

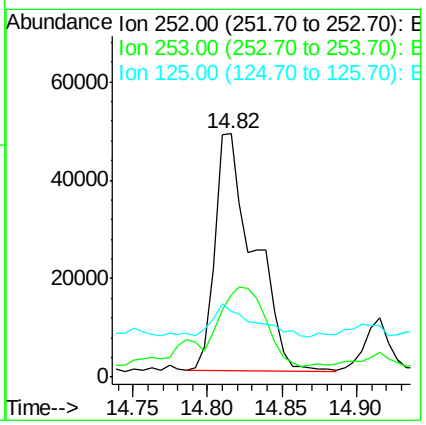


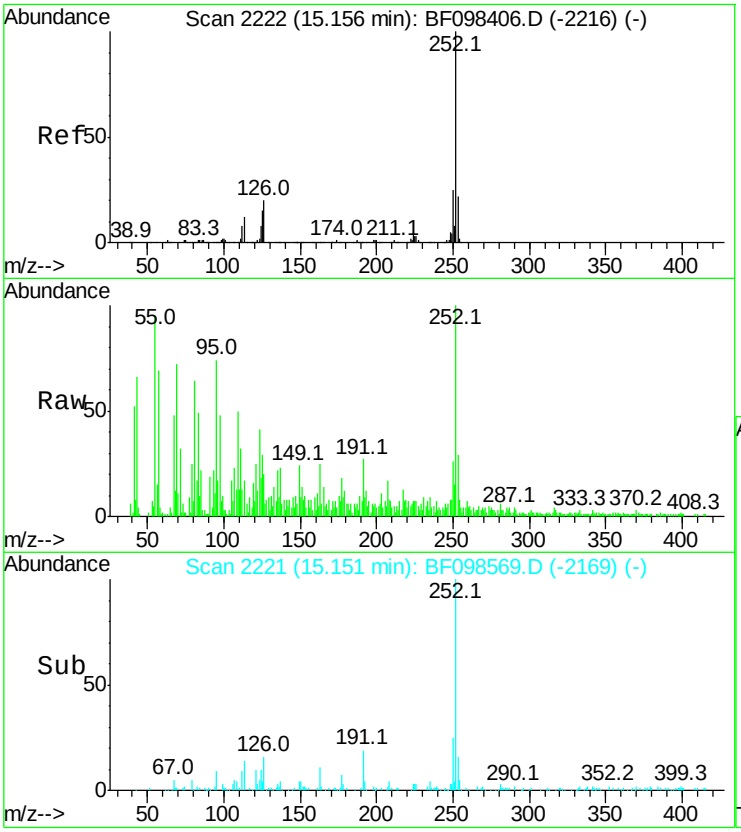


#88
Benzo(k)fluoranthene
Concen: 5.753 ng
RT: 14.82 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BF098569.D
Acq: 15 Sep 2017 15:06

Tgt Ion:252 Resp: 88062

Ion	Ratio	Lower	Upper
252	100		
253	33.9	18.4	27.6#
125	26.8	13.1	19.7#



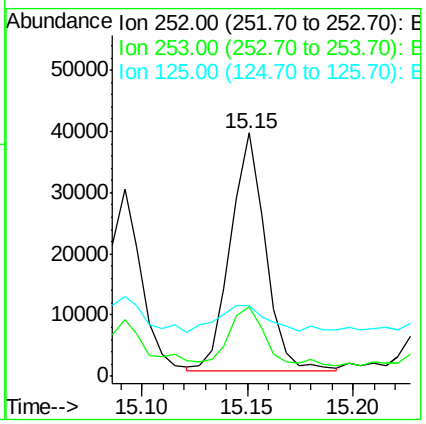


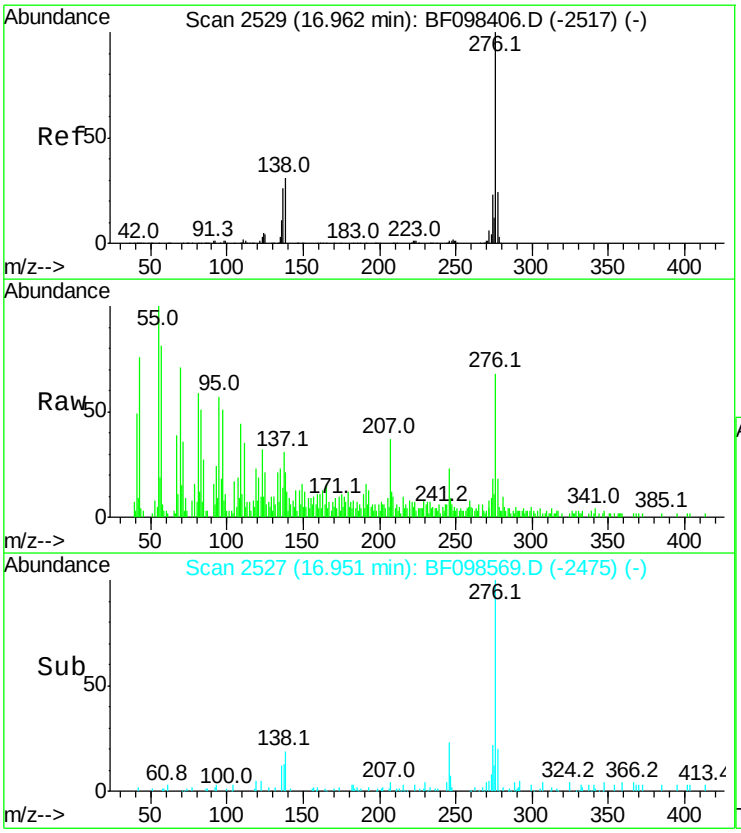
#89
Benzo(a)pyrene
Concen: 3.054 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.01 min
Lab File: BF098569.D
Acq: 15 Sep 2017 15:06

Instrument :
BNA_F
ClientSampleId :
RL-4-12.25-24.5

Tgt Ion:252 Resp: 44604

Ion	Ratio	Lower	Upper
252	100		
253	28.6	17.5	26.3#
125	29.1	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 2.084 ng
RT: 16.95 min Scan# 2527
Delta R.T. 0.01 min
Lab File: BF098569.D
Acq: 15 Sep 2017 15:06

Tgt Ion:276 Resp: 22267

Ion	Ratio	Lower	Upper
276	100		
277	26.2	18.6	28.0
138	30.3	25.4	38.0