Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099017.D
Acq On : 2 Oct 2017 23:20
Operator : SJ/JU
Sample : I5531-11 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 03 01:04:15 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	122158	20.00	ng		-0.02
21) Naphthalene-d8	8.19	136	452096	20.00	ng		-0.02
38) Acenaphthene-d10	9.95	164	168498	20.00	ng		-0.02
63) Phenanthrene-d10	11.43	188	256533	20.00	ng		-0.01
75) Chrysene-d12	14.07	240	254298	20.00	ng		-0.01
86) Perylene-d12	15.57	264	211729	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	19139	2.49	ng		-0.02
7) Phenol-d6	6.52	99	240914	25.45	ng		-0.02
23) Nitrobenzene-d5	7.46	82	361358	51.26	ng		-0.02
41) 2,4,6-Tribromophenol	10.73	330	1007	0.73	ng		-0.02
44) 2-Fluorobiphenyl	9.26	172	609403	60.38	ng		-0.02
78) Terphenyl-d14	13.02	244	447458	40.02	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.46	70	48552	8.03	ng	#	73
25) Isophorone	7.46	82	357770	24.55	ng	#	64
49) Dimethylphthalate	9.65	163	98439	7.74	ng	#	98
56) 2,4-Dinitrotoluene	9.95	165	21706	6.04	ng	#	24
70) Phenanthrene	11.45	178	62620	4.56	ng		97
74) Fluoranthene	12.64	202	68719	4.94	ng		99
77) Pyrene	12.87	202	65279	3.37	ng		98
82) Chrysene	14.10	228	29709	2.03	ng		97
87) Benzo(b)fluoranthene	15.12	252	37793	2.90	ng	#	60
88) Benzo(k)fluoranthene	15.12	252	37793	2.94	ng	#	63

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
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Acq On : 2 Oct 2017 23:20
Operator : SJ/JU
Sample : I5531-11 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 03 01:04:15 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
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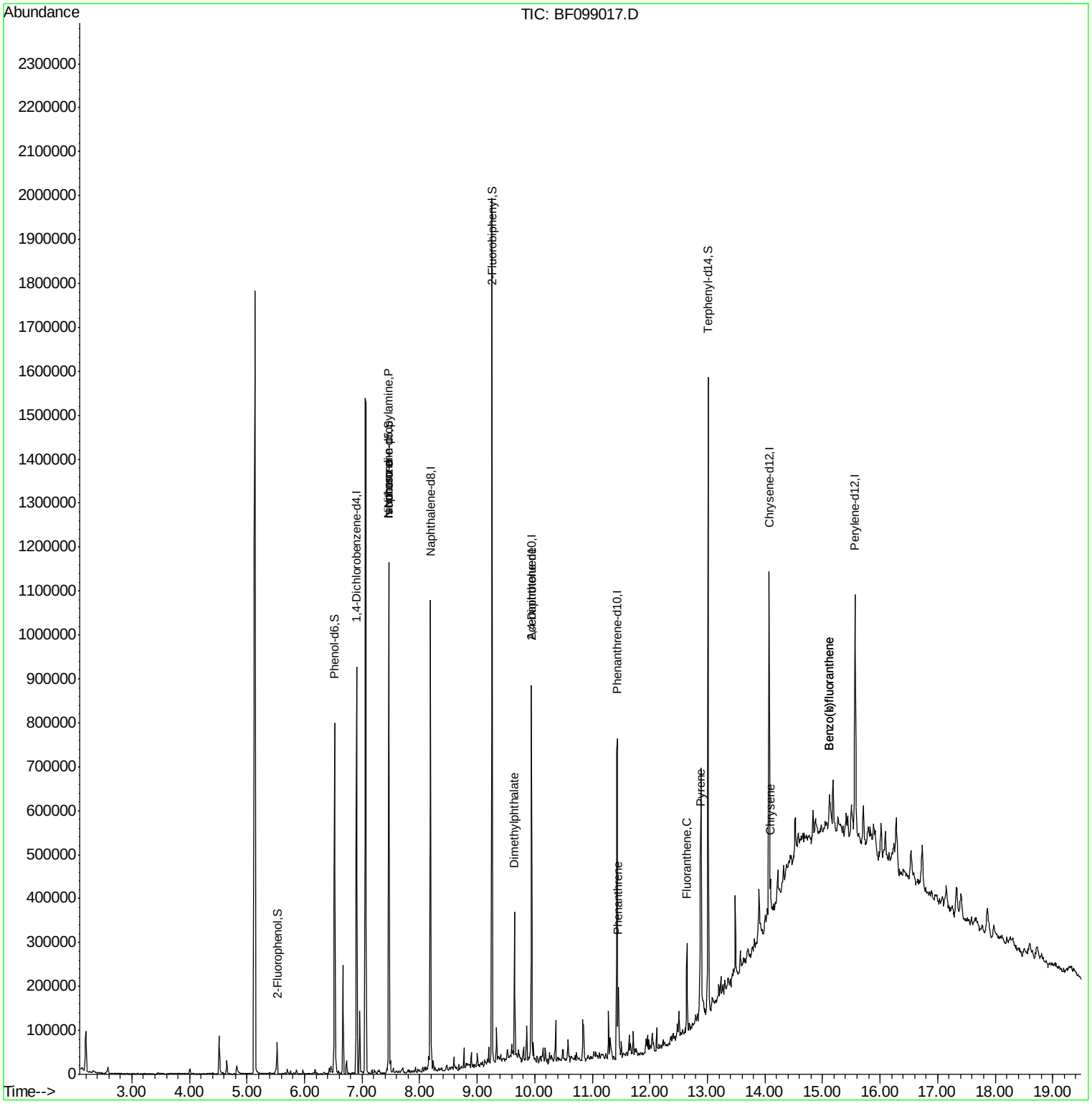
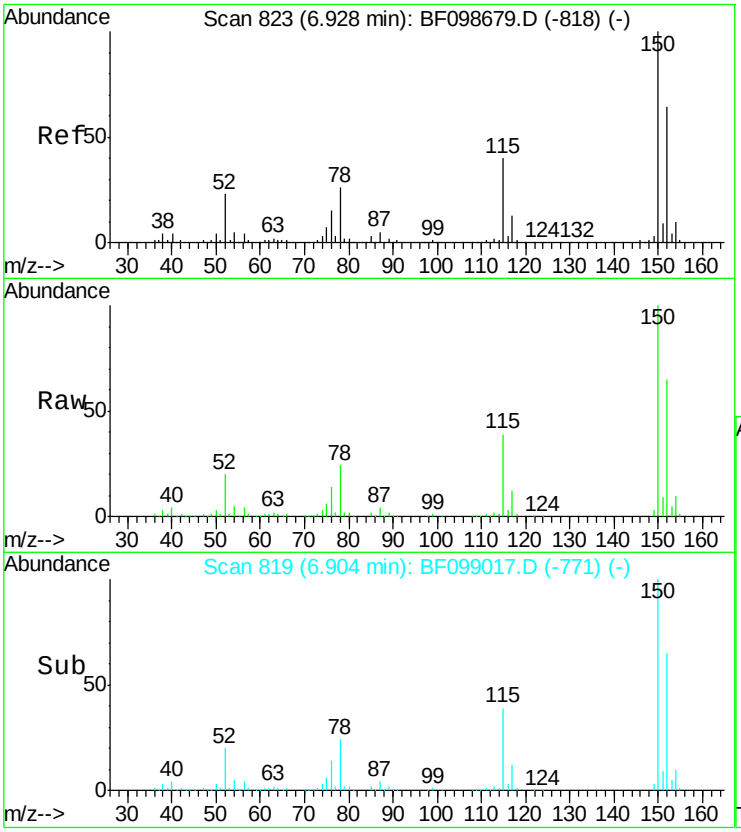


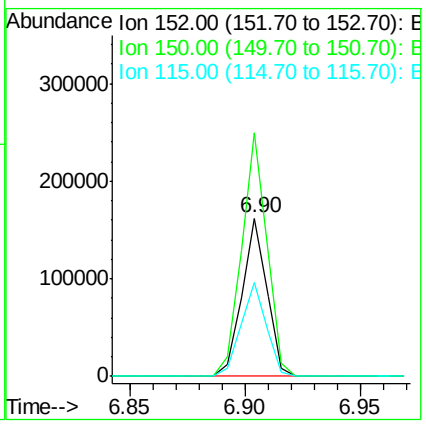


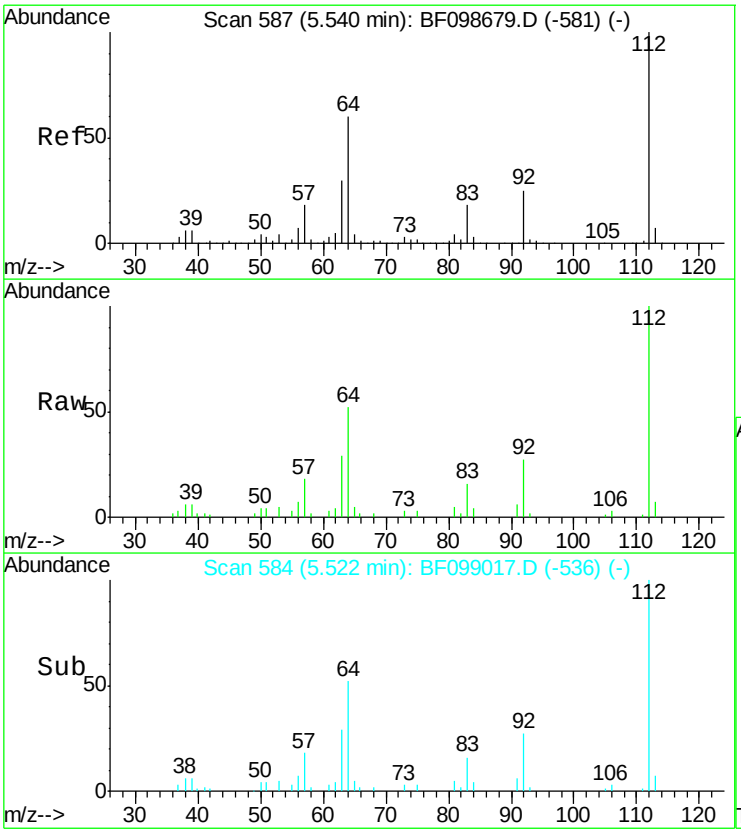
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF099017.D
Acq: 2 Oct 2017 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 122158

Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.6	186.8
115	59.7	50.1	75.1

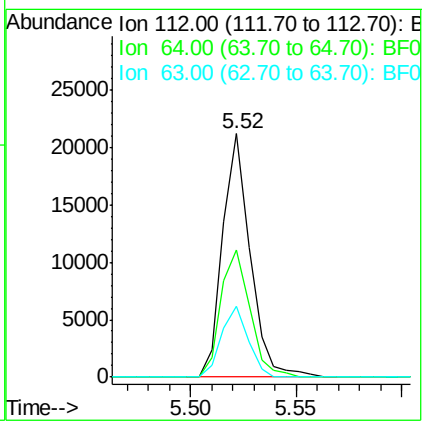


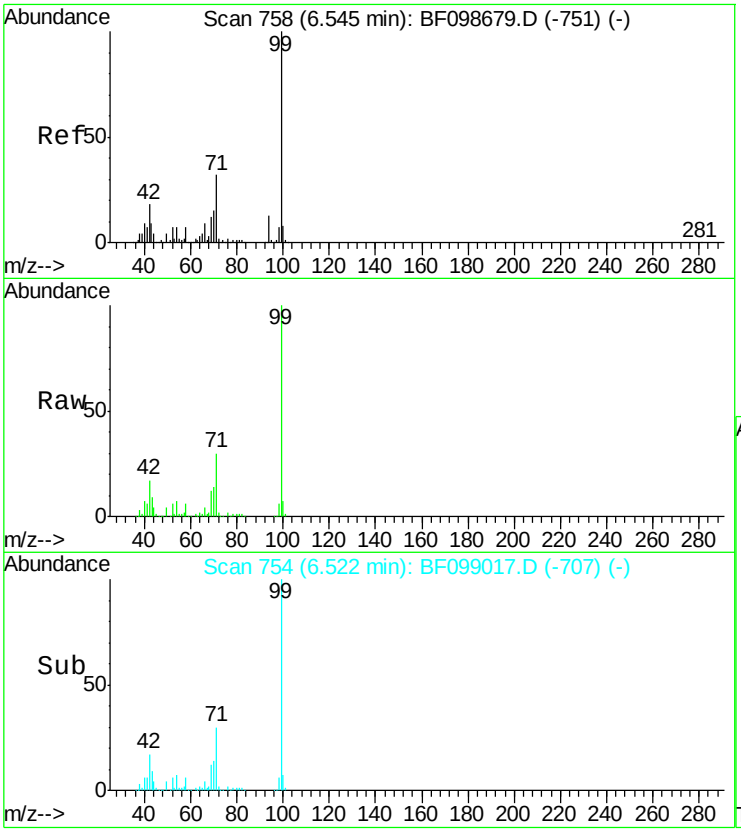


#5
2-Fluorophenol
Concen: 2.49 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.02 min
Lab File: BF099017.D
Acq: 2 Oct 2017 23:20

Tgt Ion:112 Resp: 19139

Ion	Ratio	Lower	Upper
112	100		
64	52.0	47.9	71.9
63	28.9	23.7	35.5



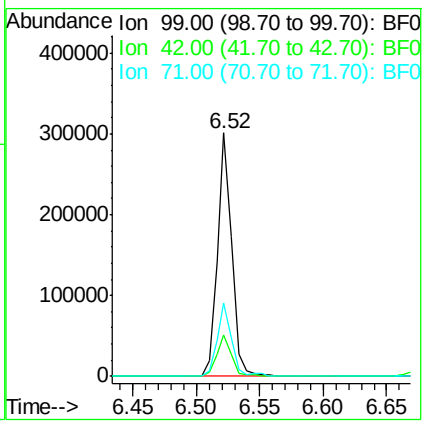


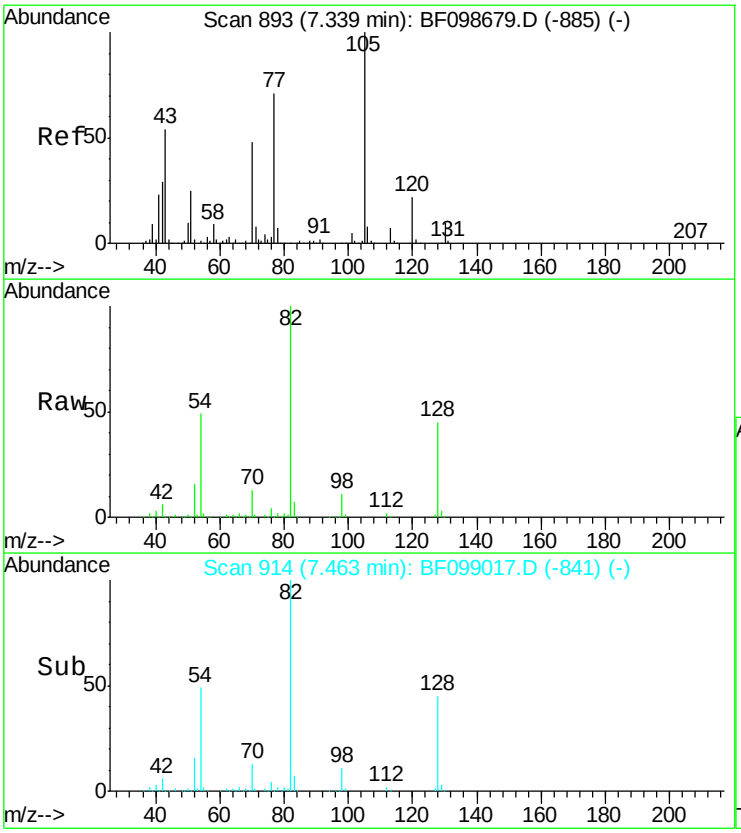
#7
Phenol-d6
Concen: 25.45 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.02 min
Lab File: BF099017.D
Acq: 2 Oct 2017 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 240914

Ion	Ratio	Lower	Upper
99	100		
42	16.8	14.5	21.7
71	30.4	25.4	38.0

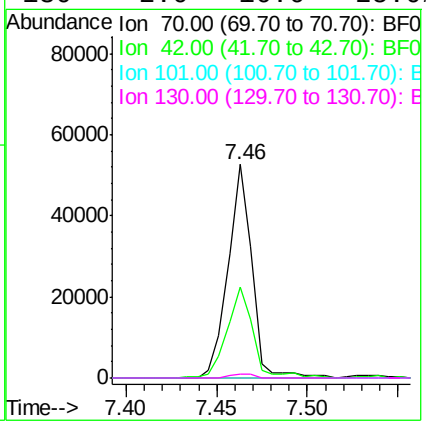


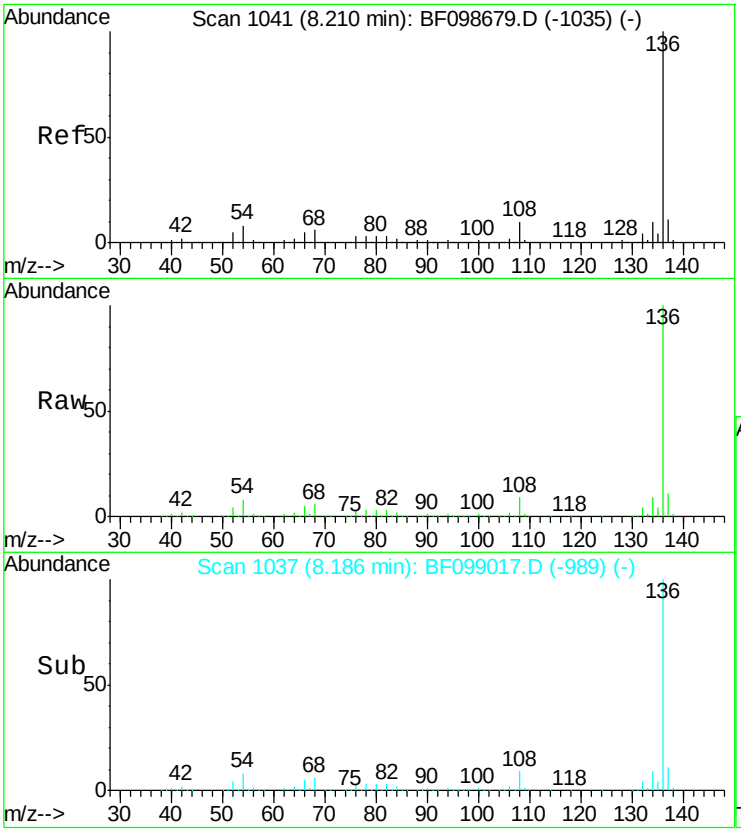


#19
n-Nitroso-di-n-propylamine
Concen: 8.03 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.13 min
Lab File: BF099017.D
Acq: 2 Oct 2017 23:20

Tgt Ion: 70 Resp: 48552

Ion	Ratio	Lower	Upper
70	100		
42	42.8	47.5	71.3#
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



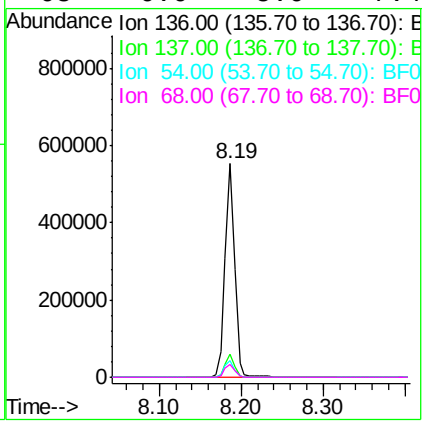


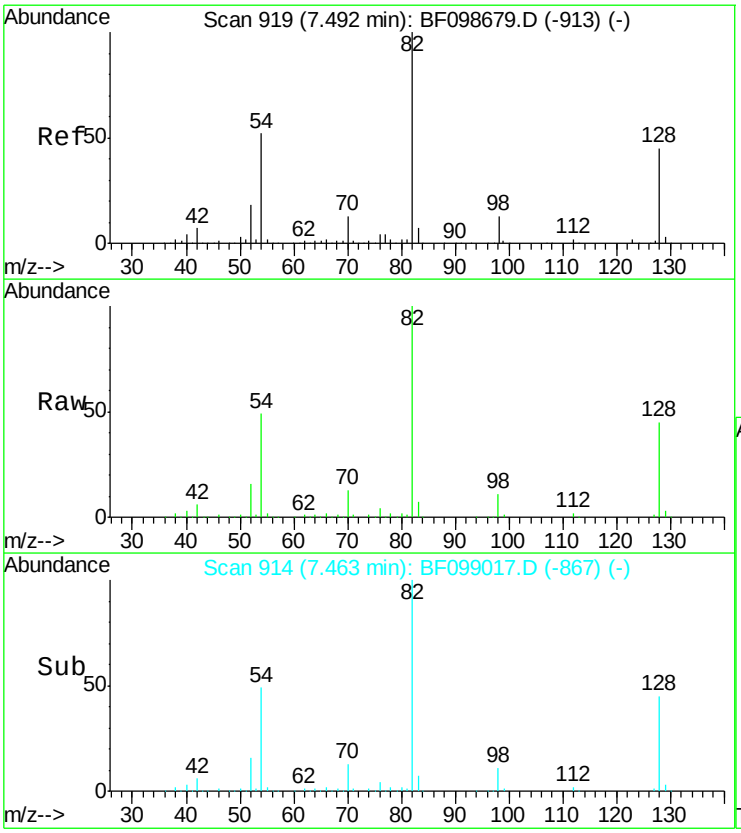
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF099017.D
Acq: 2 Oct 2017 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 452096

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.7	6.6	9.8
68	6.0	5.0	7.4

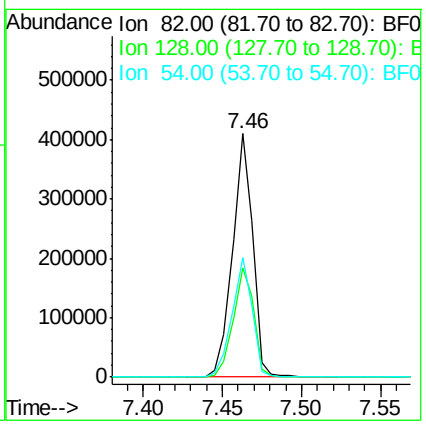


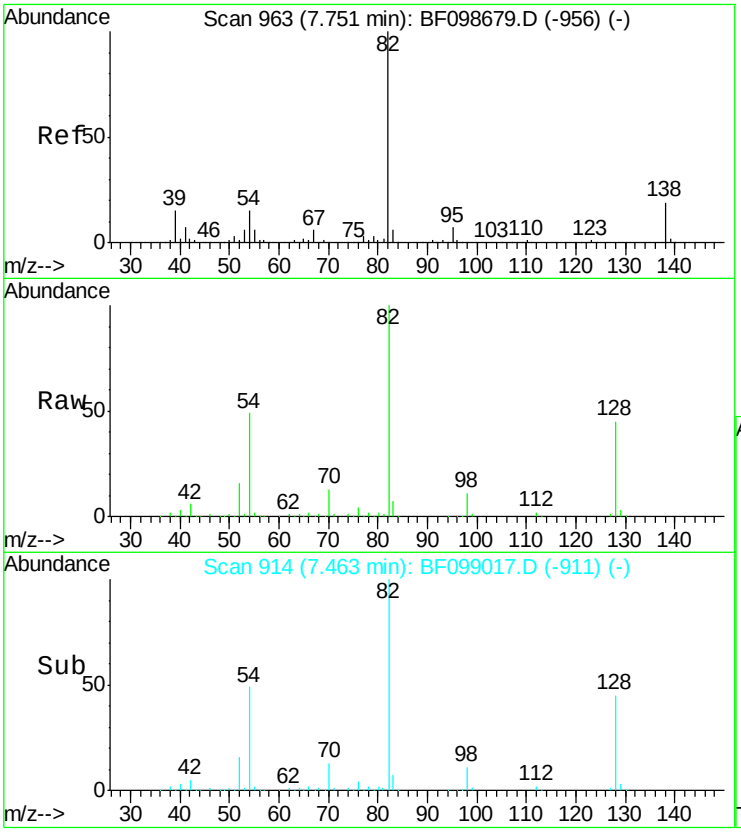


#23
Nitrobenzene-d5
Concen: 51.26 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.02 min
Lab File: BF099017.D
Acq: 2 Oct 2017 23:20

Tgt Ion: 82 Resp: 361358

Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.1	54.1
54	48.8	41.4	62.2



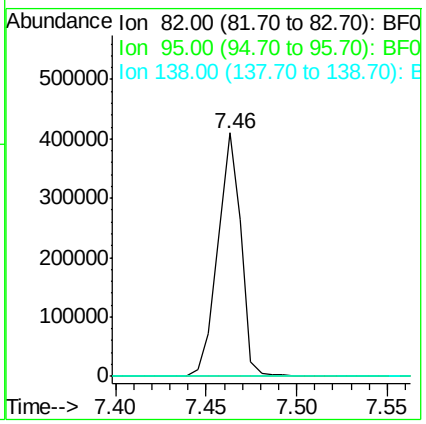


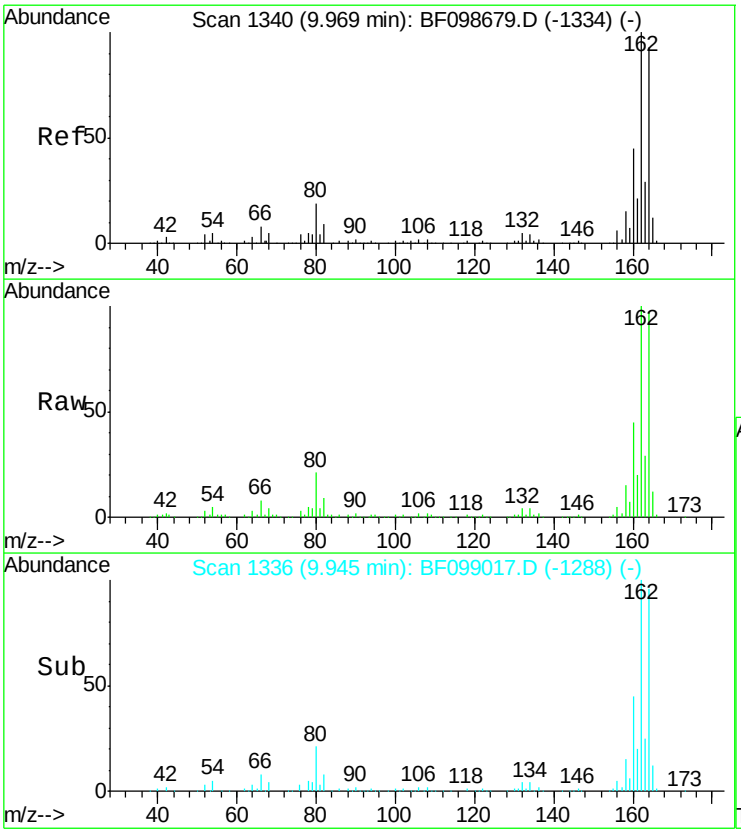
#25
Isophorone
Concen: 24.55 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.28 min
Lab File: BF099017.D
Acq: 2 Oct 2017 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 357770

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

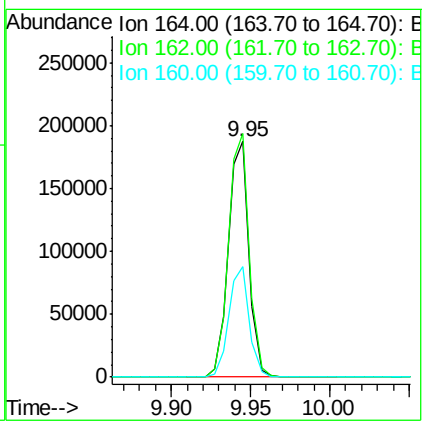


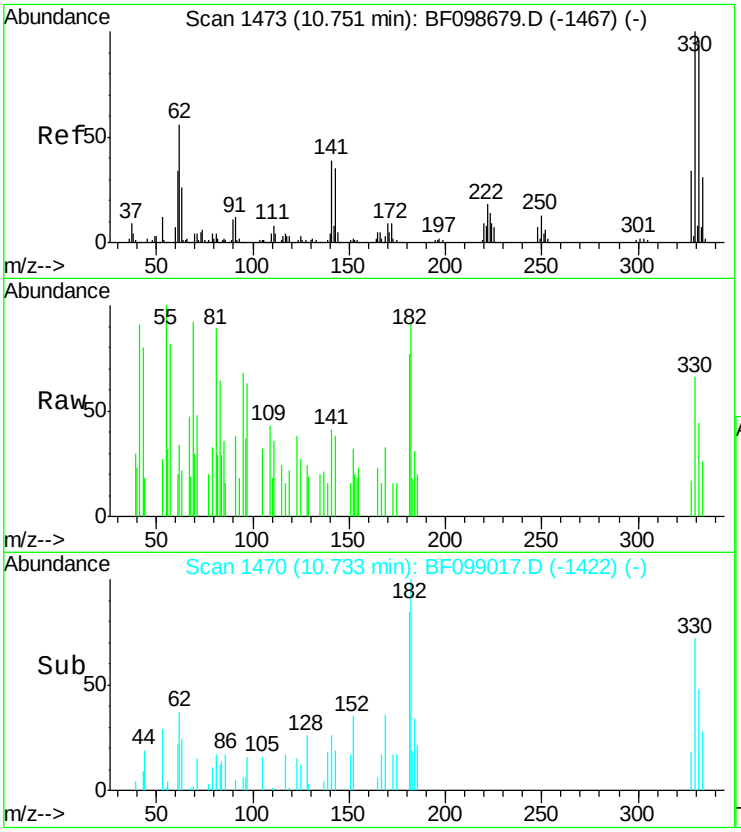


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF099017.D
Acq: 2 Oct 2017 23:20

Tgt Ion:164 Resp: 168498

Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	46.8	38.3	57.5



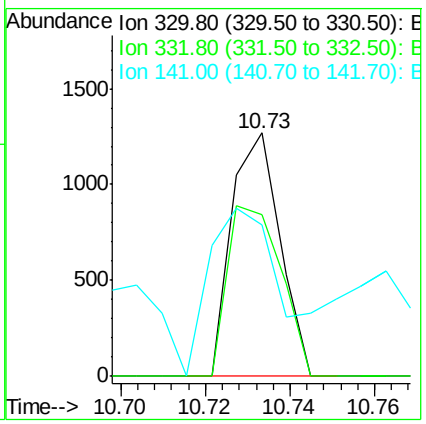


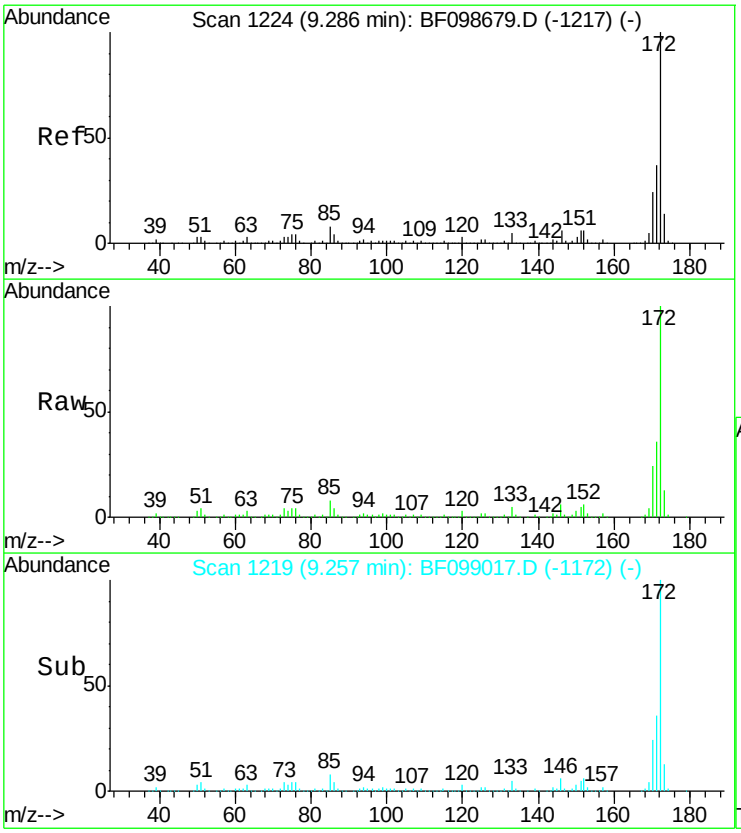
#41
2,4,6-Tribromophenol
Concen: 0.73 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.02 min
Lab File: BF099017.D
Acq: 2 Oct 2017 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 1007

Ion	Ratio	Lower	Upper
330	100		
332	77.7	77.0	115.6
141	104.9	29.9	44.9#

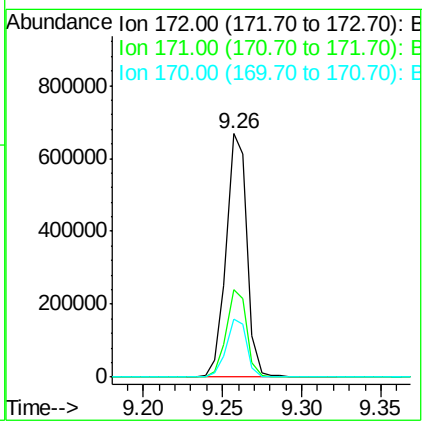


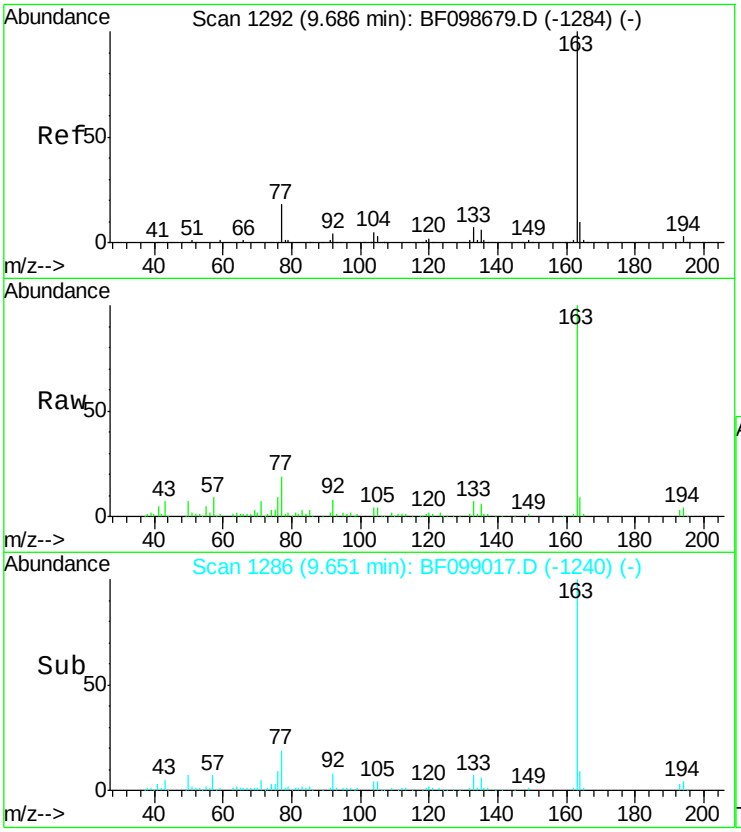


#44
2-Fluorobiphenyl
Concen: 60.38 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.02 min
Lab File: BF099017.D
Acq: 2 Oct 2017 23:20

Tgt Ion:172 Resp: 609403

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.0	19.6	29.4



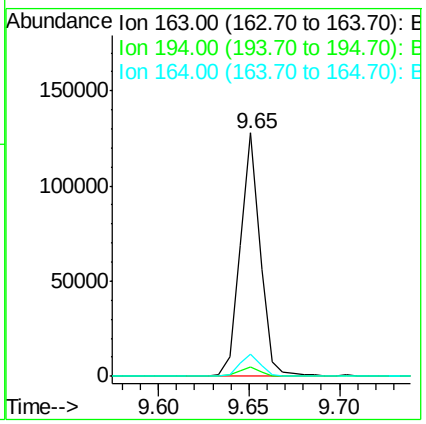


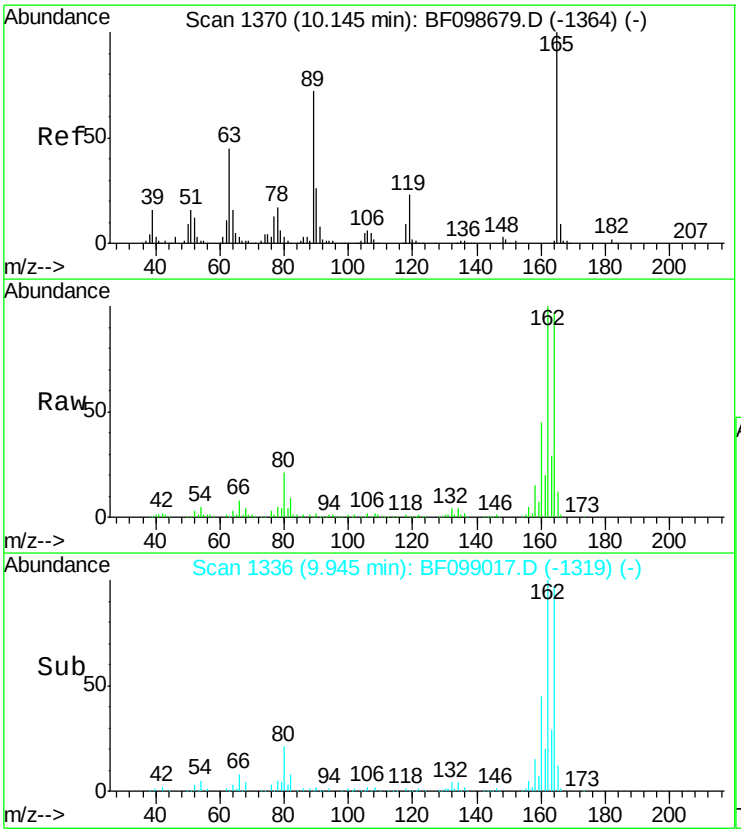
#49
Dimethylphthalate
Concen: 7.74 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.03 min
Lab File: BF099017.D
Acq: 2 Oct 2017 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 98439

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	9.3	8.2	12.2

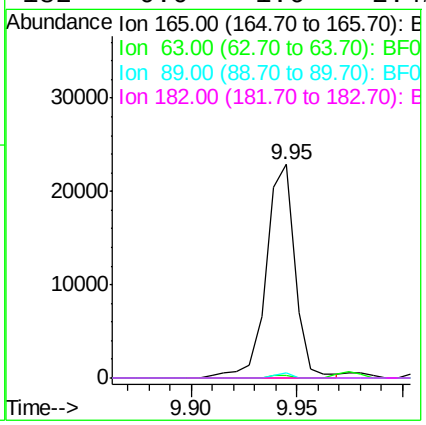


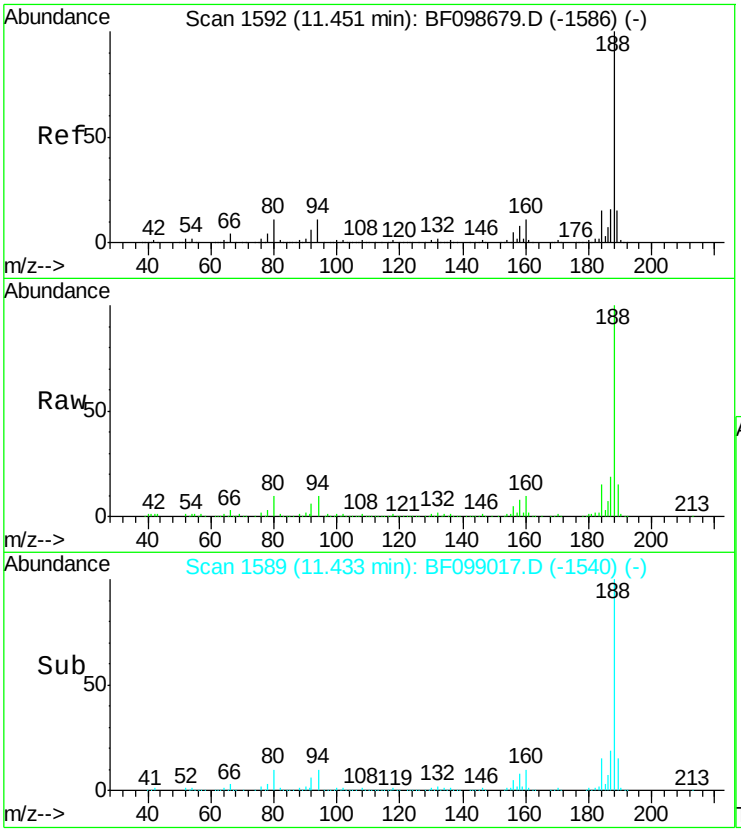


#56
2,4-Dinitrotoluene
Concen: 6.04 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.20 min
Lab File: BF099017.D
Acq: 2 Oct 2017 23:20

Tgt Ion:165 Resp: 21706

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	2.3	57.8	86.6#
182	0.0	1.6	2.4#



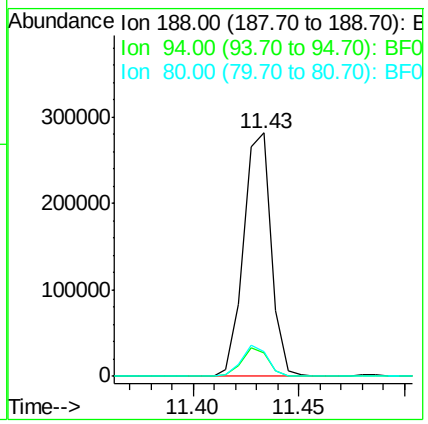


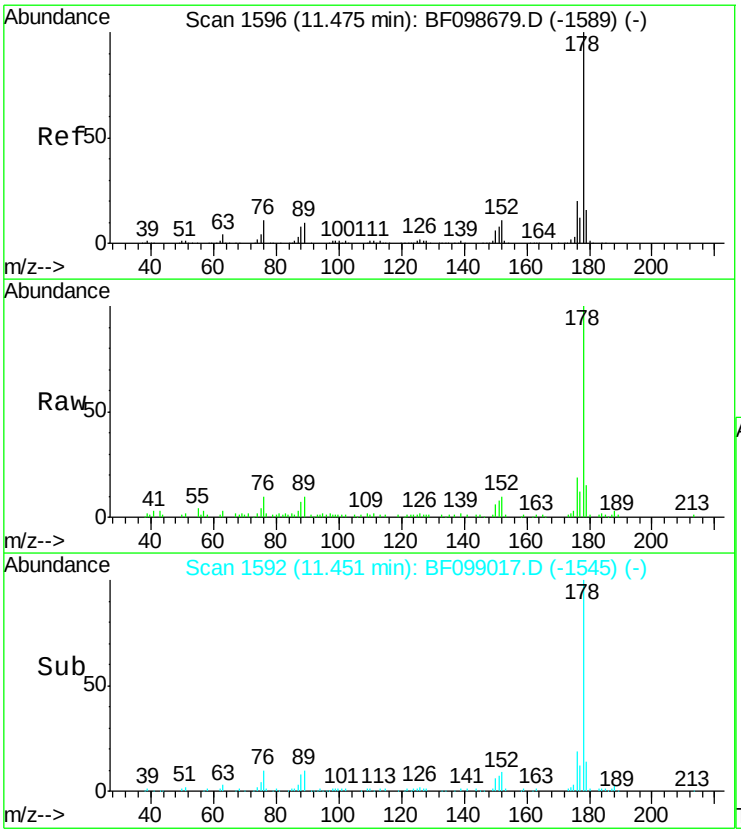
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF099017.D
Acq: 2 Oct 2017 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 256533

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.4	9.2	13.8

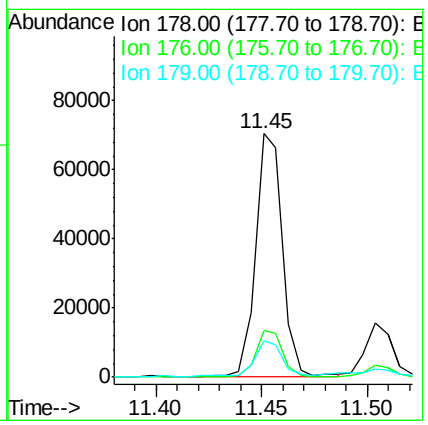


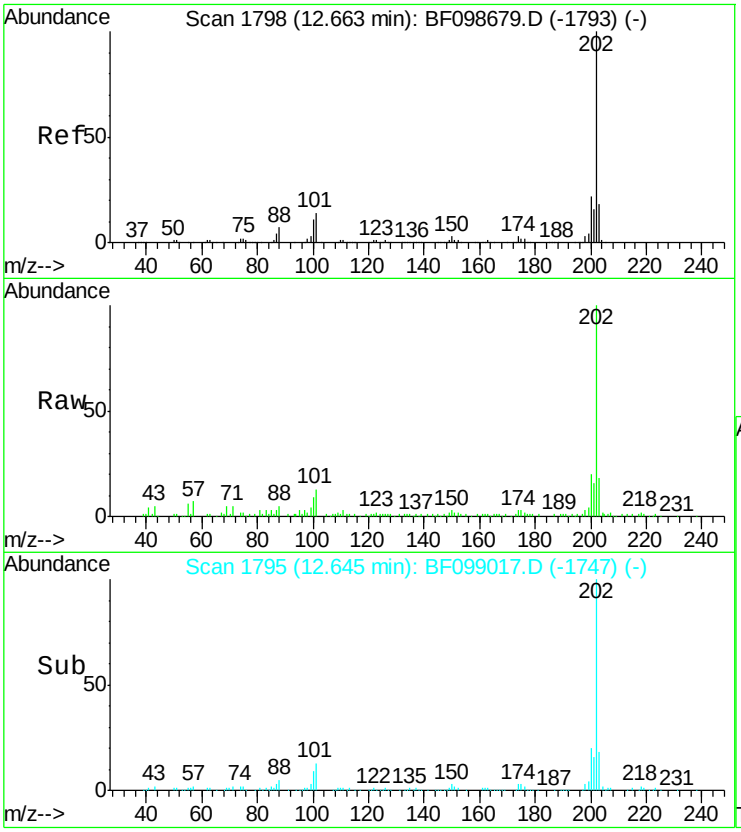


#70
Phenanthrene
Concen: 4.56 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.02 min
Lab File: BF099017.D
Acq: 2 Oct 2017 23:20

Tgt Ion:178 Resp: 62620

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.0	13.0	19.6



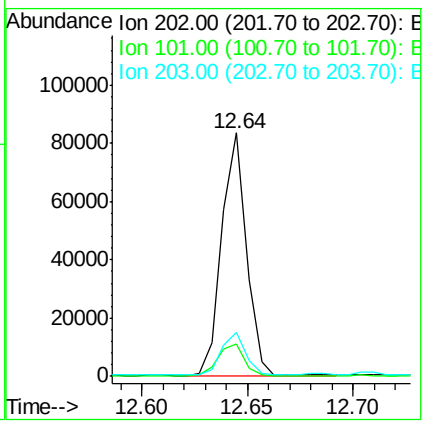


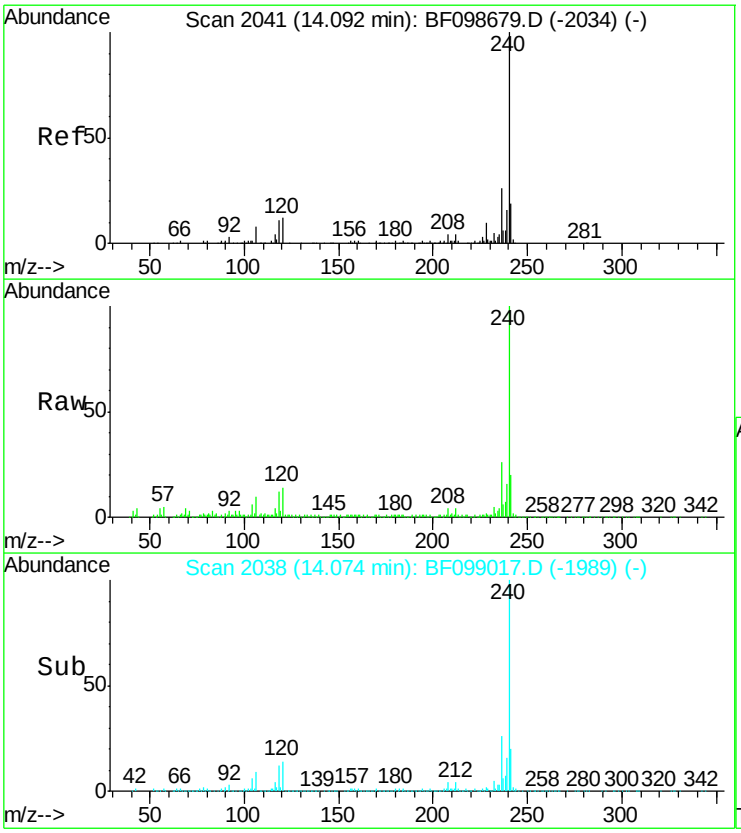
#74
Fluoranthene
Concen: 4.94 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.02 min
Lab File: BF099017.D
Acq: 2 Oct 2017 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 68719

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	34.1
203	18.0	0.0	38.1

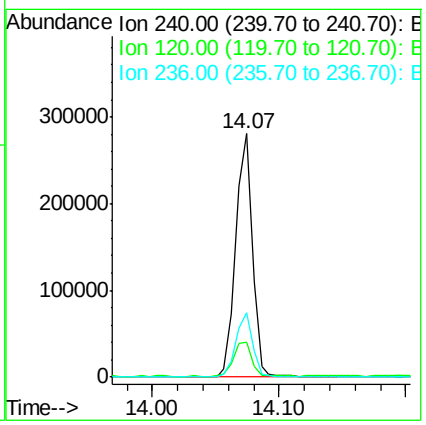


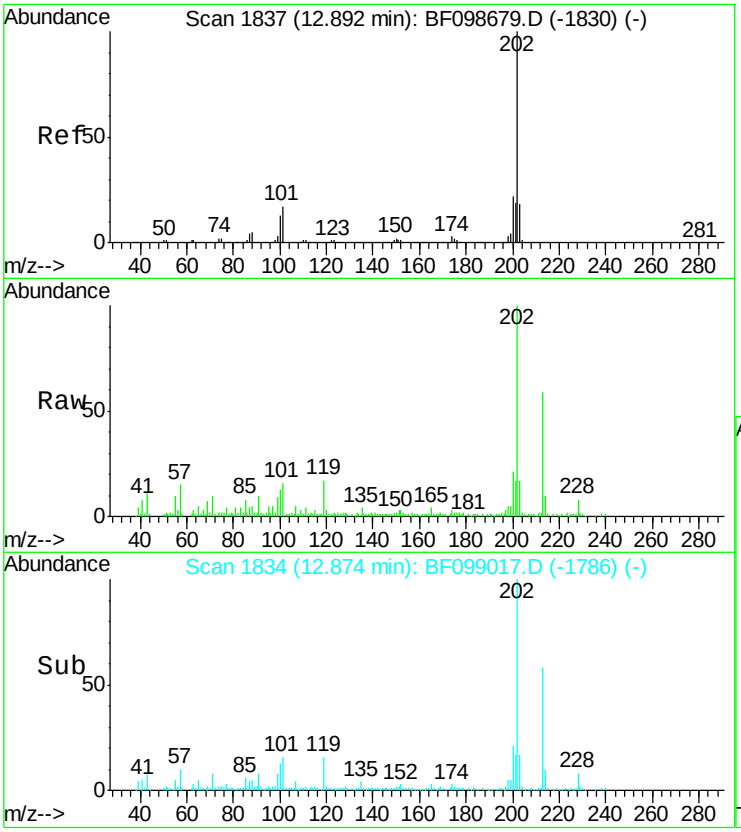


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF099017.D
Acq: 2 Oct 2017 23:20

Tgt Ion:240 Resp: 254298

Ion	Ratio	Lower	Upper
240	100		
120	14.4	9.5	14.3#
236	26.4	20.7	31.1



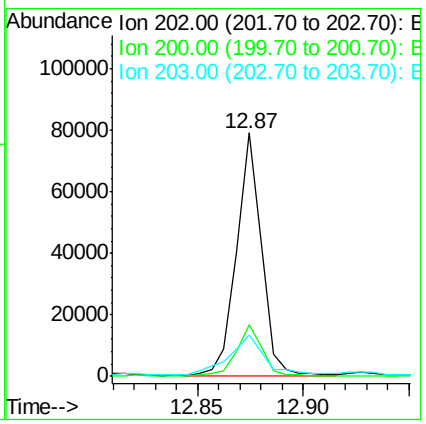


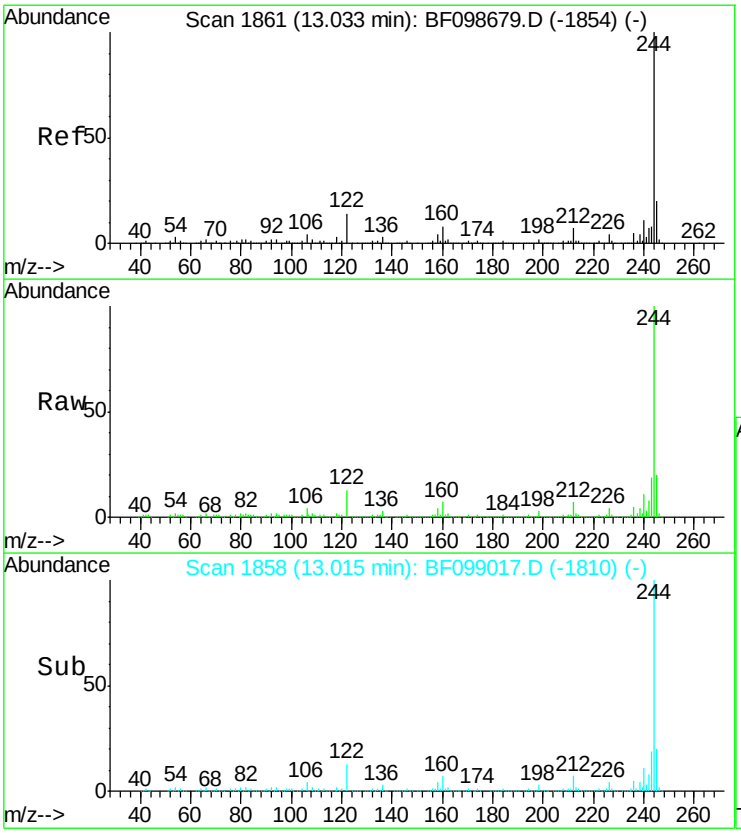
#77
Pyrene
Concen: 3.37 ng
RT: 12.87 min Scan# 1834
Delta R.T. -0.02 min
Lab File: BF099017.D
Acq: 2 Oct 2017 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 65279

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.2	14.3	21.5

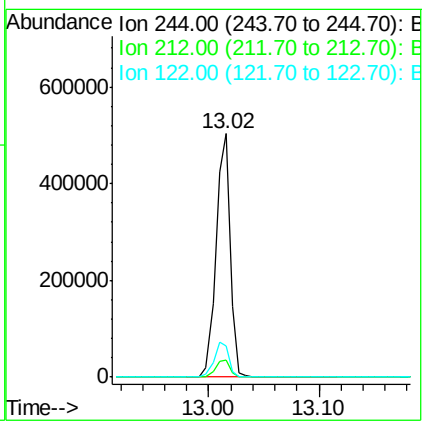


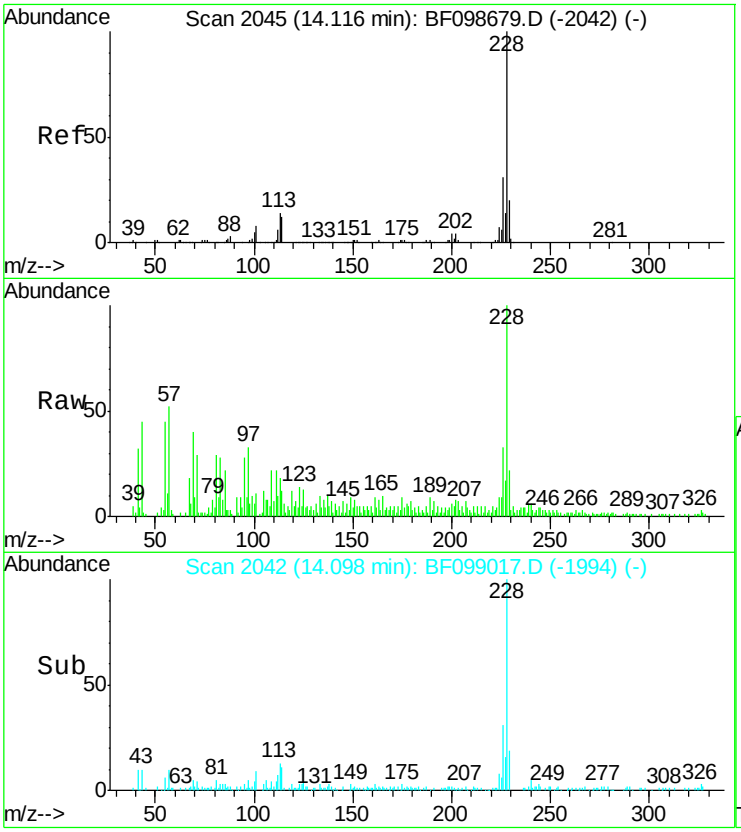


#78
Terphenyl-d14
Concen: 40.02 ng
RT: 13.02 min Scan# 1858
Delta R.T. -0.02 min
Lab File: BF099017.D
Acq: 2 Oct 2017 23:20

Tgt Ion:244 Resp: 447458

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.8	11.0	16.4



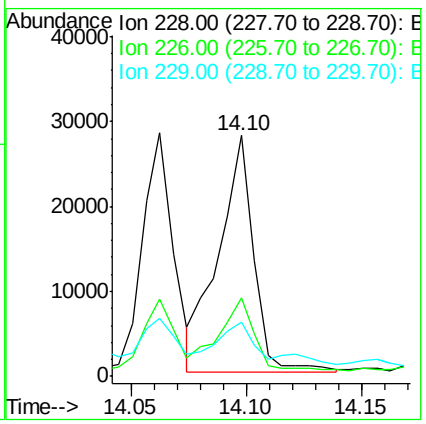


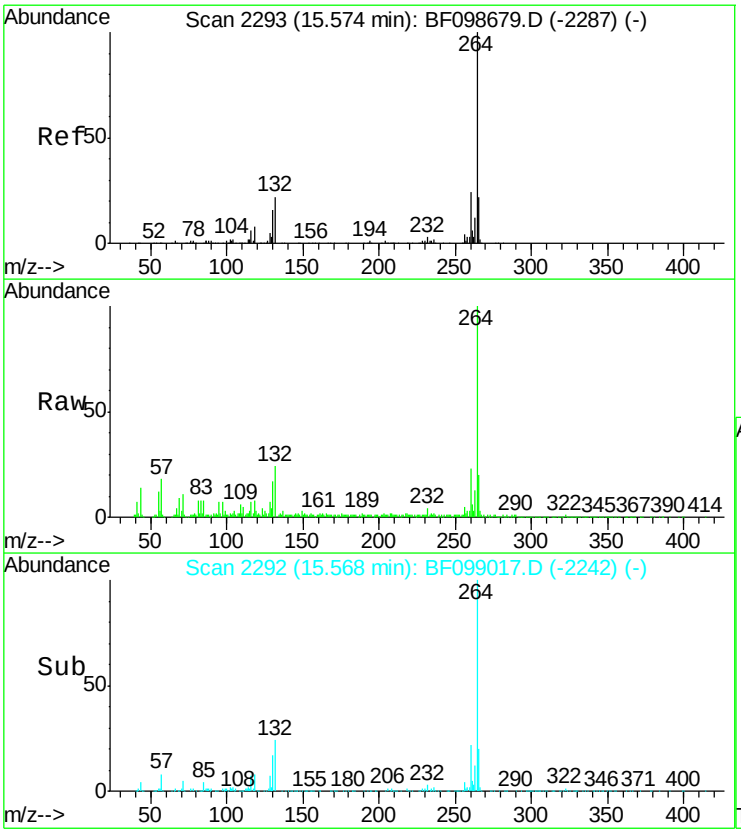
#82
Chrysene
Concen: 2.03 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.02 min
Lab File: BF099017.D
Acq: 2 Oct 2017 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 29709

Ion	Ratio	Lower	Upper
228	100		
226	32.8	25.0	37.6
229	22.4	16.2	24.4

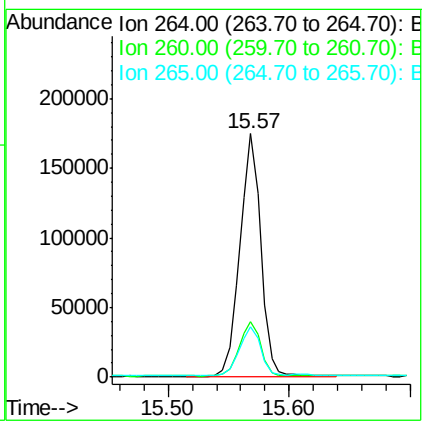


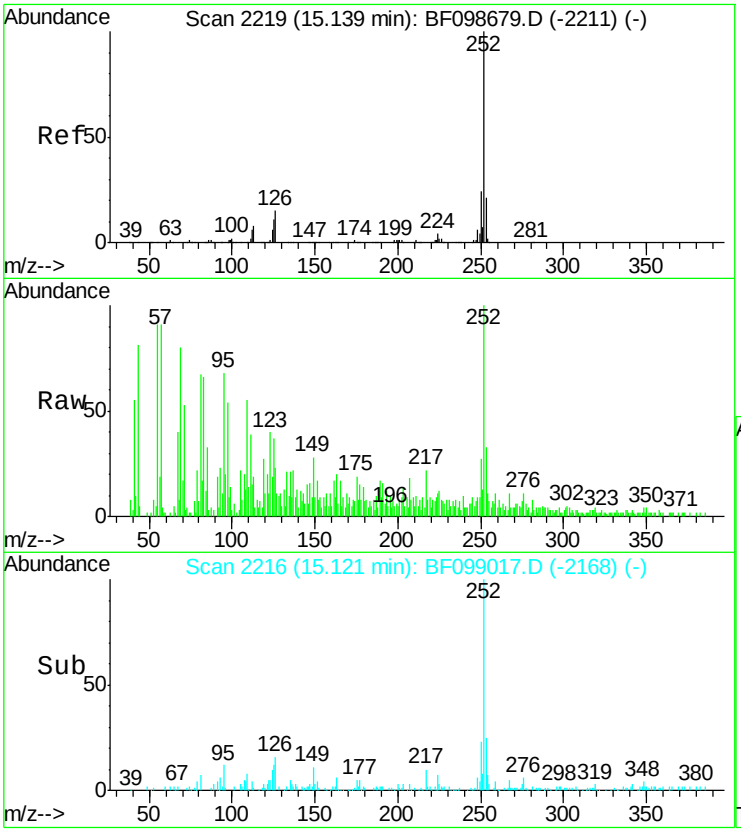


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BF099017.D
Acq: 2 Oct 2017 23:20

Tgt Ion:264 Resp: 211729

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	20.4	17.5	26.3



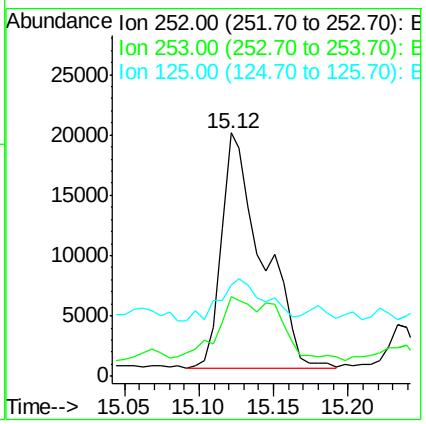


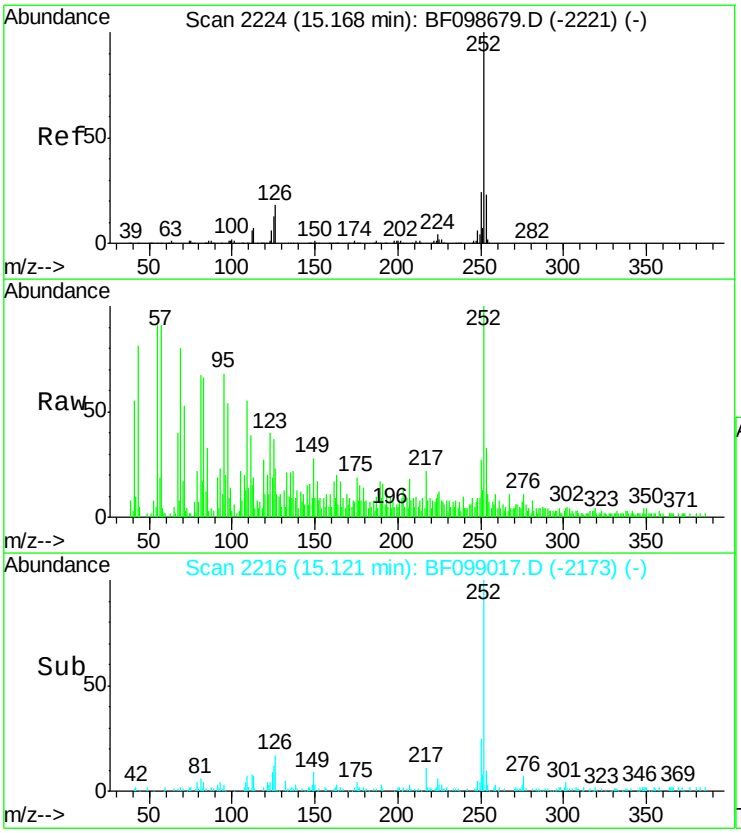
#87
Benzo(b)fluoranthene
Concen: 2.90 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.02 min
Lab File: BF099017.D
Acq: 2 Oct 2017 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 37793

Ion	Ratio	Lower	Upper
252	100		
253	32.9	17.0	25.6#
125	37.3	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 2.94 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.05 min
Lab File: BF099017.D
Acq: 2 Oct 2017 23:20

Tgt Ion:252 Resp: 37793

Ion	Ratio	Lower	Upper
252	100		
253	32.9	17.9	26.9#
125	37.3	10.2	15.2#