Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091517\
Data File : BF098568.D
Acq On : 15 Sep 2017 14:38
Operator : SJ/JU
Sample : I5188-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RL-6-0-11

Quant Time: Sep 15 15:05:39 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	6.65	152	136749	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	544854	20.00	ng		0.00
38) Acenaphthene-d10	9.68	164	219686	20.00	ng		0.00
63) Phenanthrene-d10	11.16	188	331279	20.00	ng		0.00
75) Chrysene-d12	13.80	240	261037	20.00	ng		0.00
86) Perylene-d12	15.20	264	279804	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	988487	106.87	ng		0.02
7) Phenol-d6	6.31	99	1216600	103.60	ng		0.01
23) Nitrobenzene-d5	7.22	82	740310	75.75	ng		0.00
41) 2,4,6-Tribromophenol	10.47	330	157592	107.48	ng		0.00
44) 2-Fluorobiphenyl	9.00	172	1194487	92.16	ng		0.00
78) Terphenyl-d14	12.75	244	689486	57.01	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.32	94	33572	2.461	ng	#	78
19) n-Nitroso-di-n-propylamine	7.22	70	101816	13.784	ng	#	76
25) Isophorone	7.22	82	737754	37.310	ng	#	67
31) Naphthalene	7.95	128	88019	3.268	ng		97
32) Benzoic acid	7.75	122	247	8.005	ng	#	49
49) Dimethylphthalate	9.40	163	155029	9.116	ng		98
51) Acenaphthene	9.71	154	50691	3.819	ng		98
55) 4-Nitrophenol	9.89	139	13294	5.488	ng	#	31
56) 2,4-Dinitrotoluene	9.68	165	28929	6.812	ng	#	34
57) Fluorene	10.23	166	64662	4.468	ng		99
64) 4,6-Dinitro-2-methylphenol	10.47	198	457	5.166	ng	#	1
66) 4-Bromophenyl-phenylether	10.47	248	12098	3.848	ng	#	1
70) Phenanthrene	11.19	178	657820	37.457	ng		99
71) Anthracene	11.24	178	209959	11.644	ng		99
72) Carbazole	11.40	167	37247	2.217	ng		99
74) Fluoranthene	12.38	202	1036857	58.976	ng		96
77) Pyrene	12.60	202	888822	43.163	ng		99
80) Benzo(a)anthracene	13.79	228	544709	35.592	ng		100
82) Chrysene	13.83	228	425156	27.483	ng		97
85) Indeno(1,2,3-cd)pyrene	16.54	276	190652	17.566	ng	#	90
87) Benzo(b)fluoranthene	14.82	252	789383	44.868	ng		98
88) Benzo(k)fluoranthene	14.82	252	789383	48.062	ng		97
89) Benzo(a)pyrene	15.15	252	413279	26.368	ng		99
90) Dibenzo(a,h)anthracene	16.70	278	42244	3.705	ng		93
91) Benzo(g,h,i)perylene	16.95	276	179234	15.629	ng		94

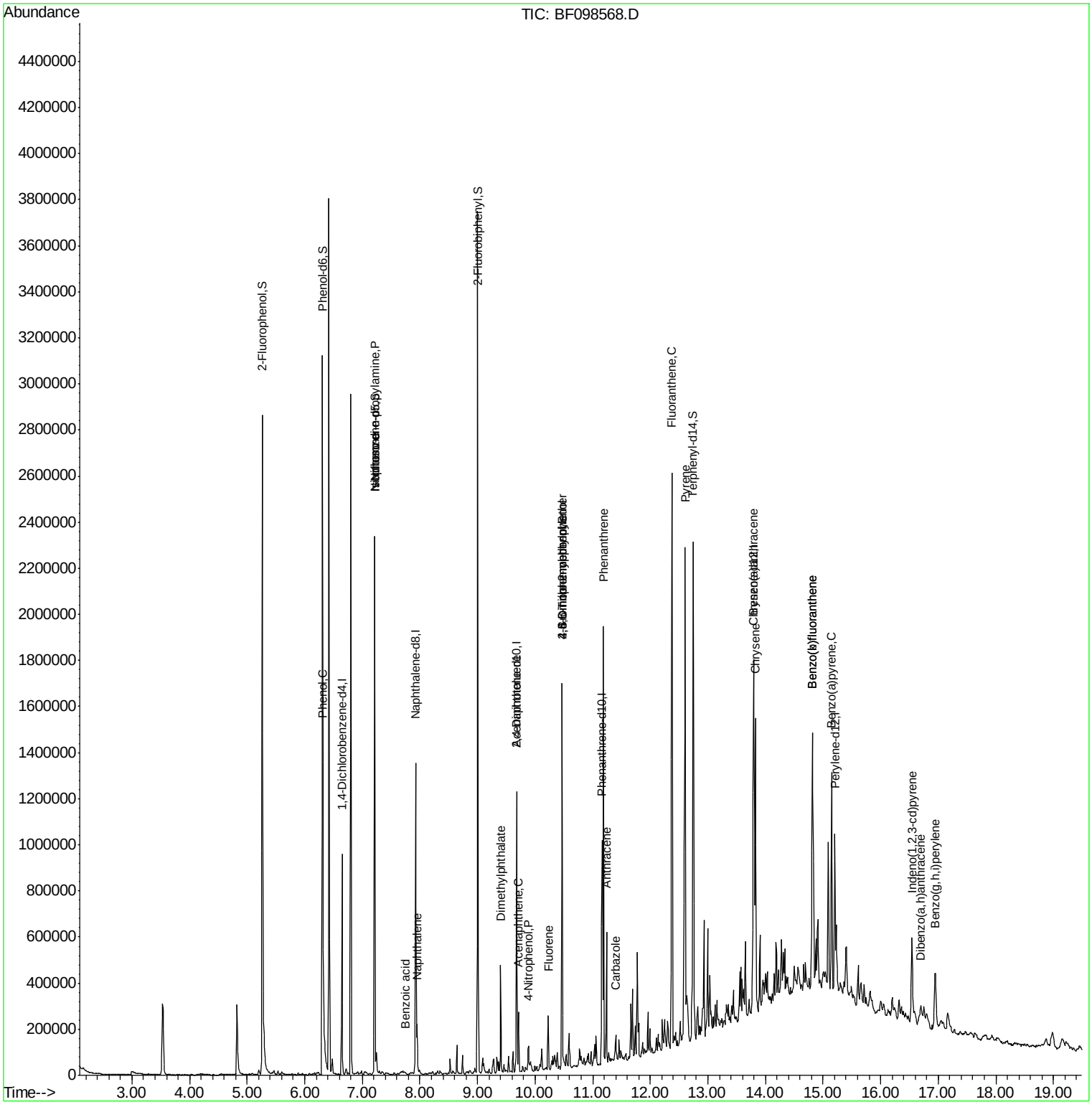
(#) = qualifier out of range (m) = manual integration (+) = signals summed

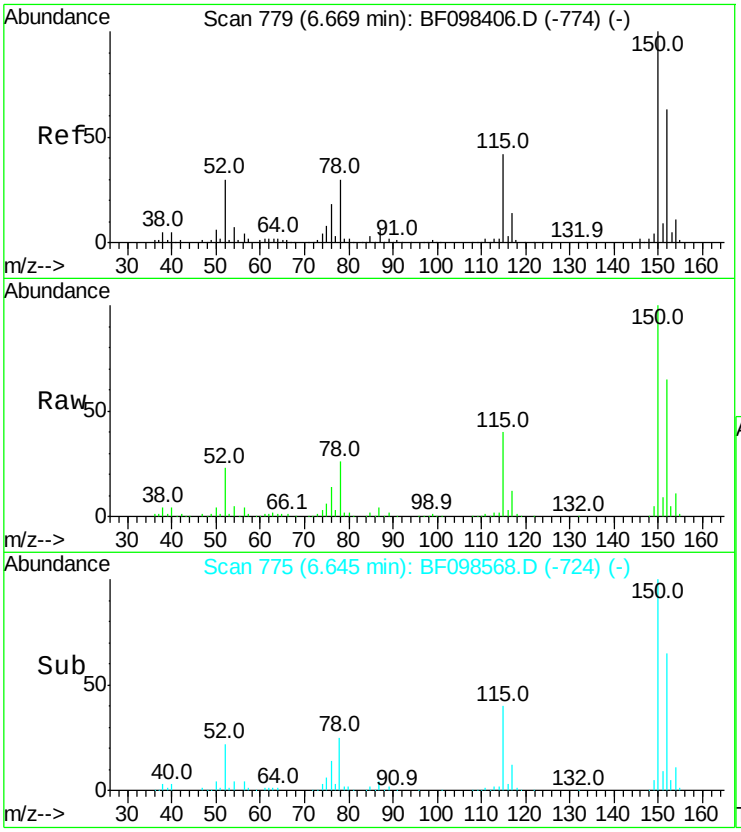
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091517\
Data File : BF098568.D
Acq On : 15 Sep 2017 14:38
Operator : SJ/JU
Sample : I5188-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RL-6-0-11

Quant Time: Sep 15 15:05:39 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



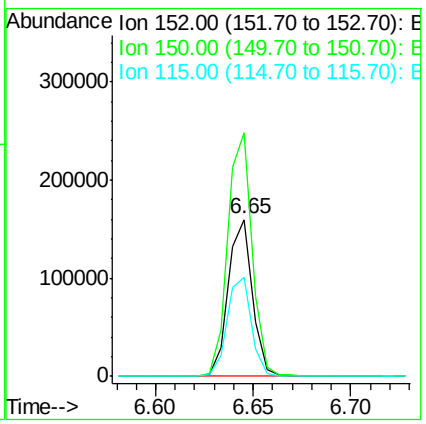


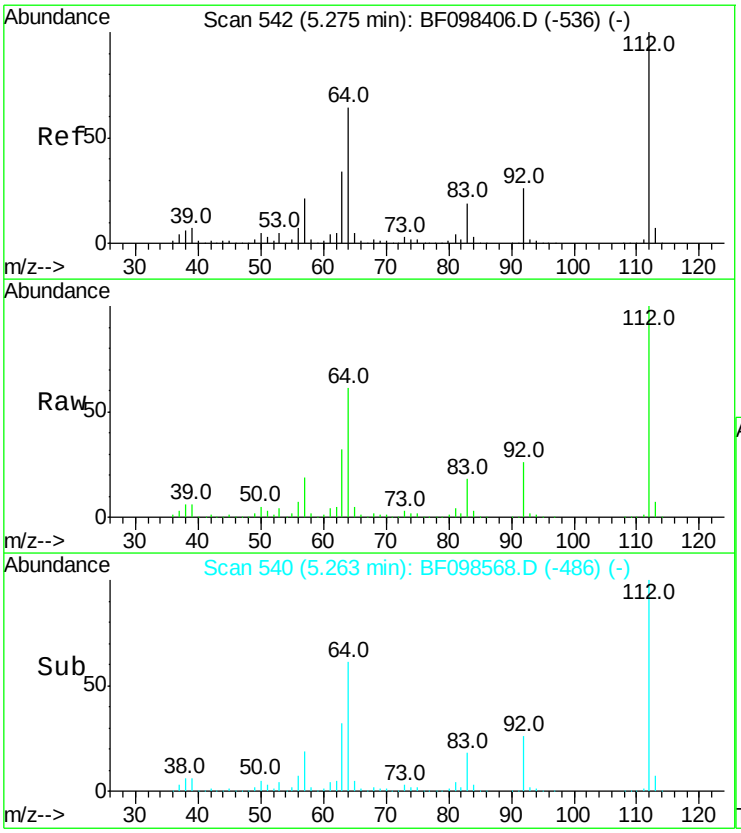
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF098568.D
Acq: 15 Sep 2017 14:38

Instrument :
BNA_F
ClientSampleId :
RL-6-0-11

Tgt Ion:152 Resp: 136749

Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.2	189.2
115	62.7	52.2	78.2

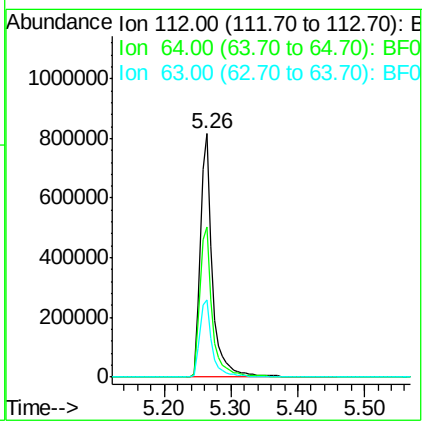


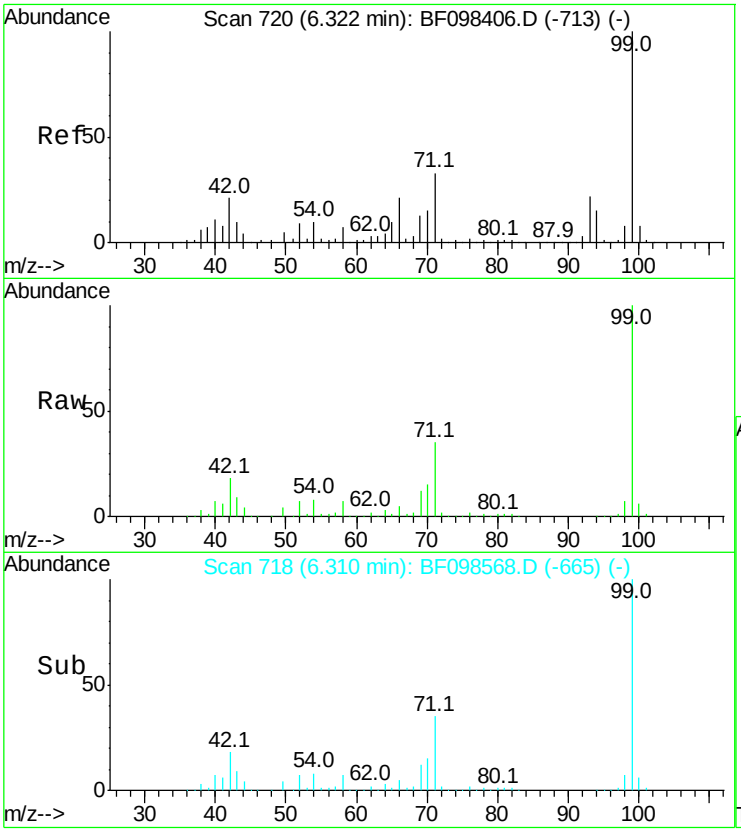


#5
2-Fluorophenol
Concen: 106.875 ng
RT: 5.26 min Scan# 540
Delta R.T. 0.02 min
Lab File: BF098568.D
Acq: 15 Sep 2017 14:38

Tgt Ion:112 Resp: 988487

Ion	Ratio	Lower	Upper
112	100		
64	61.4	46.0	69.0
63	32.0	23.4	35.0



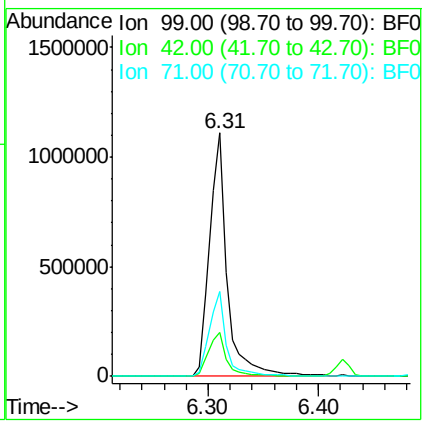


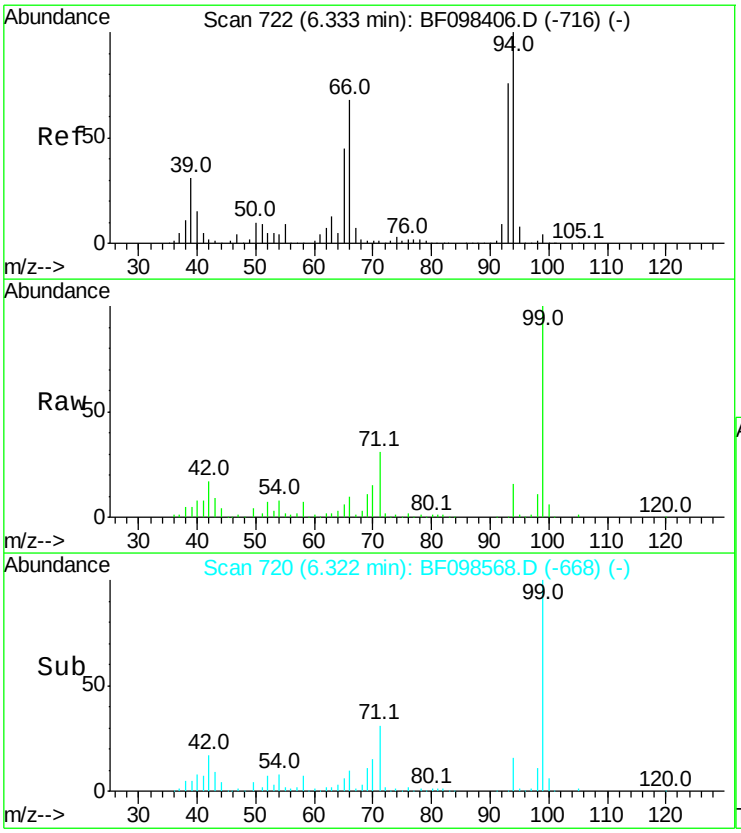
#7
Phenol-d6
Concen: 103.601 ng
RT: 6.31 min Scan# 718
Delta R.T. 0.01 min
Lab File: BF098568.D
Acq: 15 Sep 2017 14:38

Instrument :
BNA_F
ClientSampleId :
RL-6-0-11

Tgt Ion: 99 Resp: 1216600

Ion	Ratio	Lower	Upper
99	100		
42	18.2	13.5	20.3
71	34.8	24.5	36.7

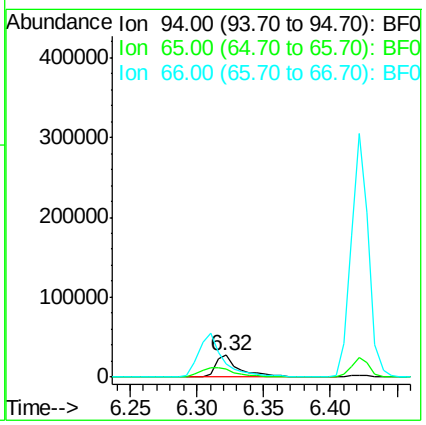


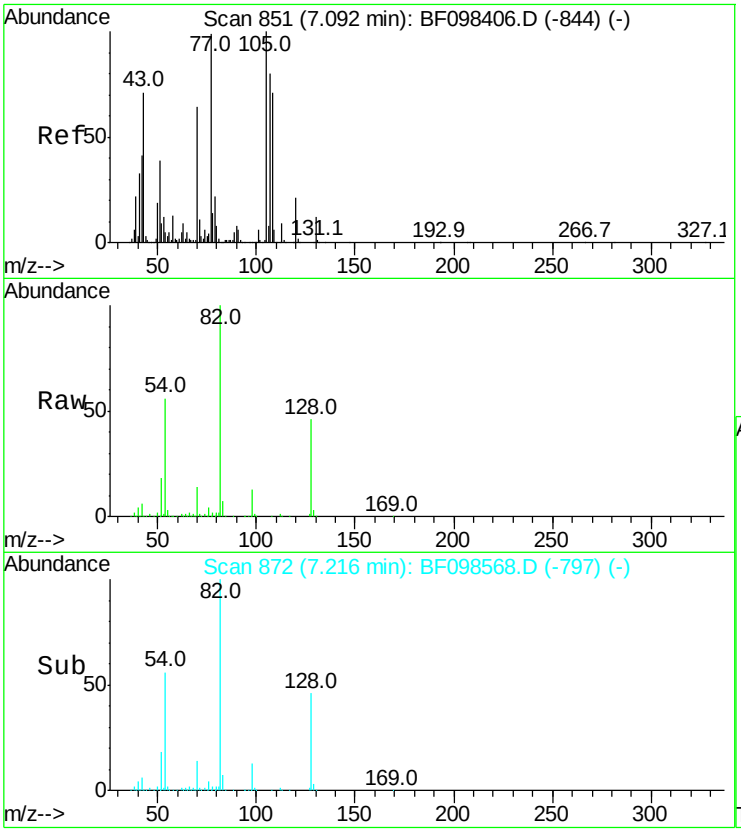


#10
Phenol
Concen: 2.461 ng
RT: 6.32 min Scan# 720
Delta R.T. 0.01 min
Lab File: BF098568.D
Acq: 15 Sep 2017 14:38

Tgt Ion: 94 Resp: 33572

Ion	Ratio	Lower	Upper
94	100		
65	34.5	9.9	49.9
66	63.3	23.1	63.1#



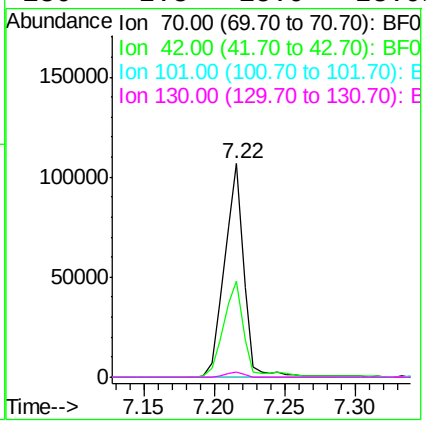


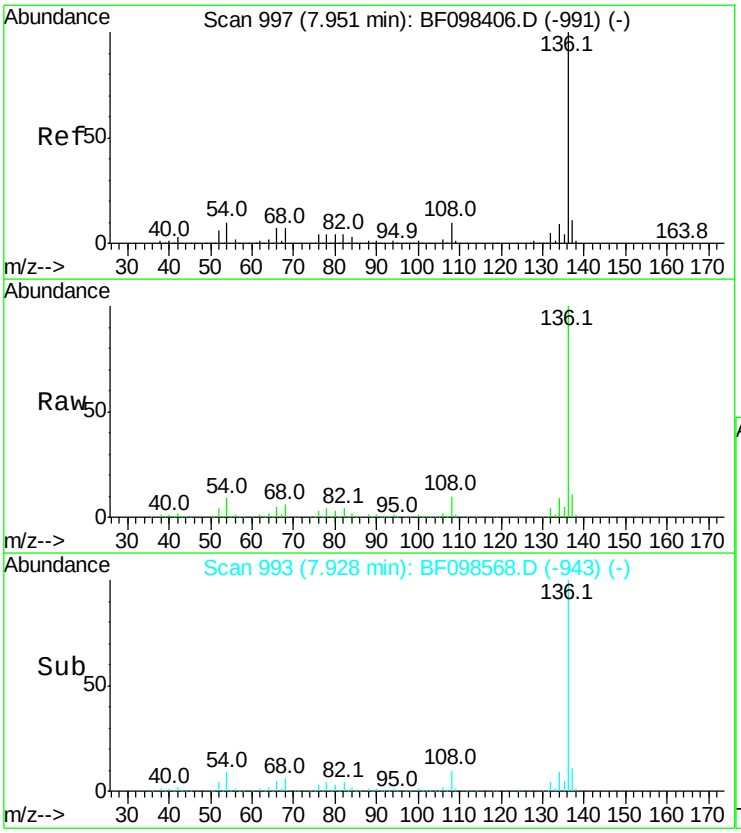
#19
n-Nitroso-di-n-propylamine
Concen: 13.784 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.14 min
Lab File: BF098568.D
Acq: 15 Sep 2017 14:38

Instrument : BNA_F
ClientSampleId : RL-6-0-11

Tgt Ion: 70 Resp: 101816

Ion	Ratio	Lower	Upper
70	100		
42	44.8	47.2	70.8#
101	0.0	7.2	10.8#
130	2.3	15.9	23.9#

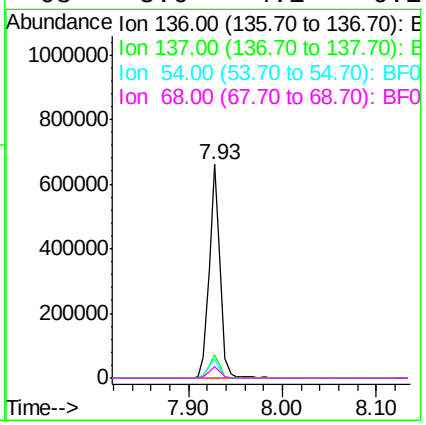


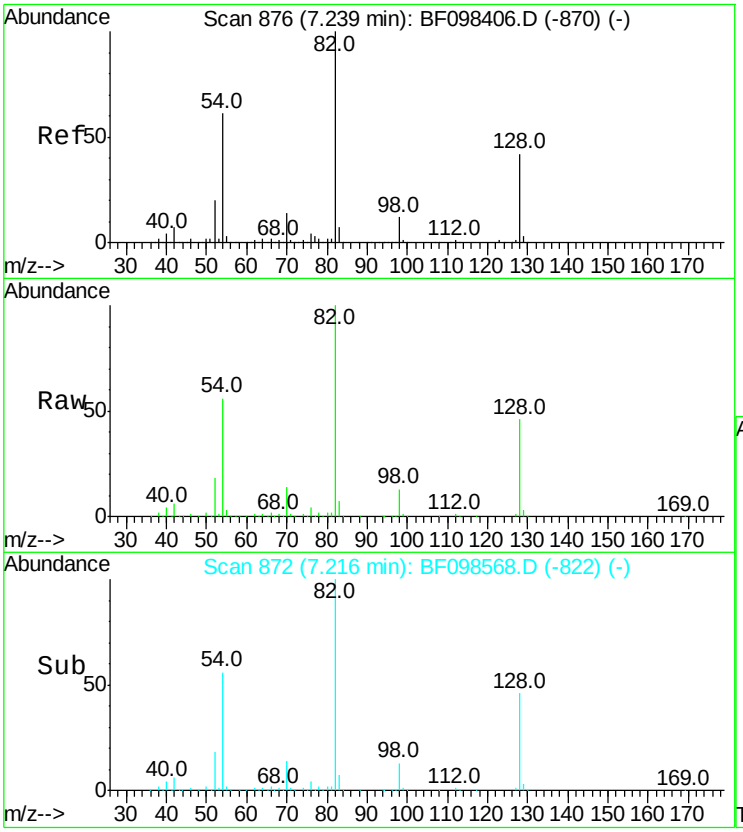


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF098568.D
Acq: 15 Sep 2017 14:38

Tgt Ion:136 Resp: 544854

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	9.2	4.9	7.3#
68	5.6	4.1	6.1



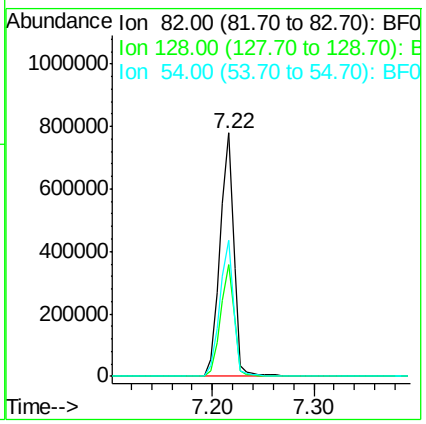


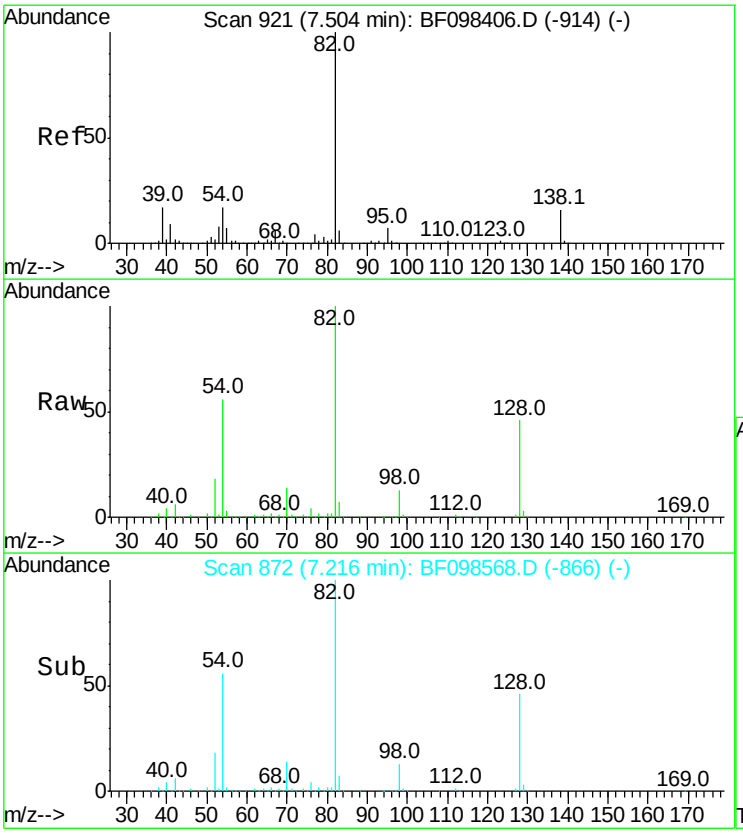
#23
Nitrobenzene-d5
Concen: 75.749 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF098568.D
Acq: 15 Sep 2017 14:38

Instrument :
BNA_F
ClientSampleId :
RL-6-0-11

Tgt Ion: 82 Resp: 740310

Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.0	51.0
54	56.0	42.2	63.2

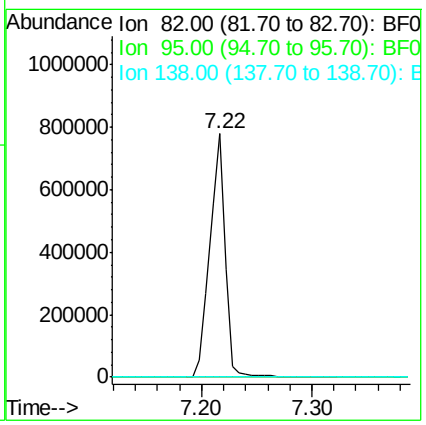


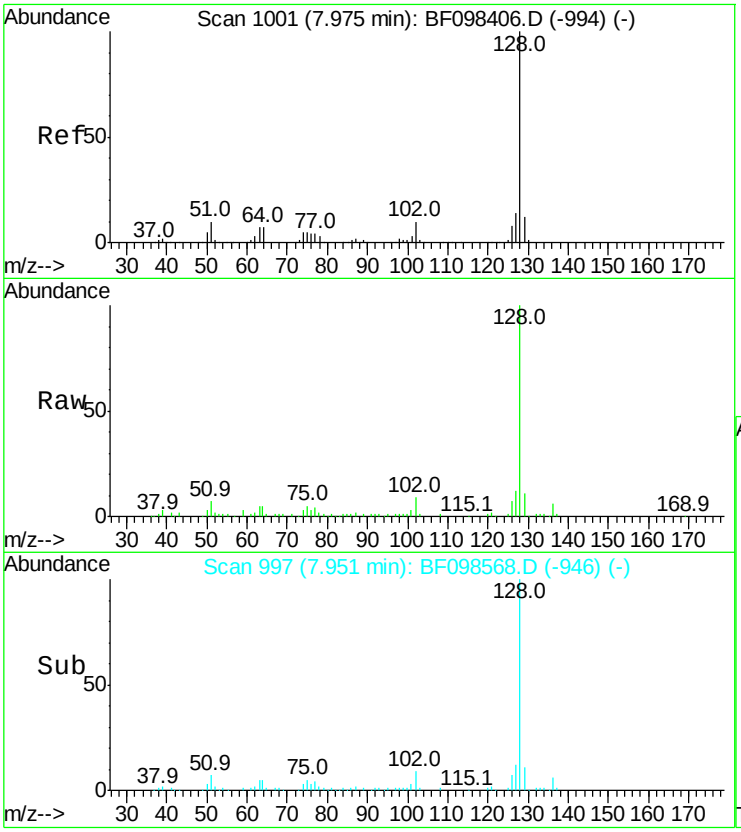


#25
Isophorone
Concen: 37.310 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.26 min
Lab File: BF098568.D
Acq: 15 Sep 2017 14:38

Tgt Ion: 82 Resp: 737754

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



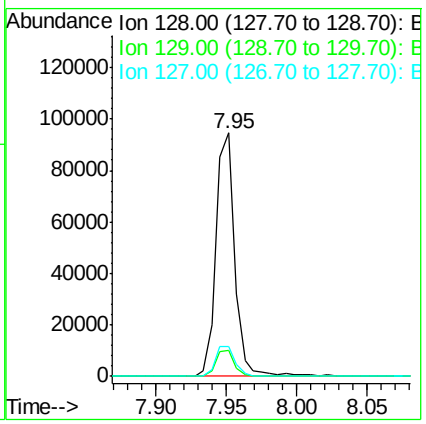


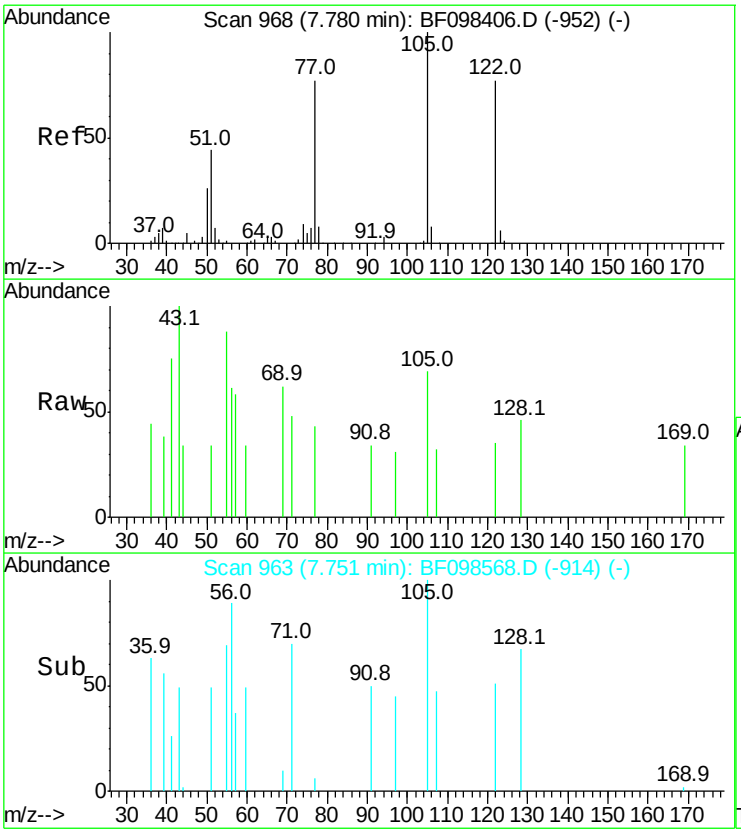
#31
Naphthalene
Concen: 3.268 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF098568.D
Acq: 15 Sep 2017 14:38

Instrument :
BNA_F
ClientSampleId :
RL-6-0-11

Tgt Ion:128 Resp: 88019

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.6
127	12.2	10.8	16.2

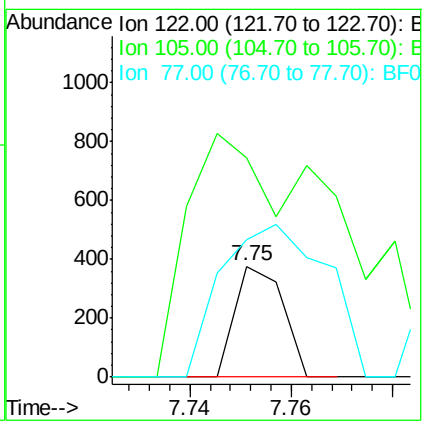


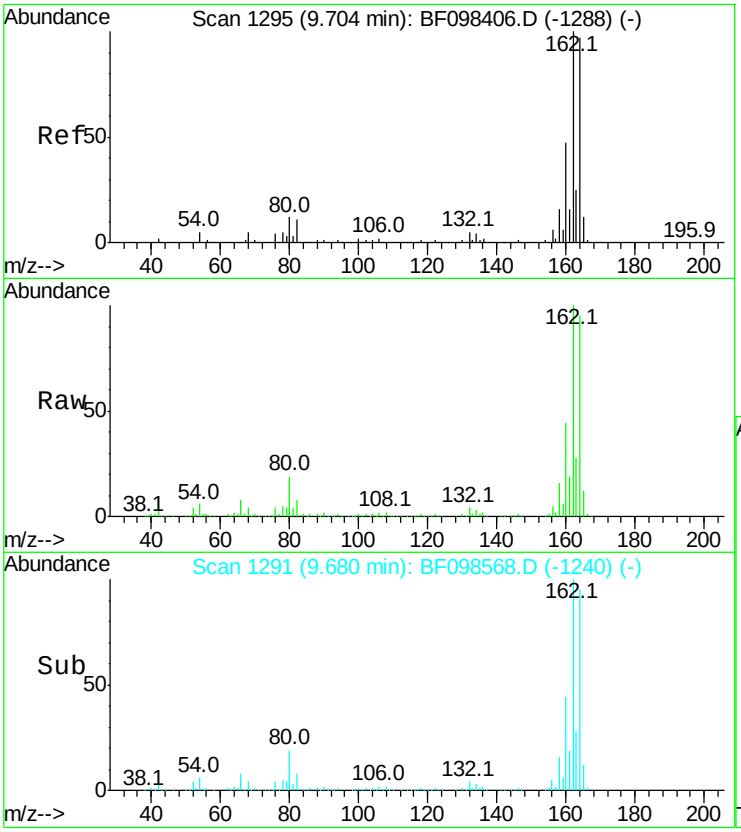


#32
Benzoic acid
Concen: 8.005 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF098568.D
Acq: 15 Sep 2017 14:38

Tgt Ion:122 Resp: 247

Ion	Ratio	Lower	Upper
122	100		
105	197.9	103.3	143.3#
77	124.2	73.7	113.7#



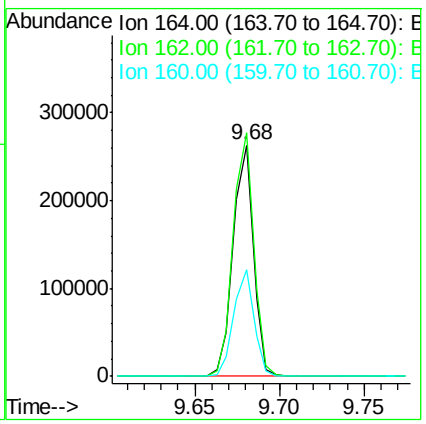


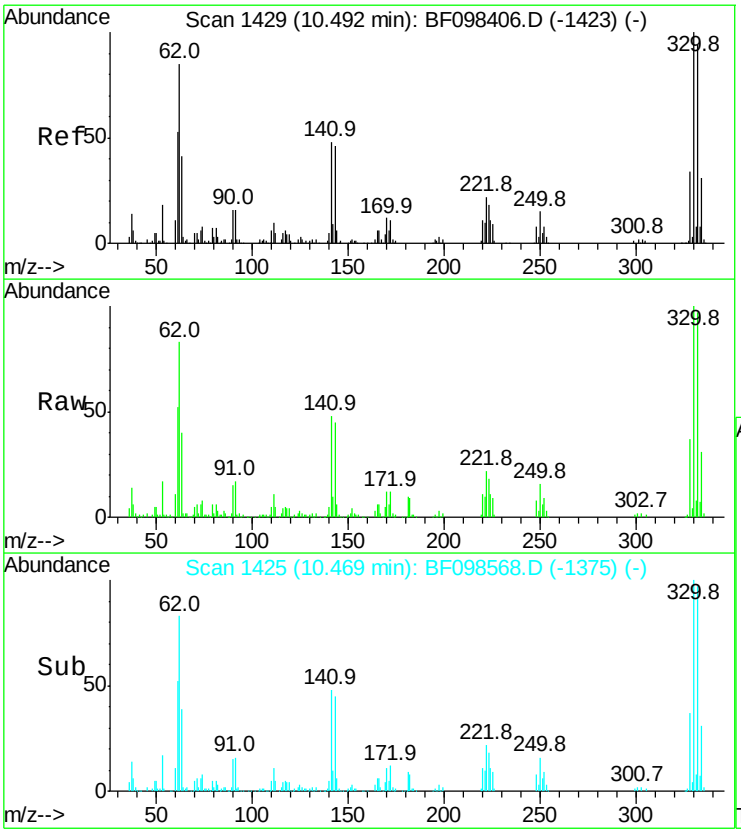
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF098568.D
Acq: 15 Sep 2017 14:38

Instrument :
BNA_F
ClientSampleId :
RL-6-0-11

Tgt Ion:164 Resp: 219686

Ion	Ratio	Lower	Upper
164	100		
162	105.3	82.6	123.8
160	45.9	36.2	54.2

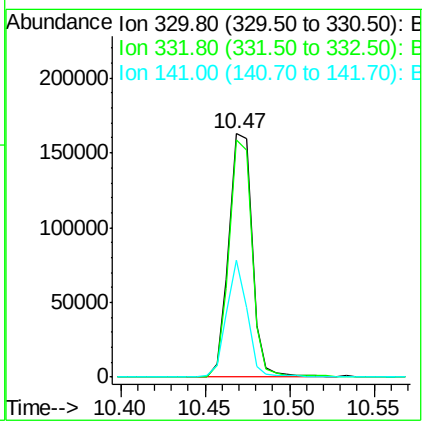


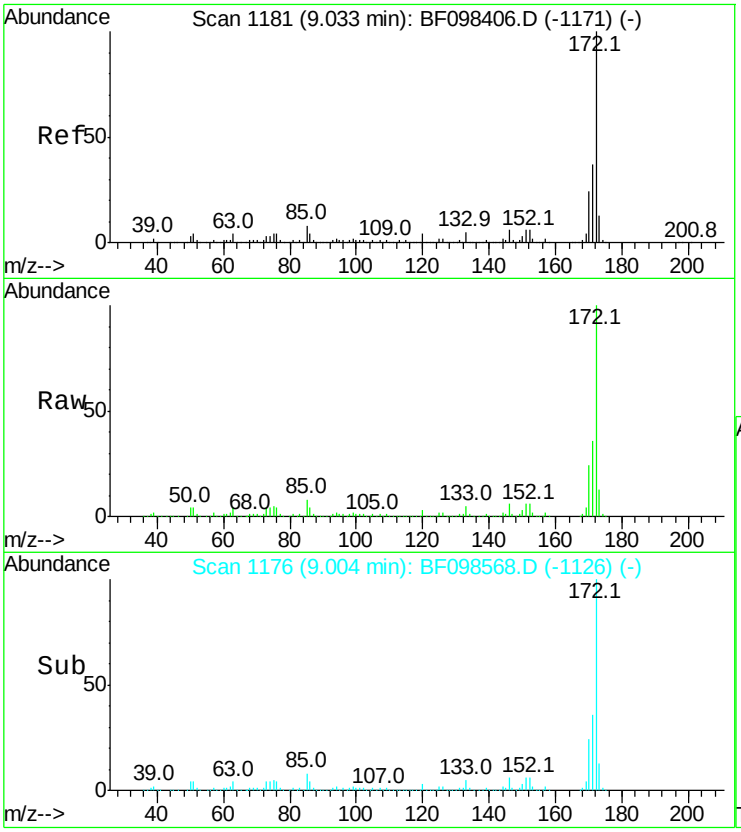


#41
2,4,6-Tribromophenol
Concen: 107.481 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF098568.D
Acq: 15 Sep 2017 14:38

Tgt Ion:330 Resp: 157592

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	42.9	31.4	47.2



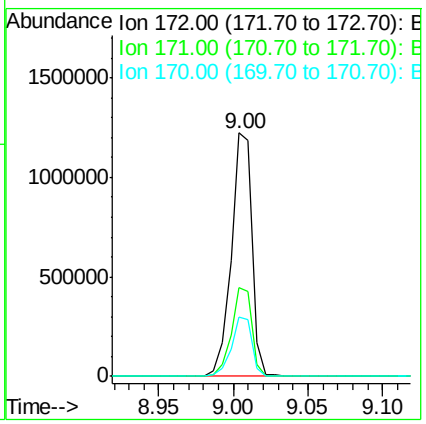


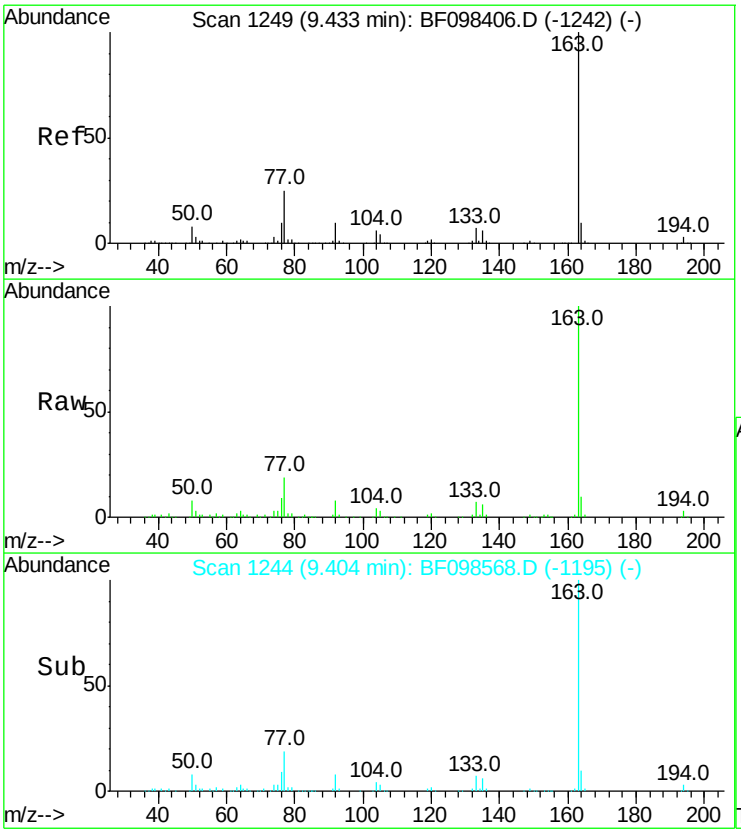
#44
2-Fluorobiphenyl
Concen: 92.157 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF098568.D
Acq: 15 Sep 2017 14:38

Instrument :
BNA_F
ClientSampleId :
RL-6-0-11

Tgt Ion:172 Resp: 1194487

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.1	19.8	29.8

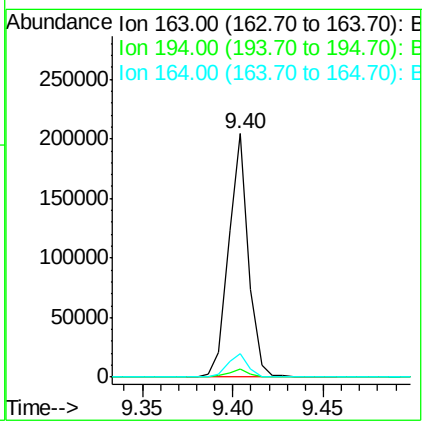


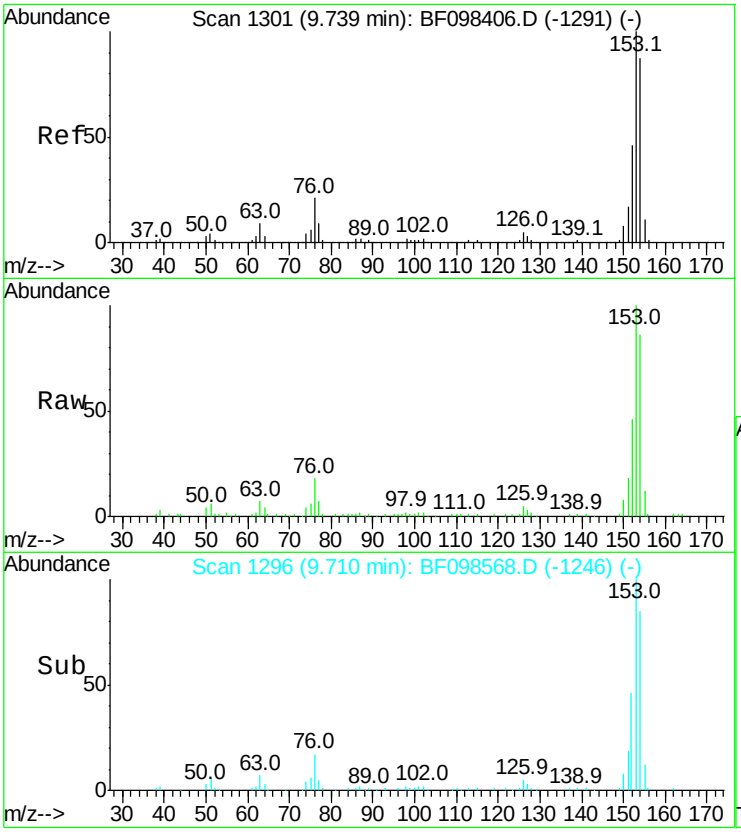


#49
Dimethylphthalate
Concen: 9.116 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BF098568.D
Acq: 15 Sep 2017 14:38

Tgt Ion:163 Resp: 155029

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.6	8.4	12.6



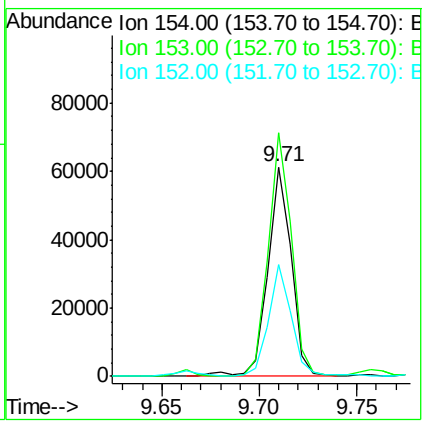


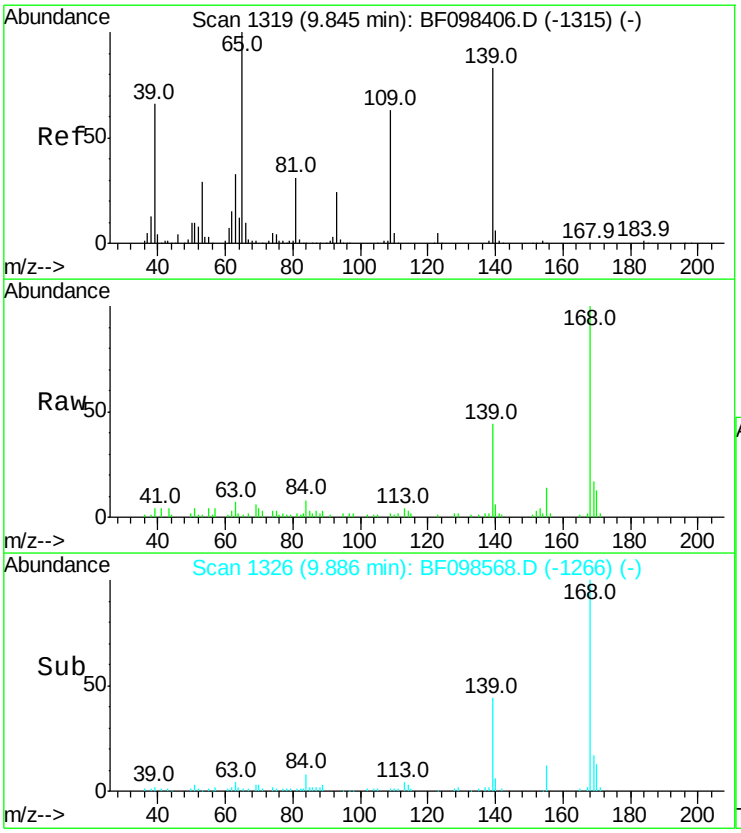
#51
Acenaphthene
Concen: 3.819 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF098568.D
Acq: 15 Sep 2017 14:38

Instrument :
BNA_F
ClientSampleId :
RL-6-0-11

Tgt Ion:154 Resp: 50691

Ion	Ratio	Lower	Upper
154	100		
153	116.3	90.5	135.7
152	53.5	43.6	65.4

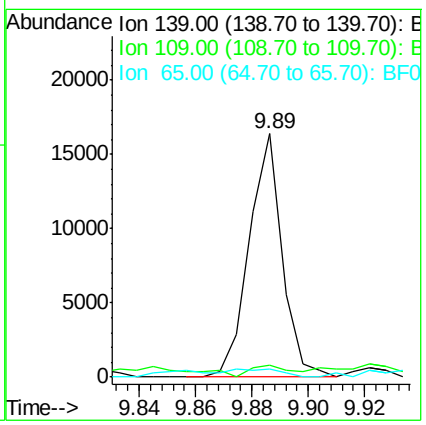


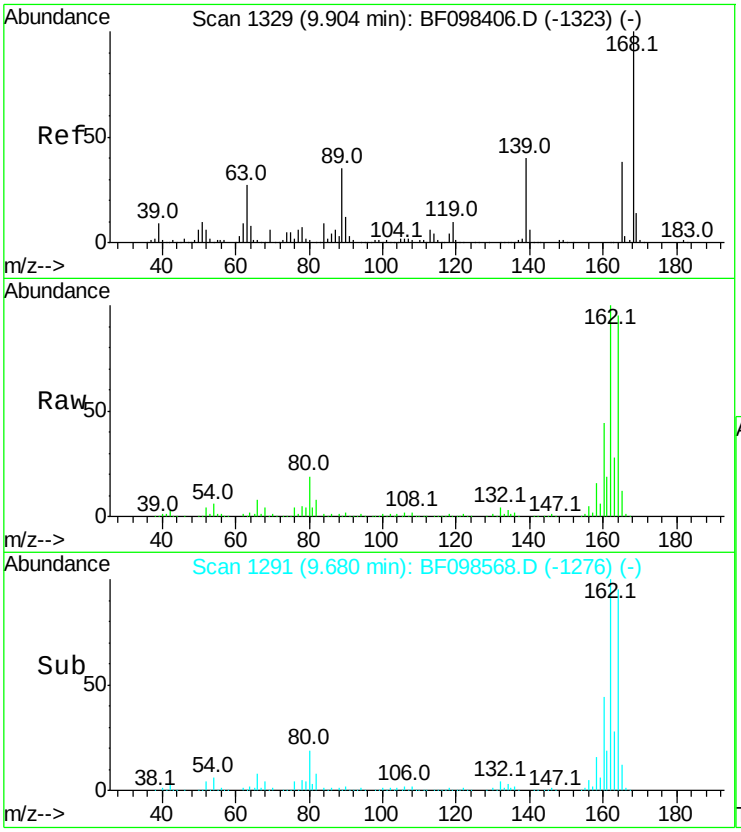


#55
4-Nitrophenol
Concen: 5.488 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.05 min
Lab File: BF098568.D
Acq: 15 Sep 2017 14:38

Tgt Ion:139 Resp: 13294

Ion	Ratio	Lower	Upper
139	100		
109	4.9	34.1	74.1#
65	3.1	31.4	71.4#



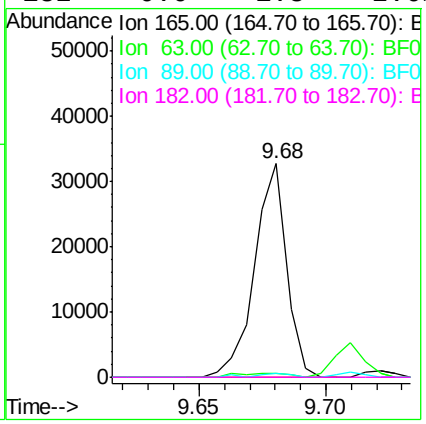


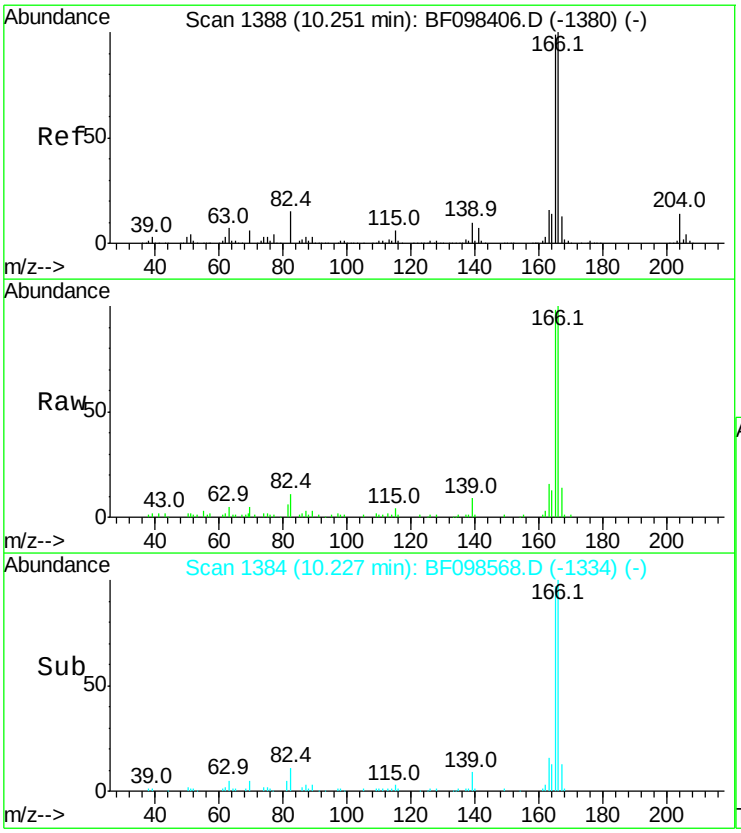
#56
2,4-Dinitrotoluene
Concen: 6.812 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.21 min
Lab File: BF098568.D
Acq: 15 Sep 2017 14:38

Instrument :
BNA_F
ClientSampleId :
RL-6-0-11

Tgt Ion:165 Resp: 28929

Ion	Ratio	Lower	Upper
165	100		
63	1.6	25.4	38.0#
89	2.0	46.4	69.6#
182	0.0	1.8	2.6#

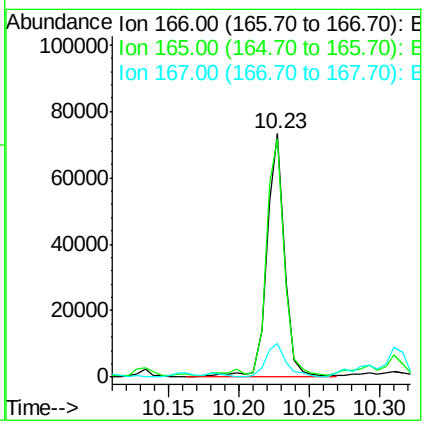


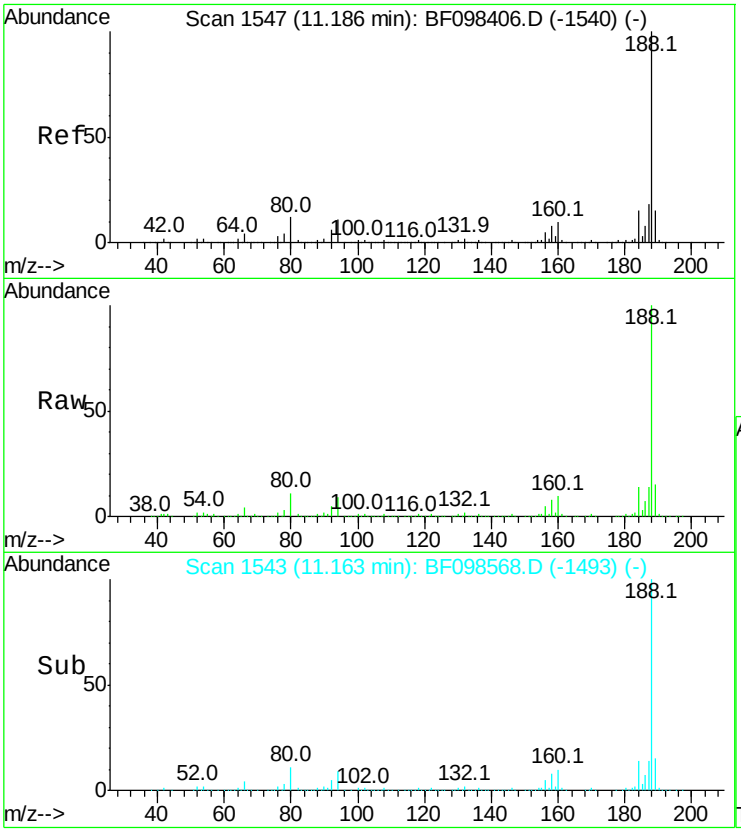


#57
Fluorene
Concen: 4.468 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF098568.D
Acq: 15 Sep 2017 14:38

Tgt Ion:166 Resp: 64662

Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.8	118.2
167	13.9	10.6	16.0



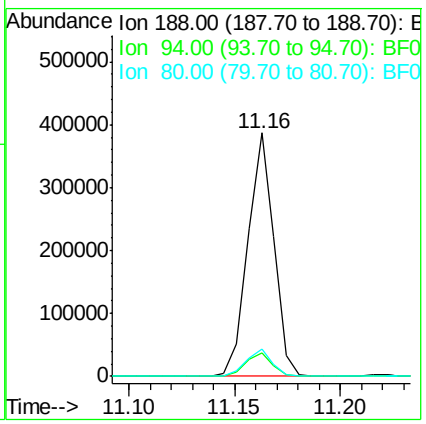


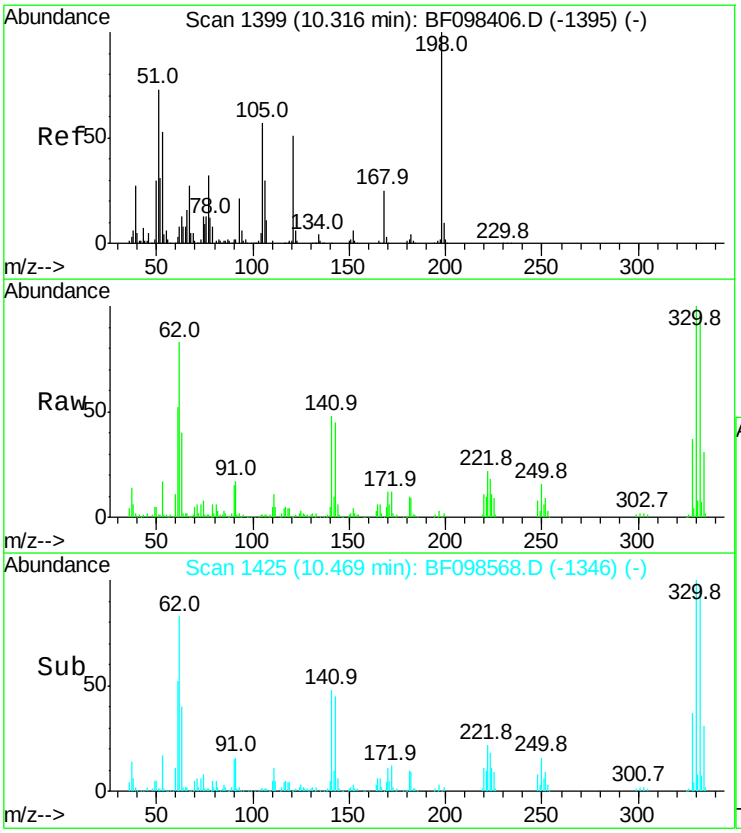
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF098568.D
Acq: 15 Sep 2017 14:38

Instrument :
BNA_F
ClientSampleId :
RL-6-0-11

Tgt Ion:188 Resp: 331279

Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.4	14.2
80	11.0	10.2	15.2

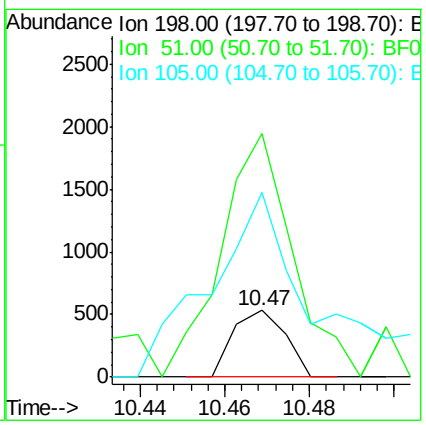


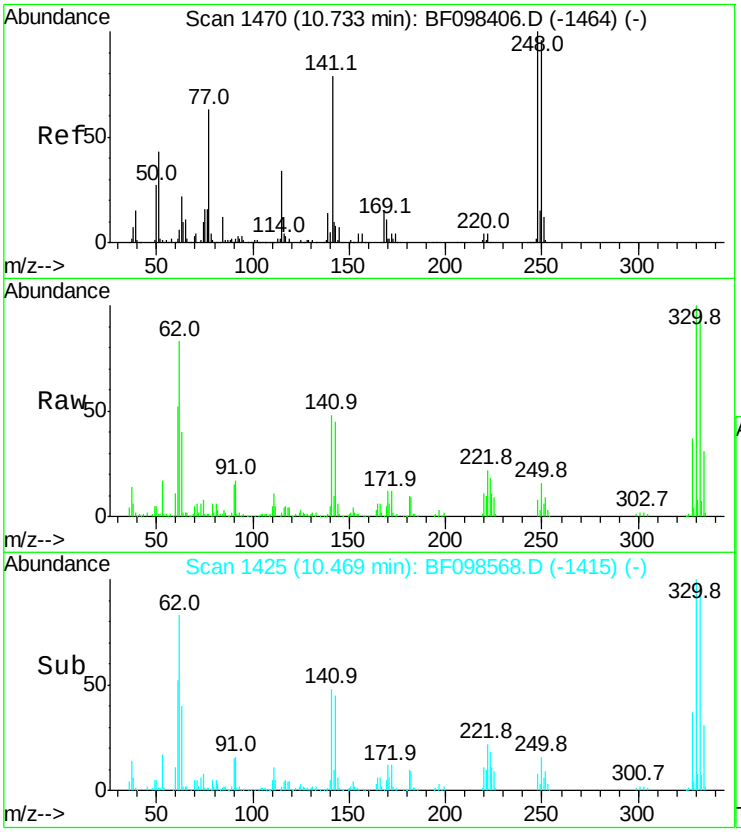


#64
4,6-Dinitro-2-methylphenol
Concen: 5.166 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.16 min
Lab File: BF098568.D
Acq: 15 Sep 2017 14:38

Tgt Ion:198 Resp: 457

Ion	Ratio	Lower	Upper
198	100		
51	365.4	53.2	93.2#
105	278.0	45.8	85.8#



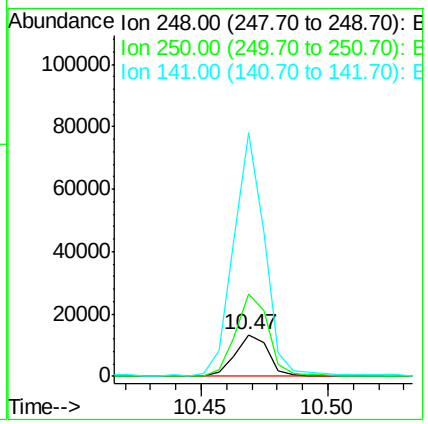


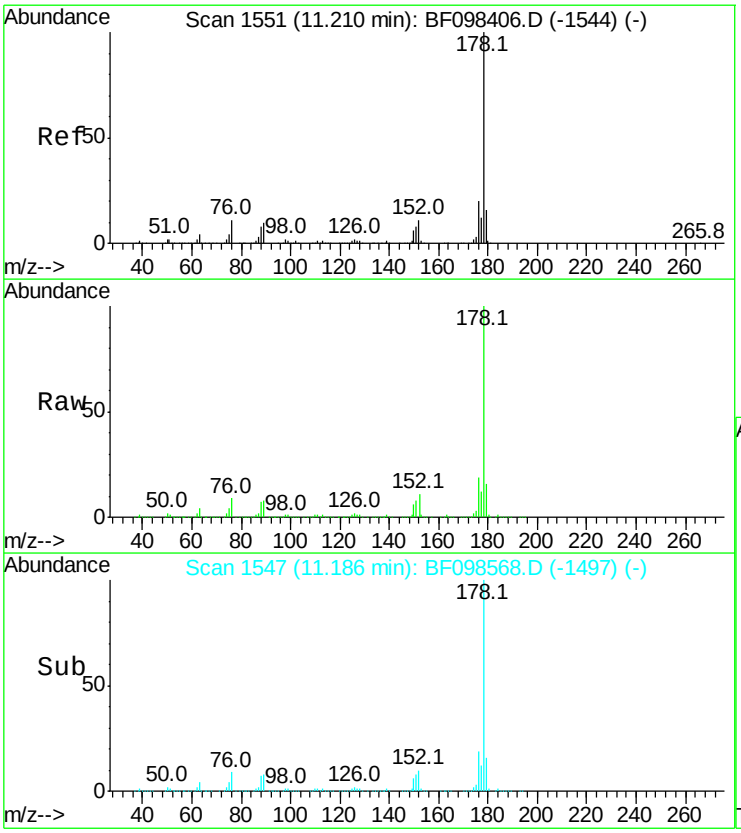
#66
4-Bromophenyl-phenylether
Concen: 3.848 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.24 min
Lab File: BF098568.D
Acq: 15 Sep 2017 14:38

Instrument :
BNA_F
ClientSampleId :
RL-6-0-11

Tgt Ion:248 Resp: 12098

Ion	Ratio	Lower	Upper
248	100		
250	197.4	76.8	115.2#
141	585.1	68.6	103.0#

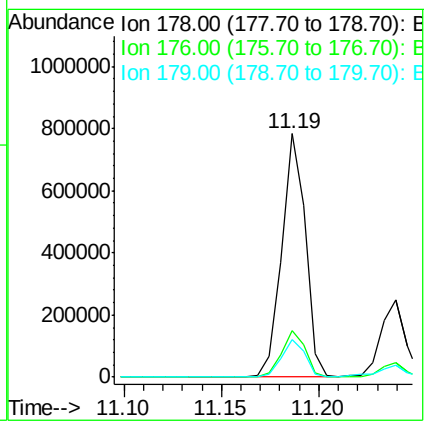


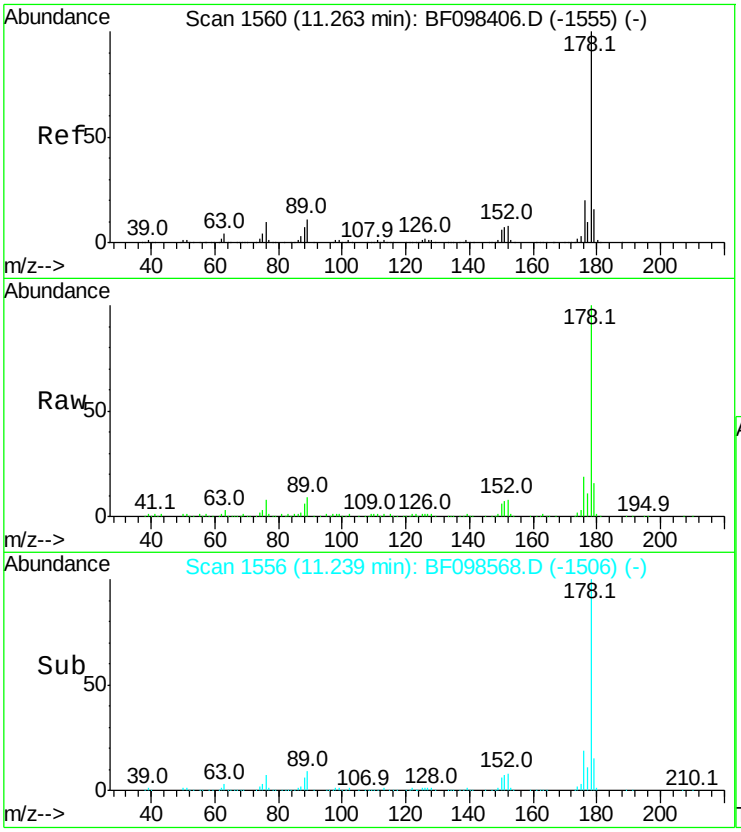


#70
Phenanthrene
Concen: 37.457 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BF098568.D
Acq: 15 Sep 2017 14:38

Tgt Ion:178 Resp: 657820

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.4
179	15.6	12.6	19.0



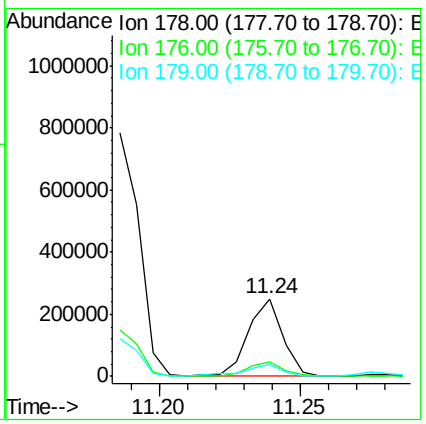


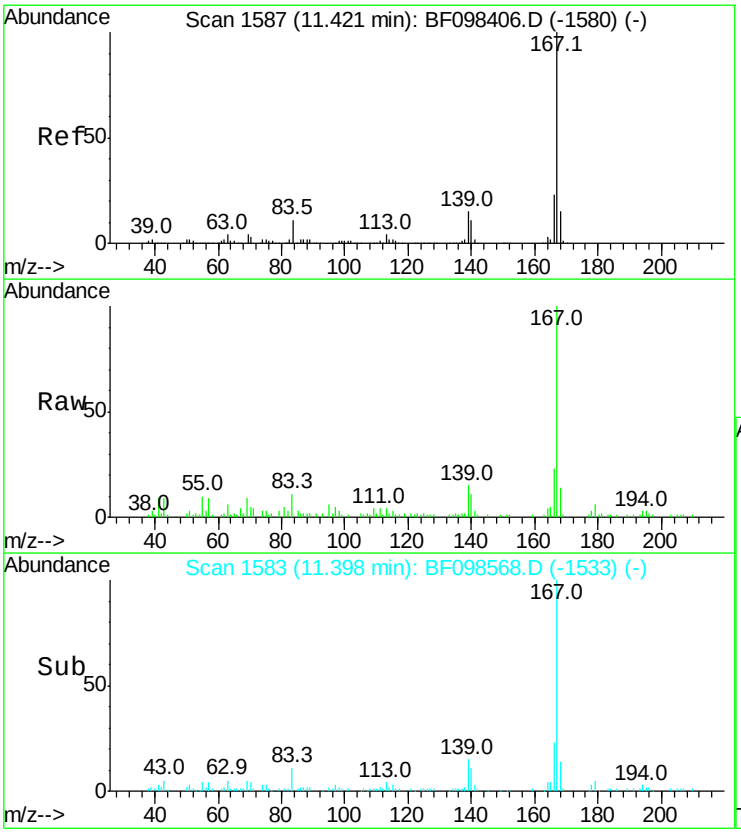
#71
Anthracene
Concen: 11.644 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF098568.D
Acq: 15 Sep 2017 14:38

Instrument :
BNA_F
ClientSampleId :
RL-6-0-11

Tgt Ion:178 Resp: 209959

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.7	12.7	19.1

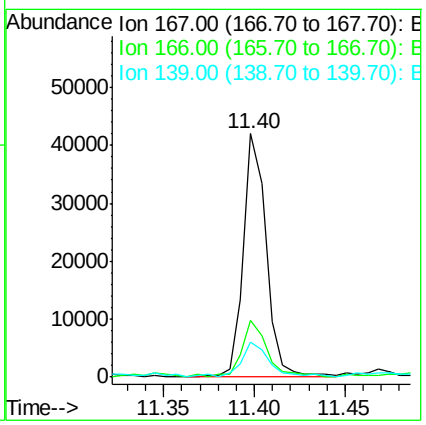


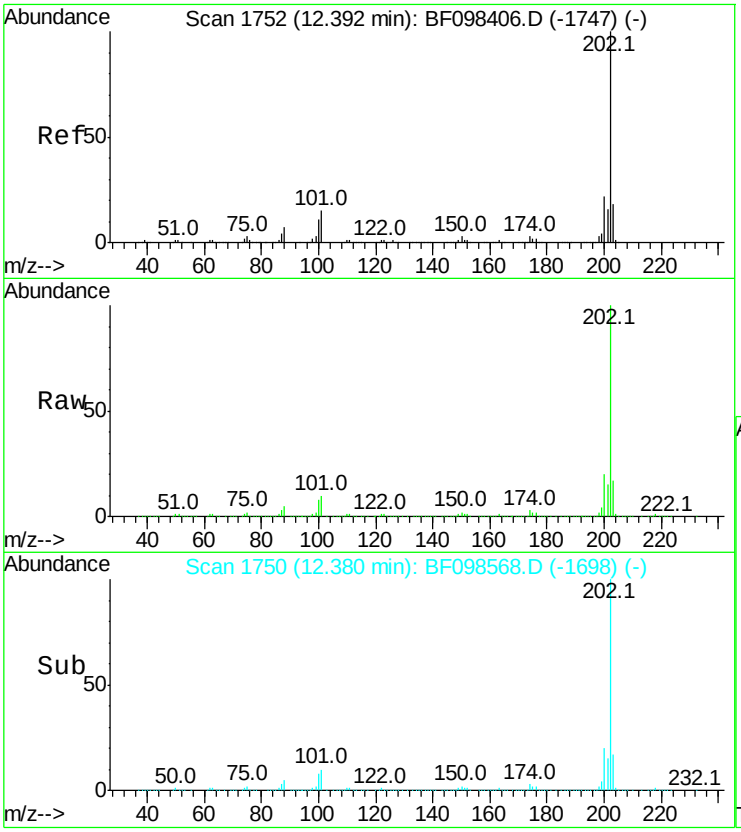


#72
Carbazole
Concen: 2.217 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF098568.D
Acq: 15 Sep 2017 14:38

Tgt Ion:167 Resp: 37247

Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.1	27.1
139	14.6	11.7	17.5



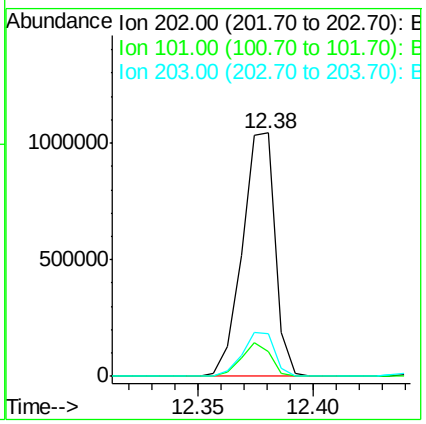


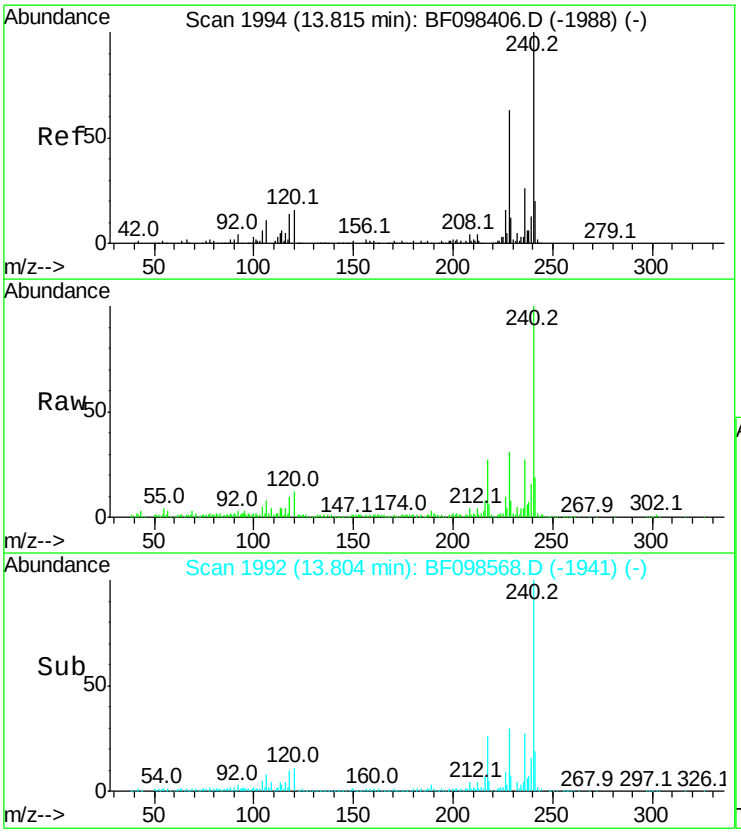
#74
Fluoranthene
Concen: 58.976 ng
RT: 12.38 min Scan# 1750
Delta R.T. 0.01 min
Lab File: BF098568.D
Acq: 15 Sep 2017 14:38

Instrument :
BNA_F
ClientSampleId :
RL-6-0-11

Tgt Ion:202 Resp: 1036857

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	33.2
203	17.4	0.0	38.1

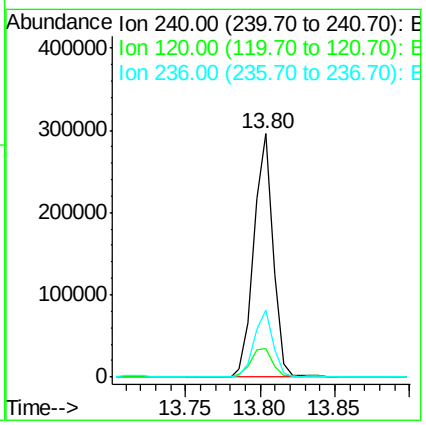


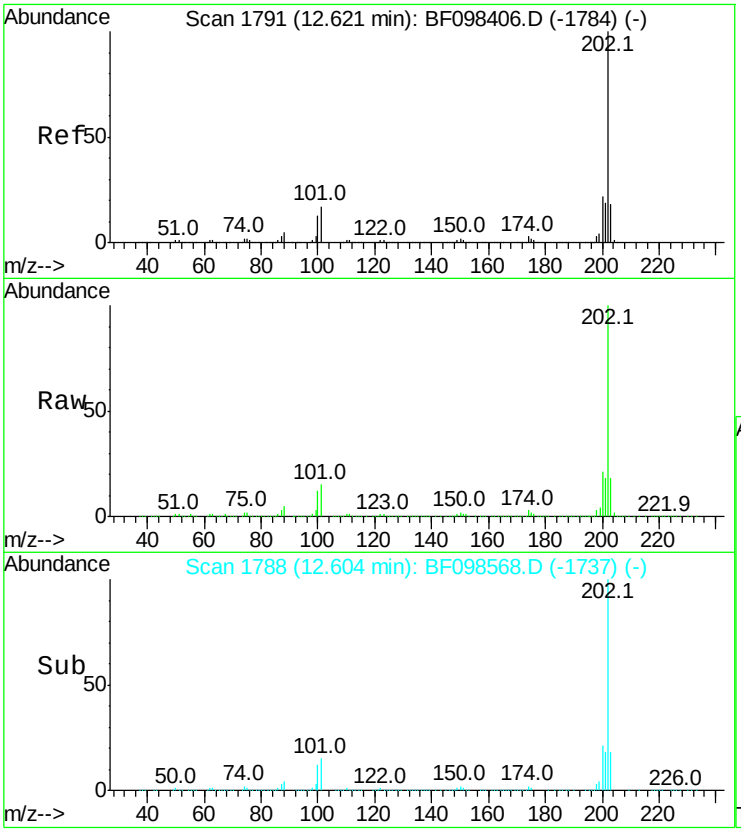


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BF098568.D
Acq: 15 Sep 2017 14:38

Tgt Ion:240 Resp: 261037

Ion	Ratio	Lower	Upper
240	100		
120	11.7	5.8	8.8#
236	27.3	20.5	30.7



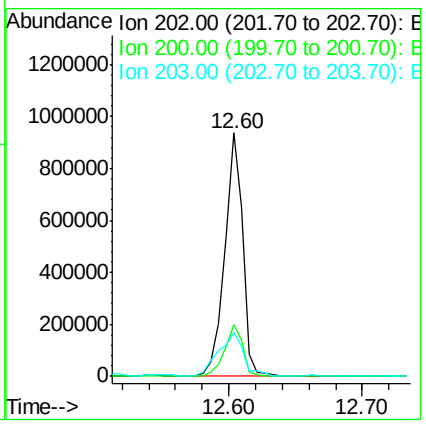


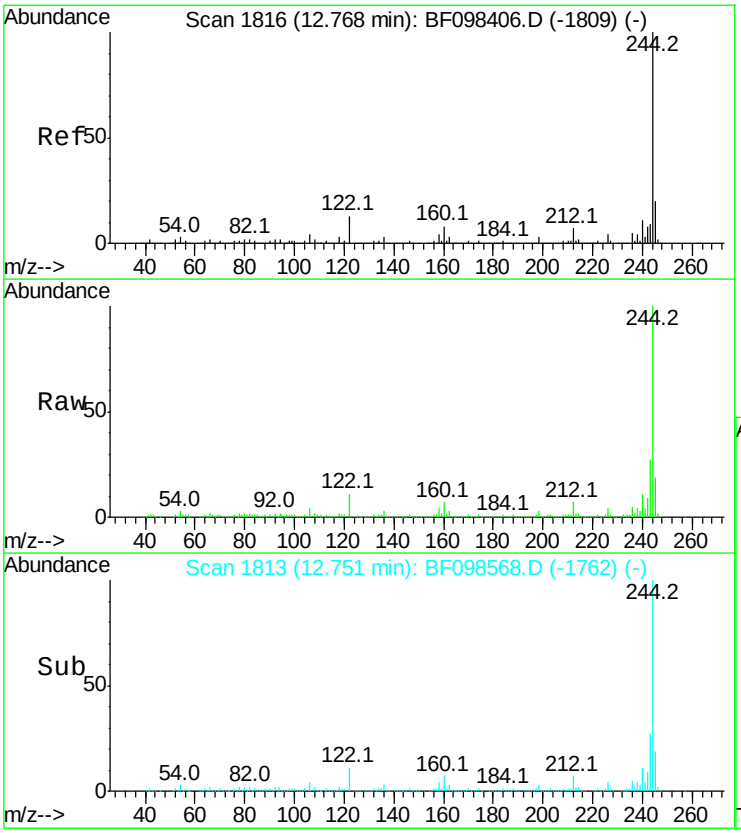
#77
Pyrene
Concen: 43.163 ng
RT: 12.60 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BF098568.D
Acq: 15 Sep 2017 14:38

Instrument :
BNA_F
ClientSampleId :
RL-6-0-11

Tgt Ion:202 Resp: 888822

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	18.1	14.4	21.6

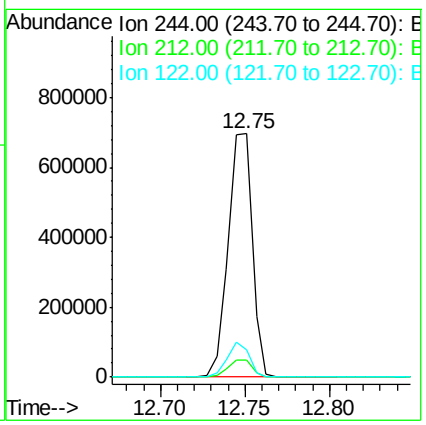


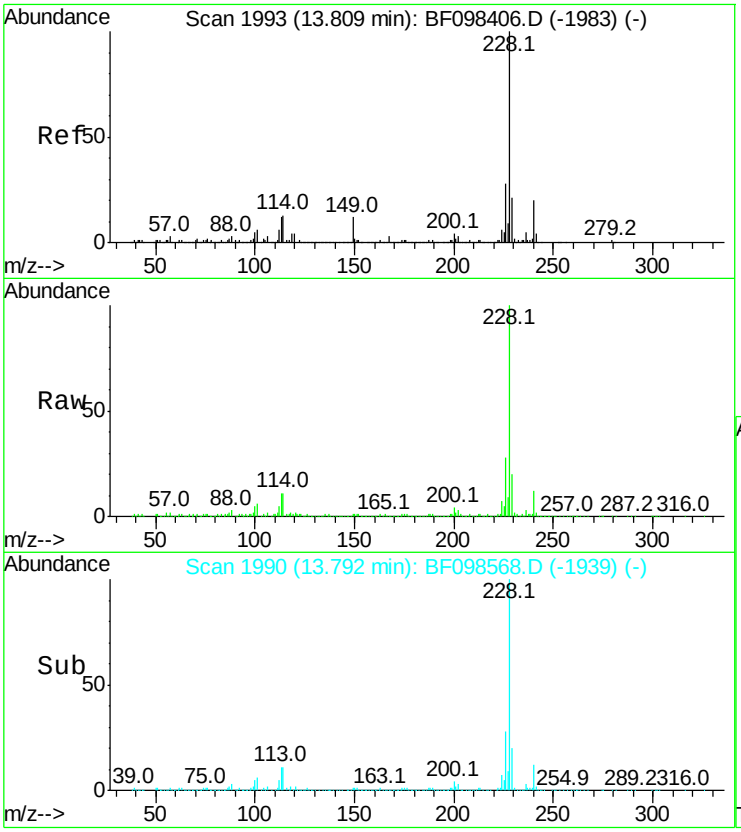


#78
Terphenyl-d14
Concen: 57.012 ng
RT: 12.75 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BF098568.D
Acq: 15 Sep 2017 14:38

Tgt Ion:244 Resp: 689486

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	11.3	10.3	15.5



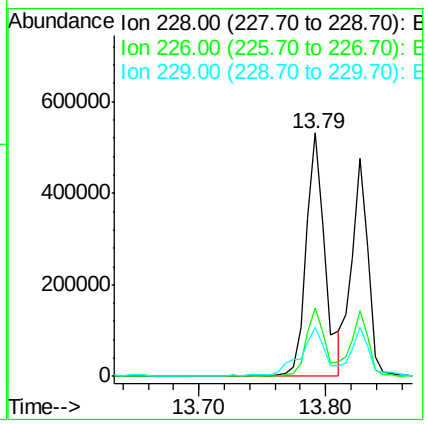


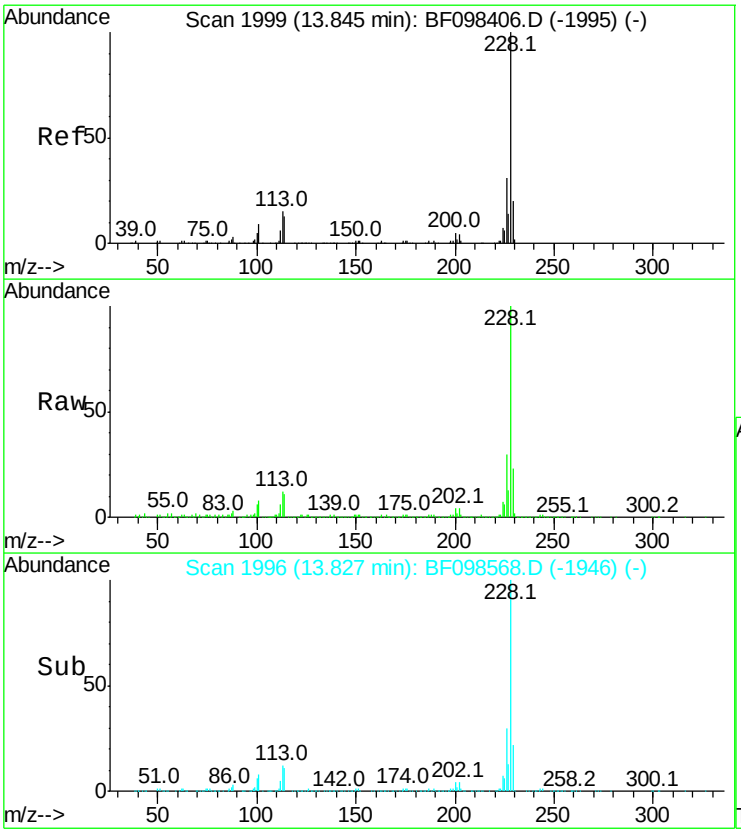
#80
Benzo(a)anthracene
Concen: 35.592 ng
RT: 13.79 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BF098568.D
Acq: 15 Sep 2017 14:38

Instrument :
BNA_F
ClientSampleId :
RL-6-0-11

Tgt Ion:228 Resp: 544709

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	20.1	16.3	24.5

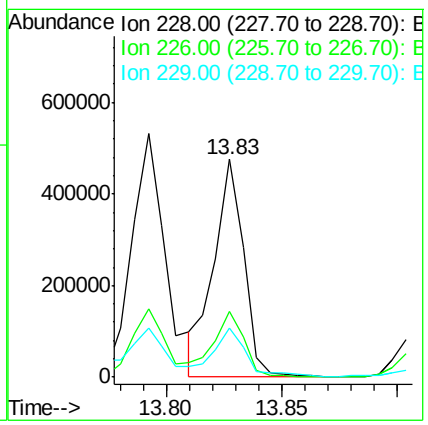


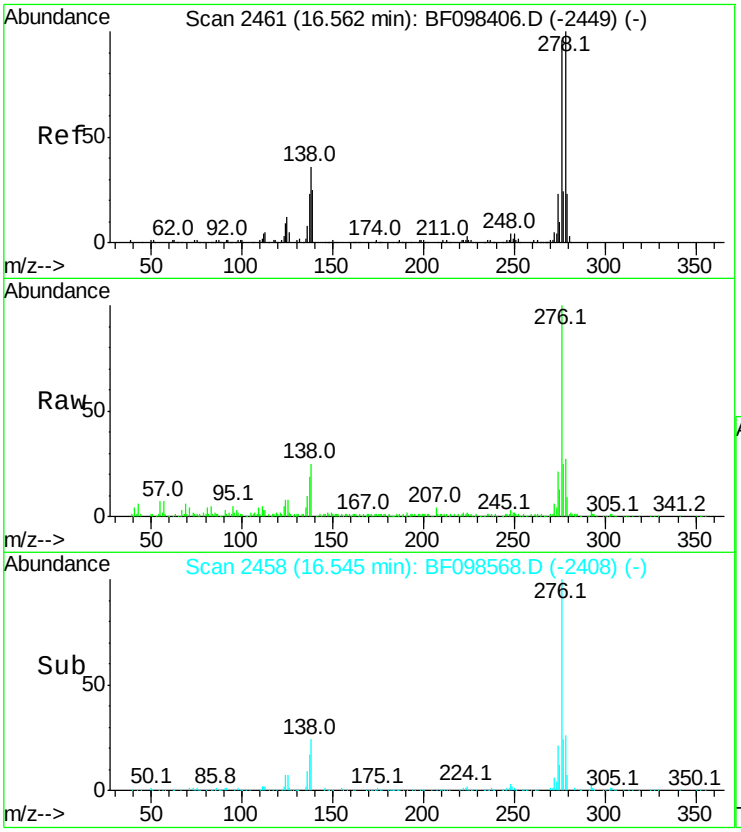


#82
Chrysene
Concen: 27.483 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF098568.D
Acq: 15 Sep 2017 14:38

Tgt Ion:228 Resp: 425156

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	22.6	15.8	23.6



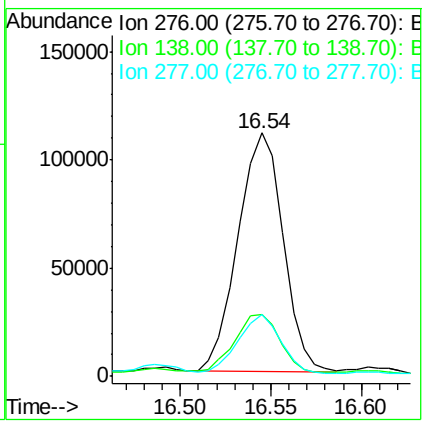


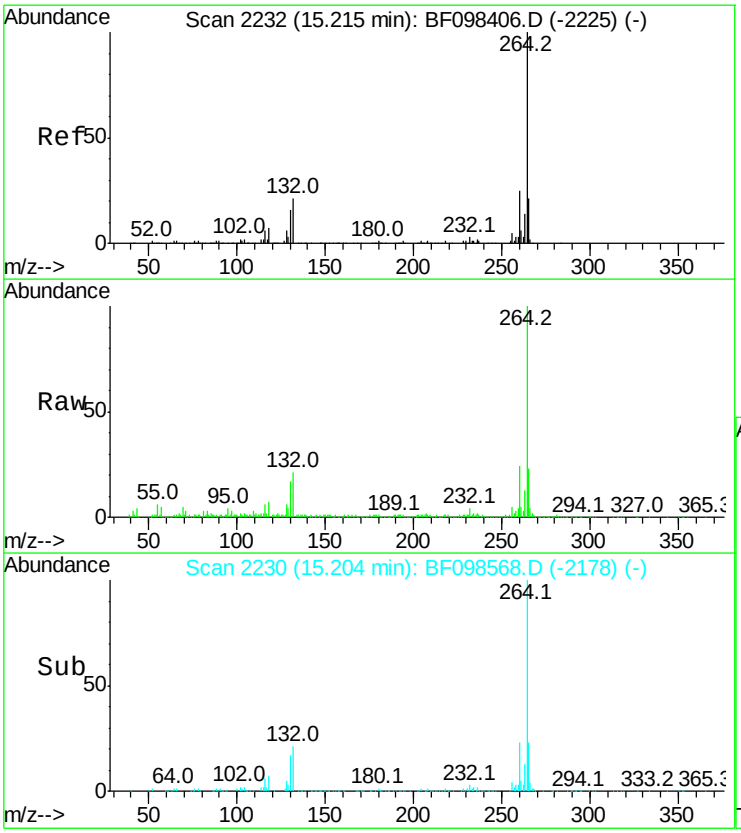
#85
Indeno(1,2,3-cd)pyrene
Concen: 17.566 ng
RT: 16.54 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BF098568.D
Acq: 15 Sep 2017 14:38

Instrument :
BNA_F
ClientSampleId :
RL-6-0-11

Tgt Ion:276 Resp: 190652

Ion	Ratio	Lower	Upper
276	100		
138	26.6	27.8	41.6#
277	23.4	20.2	30.4

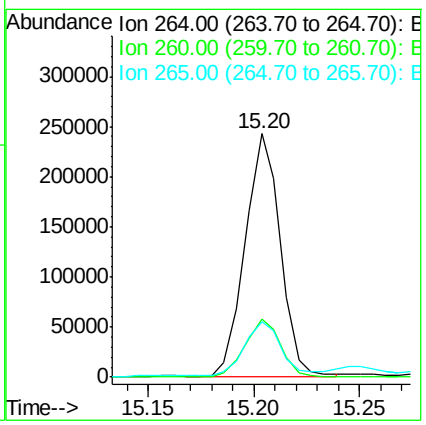


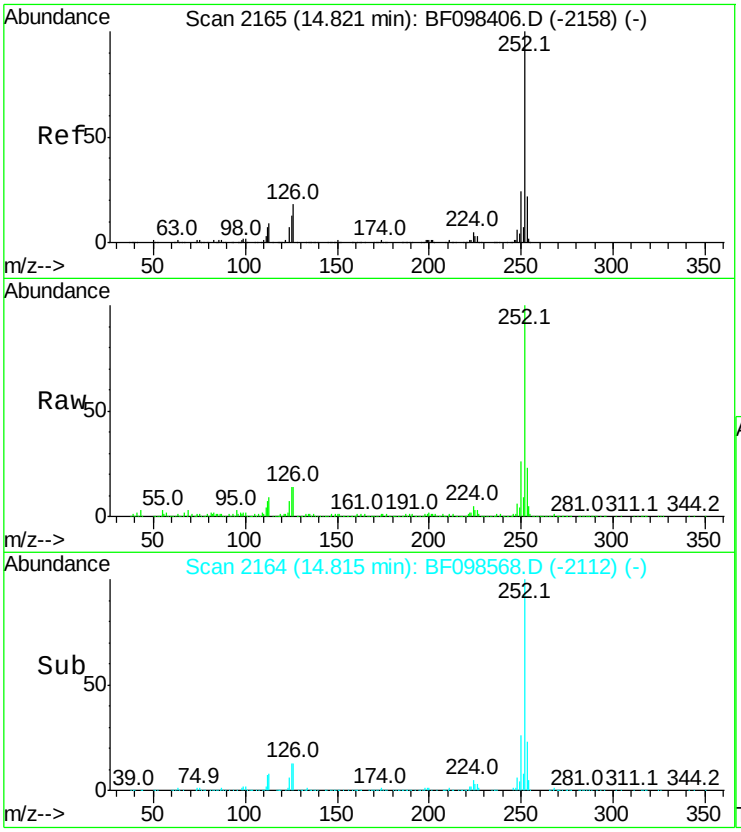


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.01 min
Lab File: BF098568.D
Acq: 15 Sep 2017 14:38

Tgt Ion:264 Resp: 279804

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	22.9	17.2	25.8



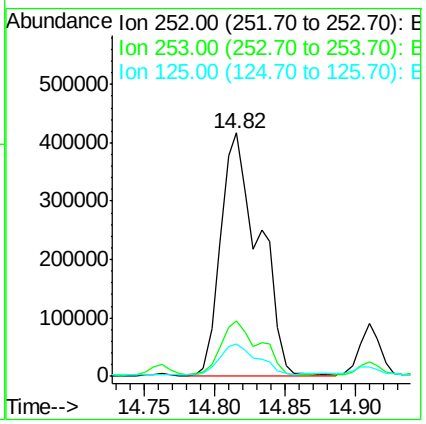


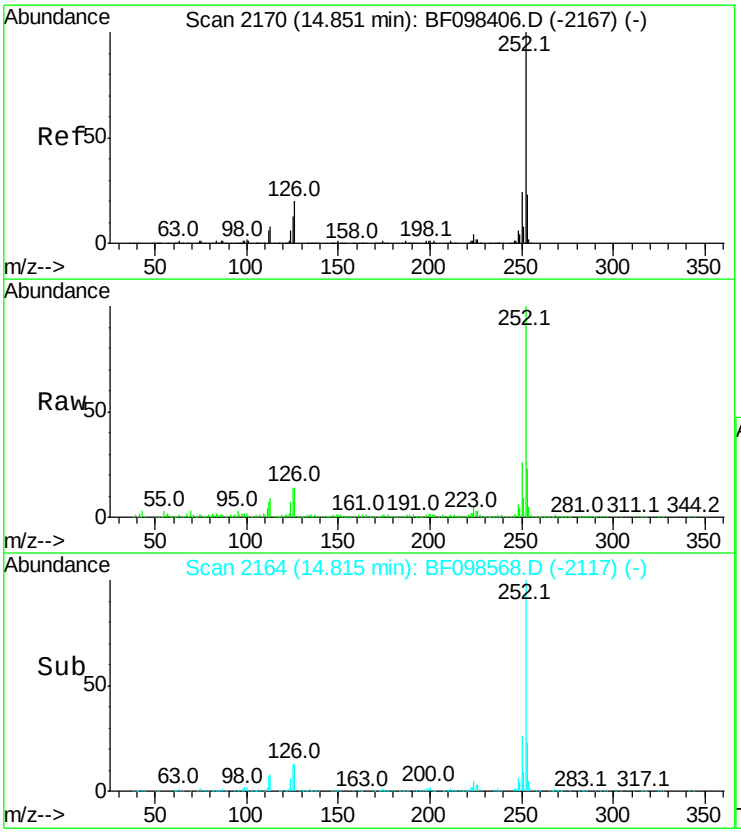
#87
Benzo(b)fluoranthene
Concen: 44.868 ng
RT: 14.82 min Scan# 2164
Delta R.T. 0.01 min
Lab File: BF098568.D
Acq: 15 Sep 2017 14:38

Instrument :
BNA_F
ClientSampleId :
RL-6-0-11

Tgt Ion:252 Resp: 789383

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	13.5	9.8	14.8

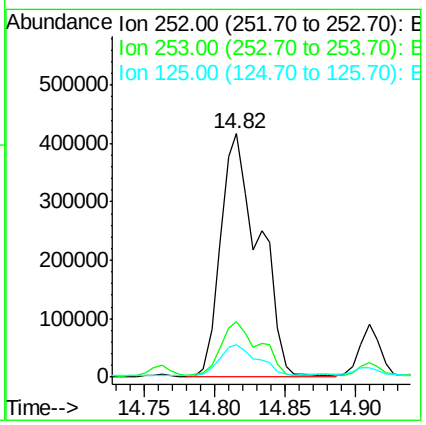


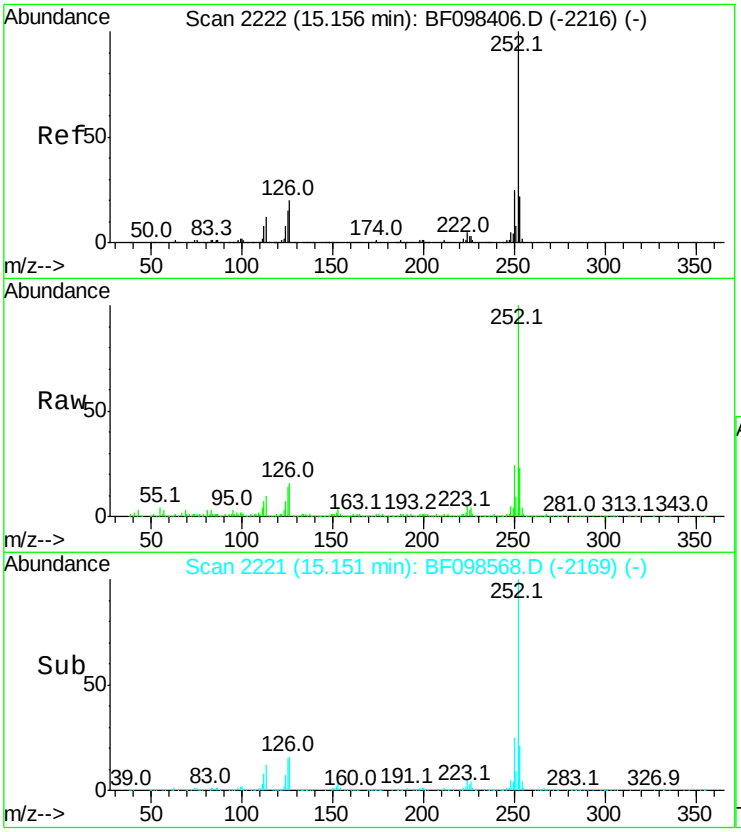


#88
Benzo(k)fluoranthene
Concen: 48.062 ng
RT: 14.82 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BF098568.D
Acq: 15 Sep 2017 14:38

Tgt Ion:252 Resp: 789383

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	13.5	13.1	19.7



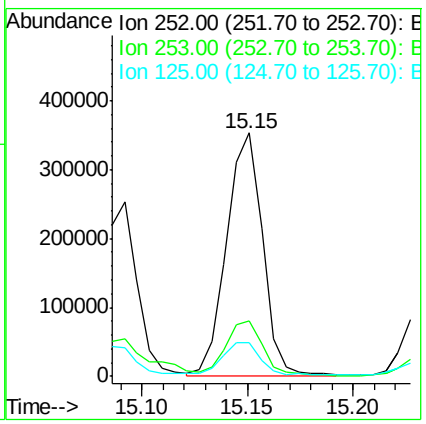


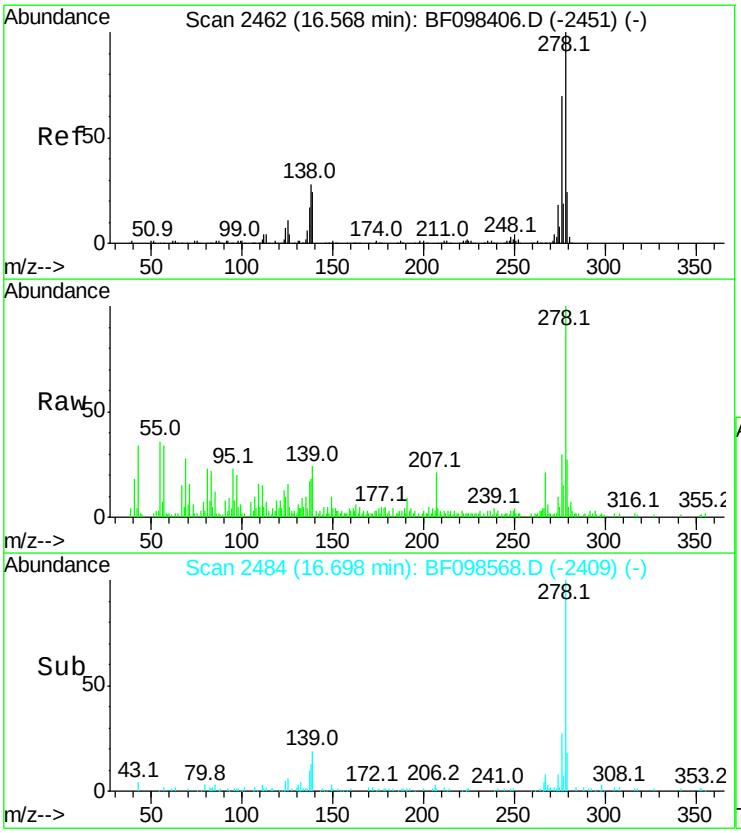
#89
Benzo(a)pyrene
Concen: 26.368 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.01 min
Lab File: BF098568.D
Acq: 15 Sep 2017 14:38

Instrument :
BNA_F
ClientSampleId :
RL-6-0-11

Tgt Ion:252 Resp: 413279

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	13.9	11.0	16.4

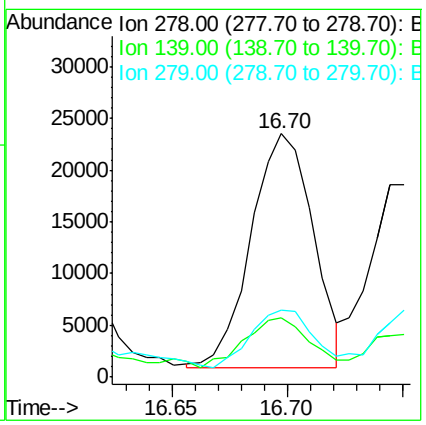


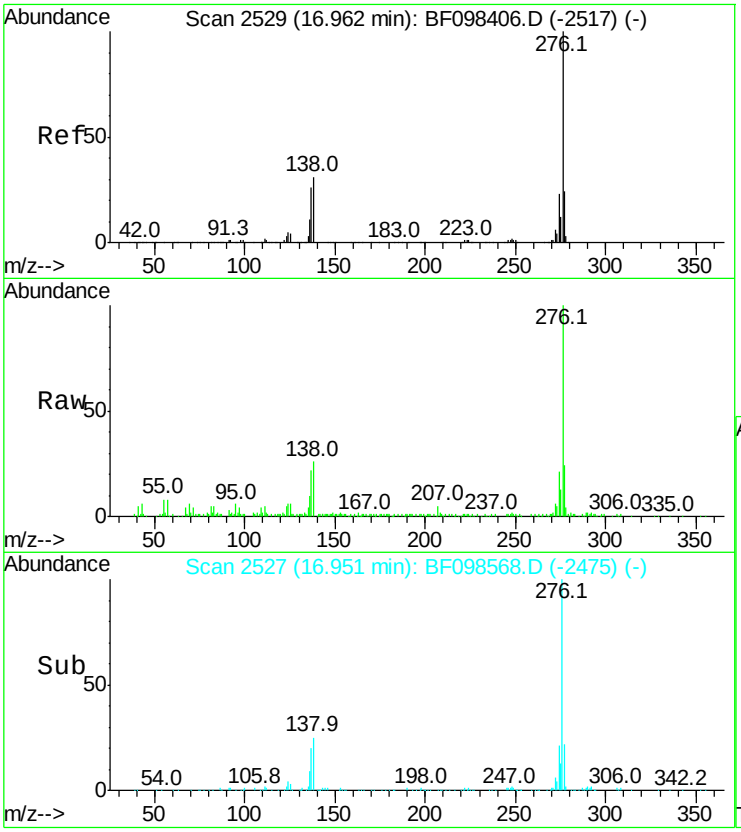


#90
Dibenzo(a,h)anthracene
Concen: 3.705 ng
RT: 16.70 min Scan# 2484
Delta R.T. 0.14 min
Lab File: BF098568.D
Acq: 15 Sep 2017 14:38

Tgt Ion:278 Resp: 42244

Ion	Ratio	Lower	Upper
278	100		
139	24.1	16.6	24.8
279	27.3	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 15.629 ng
RT: 16.95 min Scan# 2527
Delta R.T. 0.01 min
Lab File: BF098568.D
Acq: 15 Sep 2017 14:38

Instrument :
BNA_F
ClientSampleId :
RL-6-0-11

Tgt Ion:276 Resp: 179234

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	28.0
138	25.9	25.4	38.0