Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098520.D
Acq On : 14 Sep 2017 11:02
Operator : SJ/JU
Sample : I5208-04DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-091117-BDL

Quant Time: Sep 14 15:40:22 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 14 15:40:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	151329	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	621527	20.00	ng		0.00
38) Acenaphthene-d10	9.68	164	278415	20.00	ng		0.00
63) Phenanthrene-d10	11.16	188	509624	20.00	ng		0.00
75) Chrysene-d12	13.79	240	304712	20.00	ng		-0.01
86) Perylene-d12	15.19	264	323681	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	119645	11.69	ng		0.00
7) Phenol-d6	6.30	99	148969	11.46	ng		0.00
23) Nitrobenzene-d5	7.21	82	85028	7.63	ng		-0.01
41) 2,4,6-Tribromophenol	10.47	330	26424	14.22	ng		-0.01
44) 2-Fluorobiphenyl	9.00	172	160900	9.80	ng		-0.01
78) Terphenyl-d14	12.74	244	125597	8.90	ng		-0.01
Target Compounds							Qvalue
25) Isophorone	7.21	82	85026	3.769	ng	#	67
32) Benzoic acid	7.72	122	1496	8.160	ng	#	77
37) 2-Methylnaphthalene	8.65	142	55696	2.993	ng		98
48) Acenaphthylene	9.54	152	80154	3.029	ng	#	96
50) 2,6-Dinitrotoluene	9.68	165	37236	8.411	ng	#	34
57) Fluorene	10.23	166	71245	3.884	ng		98
70) Phenanthrene	11.19	178	558316	20.666	ng		98
71) Anthracene	11.24	178	145245	5.236	ng		97
74) Fluoranthene	12.37	202	686002	25.365	ng		98
77) Pyrene	12.60	202	662333	27.554	ng		99
80) Benzo(a)anthracene	13.79	228	267484	14.973	ng		96
82) Chrysene	13.82	228	256342	14.195	ng		98
85) Indeno(1,2,3-cd)pyrene	16.53	276	138548	10.936	ng		93
87) Benzo(b)fluoranthene	14.80	252	389446	19.135	ng		97
88) Benzo(k)fluoranthene	14.80	252	389446	20.497	ng		96
89) Benzo(a)pyrene	15.13	252	227158	12.528	ng		99
91) Benzo(g,h,i)perylene	16.93	276	139424	10.510	ng		96

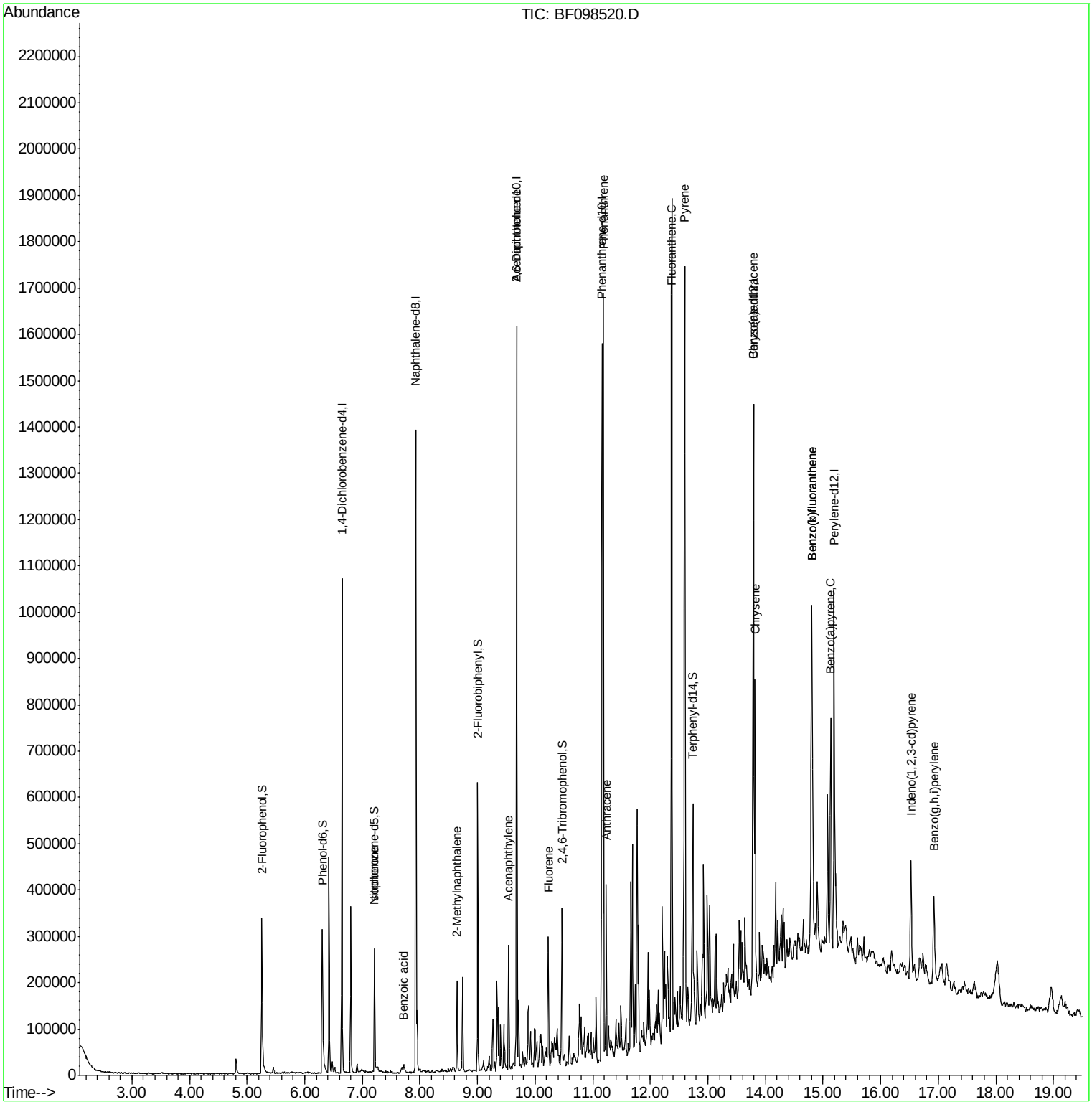
(#) = qualifier out of range (m) = manual integration (+) = signals summed

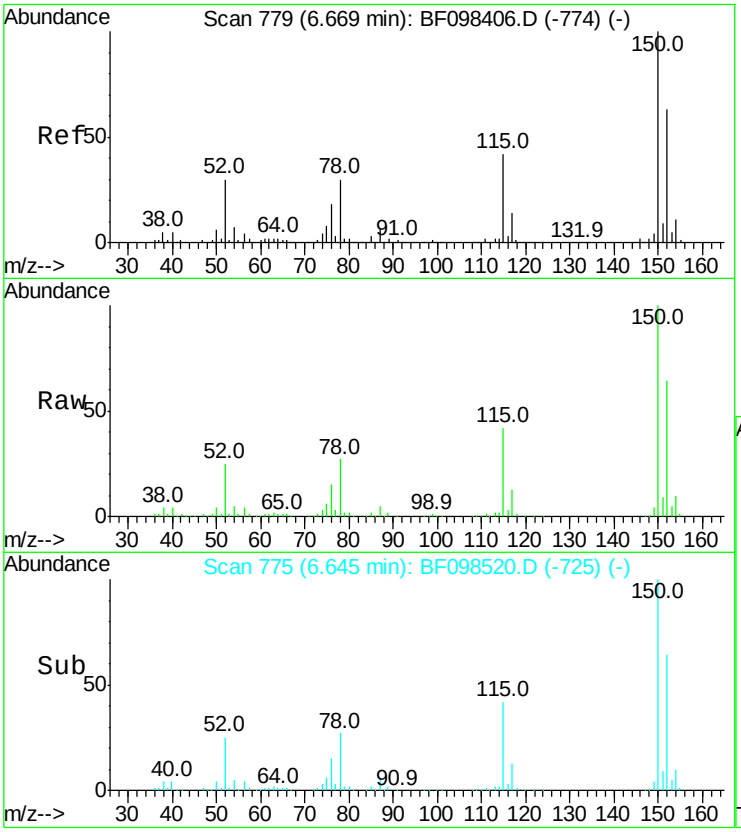
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098520.D
Acq On : 14 Sep 2017 11:02
Operator : SJ/JU
Sample : I5208-04DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-BDL

Quant Time: Sep 14 15:40:22 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 14 15:40:22 2017
Response via : Initial Calibration



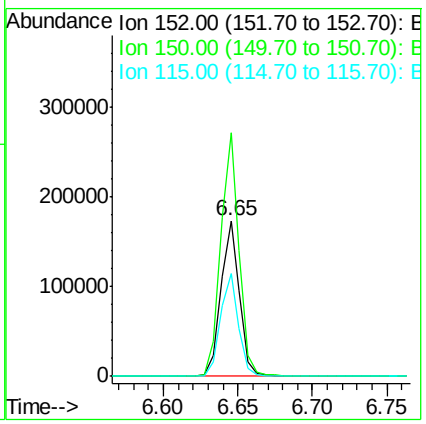


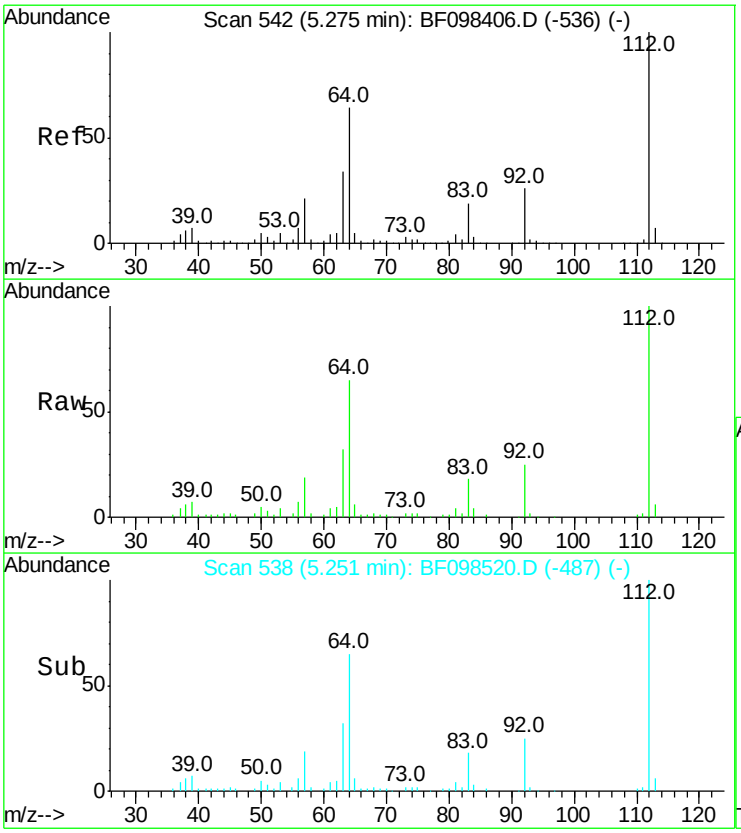
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF098520.D
Acq: 14 Sep 2017 11:02

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-BDL

Tgt Ion:152 Resp: 151329

Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.2	189.2
115	65.9	52.2	78.2

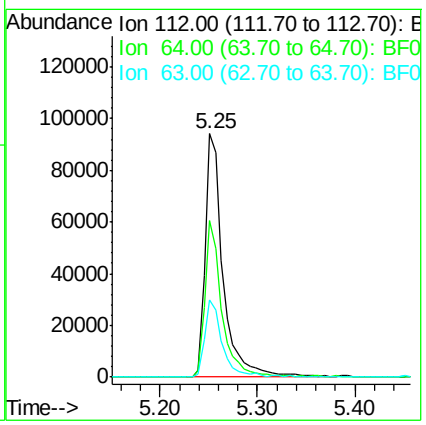


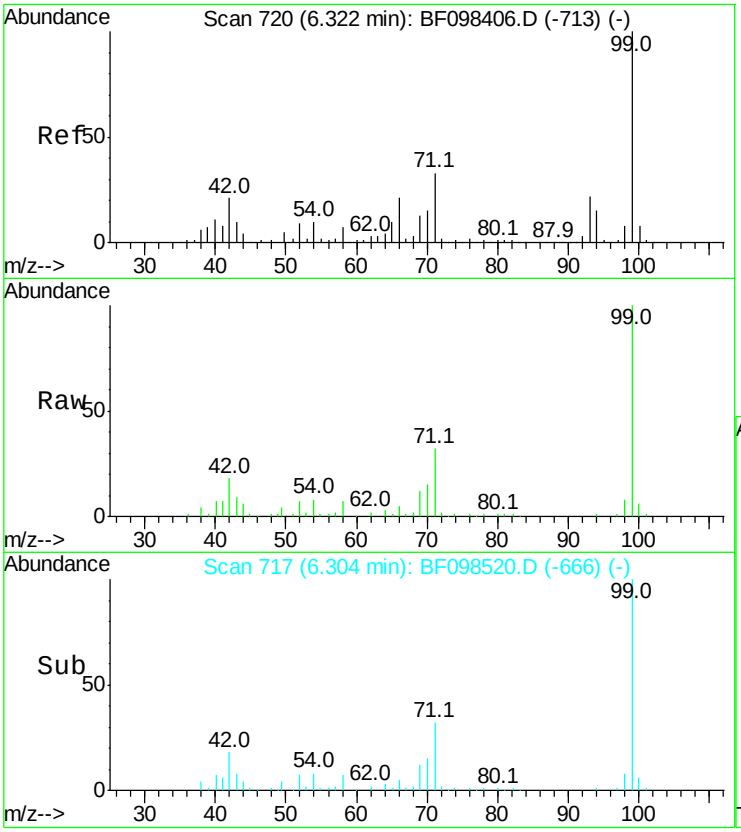


#5
2-Fluorophenol
Concen: 11.690 ng
RT: 5.25 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF098520.D
Acq: 14 Sep 2017 11:02

Tgt Ion:112 Resp: 119645

Ion	Ratio	Lower	Upper
112	100		
64	64.6	46.0	69.0
63	31.5	23.4	35.0



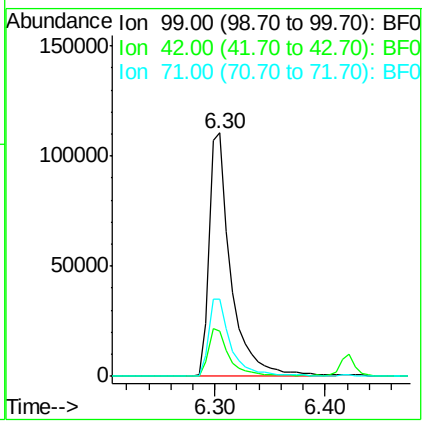


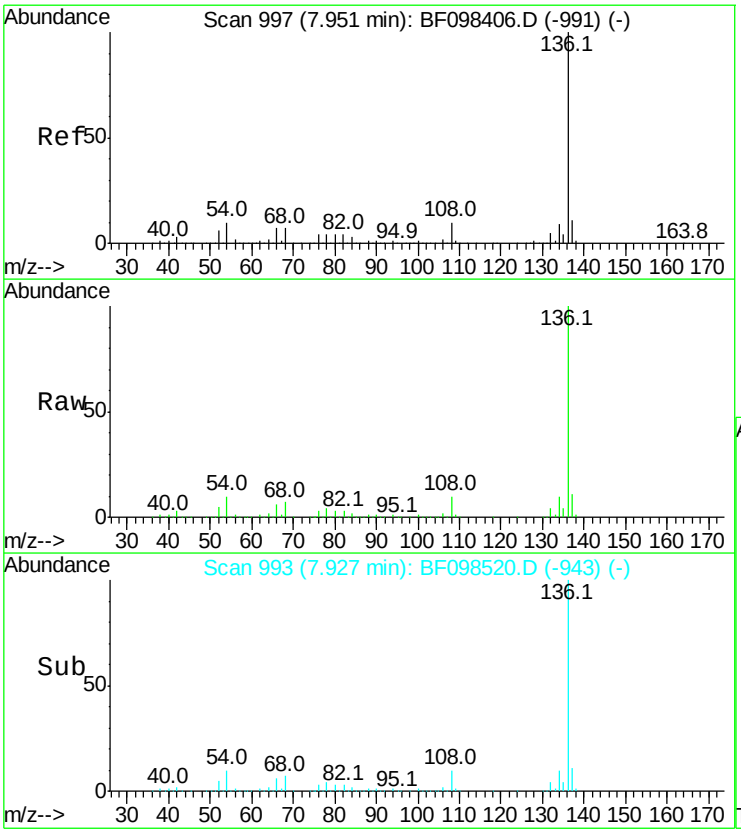
#7
Phenol-d6
Concen: 11.463 ng
RT: 6.30 min Scan# 717
Delta R.T. -0.00 min
Lab File: BF098520.D
Acq: 14 Sep 2017 11:02

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-BDL

Tgt Ion: 99 Resp: 148969

Ion	Ratio	Lower	Upper
99	100		
42	18.4	13.5	20.3
71	31.8	24.5	36.7

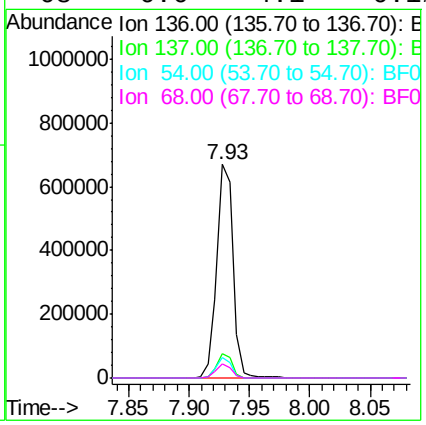


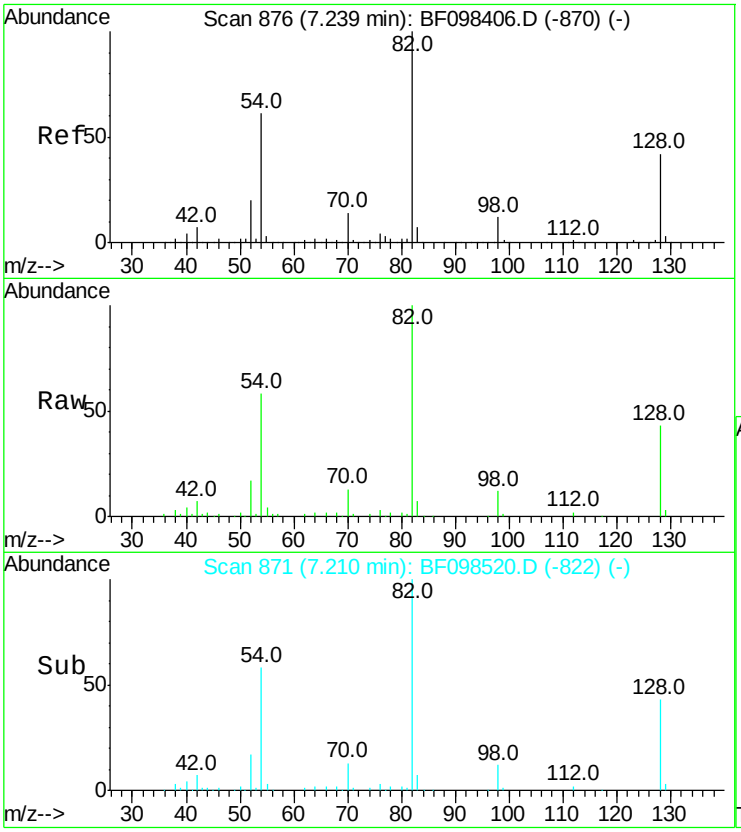


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF098520.D
Acq: 14 Sep 2017 11:02

Tgt Ion:136 Resp: 621527

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	9.8	4.9	7.3#
68	6.6	4.1	6.1#



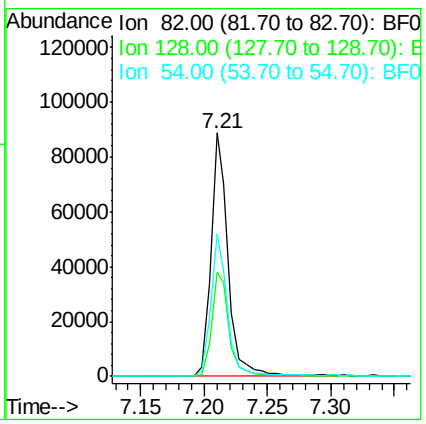


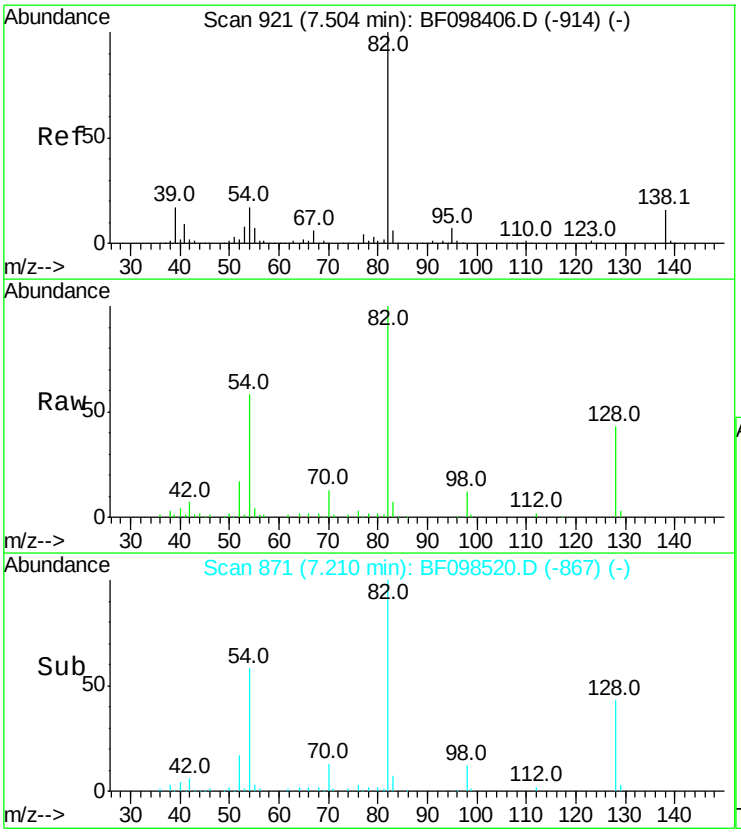
#23
Nitrobenzene-d5
Concen: 7.627 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF098520.D
Acq: 14 Sep 2017 11:02

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-BDL

Tgt Ion: 82 Resp: 85028

Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.0	51.0
54	58.4	42.2	63.2

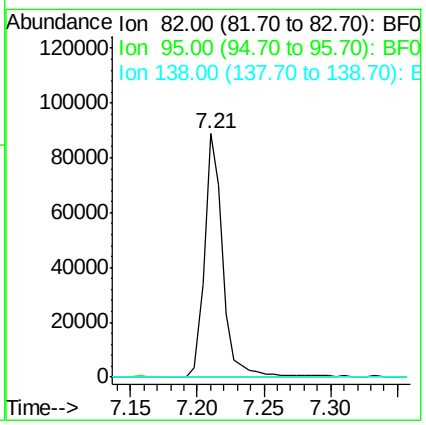


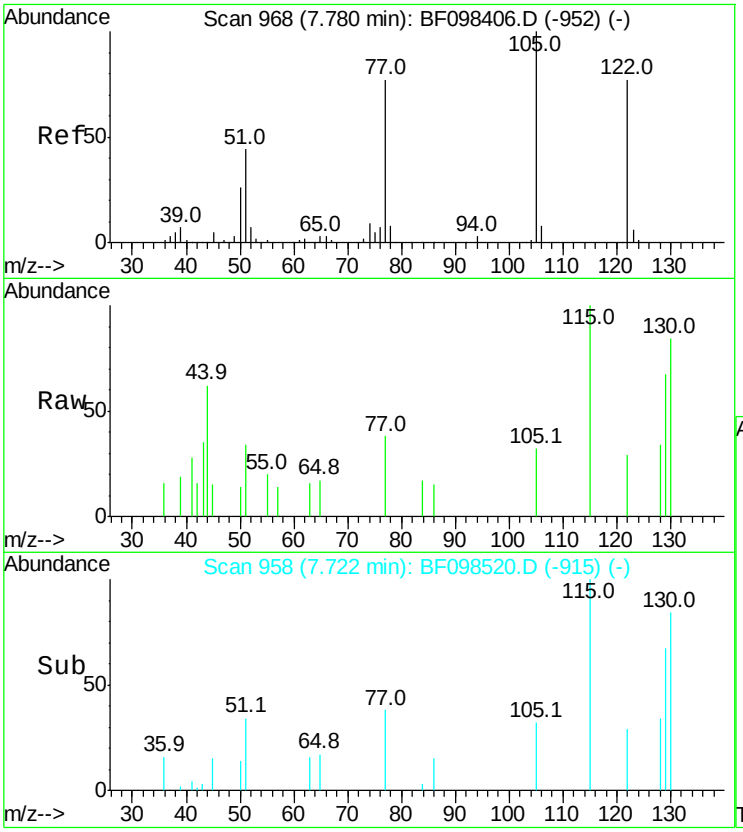


#25
Isophorone
Concen: 3.769 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.28 min
Lab File: BF098520.D
Acq: 14 Sep 2017 11:02

Tgt Ion: 82 Resp: 85026

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



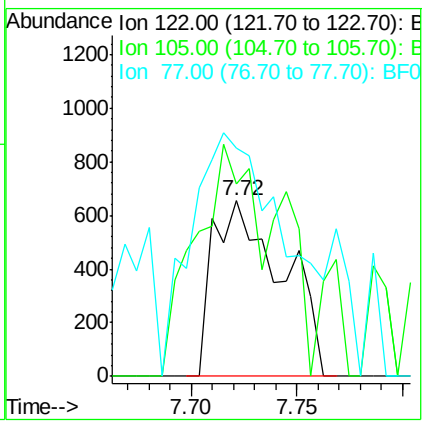


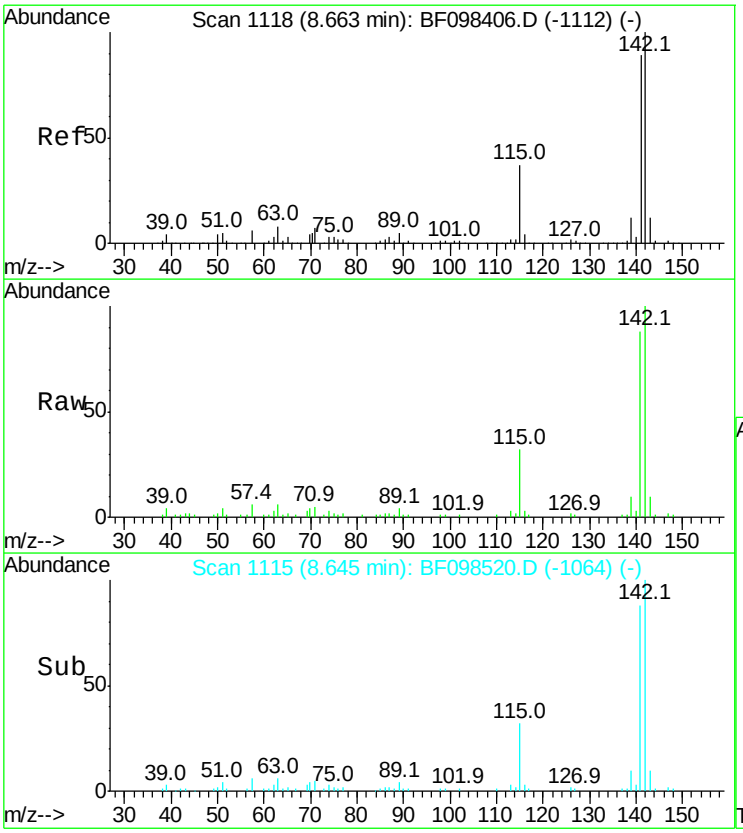
#32
Benzoic acid
Concen: 8.160 ng
RT: 7.72 min Scan# 958
Delta R.T. -0.05 min
Lab File: BF098520.D
Acq: 14 Sep 2017 11:02

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-BDL

Tgt Ion:122 Resp: 1496

Ion	Ratio	Lower	Upper
122	100		
105	109.8	103.3	143.3
77	130.3	73.7	113.7#

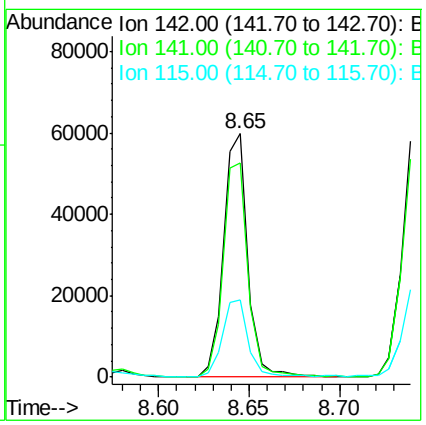


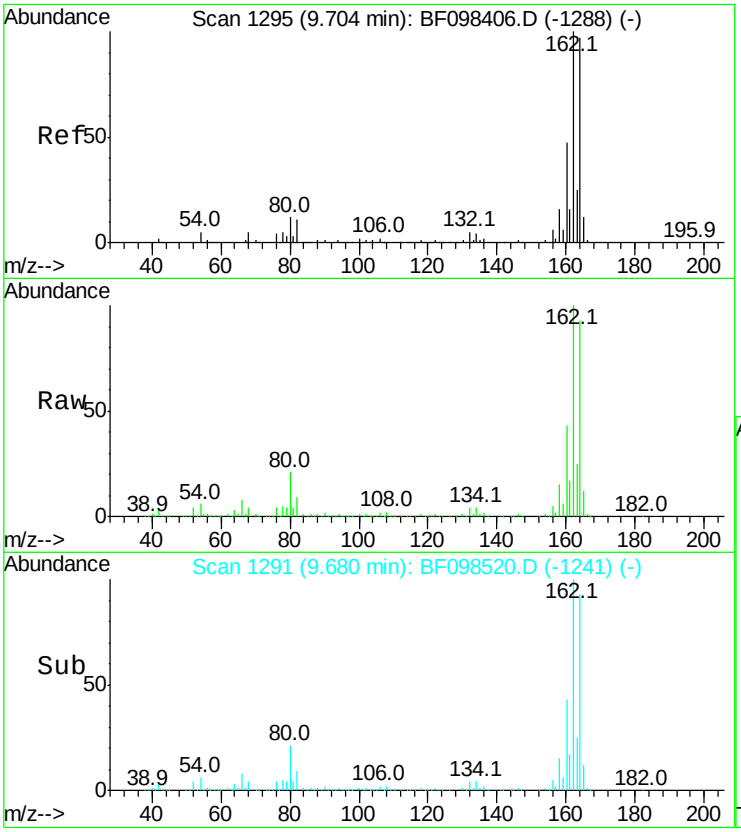


#37
2-Methylnaphthalene
Concen: 2.993 ng
RT: 8.65 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BF098520.D
Acq: 14 Sep 2017 11:02

Tgt Ion:142 Resp: 55696

Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.3	106.9
115	31.8	27.1	40.7



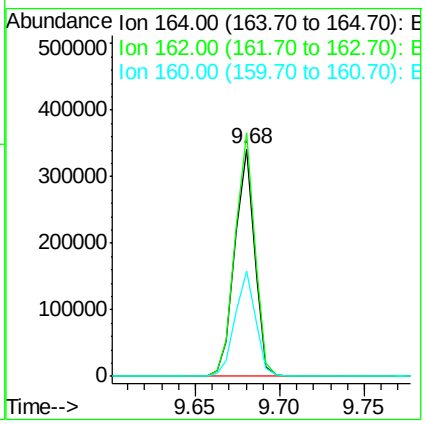


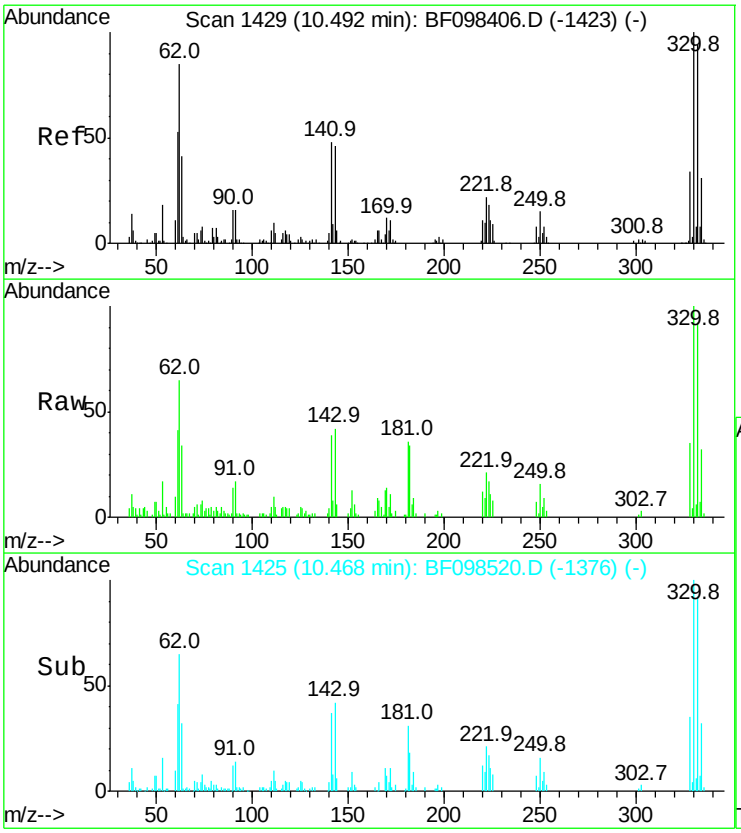
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF098520.D
Acq: 14 Sep 2017 11:02

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-BDL

Tgt Ion:164 Resp: 278415

Ion	Ratio	Lower	Upper
164	100		
162	107.3	82.6	123.8
160	46.2	36.2	54.2

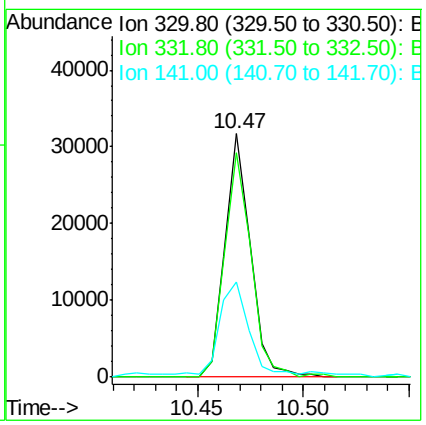


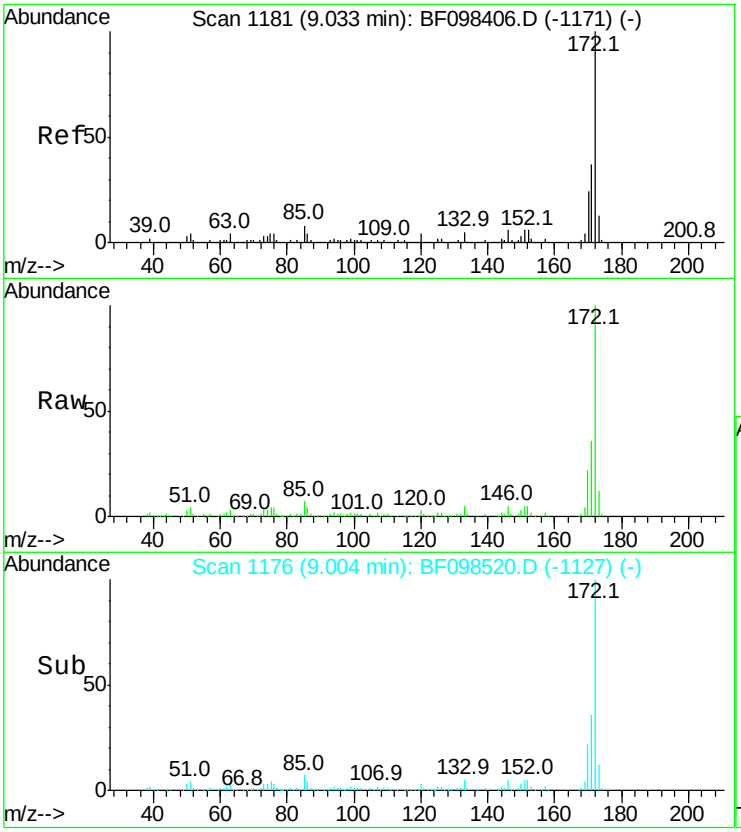


#41
2,4,6-Tribromophenol
Concen: 14.220 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF098520.D
Acq: 14 Sep 2017 11:02

Tgt Ion:330 Resp: 26424

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	49.6	31.4	47.2#



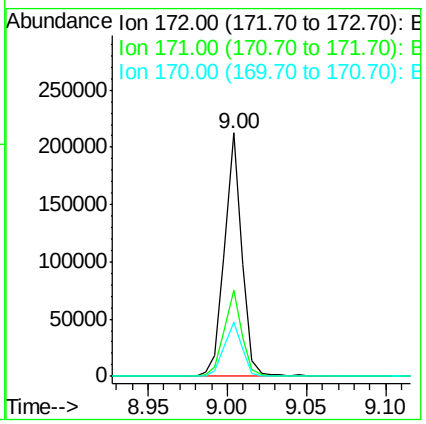


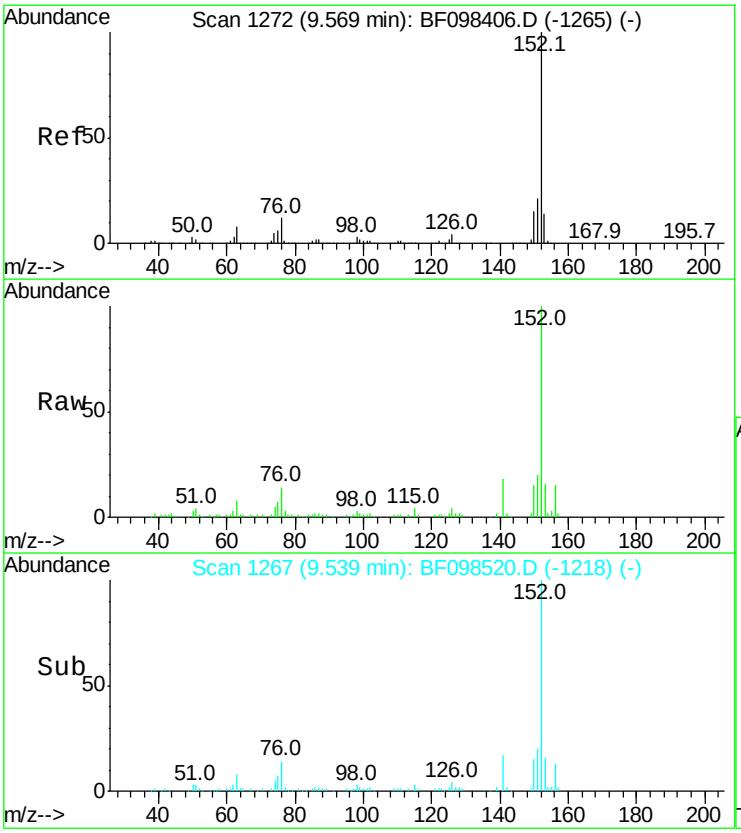
#44
2-Fluorobiphenyl
Concen: 9.795 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF098520.D
Acq: 14 Sep 2017 11:02

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-BDL

Tgt Ion:172 Resp: 160900

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	22.2	19.8	29.8

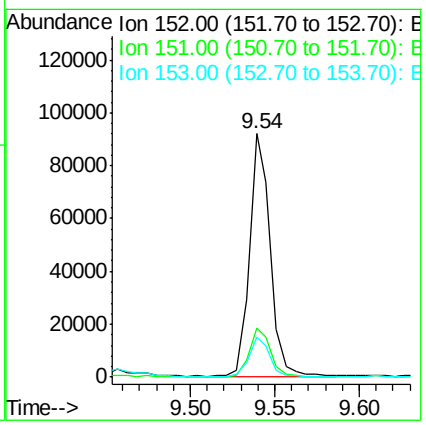


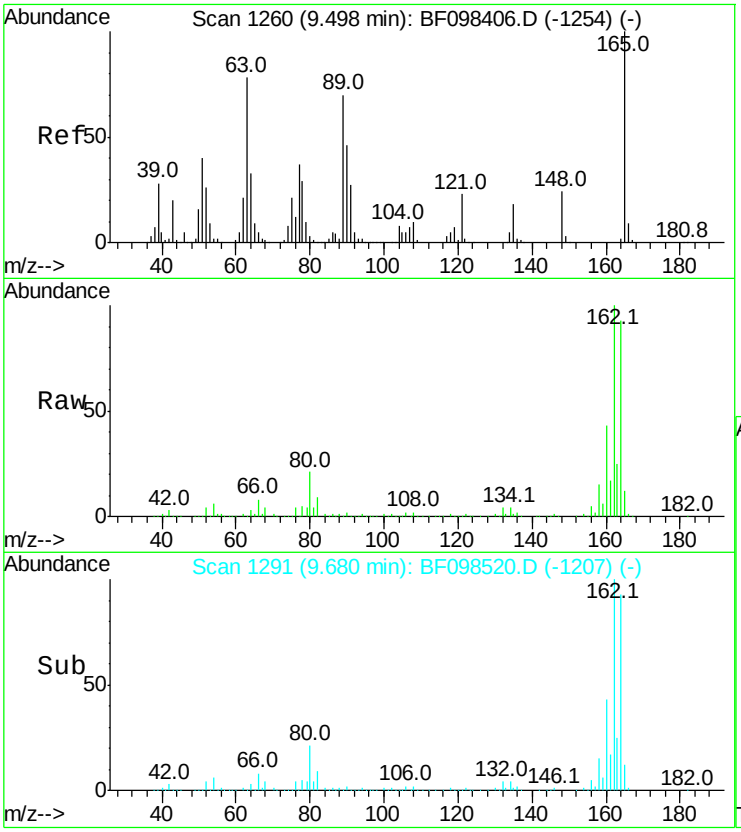


#48
Acenaphthylene
Concen: 3.029 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF098520.D
Acq: 14 Sep 2017 11:02

Tgt Ion:152 Resp: 80154

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.8	25.2
153	16.3	10.8	16.2#



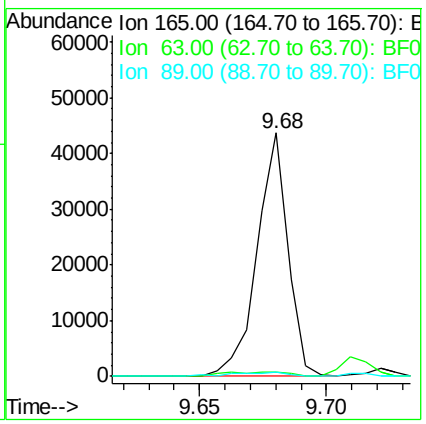


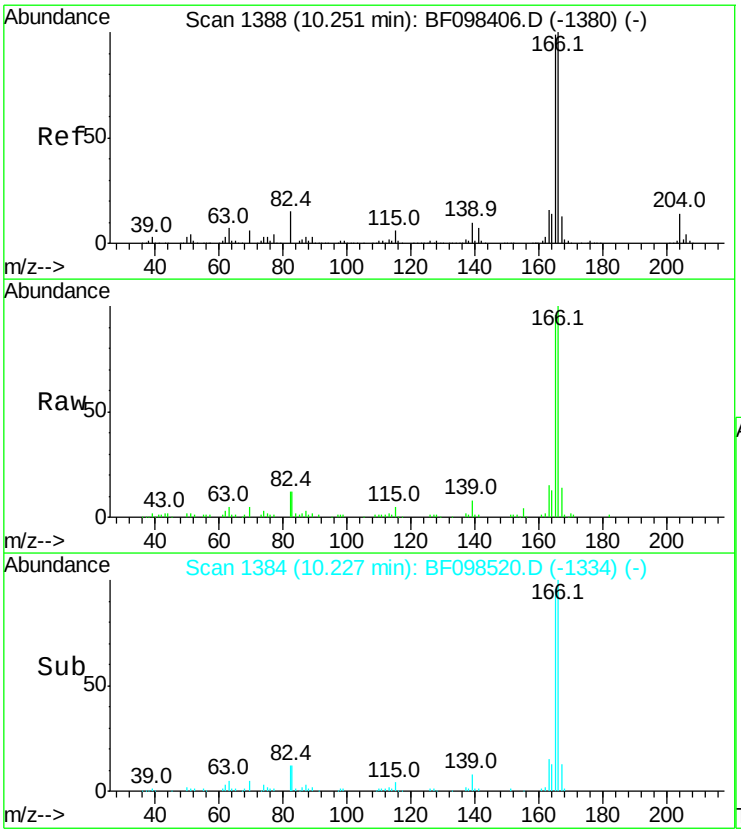
#50
2,6-Dinitrotoluene
Concen: 8.411 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.19 min
Lab File: BF098520.D
Acq: 14 Sep 2017 11:02

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-BDL

Tgt Ion:165 Resp: 37236

Ion	Ratio	Lower	Upper
165	100		
63	1.7	34.3	51.5#
89	1.7	37.1	55.7#

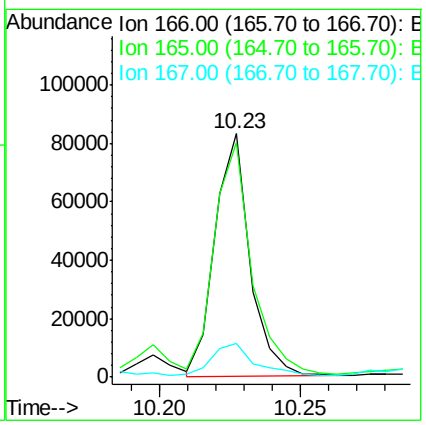


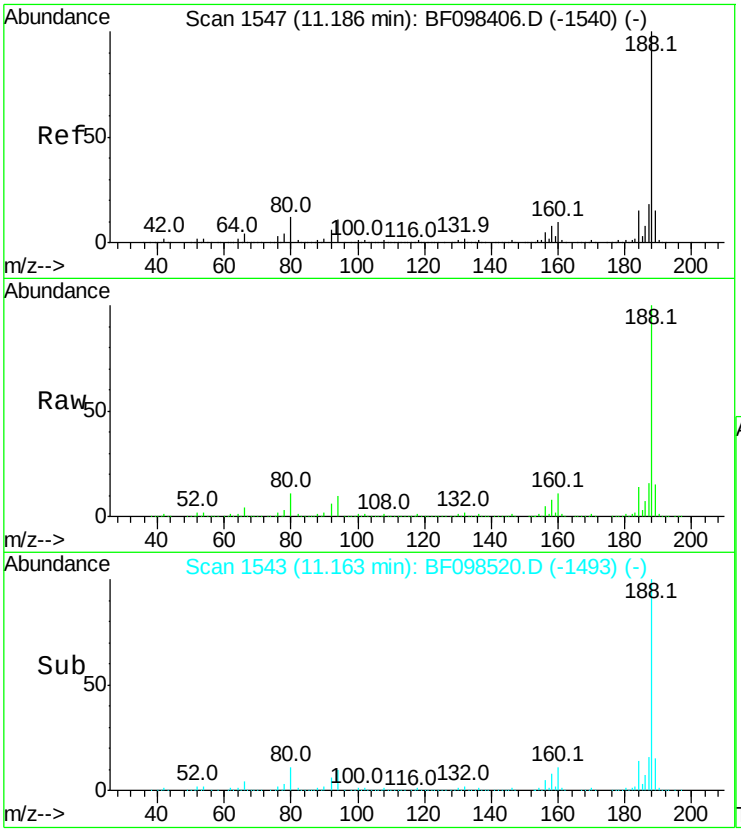


#57
Fluorene
Concen: 3.884 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF098520.D
Acq: 14 Sep 2017 11:02

Tgt Ion:166 Resp: 71245

Ion	Ratio	Lower	Upper
166	100		
165	96.4	78.8	118.2
167	13.7	10.6	16.0



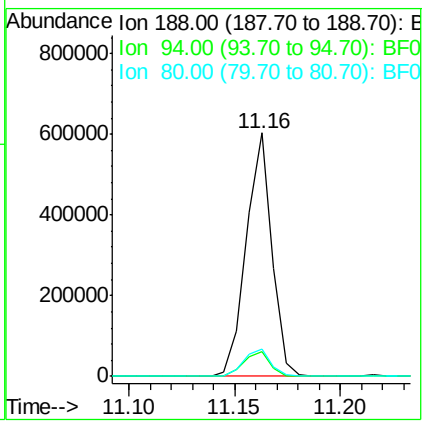


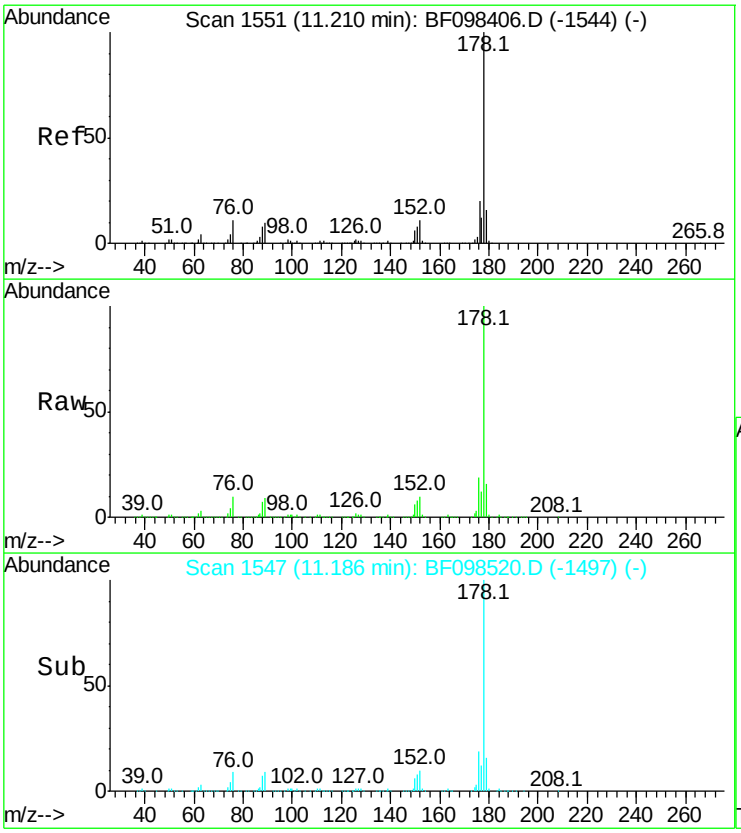
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF098520.D
Acq: 14 Sep 2017 11:02

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-BDL

Tgt Ion:188 Resp: 509624

Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.4	14.2
80	11.3	10.2	15.2

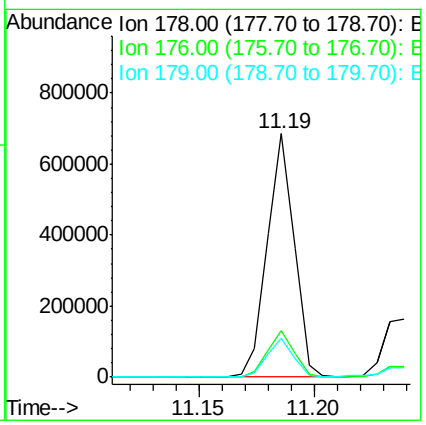


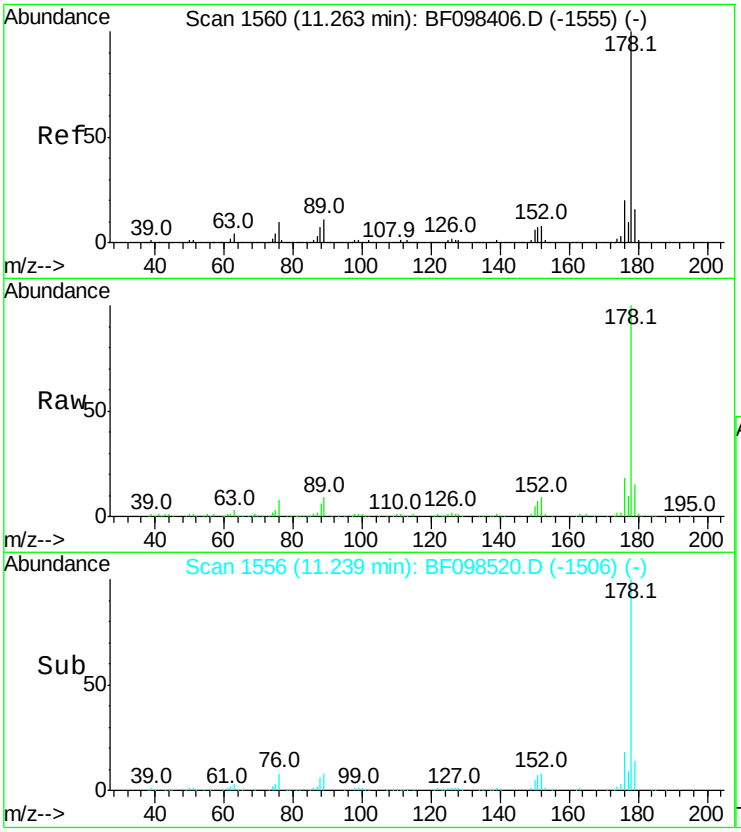


#70
Phenanthrene
Concen: 20.666 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BF098520.D
Acq: 14 Sep 2017 11:02

Tgt Ion:178 Resp: 558316

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.4
179	16.1	12.6	19.0



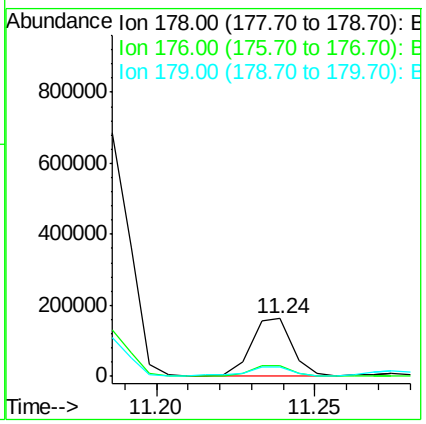


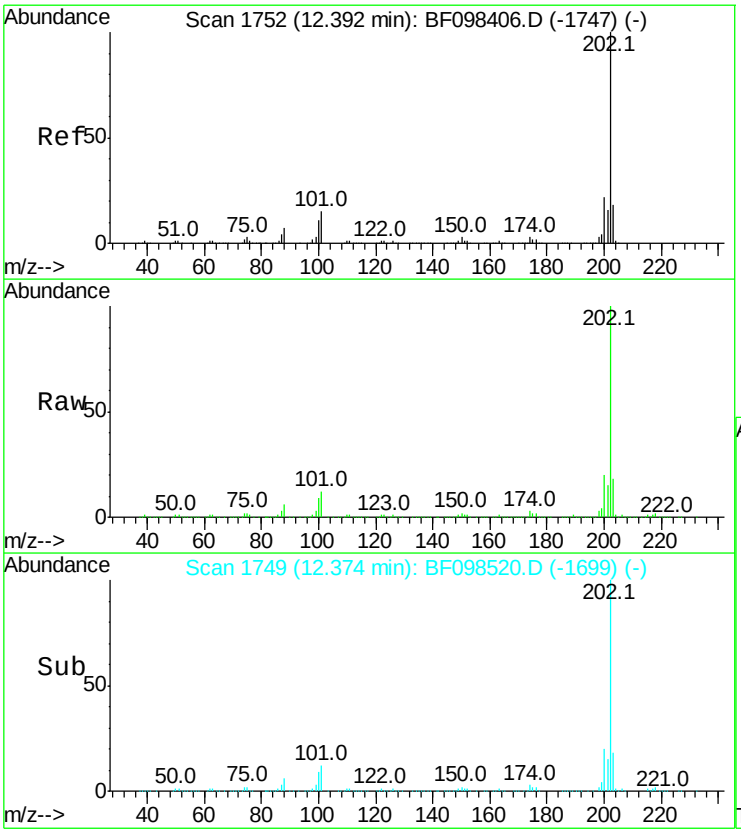
#71
Anthracene
Concen: 5.236 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF098520.D
Acq: 14 Sep 2017 11:02

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-BDL

Tgt Ion:178 Resp: 145245

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.8	23.8
179	15.2	12.7	19.1

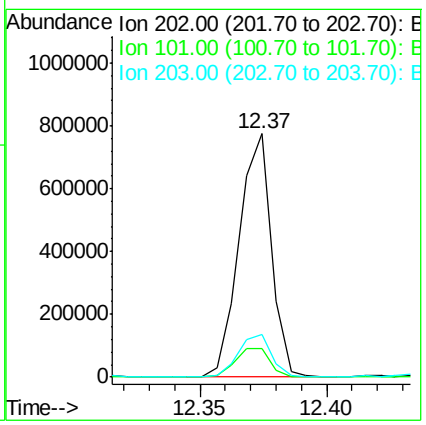


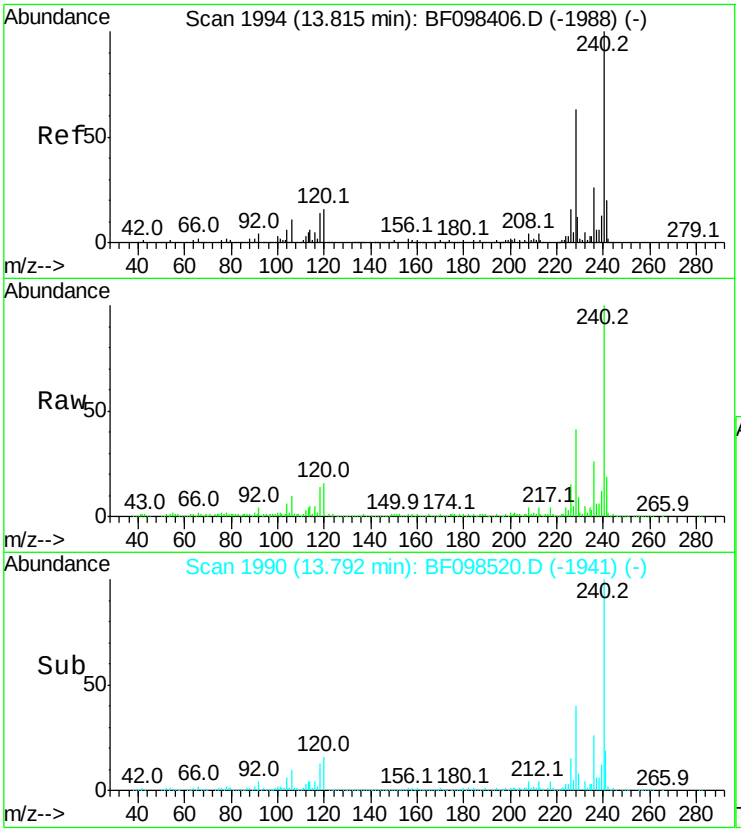


#74
Fluoranthene
Concen: 25.365 ng
RT: 12.37 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BF098520.D
Acq: 14 Sep 2017 11:02

Tgt Ion:202 Resp: 686002

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	33.2
203	17.6	0.0	38.1



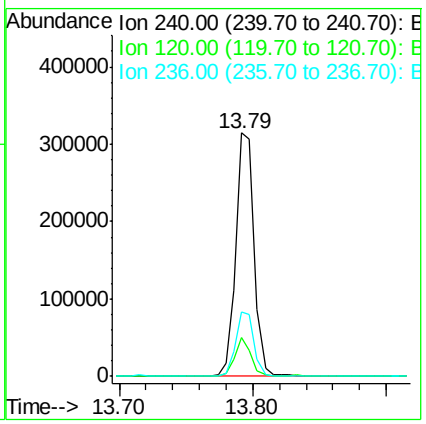


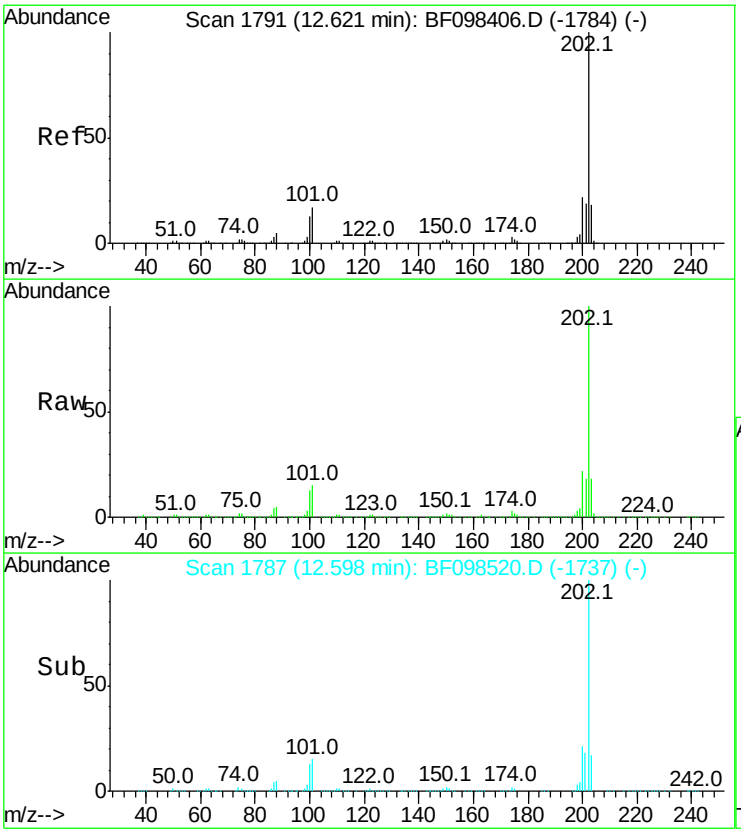
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BF098520.D
Acq: 14 Sep 2017 11:02

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-BDL

Tgt Ion:240 Resp: 304712

Ion	Ratio	Lower	Upper
240	100		
120	15.8	5.8	8.8#
236	26.3	20.5	30.7

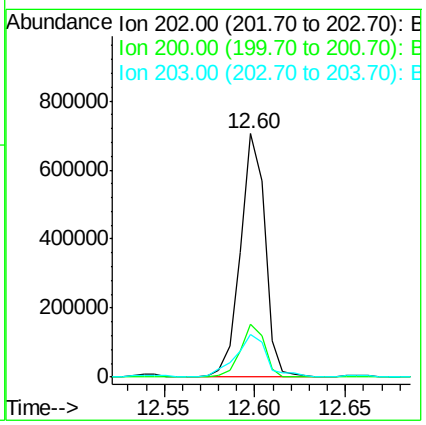


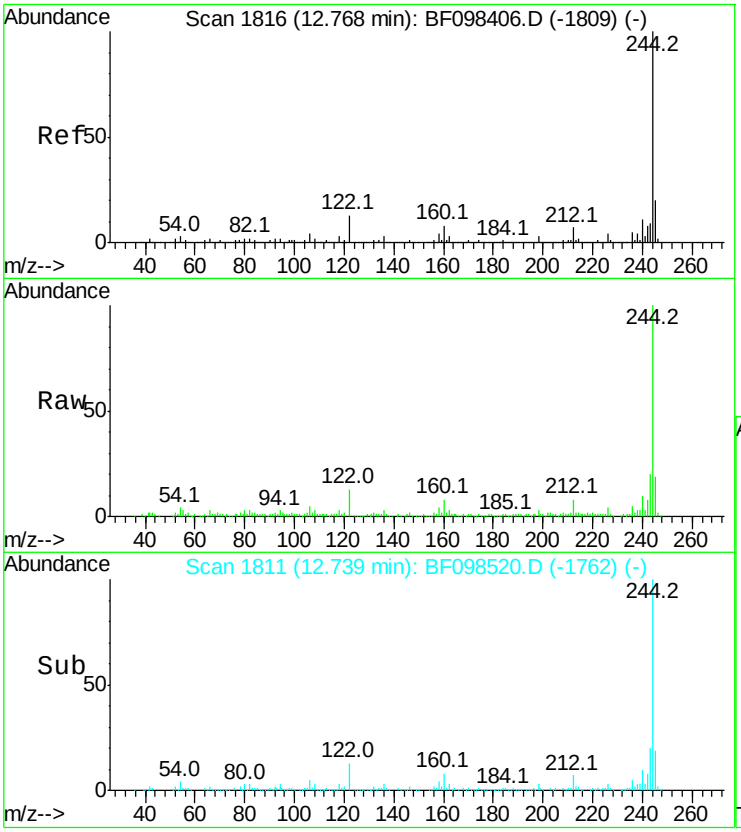


#77
Pyrene
Concen: 27.554 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BF098520.D
Acq: 14 Sep 2017 11:02

Tgt Ion:202 Resp: 662333

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.6	26.4
203	17.6	14.4	21.6



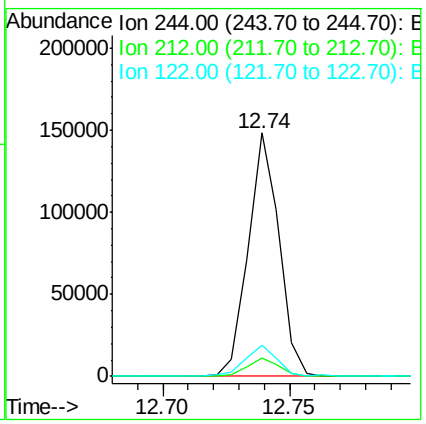


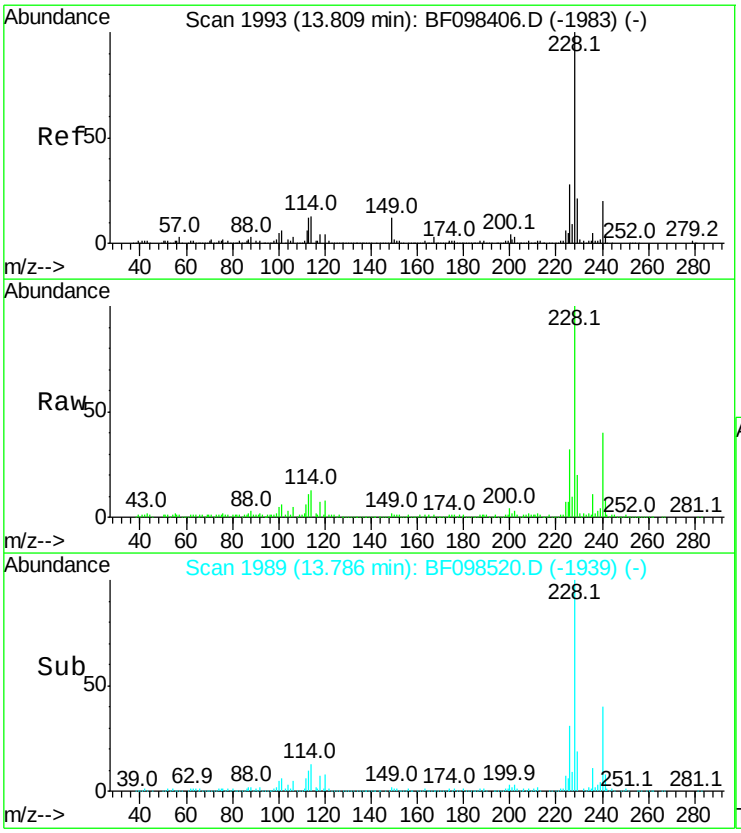
#78
Terphenyl-d14
Concen: 8.897 ng
RT: 12.74 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BF098520.D
Acq: 14 Sep 2017 11:02

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-BDL

Tgt Ion:244 Resp: 125597

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	12.9	10.3	15.5

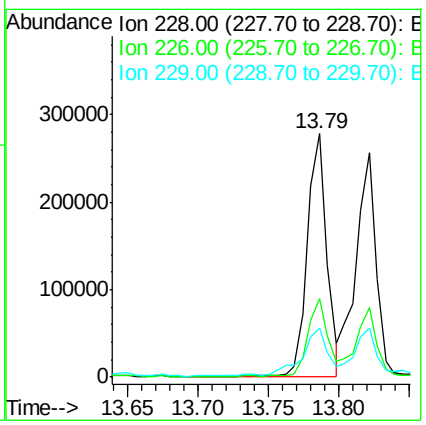


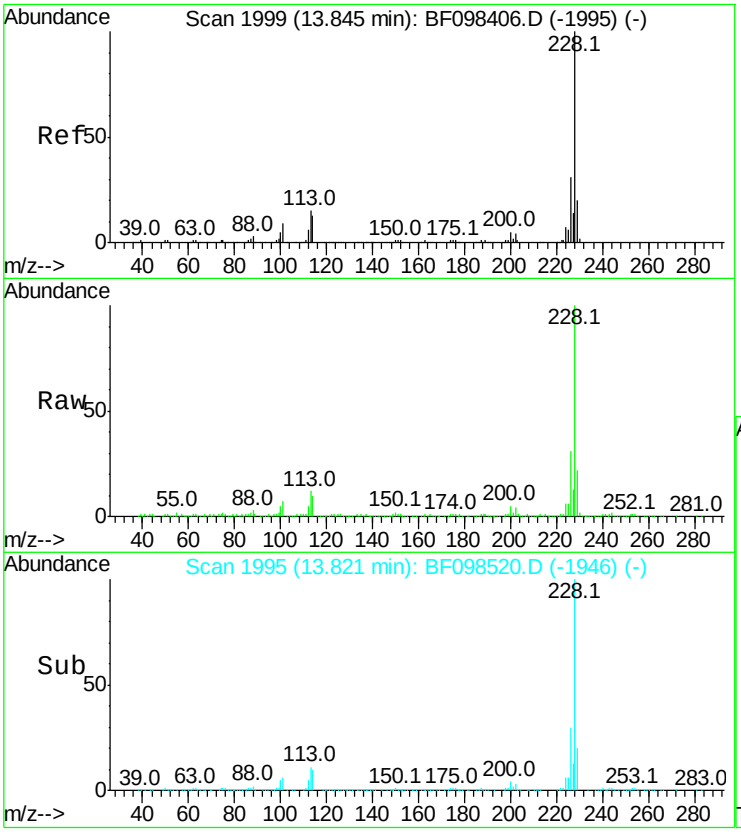


#80
Benzo(a)anthracene
Concen: 14.973 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BF098520.D
Acq: 14 Sep 2017 11:02

Tgt Ion:228 Resp: 267484

Ion	Ratio	Lower	Upper
228	100		
226	32.0	22.6	33.8
229	20.4	16.3	24.5



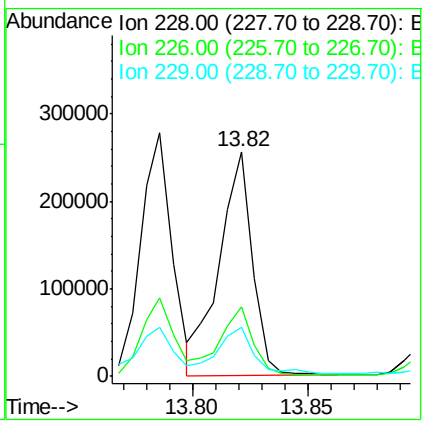


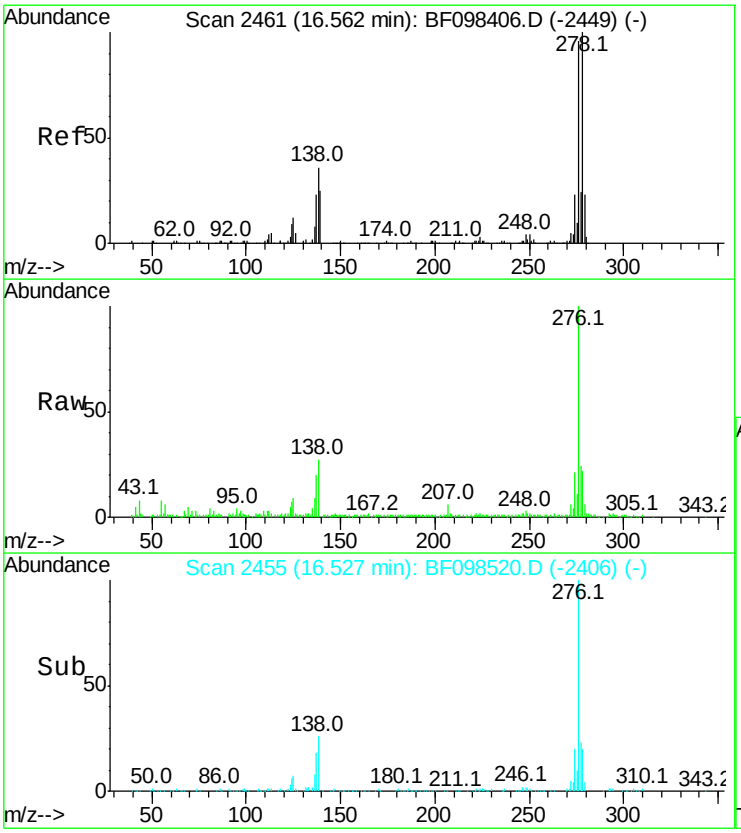
#82
Chrysene
Concen: 14.195 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF098520.D
Acq: 14 Sep 2017 11:02

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-BDL

Tgt Ion:228 Resp: 256342

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	21.8	15.8	23.6

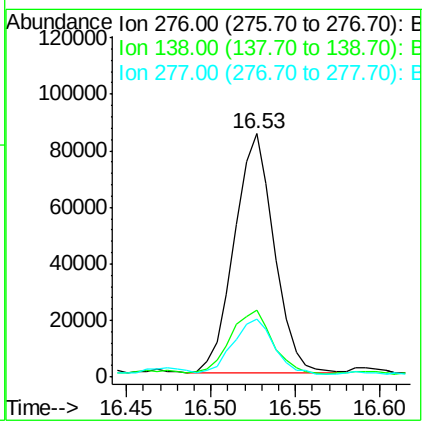


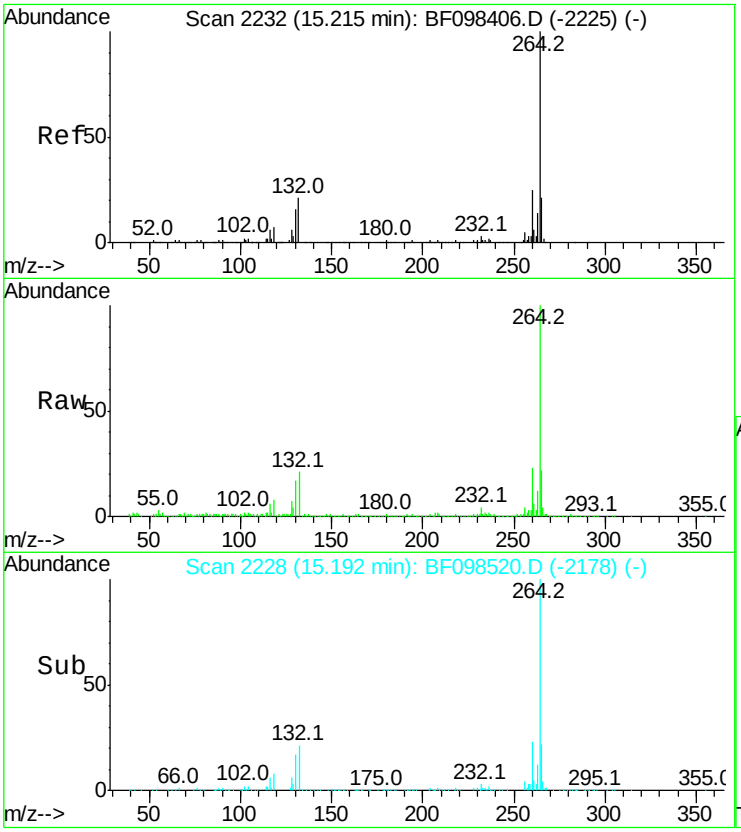


#85
Indeno(1,2,3-cd)pyrene
Concen: 10.936 ng
RT: 16.53 min Scan# 2455
Delta R.T. -0.01 min
Lab File: BF098520.D
Acq: 14 Sep 2017 11:02

Tgt Ion:276 Resp: 138548

Ion	Ratio	Lower	Upper
276	100		
138	28.4	27.8	41.6
277	24.1	20.2	30.4



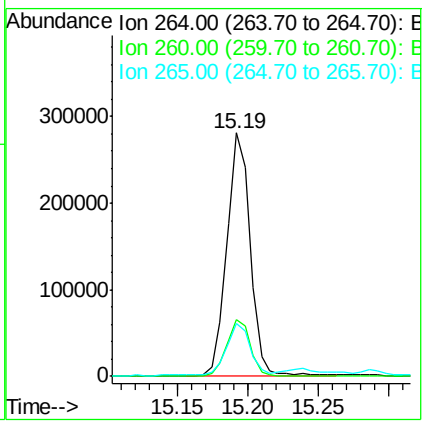


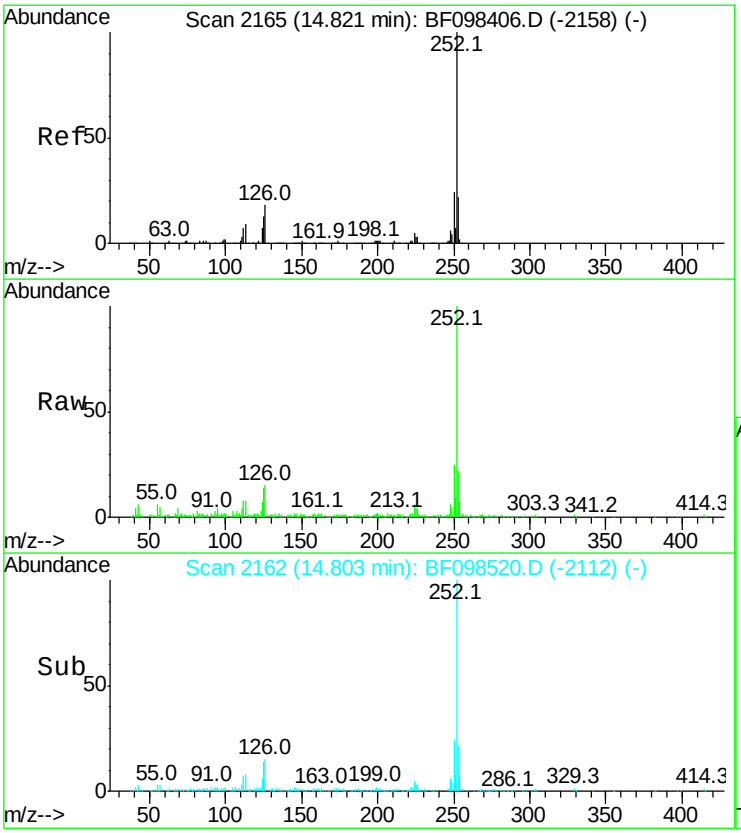
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.19 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BF098520.D
Acq: 14 Sep 2017 11:02

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-BDL

Tgt Ion:264 Resp: 323681

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.9	17.2	25.8

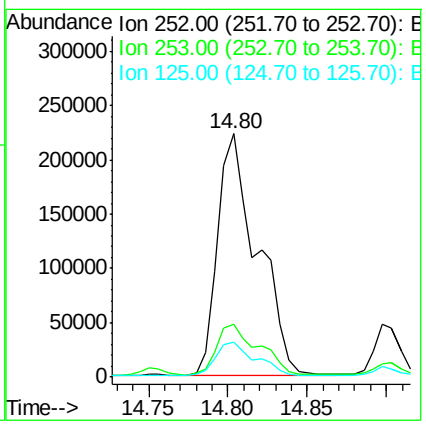


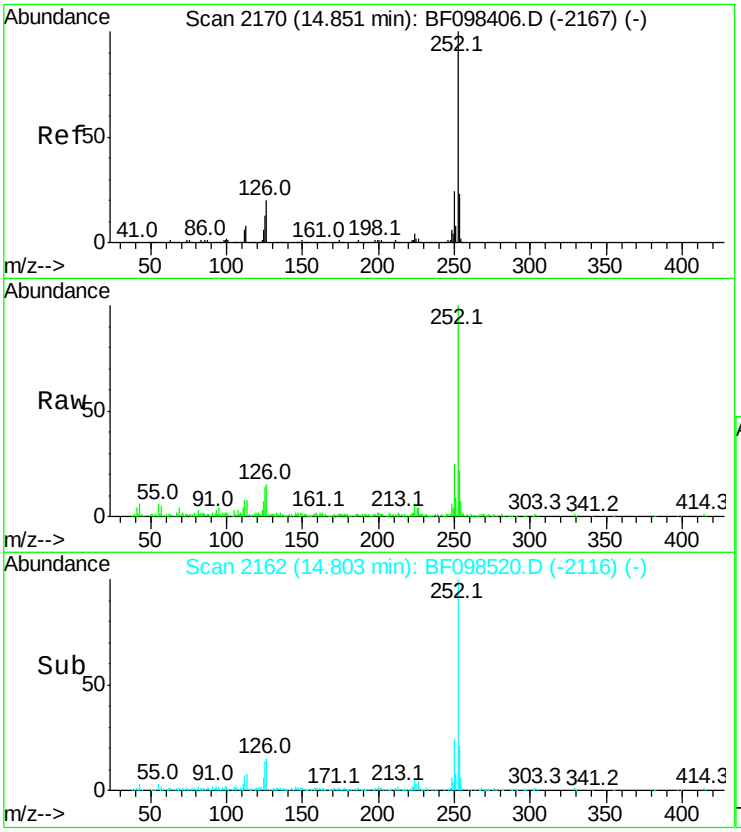


#87
Benzo(b)fluoranthene
Concen: 19.135 ng
RT: 14.80 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF098520.D
Acq: 14 Sep 2017 11:02

Tgt Ion:252 Resp: 389446

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	14.4	9.8	14.8



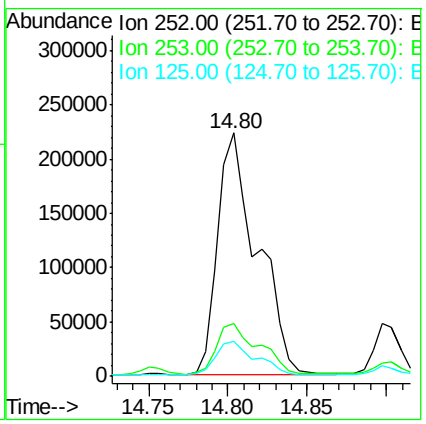


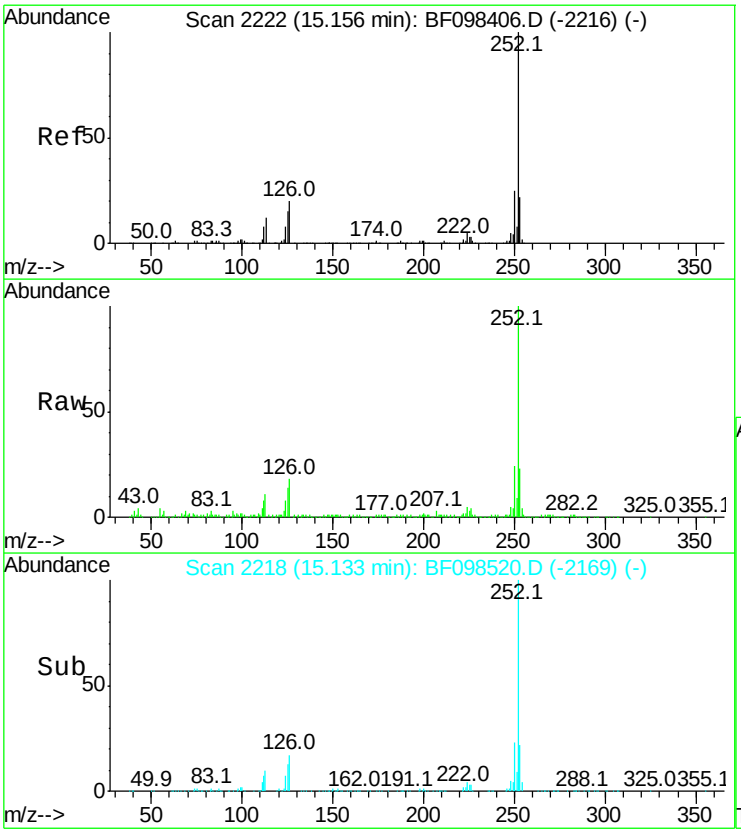
#88
Benzo(k)fluoranthene
Concen: 20.497 ng
RT: 14.80 min Scan# 2162
Delta R.T. -0.03 min
Lab File: BF098520.D
Acq: 14 Sep 2017 11:02

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-BDL

Tgt Ion:252 Resp: 389446

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.4	27.6
125	14.4	13.1	19.7

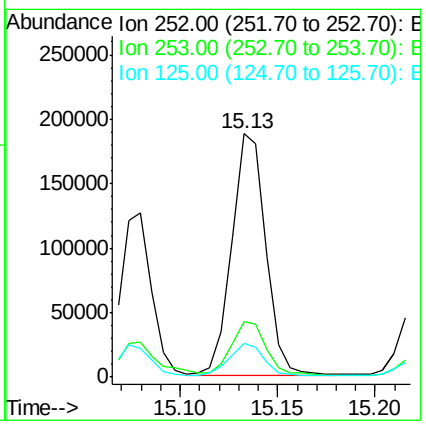


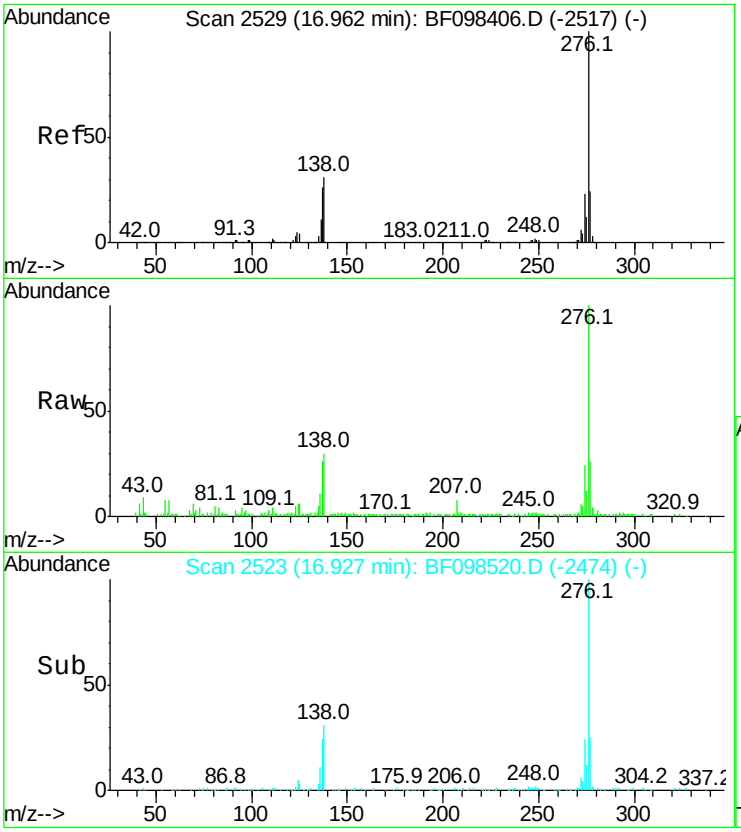


#89
Benzo(a)pyrene
Concen: 12.528 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF098520.D
Acq: 14 Sep 2017 11:02

Tgt Ion:252 Resp: 227158

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	13.7	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 10.510 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.01 min
Lab File: BF098520.D
Acq: 14 Sep 2017 11:02

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-BDL

Tgt Ion:276 Resp: 139424

Ion	Ratio	Lower	Upper
276	100		
277	25.9	18.6	28.0
138	30.3	25.4	38.0