Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100117\
Data File : BF098988.D
Acq On : 1 Oct 2017 13:25
Operator : SJ/JU
Sample : I5487-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-092717-C

Quant Time: Oct 02 00:52:52 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	6.90	152	137195	20.00	ng		-0.02
21) Naphthalene-d8	8.19	136	555344	20.00	ng		-0.02
38) Acenaphthene-d10	9.94	164	224502	20.00	ng		-0.02
63) Phenanthrene-d10	11.43	188	325719	20.00	ng		-0.02
75) Chrysene-d12	14.07	240	249658	20.00	ng		-0.02
86) Perylene-d12	15.56	264	262753	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	874937	101.52	ng		-0.01
7) Phenol-d6	6.53	99	1052491	99.00	ng		-0.02
23) Nitrobenzene-d5	7.46	82	650355	75.10	ng		-0.02
41) 2,4,6-Tribromophenol	10.73	330	158732	86.41	ng		-0.02
44) 2-Fluorobiphenyl	9.26	172	1101900	81.94	ng		-0.02
78) Terphenyl-d14	13.02	244	686011	62.49	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.67	77	18768	3.04	ng		87
10) Phenol	6.54	94	24890	2.09	ng		95
19) n-Nitroso-di-n-propylamine	7.46	70	85705	12.63	ng	#	77
25) Isophorone	7.46	82	646804	36.13	ng	#	64
48) Acenaphthylene	9.80	152	72659	3.28	ng		99
49) Dimethylphthalate	9.65	163	186760	11.02	ng		100
66) 4-Bromophenyl-phenylether	10.73	248	10737	3.37	ng	#	1
70) Phenanthrene	11.45	178	53027	3.04	ng		97
74) Fluoranthene	12.64	202	117654	6.66	ng		100
77) Pyrene	12.87	202	153280	8.05	ng		100
80) Benzo(a)anthracene	14.09	228	107988	7.14	ng		96
82) Chrysene	14.09	228	107988	7.50	ng		98
85) Indeno(1,2,3-cd)pyrene	17.07	276	117743	10.23	ng		96
87) Benzo(b)fluoranthene	15.12	252	278713	17.25	ng	#	94
88) Benzo(k)fluoranthene	15.12	252	278713	17.47	ng	#	97
89) Benzo(a)pyrene	15.50	252	166042	11.20	ng		96
90) Dibenzo(a,h)anthracene	17.07	278	29745	2.51	ng	#	79
91) Benzo(g,h,i)perylene	17.53	276	119304	10.17	ng		94

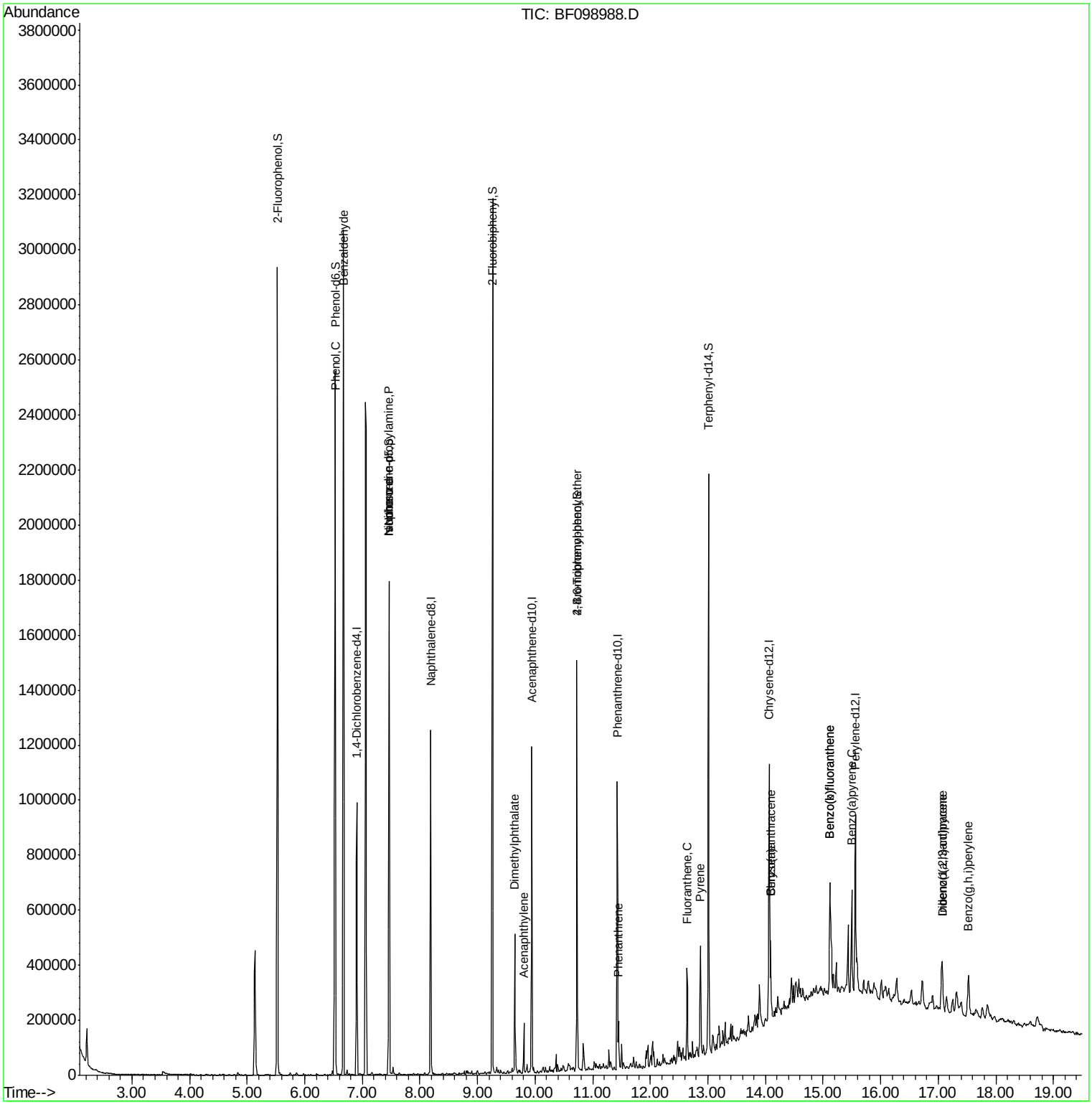
(#) = qualifier out of range (m) = manual integration (+) = signals summed

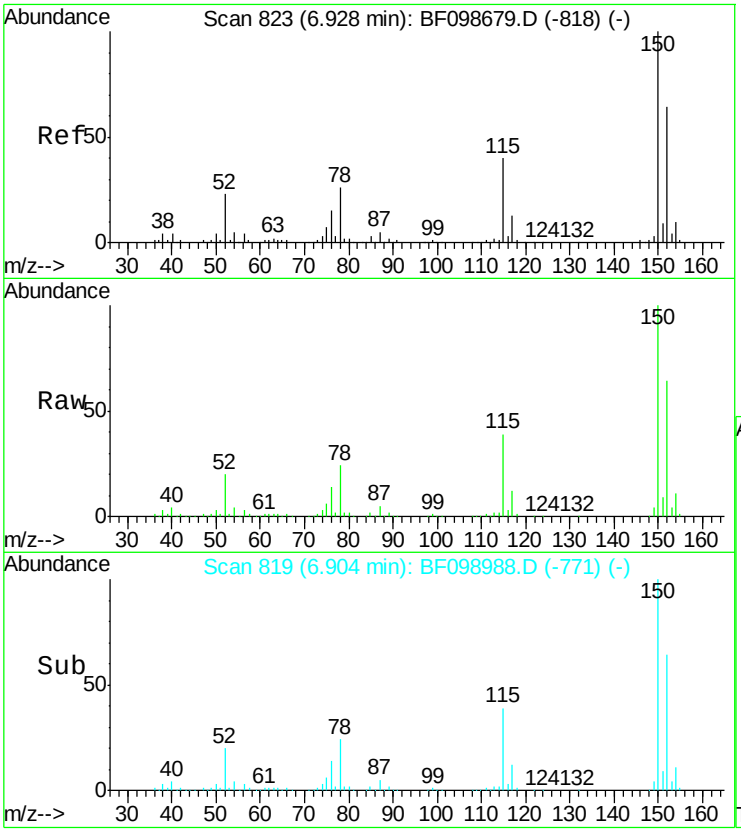
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100117\
Data File : BF098988.D
Acq On : 1 Oct 2017 13:25
Operator : SJ/JU
Sample : I5487-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-092717-C

Quant Time: Oct 02 00:52:52 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



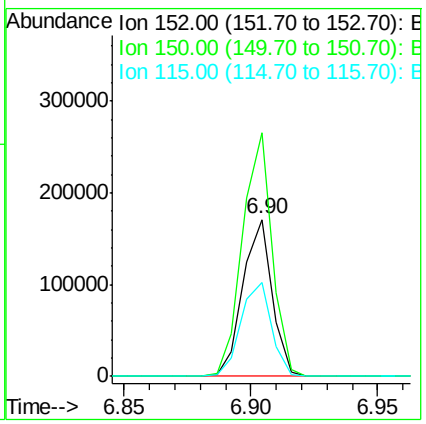


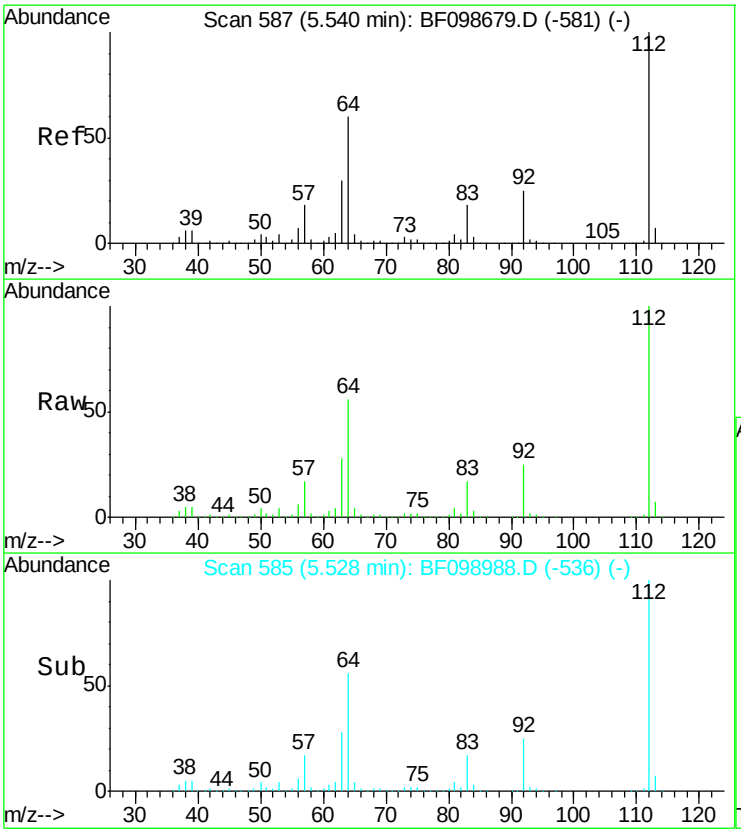
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF098988.D
Acq: 1 Oct 2017 13:25

Instrument :
BNA_F
ClientSampleId :
CL-02-092717-C

Tgt Ion:152 Resp: 137195

Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	186.8
115	59.9	50.1	75.1

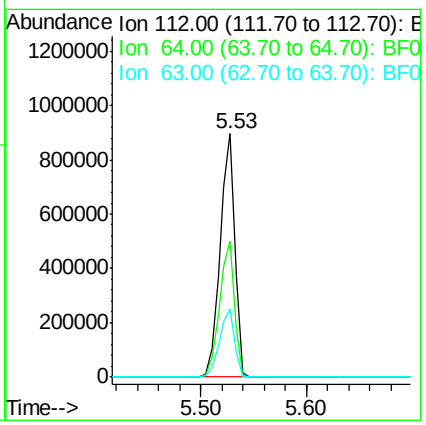


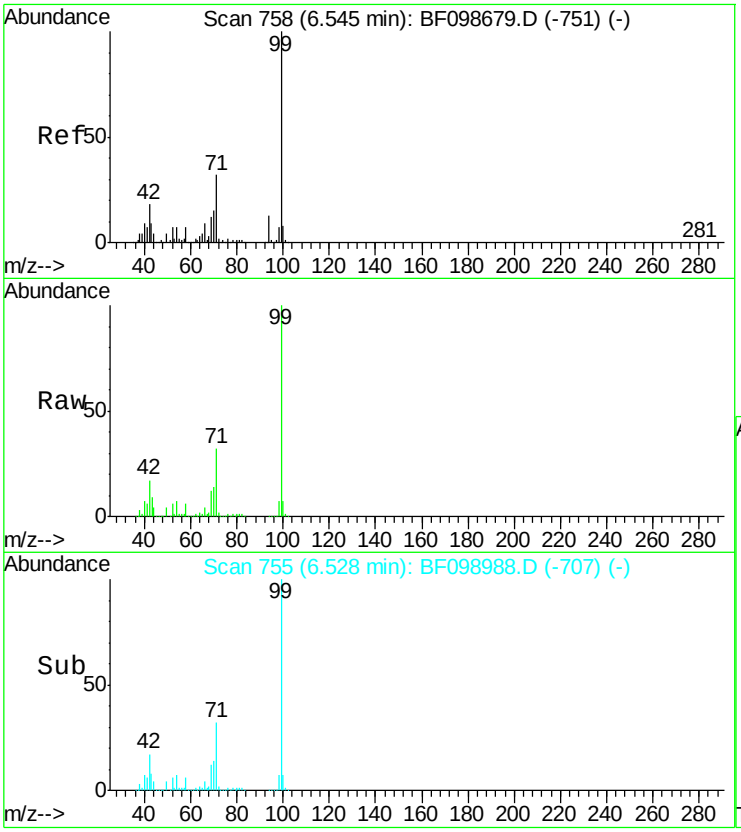


#5
2-Fluorophenol
Concen: 101.52 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF098988.D
Acq: 1 Oct 2017 13:25

Tgt Ion:112 Resp: 874937

Ion	Ratio	Lower	Upper
112	100		
64	55.9	47.9	71.9
63	27.8	23.7	35.5



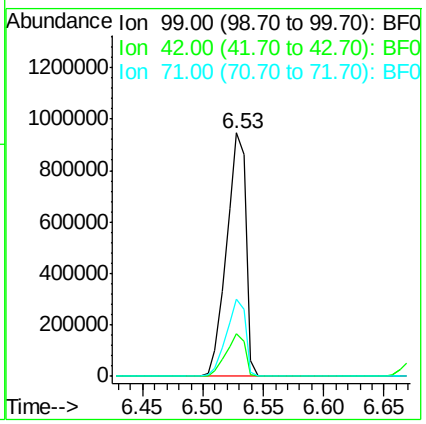


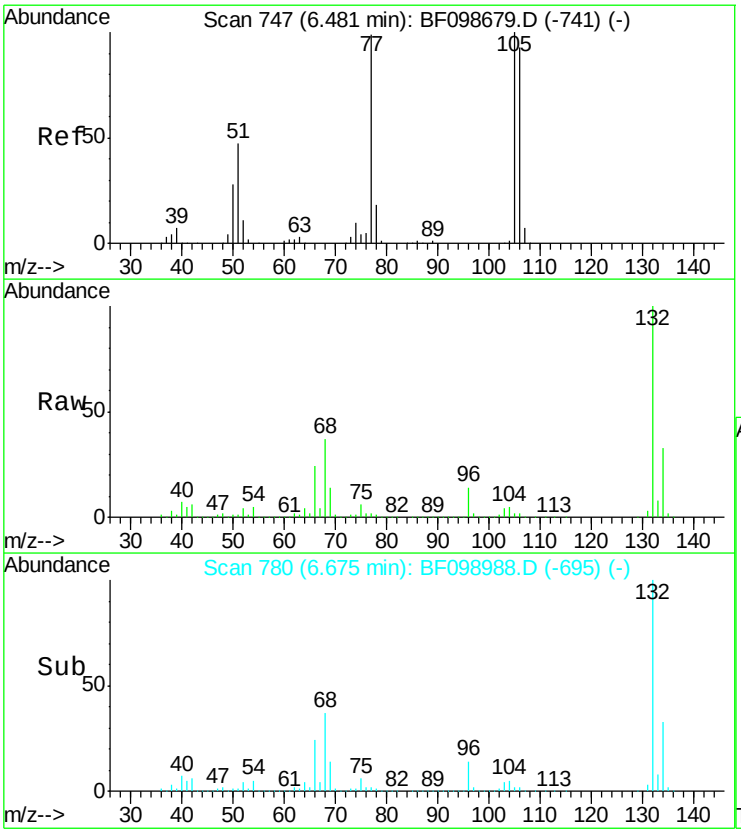
#7
Phenol-d6
Concen: 99.00 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF098988.D
Acq: 1 Oct 2017 13:25

Instrument :
BNA_F
ClientSampleId :
CL-02-092717-C

Tgt Ion: 99 Resp: 1052491

Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.5	21.7
71	31.8	25.4	38.0

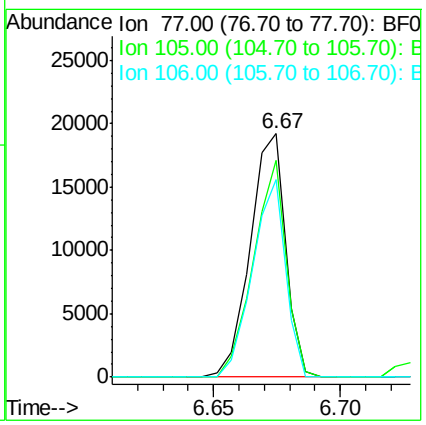


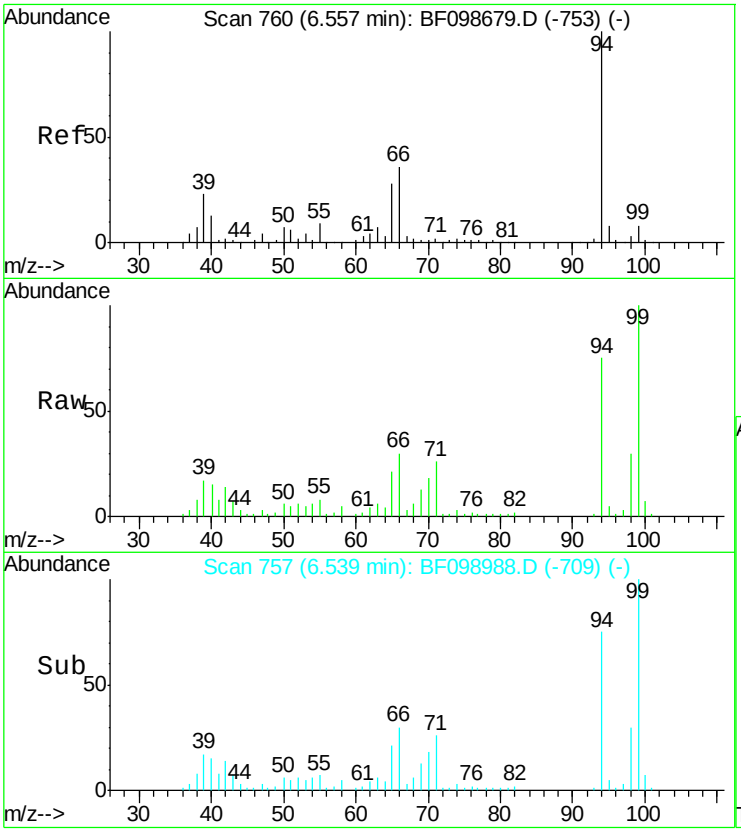


#9
Benzaldehyde
Concen: 3.04 ng
RT: 6.67 min Scan# 780
Delta R.T. 0.20 min
Lab File: BF098988.D
Acq: 1 Oct 2017 13:25

Tgt Ion: 77 Resp: 18768

Ion	Ratio	Lower	Upper
77	100		
105	88.8	81.1	121.1
106	81.4	74.5	114.5



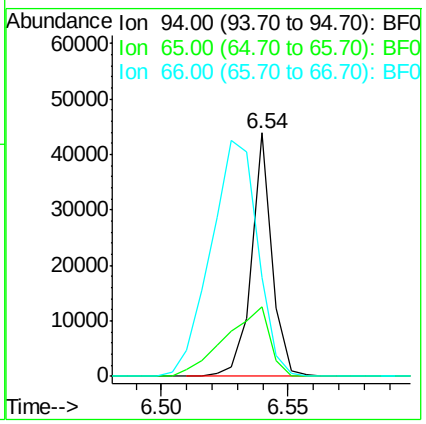


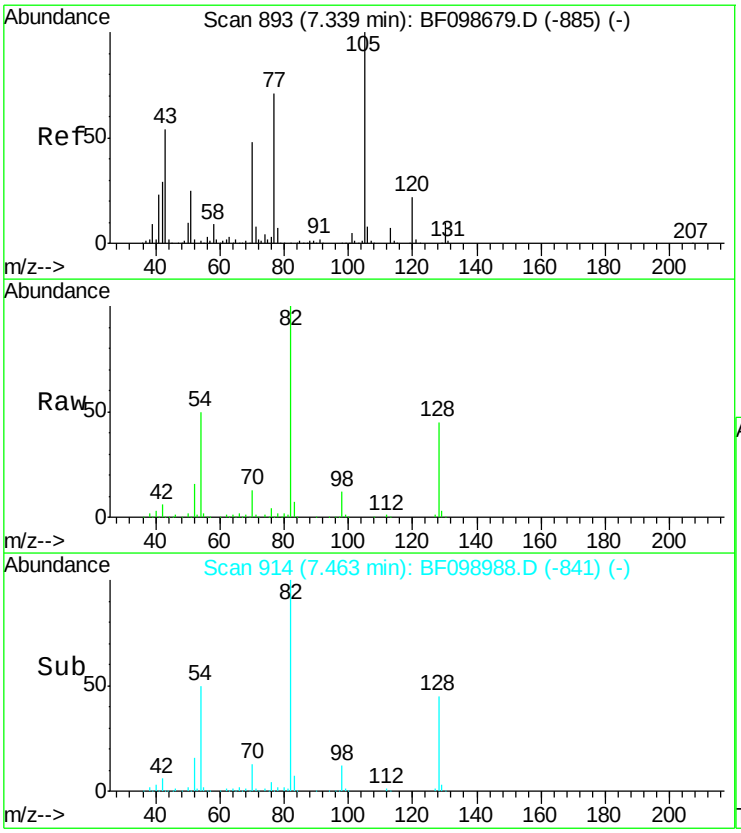
#10
Phenol
Concen: 2.09 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.02 min
Lab File: BF098988.D
Acq: 1 Oct 2017 13:25

Instrument :
BNA_F
ClientSampleId :
CL-02-092717-C

Tgt Ion: 94 Resp: 24890

Ion	Ratio	Lower	Upper
94	100		
65	28.3	7.9	47.9
66	40.9	16.2	56.2

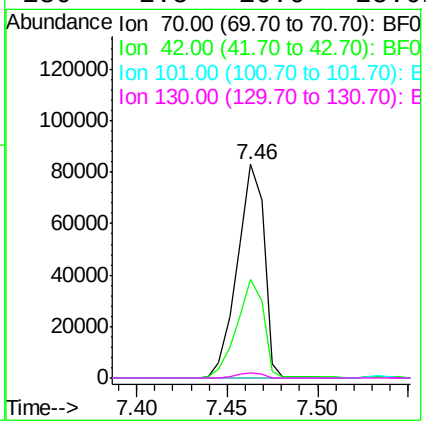


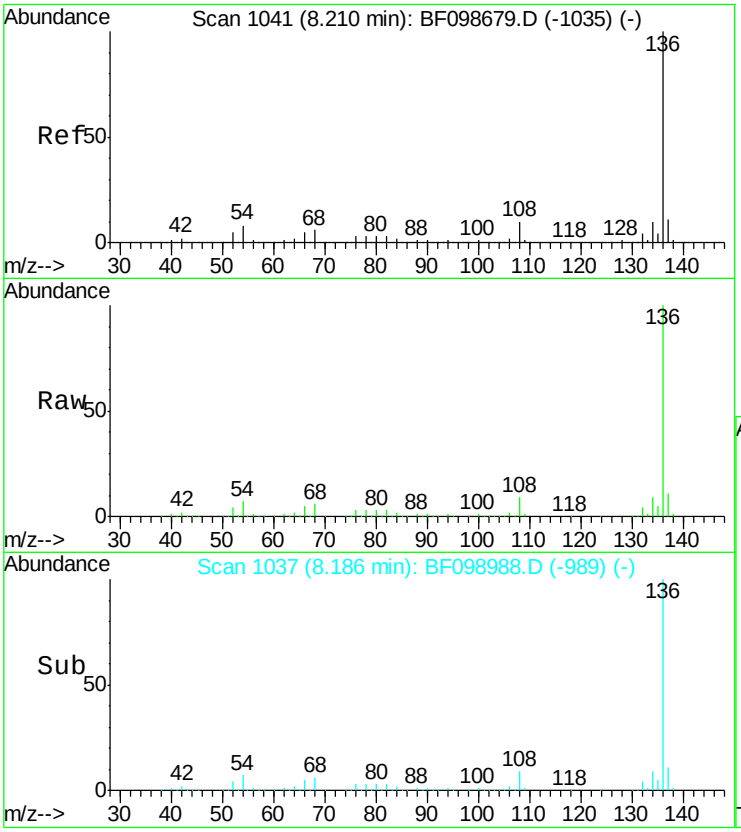


#19
n-Nitroso-di-n-propylamine
Concen: 12.63 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.13 min
Lab File: BF098988.D
Acq: 1 Oct 2017 13:25

Tgt Ion: 70 Resp: 85705

Ion	Ratio	Lower	Upper
70	100		
42	46.1	47.5	71.3#
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#



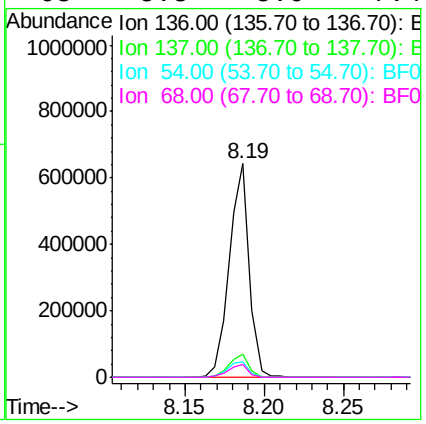


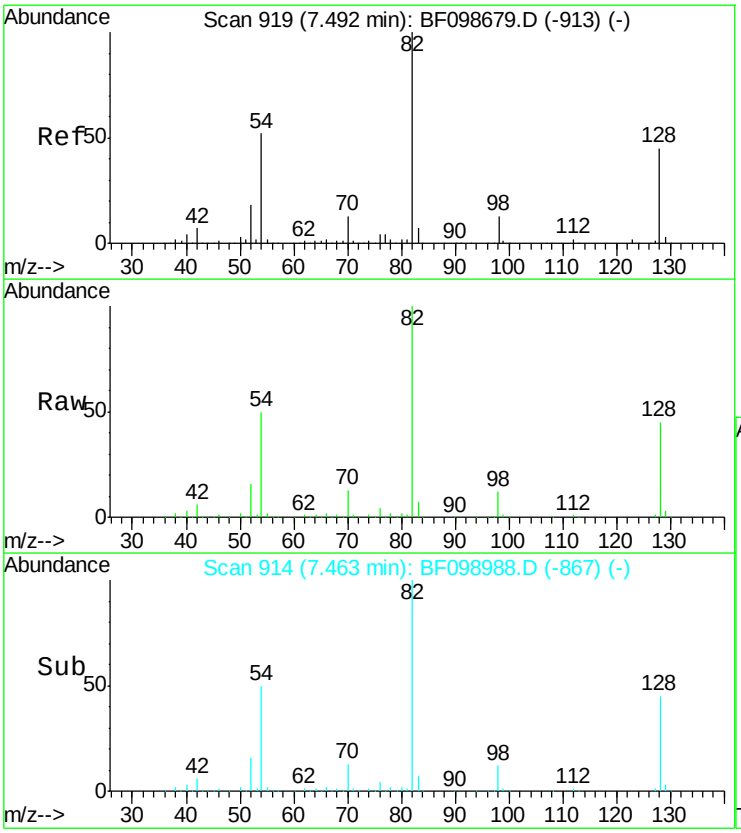
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF098988.D
Acq: 1 Oct 2017 13:25

Instrument :
BNA_F
ClientSampleId :
CL-02-092717-C

Tgt Ion:136 Resp: 555344

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.3	6.6	9.8
68	5.8	5.0	7.4

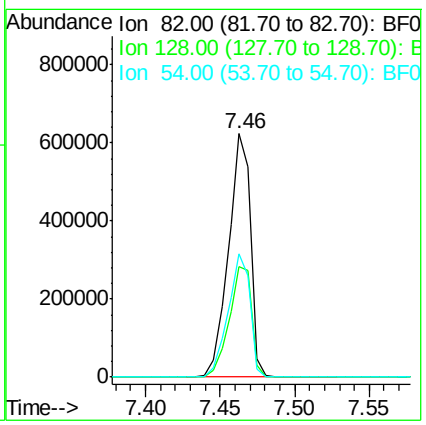


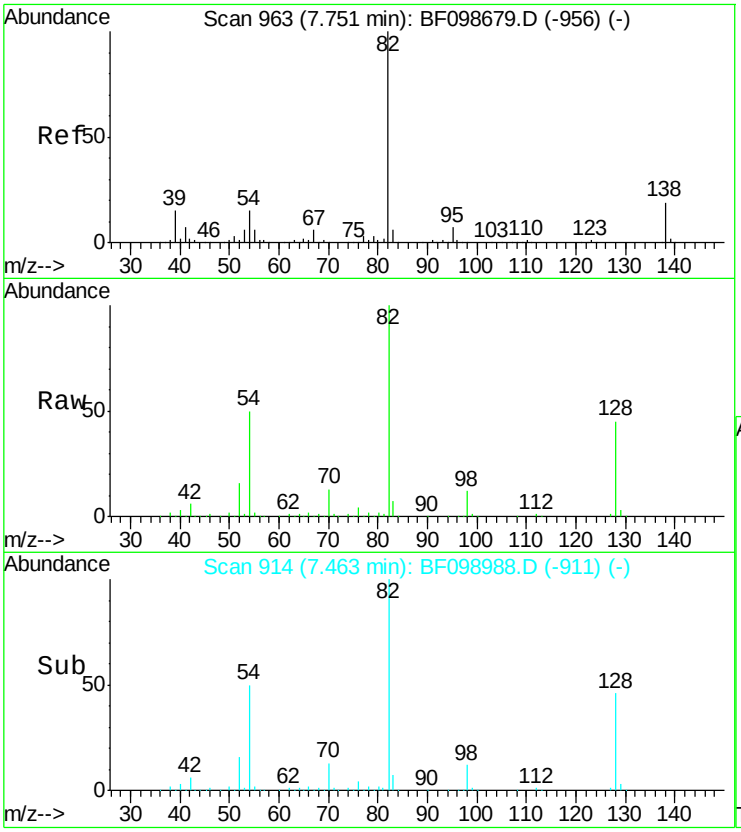


#23
Nitrobenzene-d5
Concen: 75.10 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.02 min
Lab File: BF098988.D
Acq: 1 Oct 2017 13:25

Tgt Ion: 82 Resp: 650355

Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	50.4	41.4	62.2



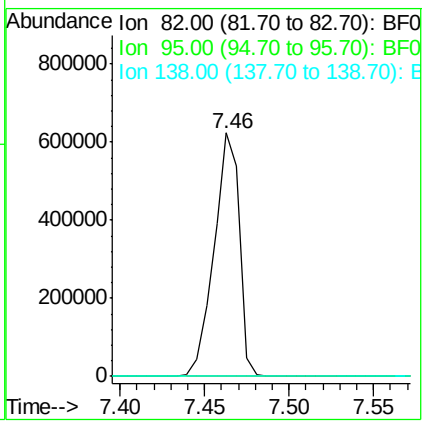


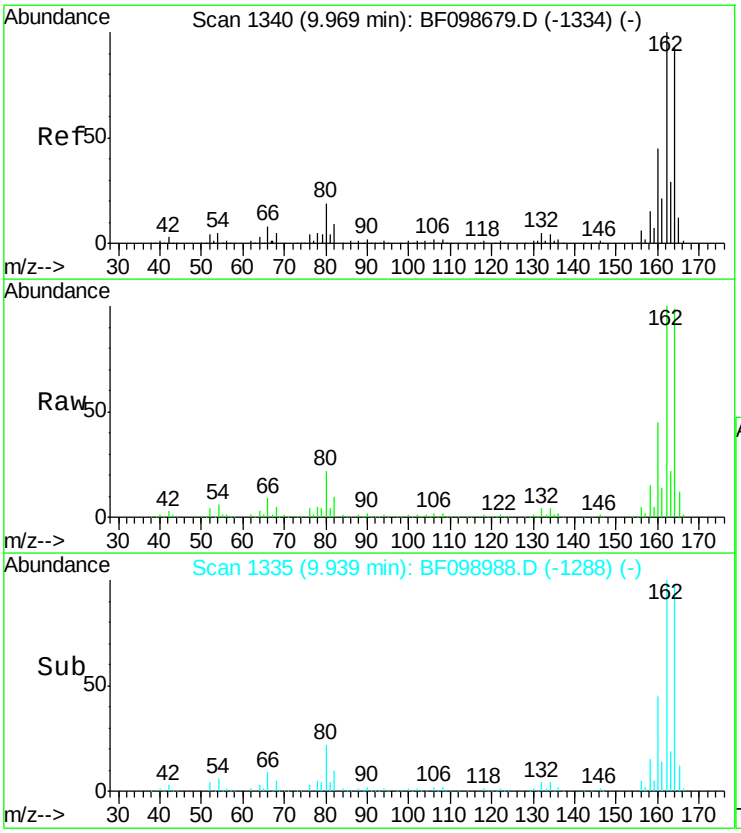
#25
Isophorone
Concen: 36.13 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.28 min
Lab File: BF098988.D
Acq: 1 Oct 2017 13:25

Instrument :
BNA_F
ClientSampleId :
CL-02-092717-C

Tgt Ion: 82 Resp: 646804

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

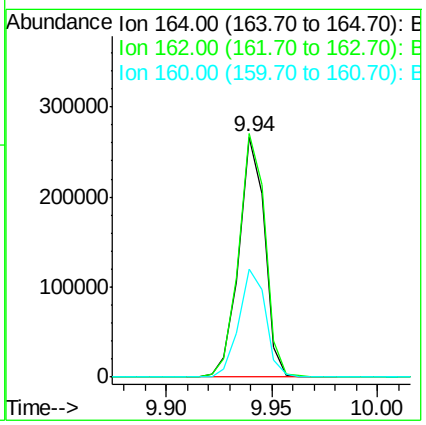


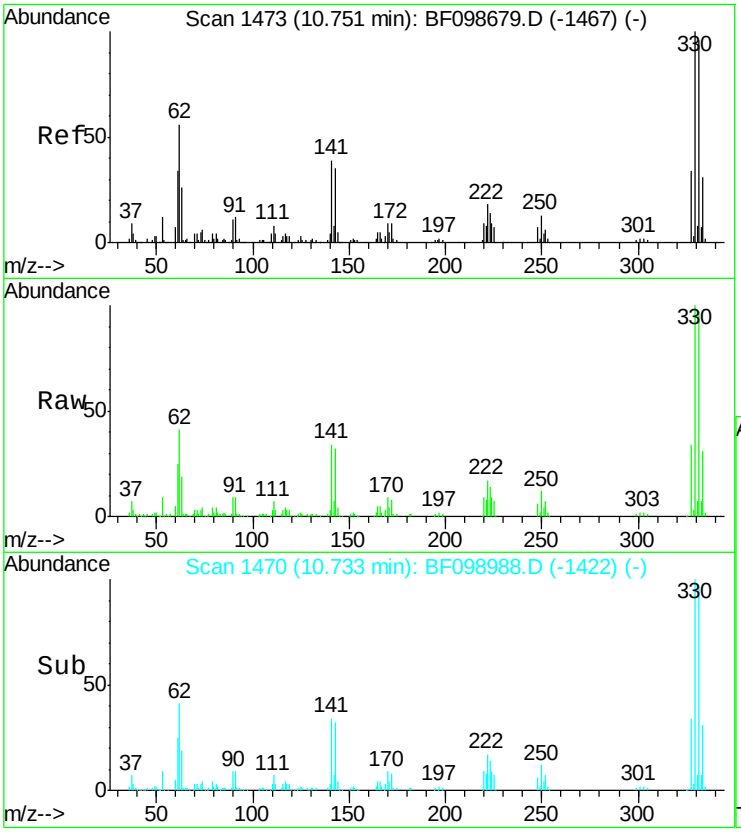


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF098988.D
Acq: 1 Oct 2017 13:25

Tgt Ion:164 Resp: 224502

Ion	Ratio	Lower	Upper
164	100		
162	101.5	86.1	129.1
160	45.2	38.3	57.5



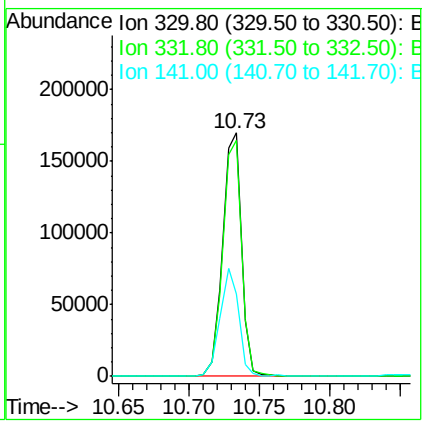


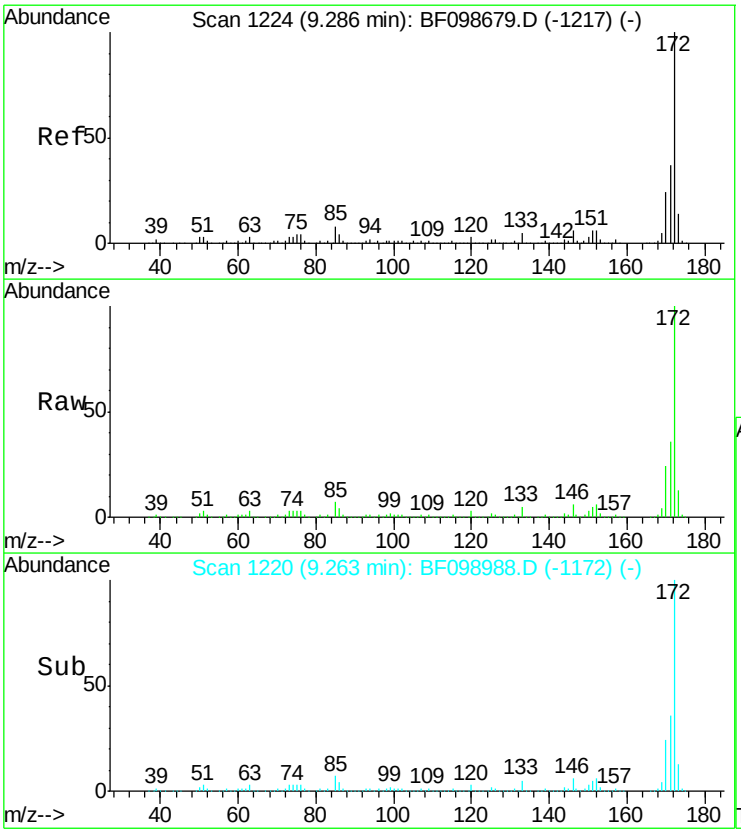
#41
2,4,6-Tribromophenol
Concen: 86.41 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.02 min
Lab File: BF098988.D
Acq: 1 Oct 2017 13:25

Instrument :
BNA_F
ClientSampleId :
CL-02-092717-C

Tgt Ion:330 Resp: 158732

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	44.5	29.9	44.9

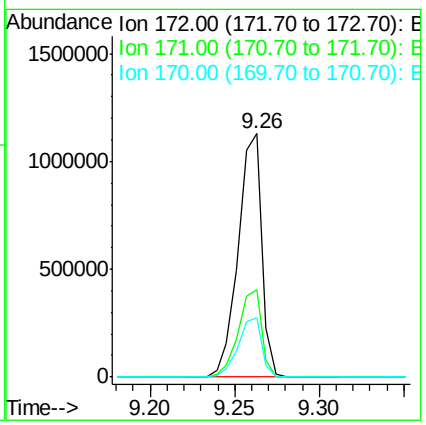


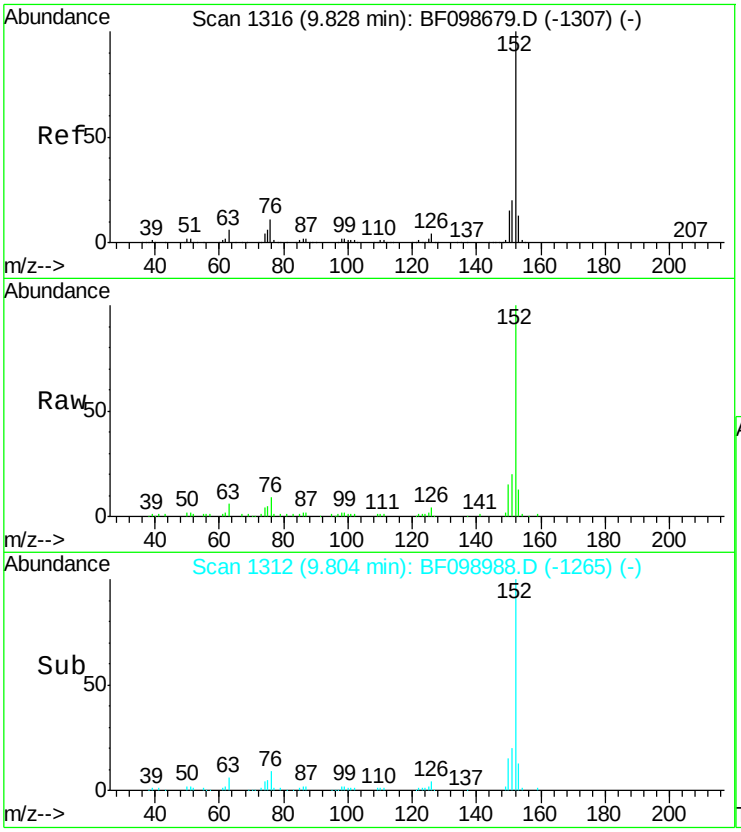


#44
2-Fluorobiphenyl
Concen: 81.94 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.02 min
Lab File: BF098988.D
Acq: 1 Oct 2017 13:25

Tgt Ion:172 Resp: 1101900

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.2	19.6	29.4



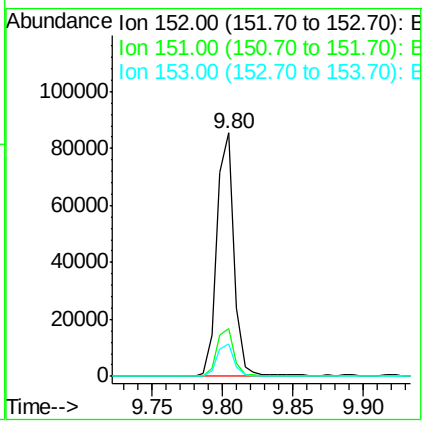


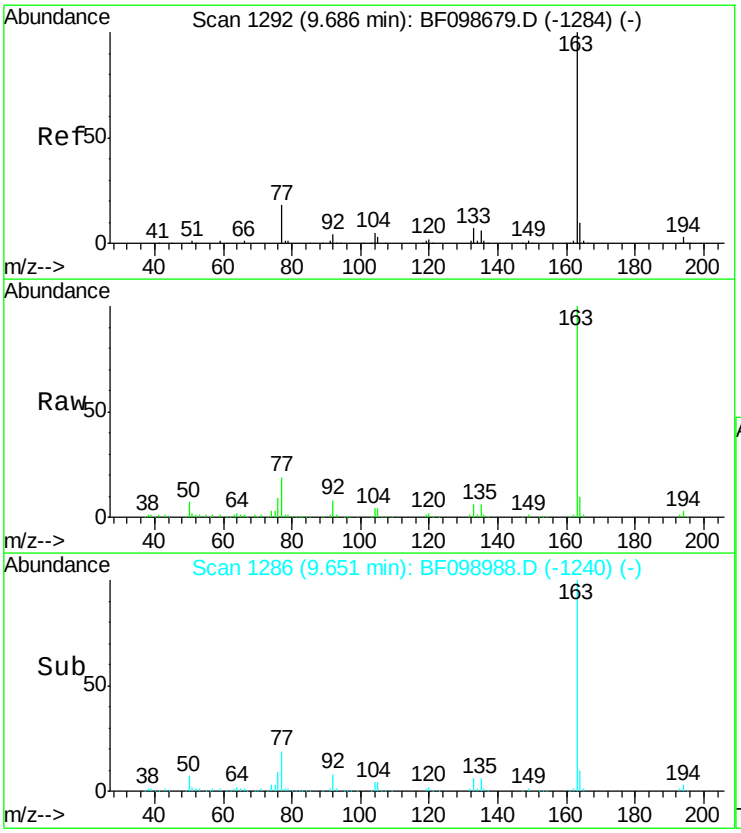
#48
Acenaphthylene
Concen: 3.28 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BF098988.D
Acq: 1 Oct 2017 13:25

Instrument :
BNA_F
ClientSampleId :
CL-02-092717-C

Tgt Ion:152 Resp: 72659

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.3	24.5
153	13.2	10.7	16.1

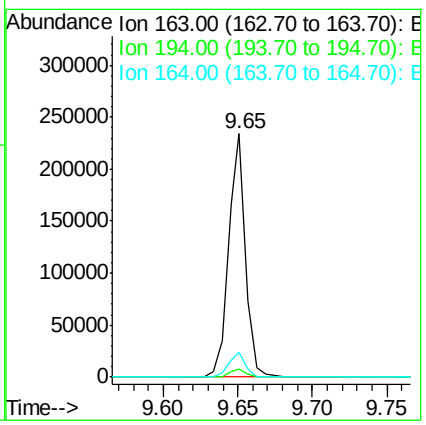


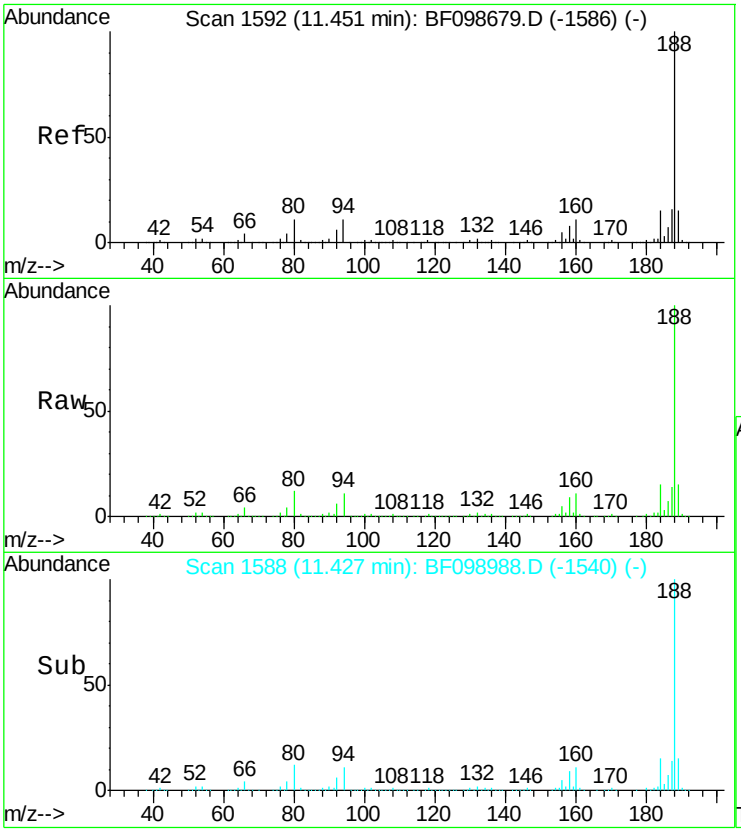


#49
Dimethylphthalate
Concen: 11.02 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.03 min
Lab File: BF098988.D
Acq: 1 Oct 2017 13:25

Tgt Ion:163 Resp: 186760

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.0	8.2	12.2



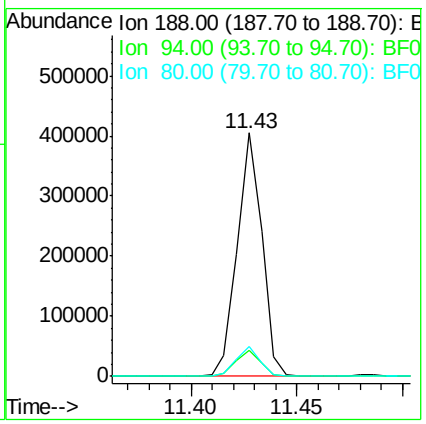


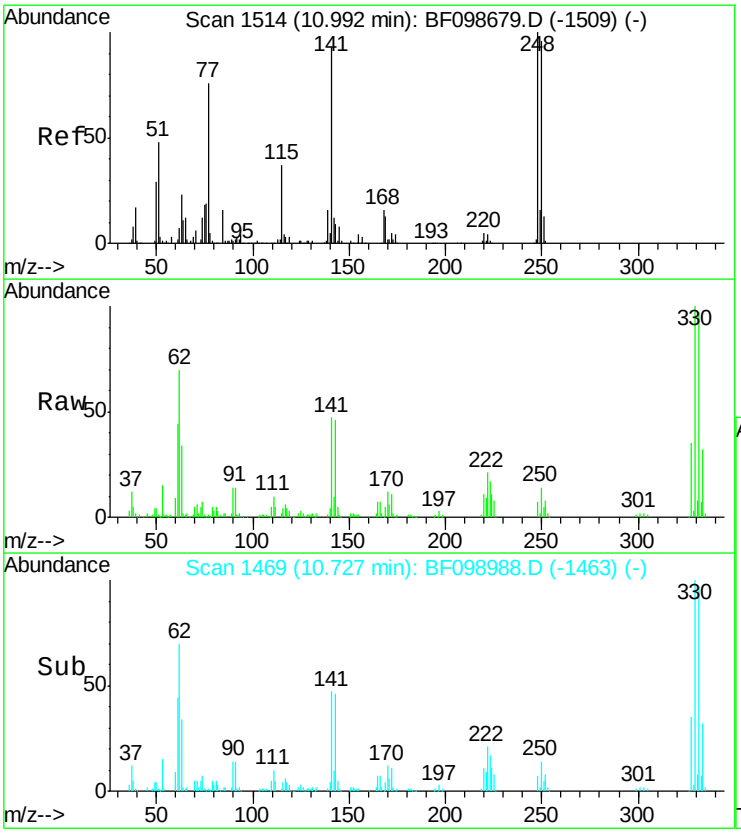
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.02 min
Lab File: BF098988.D
Acq: 1 Oct 2017 13:25

Instrument :
BNA_F
ClientSampleId :
CL-02-092717-C

Tgt Ion:188 Resp: 325719

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	12.3	9.2	13.8

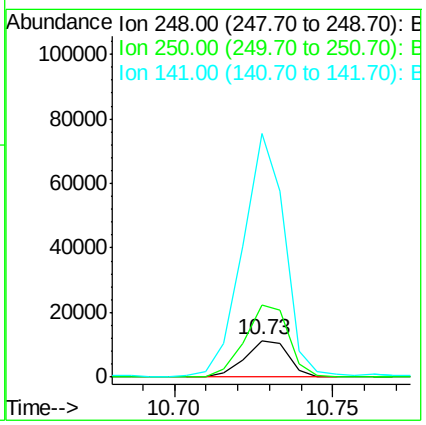


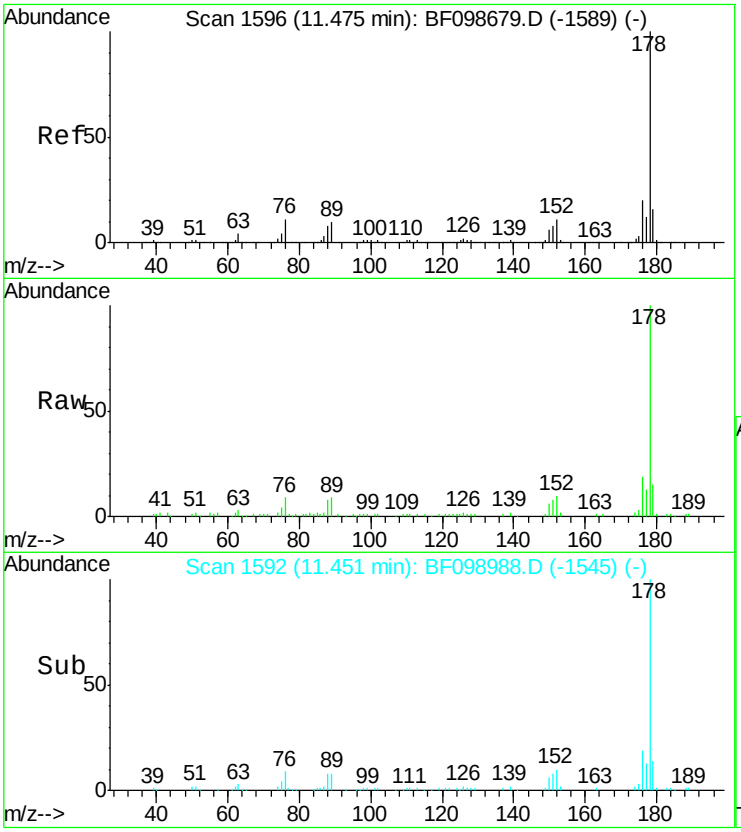


#66
4-Bromophenyl-phenylether
Concen: 3.37 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.26 min
Lab File: BF098988.D
Acq: 1 Oct 2017 13:25

Tgt Ion:248 Resp: 10737

Ion	Ratio	Lower	Upper
248	100		
250	198.7	76.9	115.3#
141	667.9	74.4	111.6#



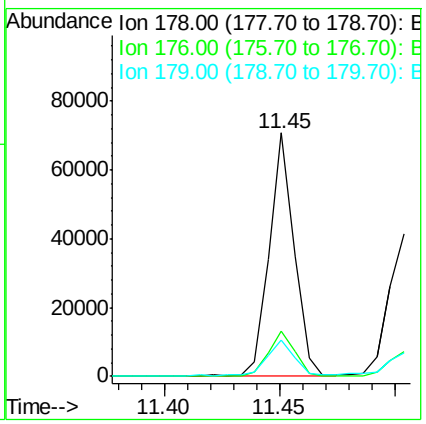


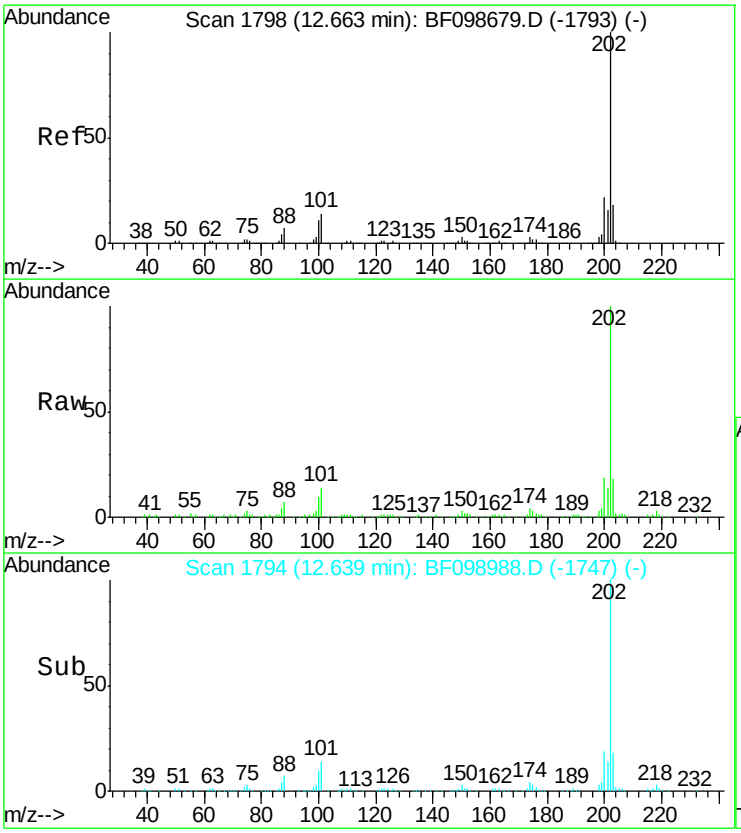
#70
Phenanthrene
Concen: 3.04 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.02 min
Lab File: BF098988.D
Acq: 1 Oct 2017 13:25

Instrument :
BNA_F
ClientSampleId :
CL-02-092717-C

Tgt Ion:178 Resp: 53027

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	14.7	13.0	19.6

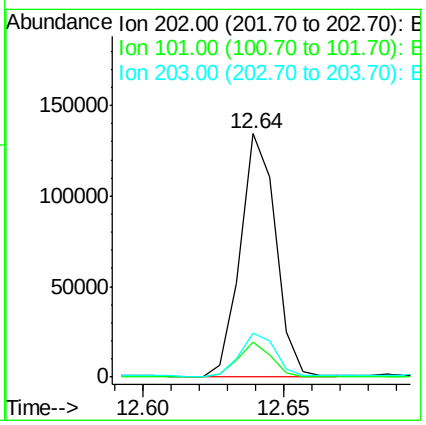


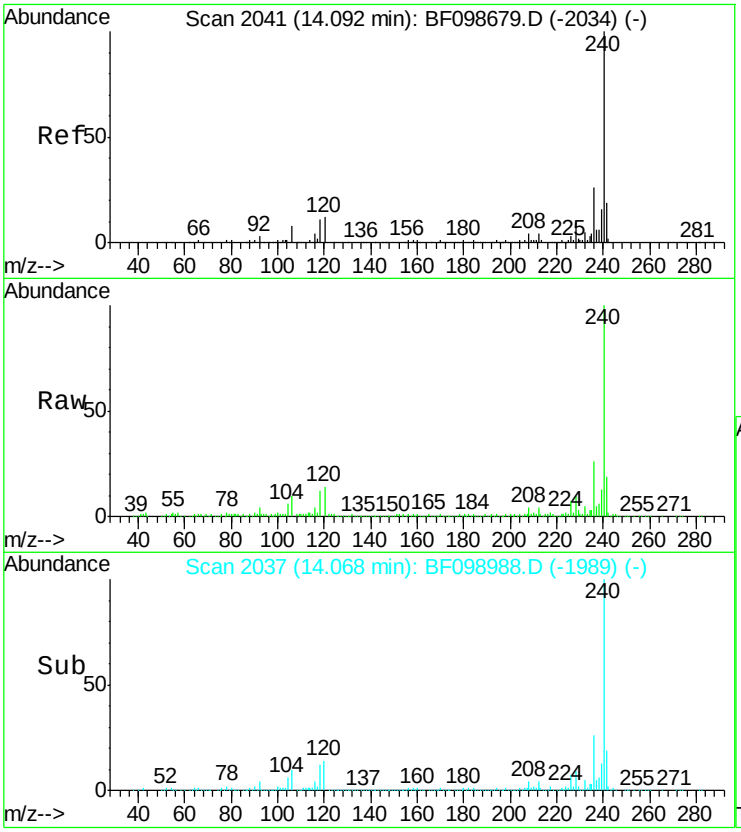


#74
Fluoranthene
Concen: 6.66 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BF098988.D
Acq: 1 Oct 2017 13:25

Tgt Ion:202 Resp: 117654

Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	34.1
203	18.1	0.0	38.1



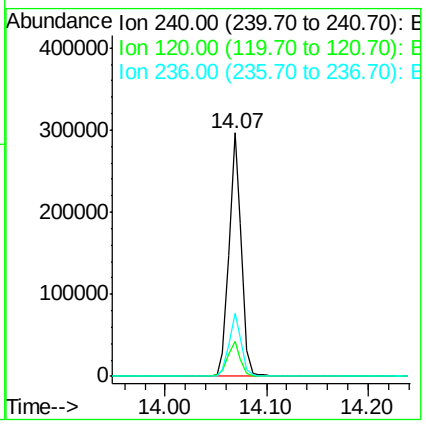


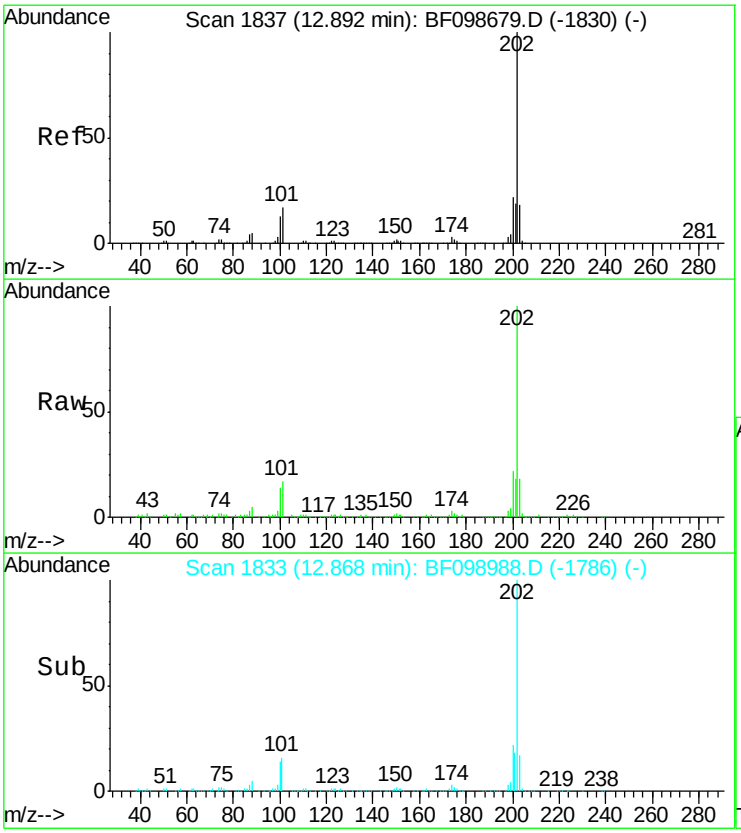
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.02 min
Lab File: BF098988.D
Acq: 1 Oct 2017 13:25

Instrument :
BNA_F
ClientSampleId :
CL-02-092717-C

Tgt Ion:240 Resp: 249658

Ion	Ratio	Lower	Upper
240	100		
120	14.1	9.5	14.3
236	26.0	20.7	31.1

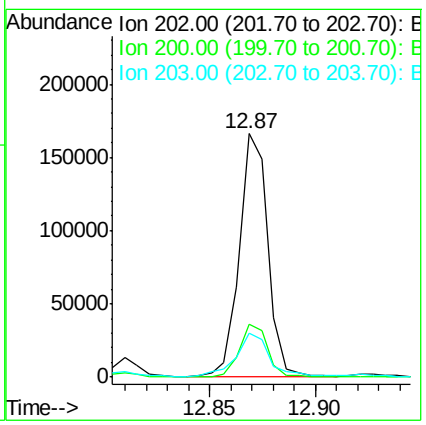


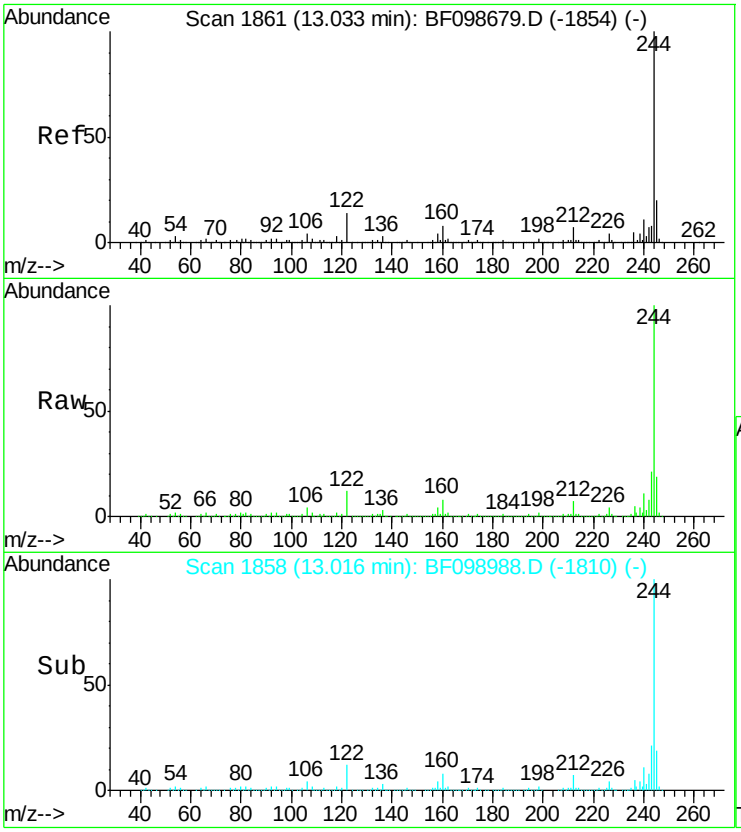


#77
Pyrene
Concen: 8.05 ng
RT: 12.87 min Scan# 1833
Delta R.T. -0.02 min
Lab File: BF098988.D
Acq: 1 Oct 2017 13:25

Tgt Ion:202 Resp: 153280

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.9	14.3	21.5



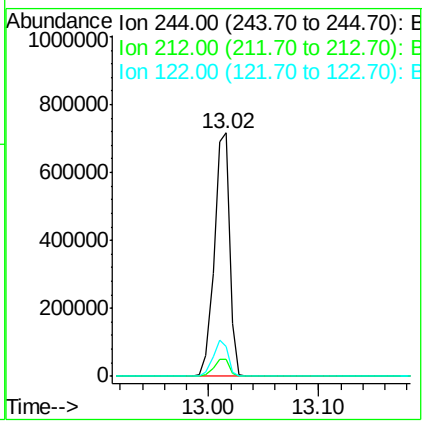


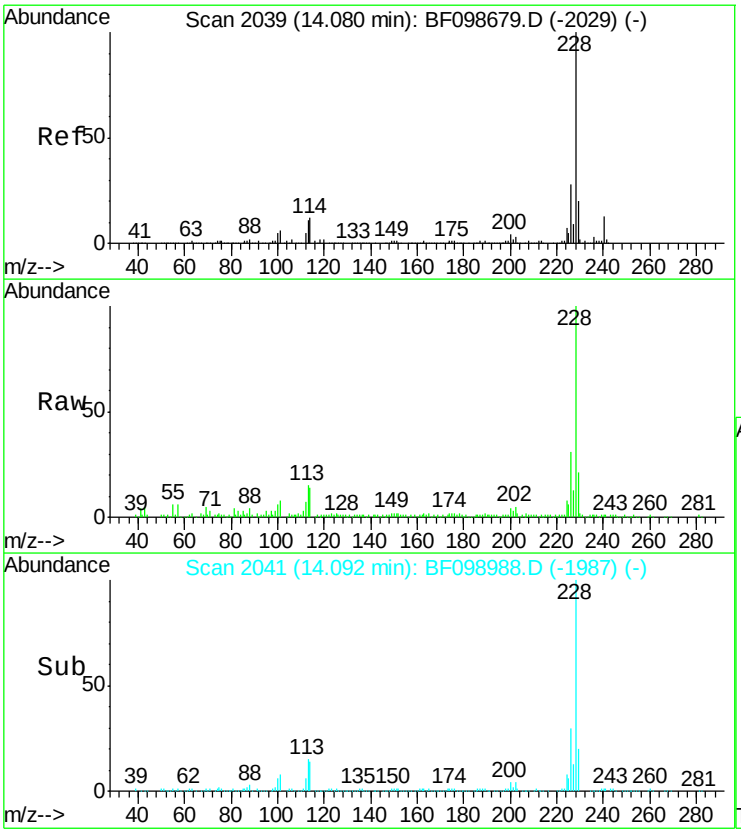
#78
Terphenyl-d14
Concen: 62.49 ng
RT: 13.02 min Scan# 1858
Delta R.T. -0.02 min
Lab File: BF098988.D
Acq: 1 Oct 2017 13:25

Instrument :
BNA_F
ClientSampleId :
CL-02-092717-C

Tgt Ion:244 Resp: 686011

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.4	11.0	16.4

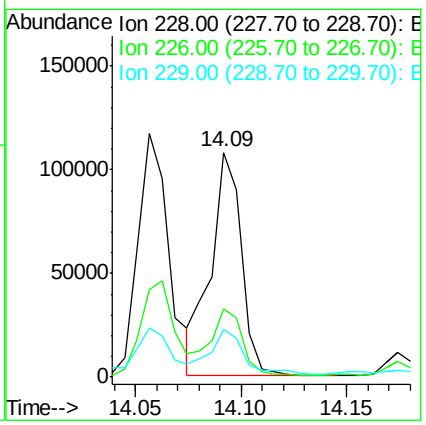


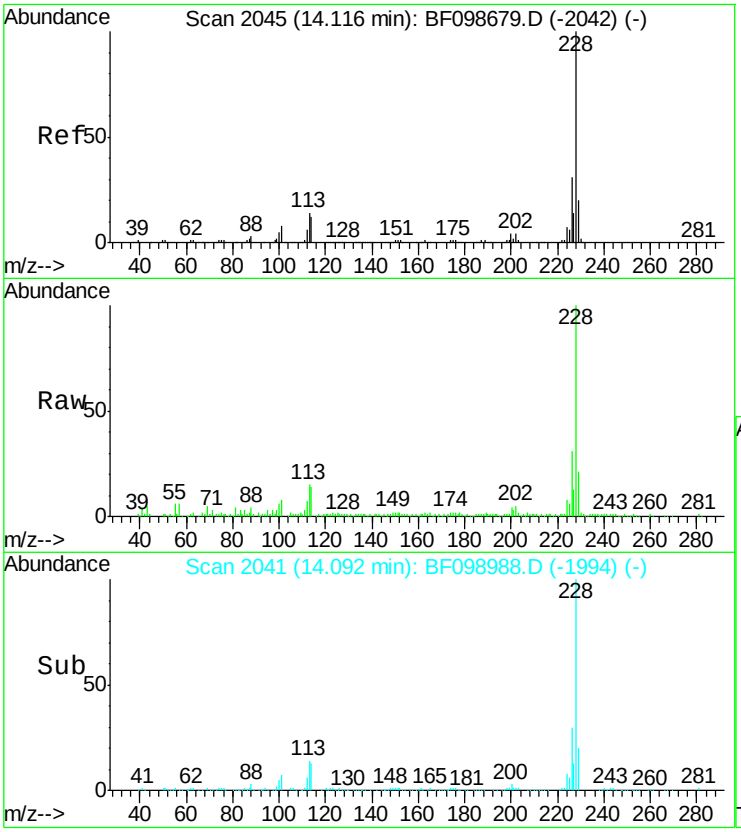


#80
Benzo(a)anthracene
Concen: 7.14 ng
RT: 14.09 min Scan# 2041
Delta R.T. 0.02 min
Lab File: BF098988.D
Acq: 1 Oct 2017 13:25

Tgt Ion:228 Resp: 107988

Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.6	33.8
229	21.3	15.8	23.6



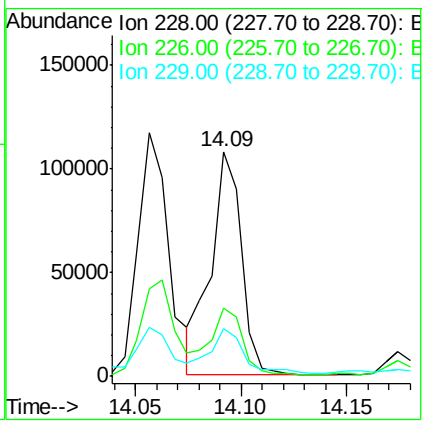


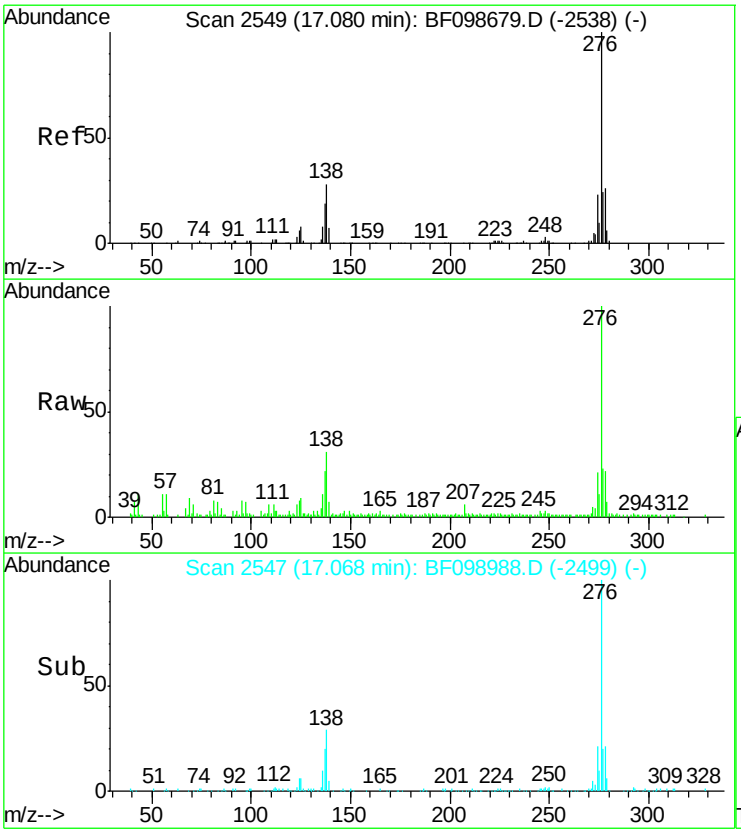
#82
Chrysene
Concen: 7.50 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.02 min
Lab File: BF098988.D
Acq: 1 Oct 2017 13:25

Instrument :
BNA_F
ClientSampleId :
CL-02-092717-C

Tgt Ion:228 Resp: 107988

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	21.3	16.2	24.4

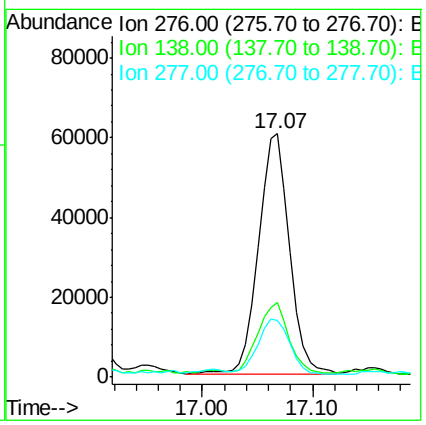


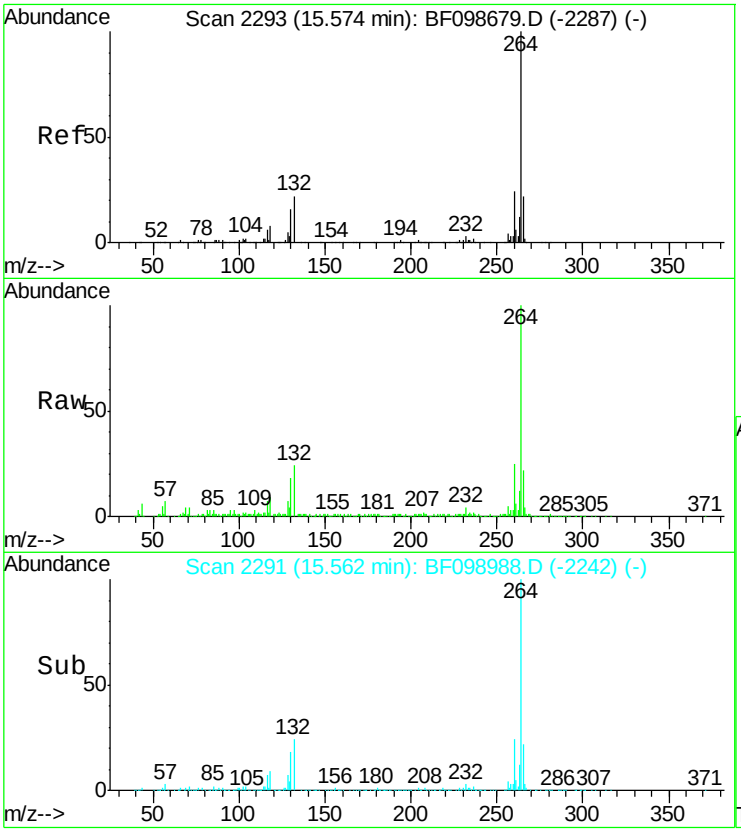


#85
Indeno(1,2,3-cd)pyrene
Concen: 10.23 ng
RT: 17.07 min Scan# 2547
Delta R.T. -0.02 min
Lab File: BF098988.D
Acq: 1 Oct 2017 13:25

Tgt Ion:276 Resp: 117743

Ion	Ratio	Lower	Upper
276	100		
138	28.9	25.0	37.6
277	23.9	20.1	30.1



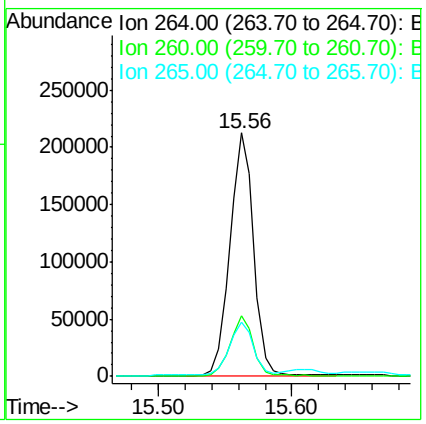


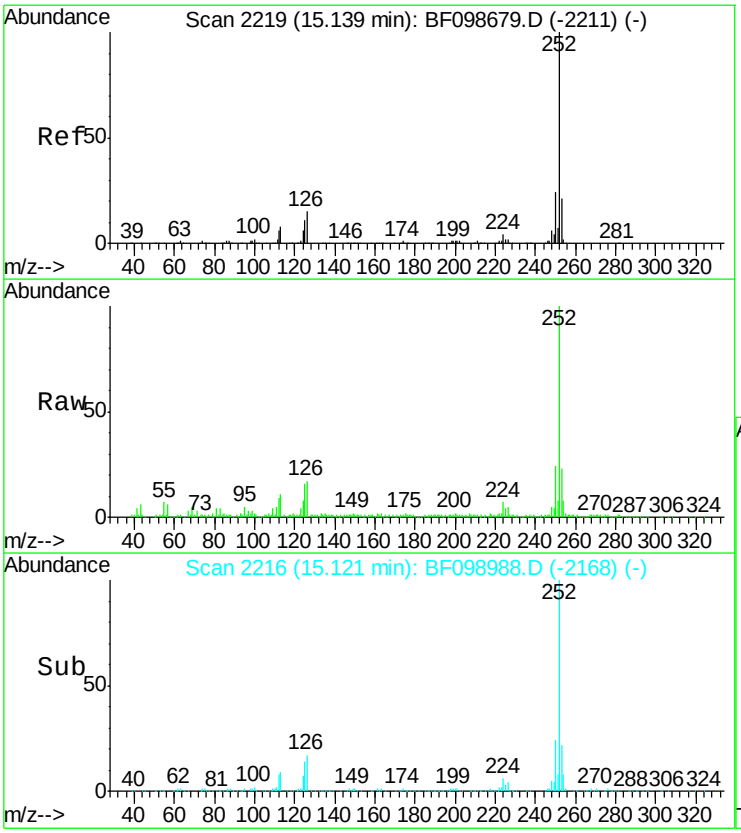
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF098988.D
Acq: 1 Oct 2017 13:25

Instrument :
BNA_F
ClientSampleId :
CL-02-092717-C

Tgt Ion:264 Resp: 262753

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.5	17.5	26.3

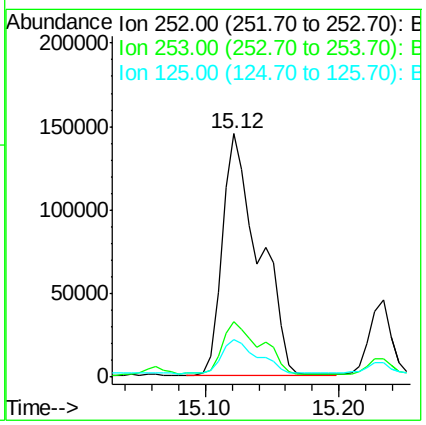


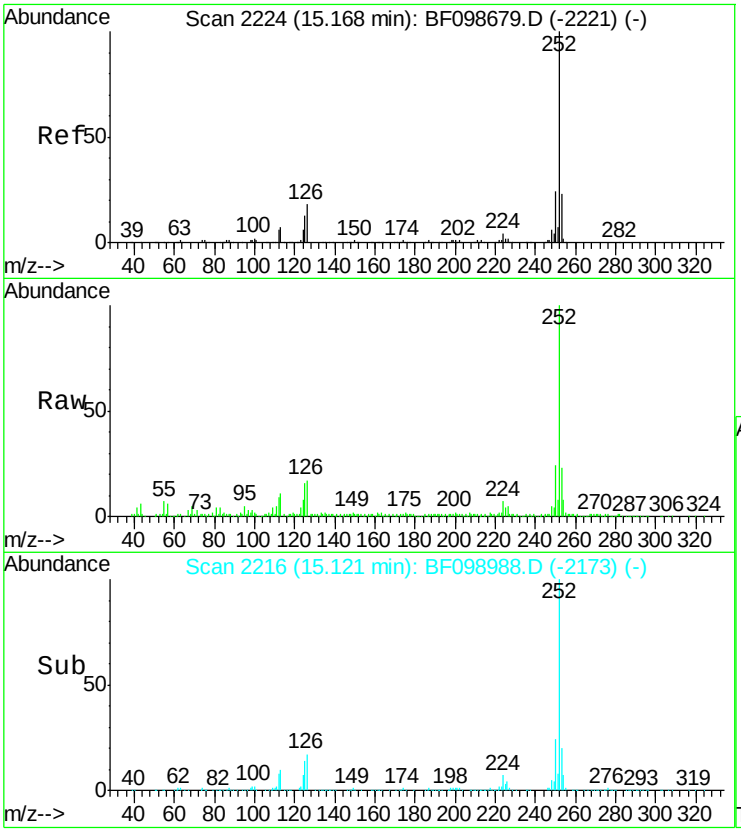


#87
Benzo(b)fluoranthene
Concen: 17.25 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.02 min
Lab File: BF098988.D
Acq: 1 Oct 2017 13:25

Tgt Ion:252 Resp: 278713

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	15.5	9.0	13.6#



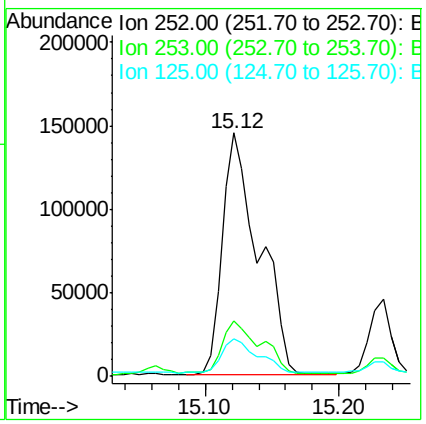


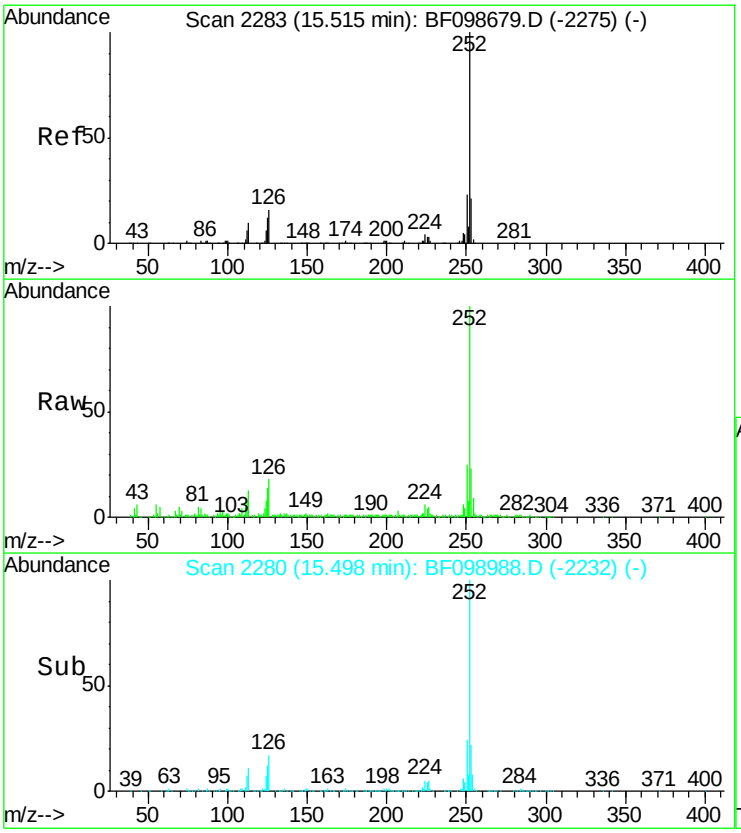
#88
Benzo(k)fluoranthene
Concen: 17.47 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.05 min
Lab File: BF098988.D
Acq: 1 Oct 2017 13:25

Instrument :
BNA_F
ClientSampleId :
CL-02-092717-C

Tgt Ion:252 Resp: 278713

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	15.5	10.2	15.2#

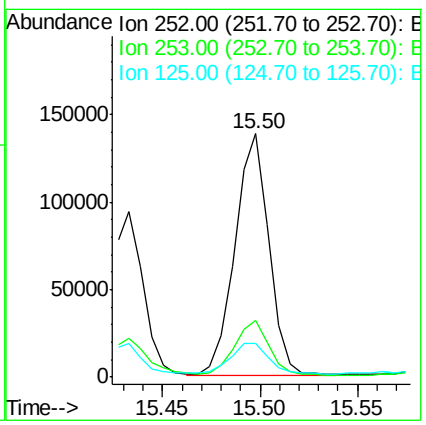


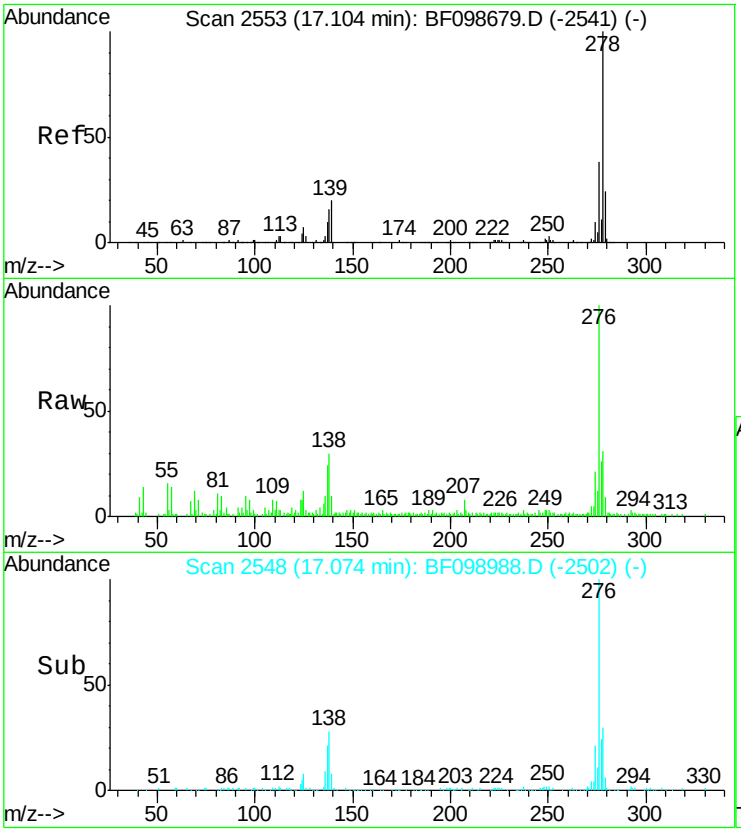


#89
Benzo(a)pyrene
Concen: 11.20 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.02 min
Lab File: BF098988.D
Acq: 1 Oct 2017 13:25

Tgt Ion:252 Resp: 166042

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	13.8	9.8	14.6



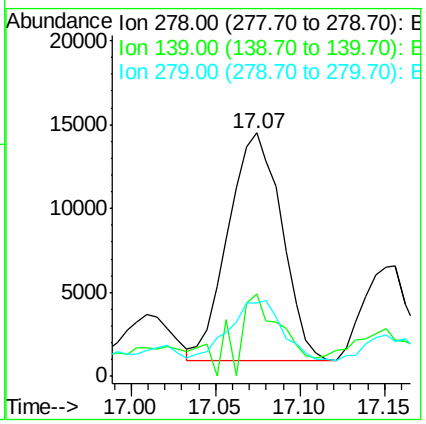


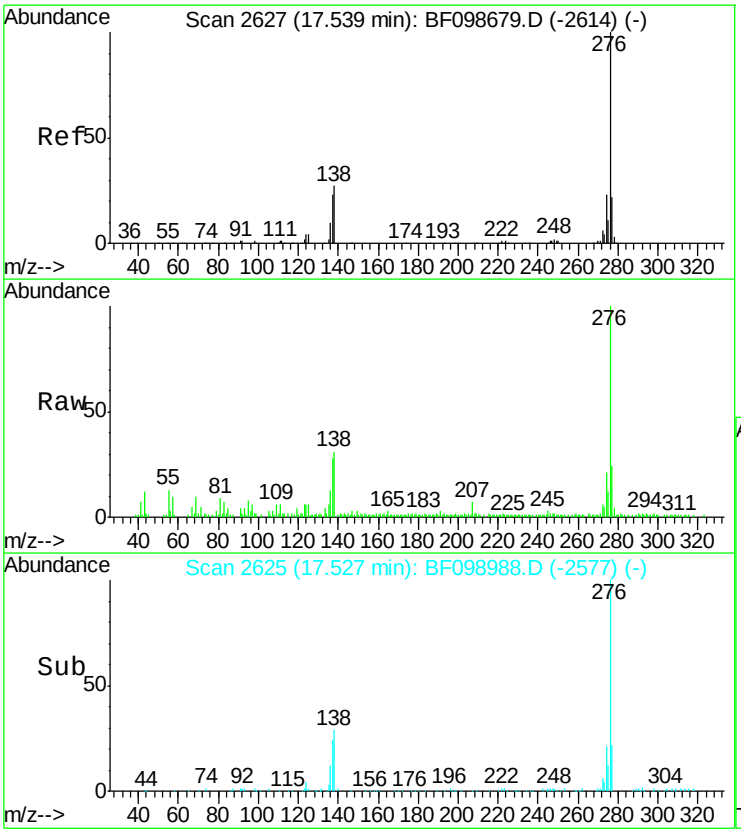
#90
Dibenzo(a,h)anthracene
Concen: 2.51 ng
RT: 17.07 min Scan# 2548
Delta R.T. -0.03 min
Lab File: BF098988.D
Acq: 1 Oct 2017 13:25

Instrument :
BNA_F
ClientSampleId :
CL-02-092717-C

Tgt Ion:278 Resp: 29745

Ion	Ratio	Lower	Upper
278	100		
139	34.0	15.9	23.9#
279	30.0	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 10.17 ng
RT: 17.53 min Scan# 2625
Delta R.T. -0.02 min
Lab File: BF098988.D
Acq: 1 Oct 2017 13:25

Tgt Ion:276 Resp: 119304

Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	31.4	21.8	32.8