Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
Data File : BF098929.D
Acq On : 29 Sep 2017 1:44
Operator : SJ/JU
Sample : I5457-13 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 29 02:49:53 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	6.92	152	135189	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	482416	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	173961	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	265666	20.00	ng		0.00
75) Chrysene-d12	14.09	240	256317	20.00	ng		0.00
86) Perylene-d12	15.58	264	217984	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	166079	19.56	ng		-0.01
7) Phenol-d6	6.53	99	199380	19.03	ng		-0.01
23) Nitrobenzene-d5	7.47	82	113952	15.15	ng		-0.02
41) 2,4,6-Tribromophenol	10.74	330	22103	15.53	ng		-0.01
44) 2-Fluorobiphenyl	9.27	172	193704	18.59	ng		-0.01
78) Terphenyl-d14	13.02	244	137635	12.21	ng		-0.01
Target Compounds							Qvalue
49) Dimethylphthalate	9.66	163	36819	2.80	ng	#	99
50) 2,6-Dinitrotoluene	9.95	165	23006	8.05	ng	#	26
56) 2,4-Dinitrotoluene	9.95	165	23006	6.20	ng	#	23
70) Phenanthrene	11.46	178	215650	15.16	ng		98
71) Anthracene	11.52	178	55563	3.82	ng		98
74) Fluoranthene	12.66	202	431218	29.95	ng		98
77) Pyrene	12.89	202	424450	21.72	ng		99
80) Benzo(a)anthracene	14.07	228	238646	15.38	ng		100
82) Chrysene	14.11	228	219353	14.84	ng		98
85) Indeno(1,2,3-cd)pyrene	17.08	276	71949	6.09	ng		98
87) Benzo(b)fluoranthene	15.14	252	315835	23.57	ng	#	96
88) Benzo(k)fluoranthene	15.14	252	315835	23.86	ng		98
89) Benzo(a)pyrene	15.52	252	160422	13.04	ng		97
91) Benzo(g,h,i)perylene	17.54	276	69893	7.18	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
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Instrument :
BNA_F
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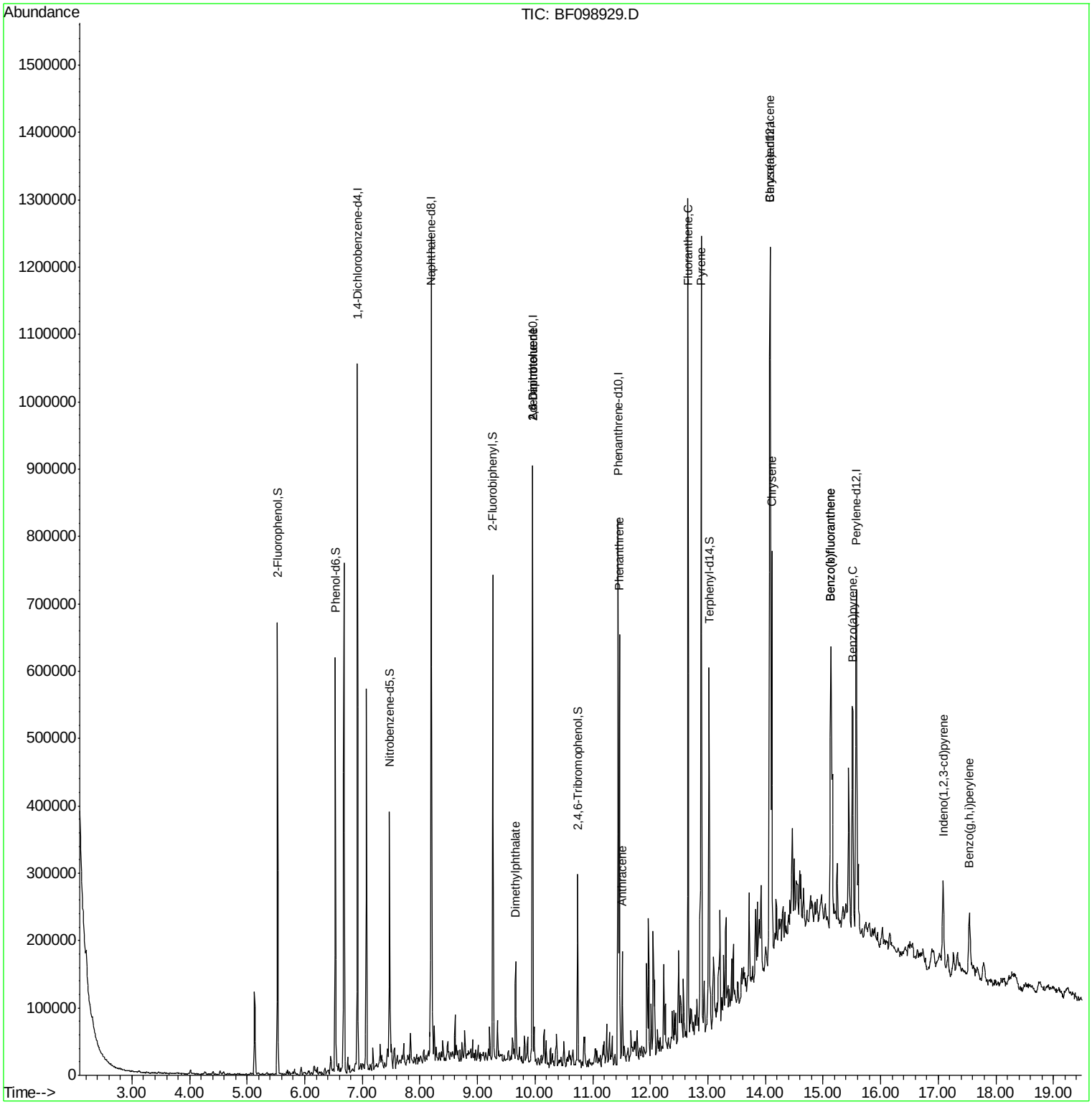
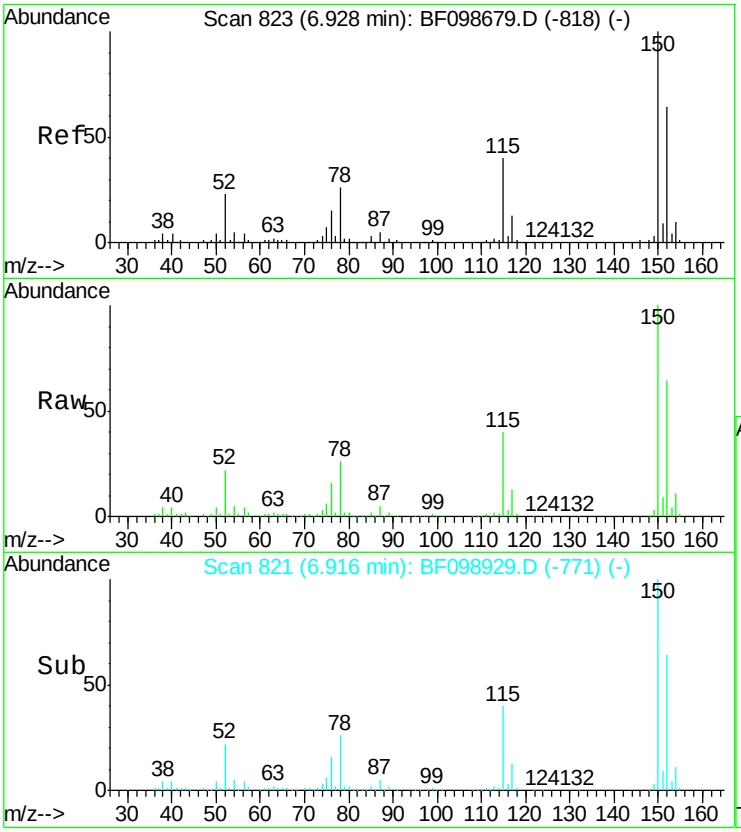
Response via : Initial Calibration



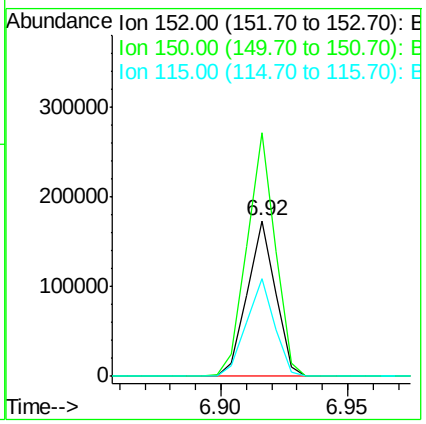


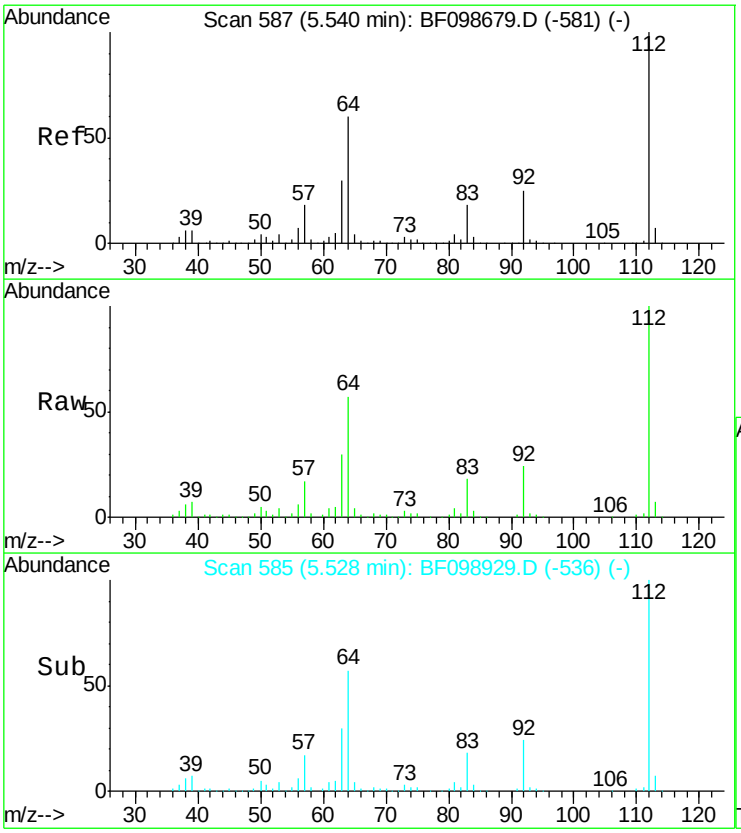
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098929.D
Acq: 29 Sep 2017 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 135189

Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	62.5	50.1	75.1

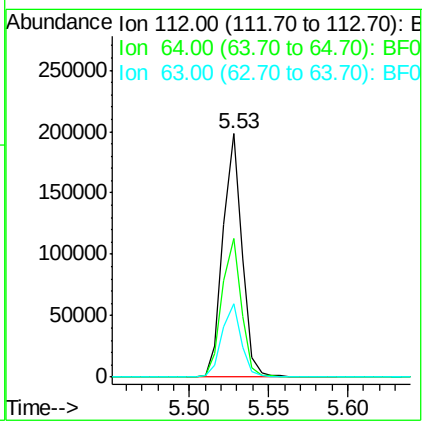


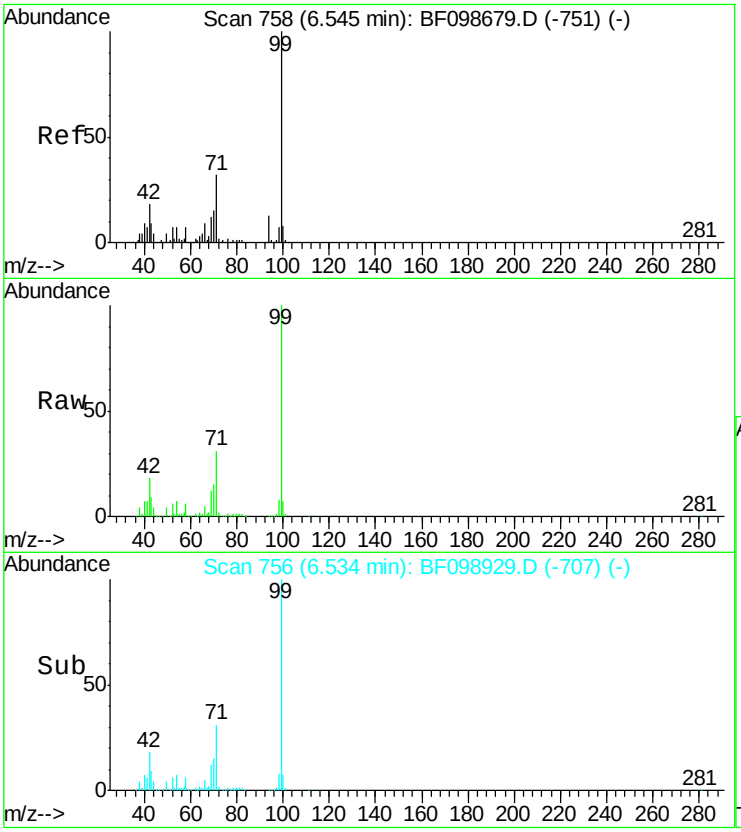


#5
2-Fluorophenol
Concen: 19.56 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF098929.D
Acq: 29 Sep 2017 1:44

Tgt Ion:112 Resp: 166079

Ion	Ratio	Lower	Upper
112	100		
64	56.7	47.9	71.9
63	30.1	23.7	35.5



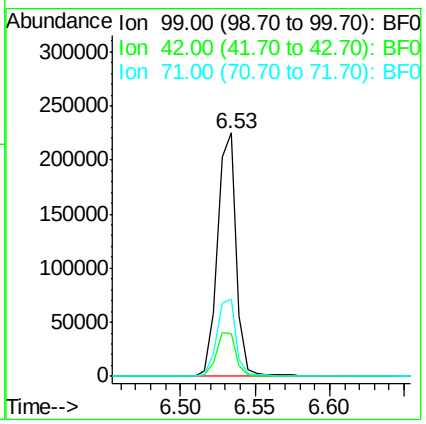


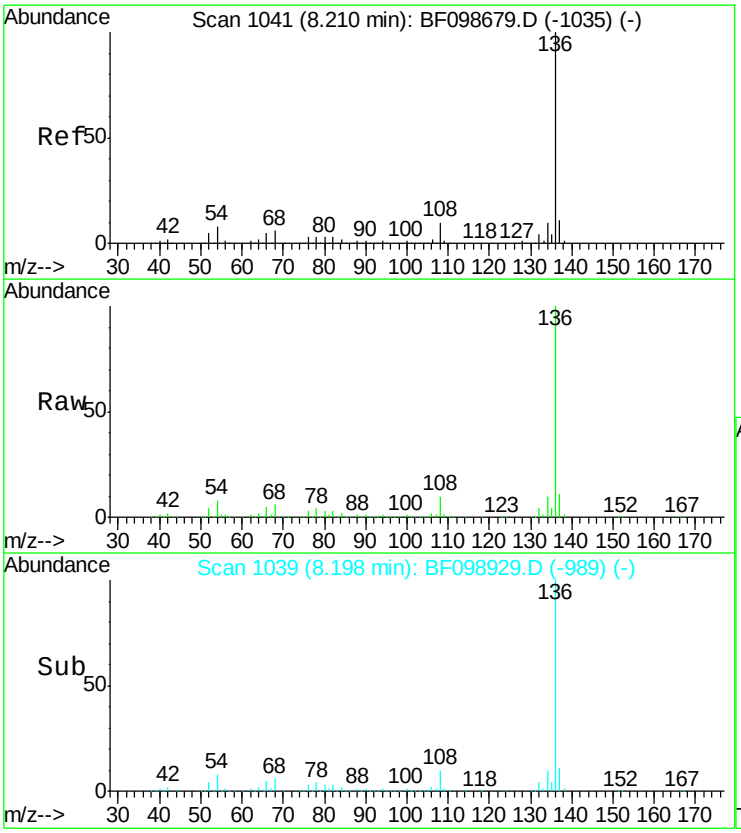
#7
Phenol-d6
Concen: 19.03 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF098929.D
Acq: 29 Sep 2017 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 199380

Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.5	21.7
71	31.5	25.4	38.0

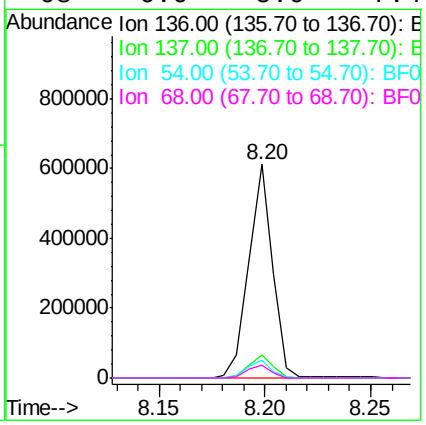


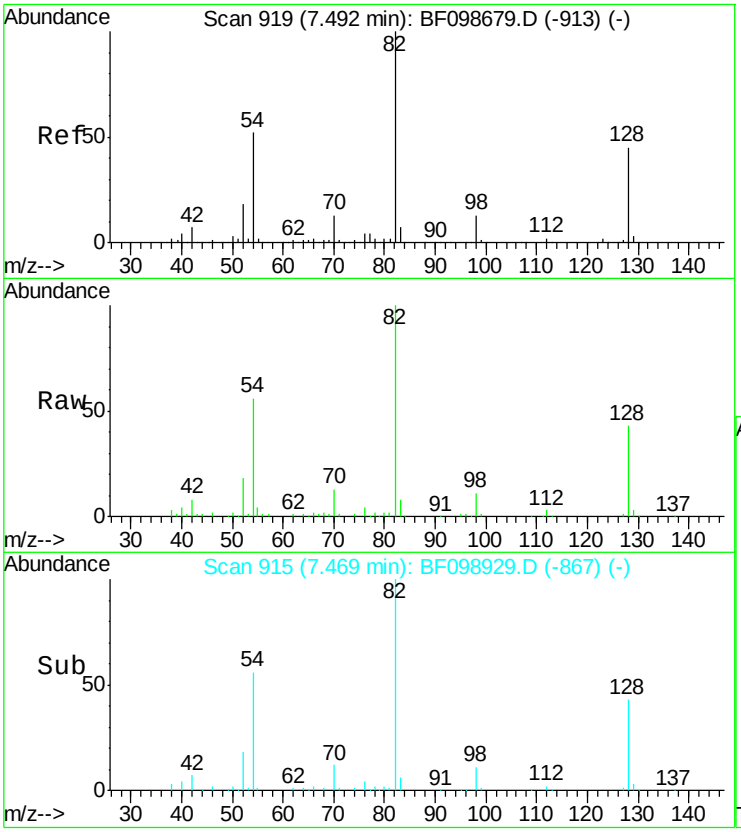


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098929.D
Acq: 29 Sep 2017 1:44

Tgt Ion:136 Resp: 482416

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.2	6.6	9.8
68	6.0	5.0	7.4



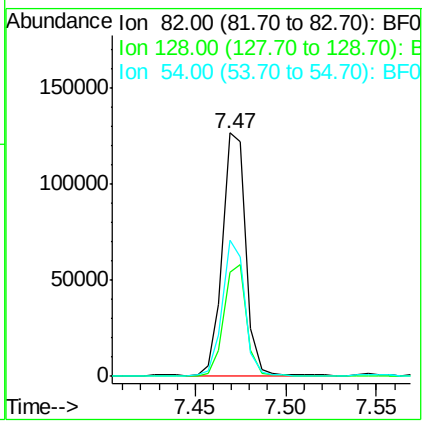


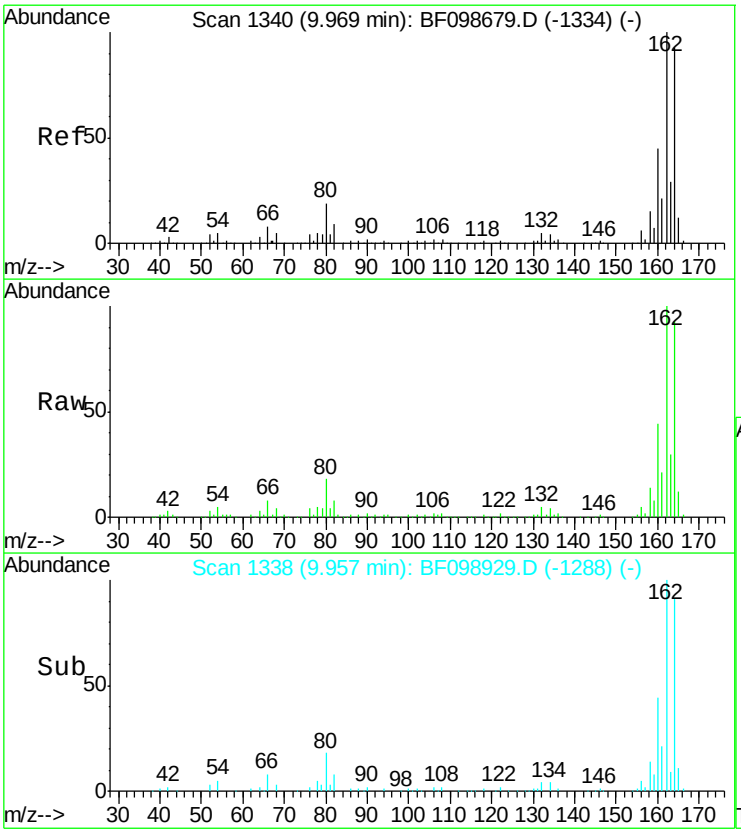
#23
Nitrobenzene-d5
Concen: 15.15 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.02 min
Lab File: BF098929.D
Acq: 29 Sep 2017 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 113952

Ion	Ratio	Lower	Upper
82	100		
128	42.8	36.1	54.1
54	56.1	41.4	62.2

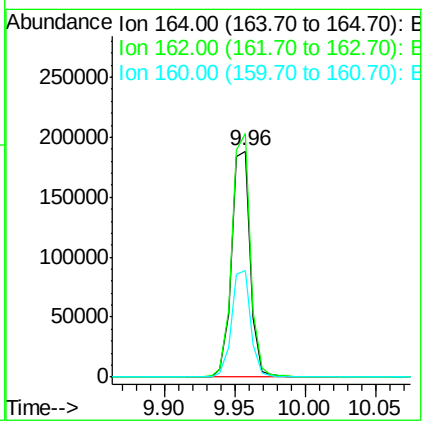


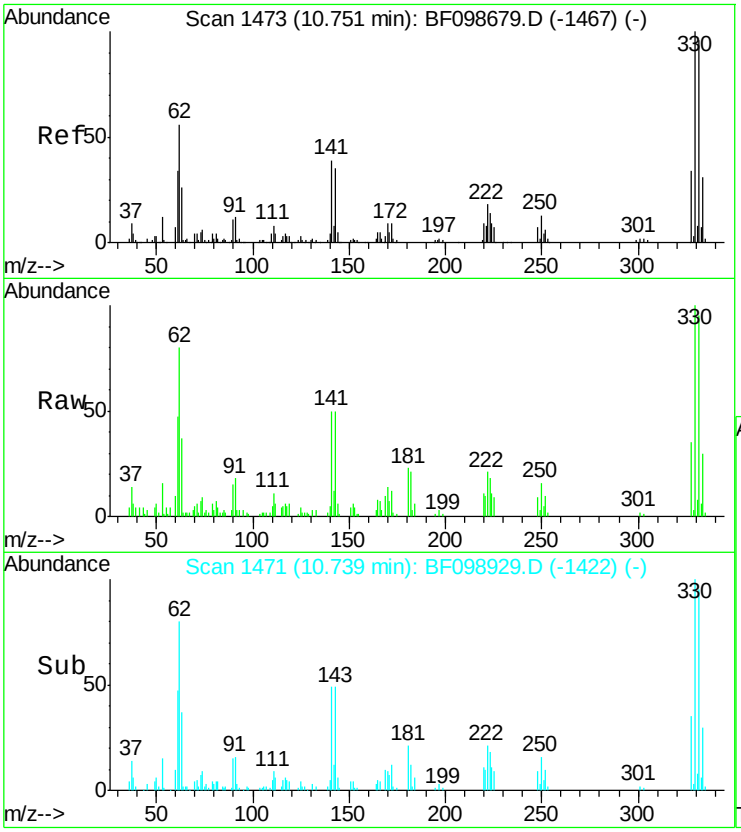


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF098929.D
Acq: 29 Sep 2017 1:44

Tgt Ion:164 Resp: 173961

Ion	Ratio	Lower	Upper
164	100		
162	107.6	86.1	129.1
160	47.0	38.3	57.5



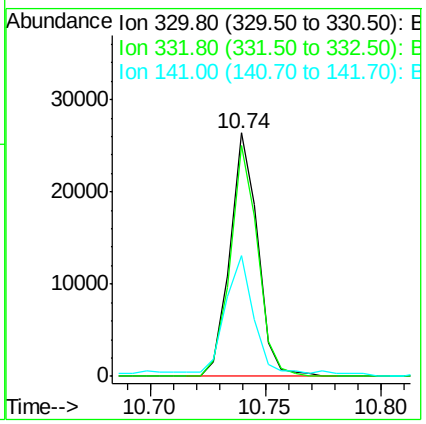


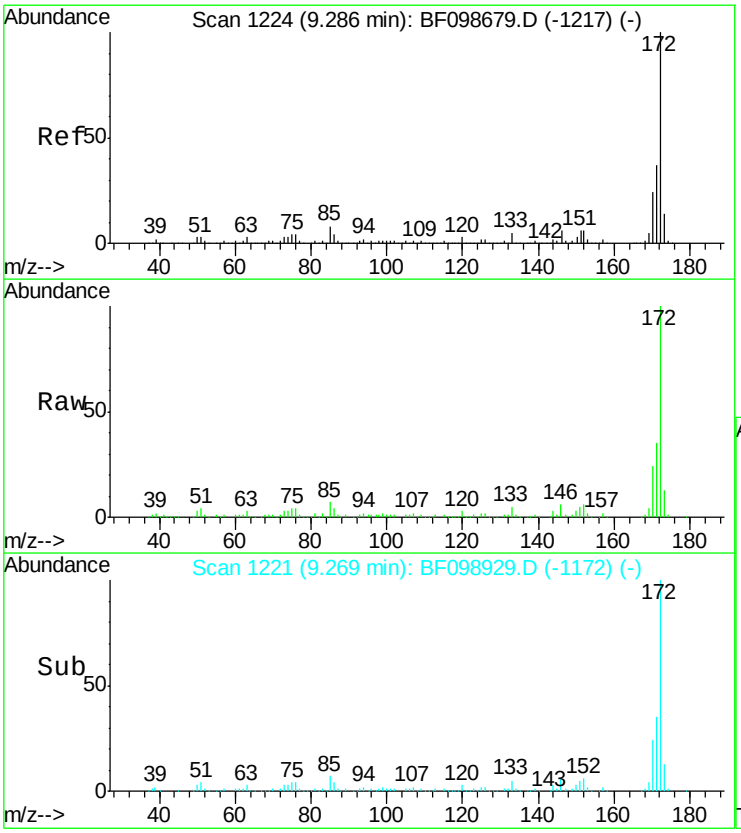
#41
2,4,6-Tribromophenol
Concen: 15.53 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.01 min
Lab File: BF098929.D
Acq: 29 Sep 2017 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 22103

Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.0	115.6
141	48.8	29.9	44.9#

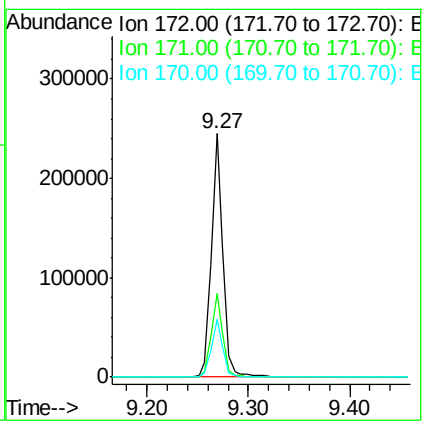


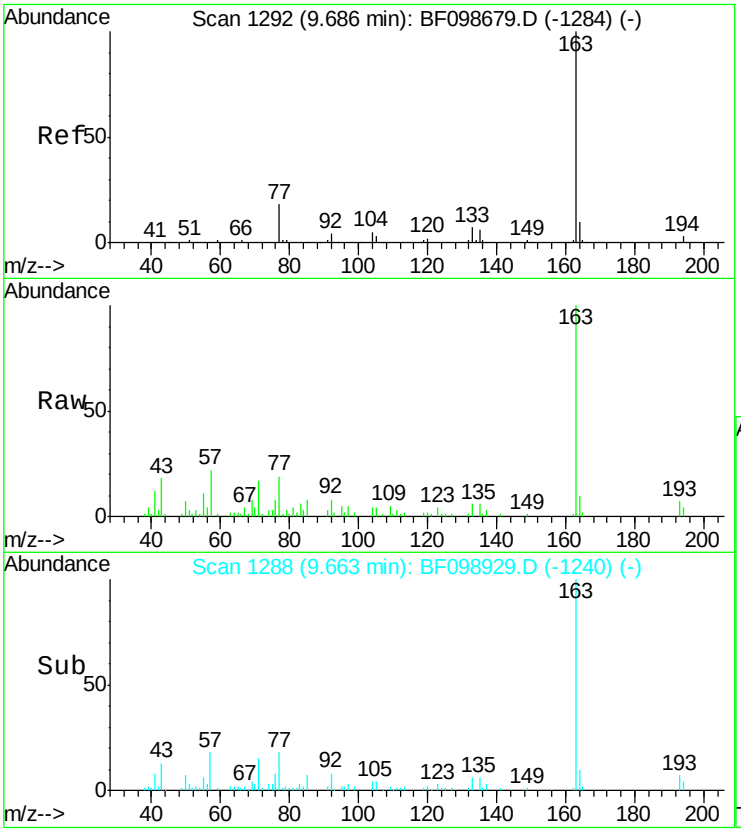


#44
2-Fluorobiphenyl
Concen: 18.59 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF098929.D
Acq: 29 Sep 2017 1:44

Tgt Ion:172 Resp: 193704

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.7	44.5
170	23.6	19.6	29.4



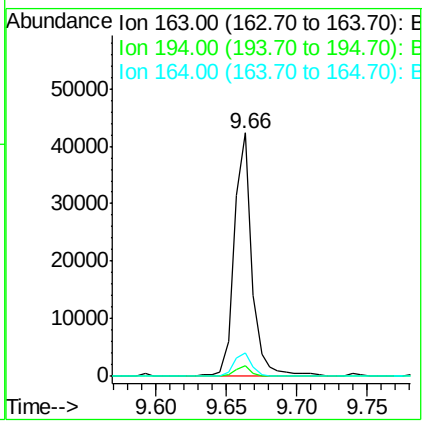


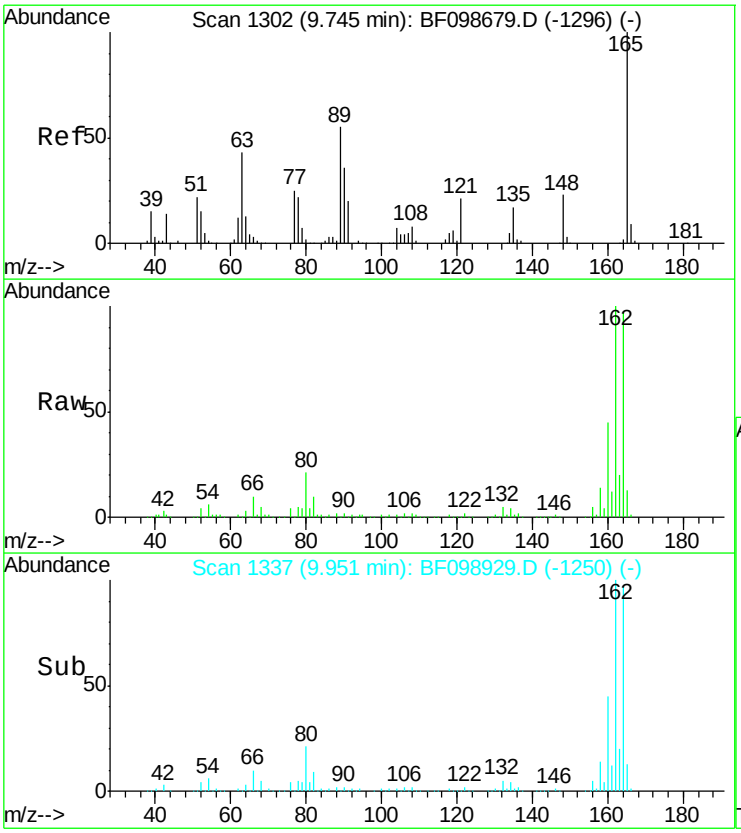
#49
Dimethylphthalate
Concen: 2.80 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BF098929.D
Acq: 29 Sep 2017 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 36819

Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.7	4.1#
164	9.9	8.2	12.2

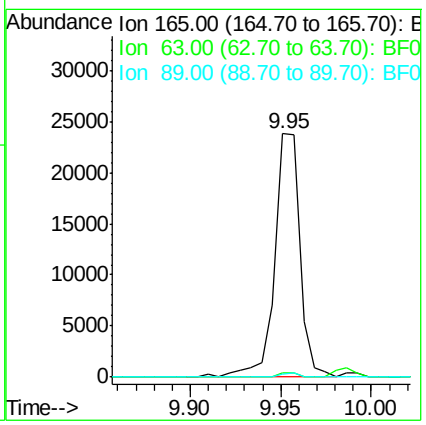


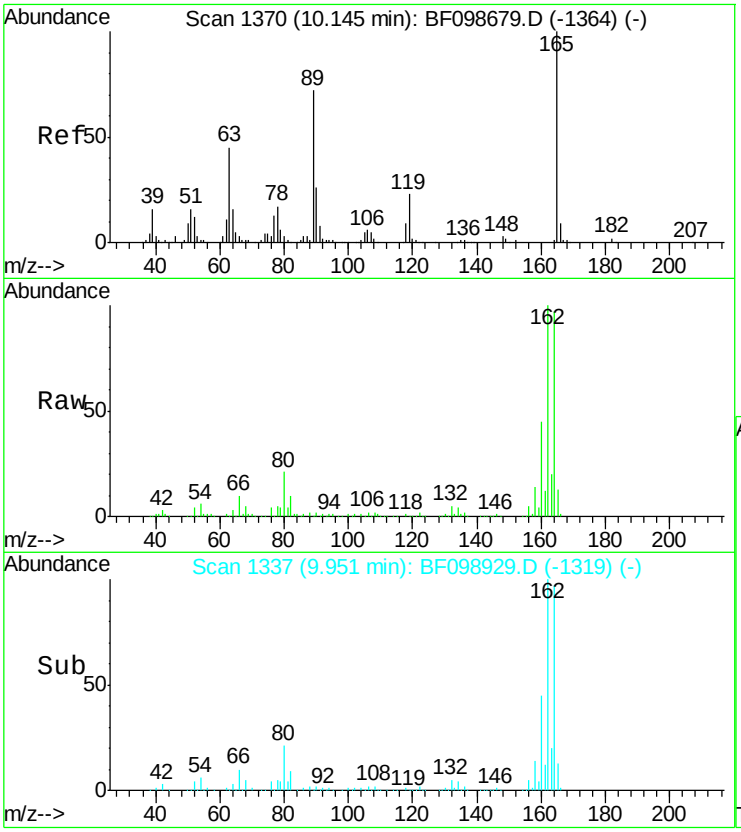


#50
2,6-Dinitrotoluene
Concen: 8.05 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.21 min
Lab File: BF098929.D
Acq: 29 Sep 2017 1:44

Tgt Ion:165 Resp: 23006

Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.7	67.1#
89	1.3	44.0	66.0#



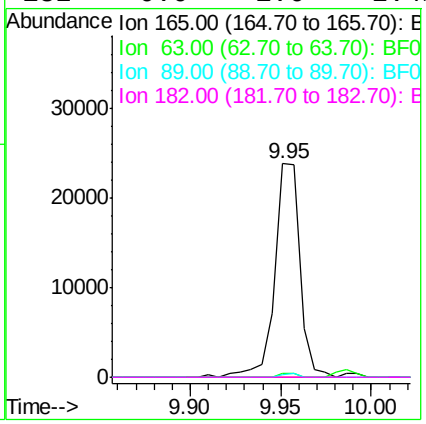


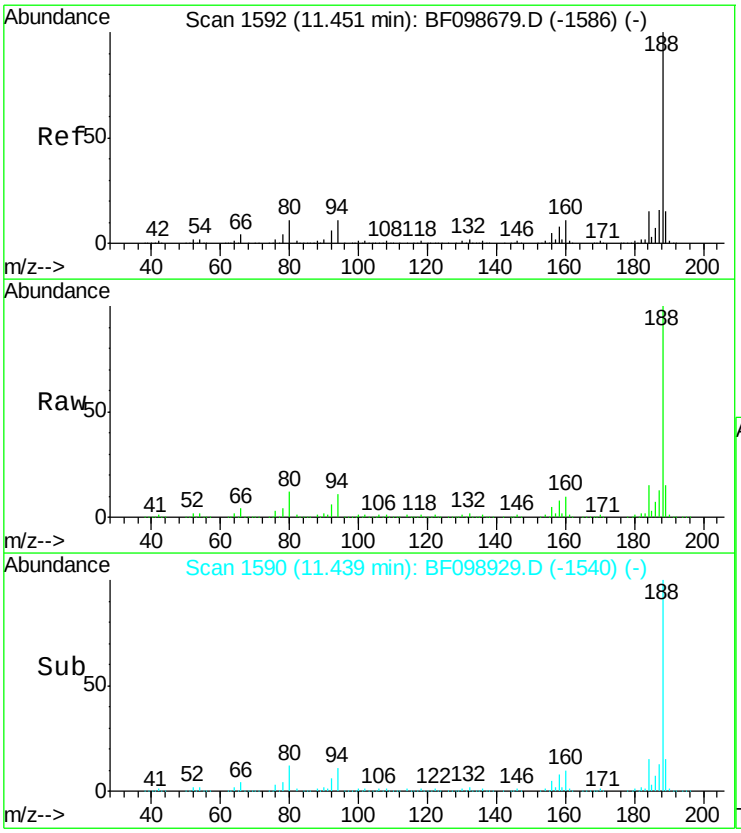
#56
2,4-Dinitrotoluene
Concen: 6.20 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.19 min
Lab File: BF098929.D
Acq: 29 Sep 2017 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 23006

Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

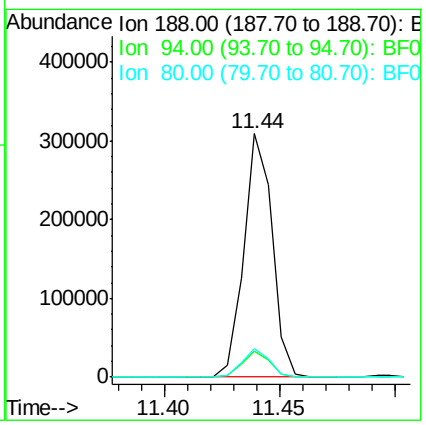


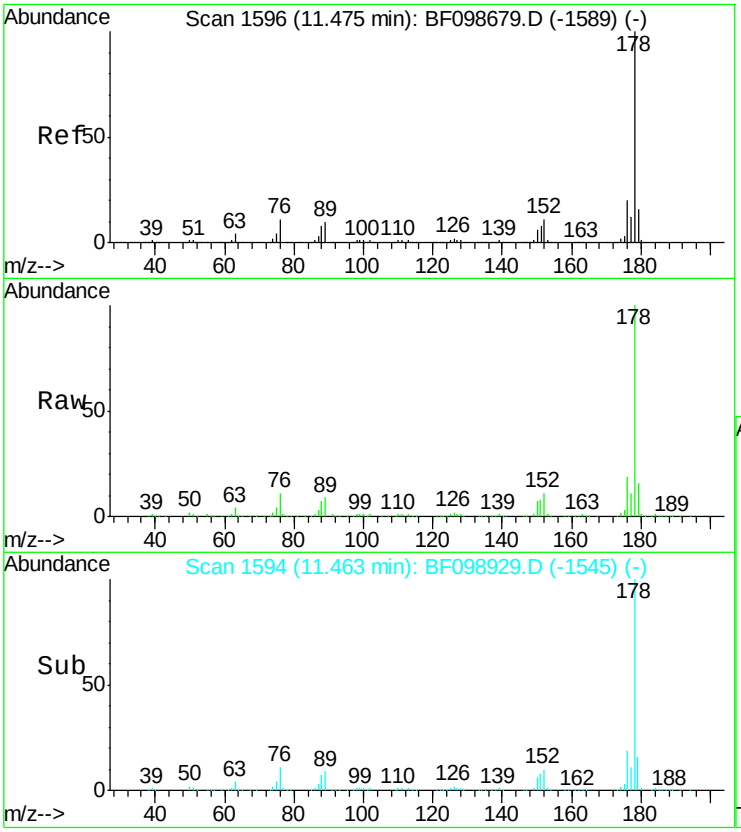


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098929.D
Acq: 29 Sep 2017 1:44

Tgt Ion:188 Resp: 265666

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	12.0	9.2	13.8



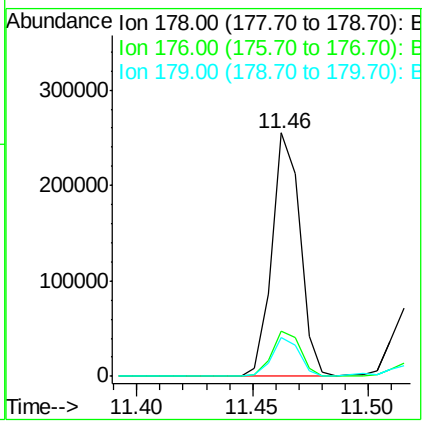


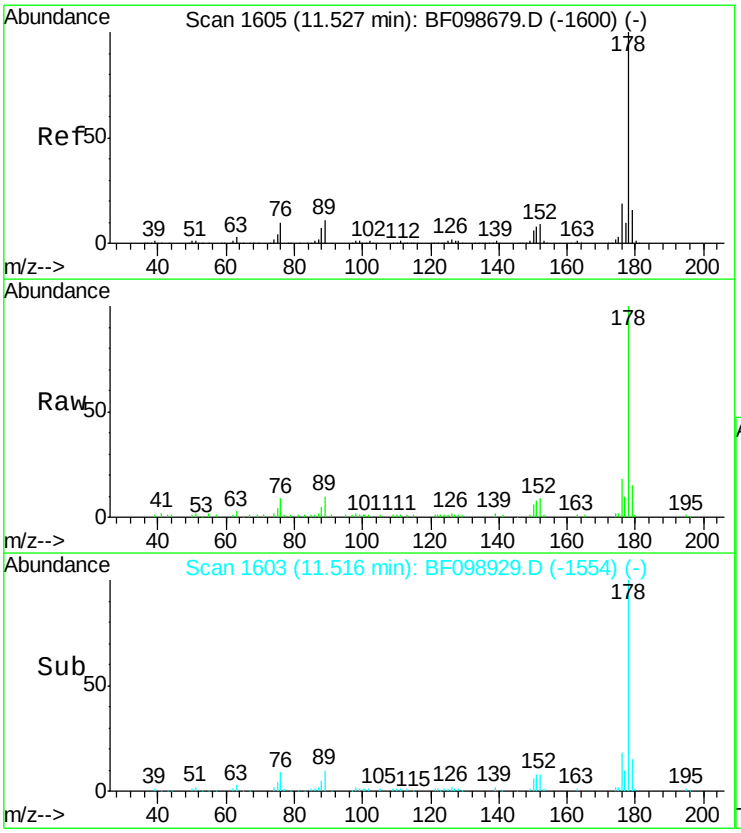
#70
Phenanthrene
Concen: 15.16 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF098929.D
Acq: 29 Sep 2017 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 215650

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.9	13.0	19.6

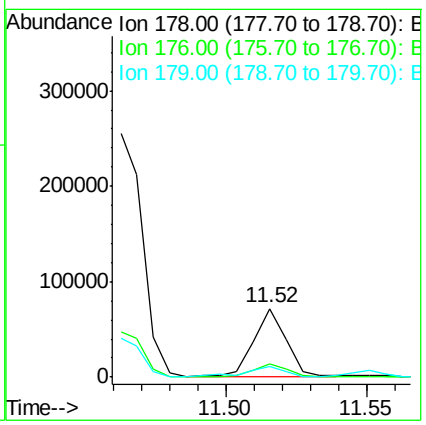


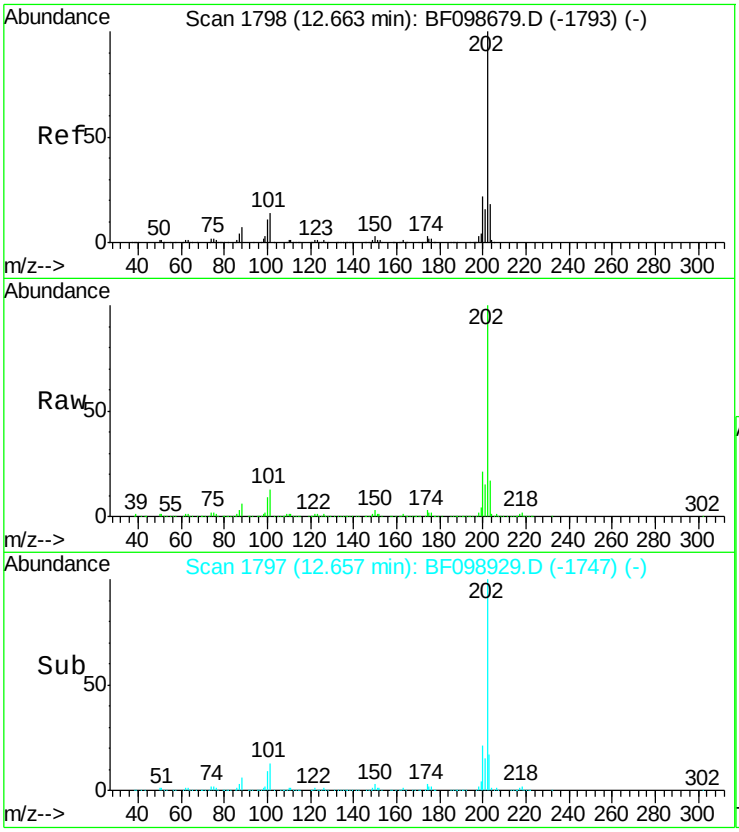


#71
Anthracene
Concen: 3.82 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BF098929.D
Acq: 29 Sep 2017 1:44

Tgt Ion:178 Resp: 55563

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	14.8	12.6	19.0



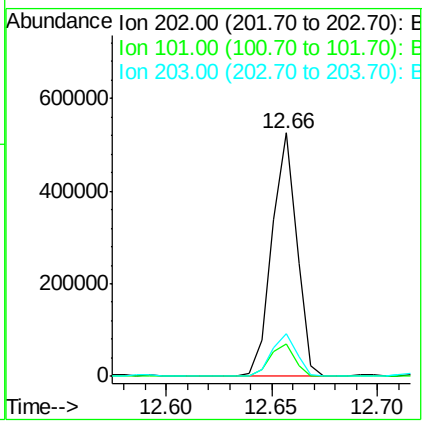


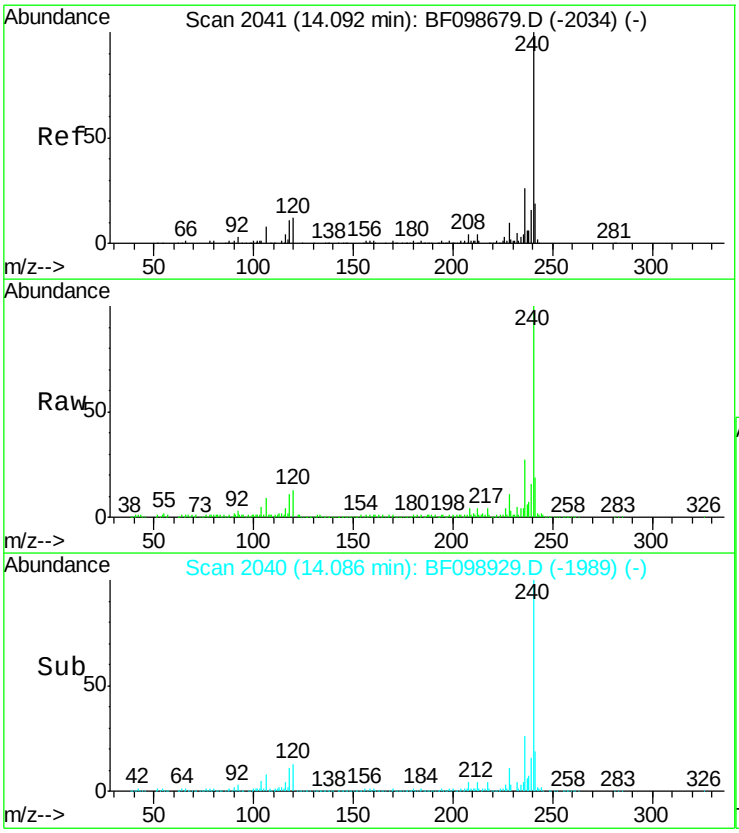
#74
Fluoranthene
Concen: 29.95 ng
RT: 12.66 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BF098929.D
Acq: 29 Sep 2017 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 431218

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	34.1
203	17.5	0.0	38.1

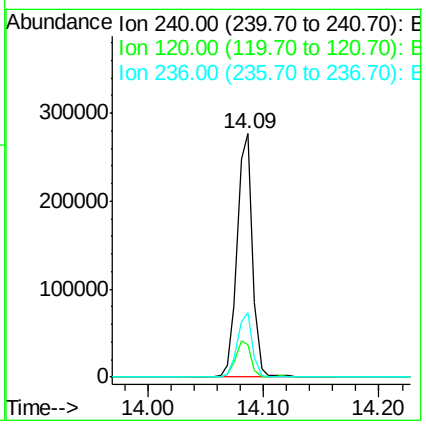


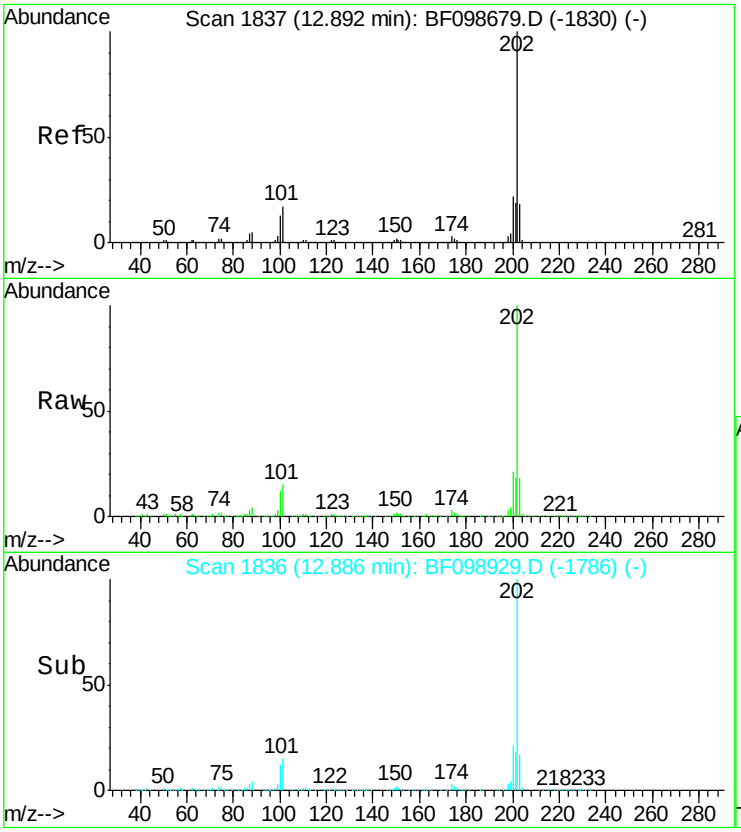


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BF098929.D
Acq: 29 Sep 2017 1:44

Tgt Ion:240 Resp: 256317

Ion	Ratio	Lower	Upper
240	100		
120	13.1	9.5	14.3
236	26.6	20.7	31.1



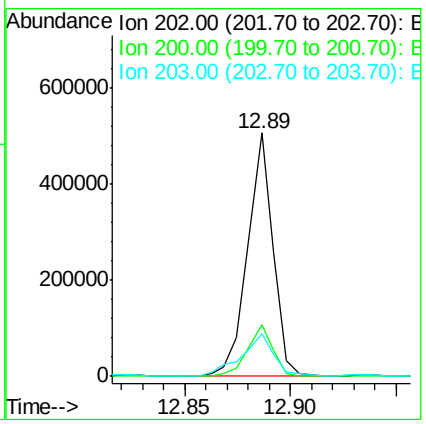


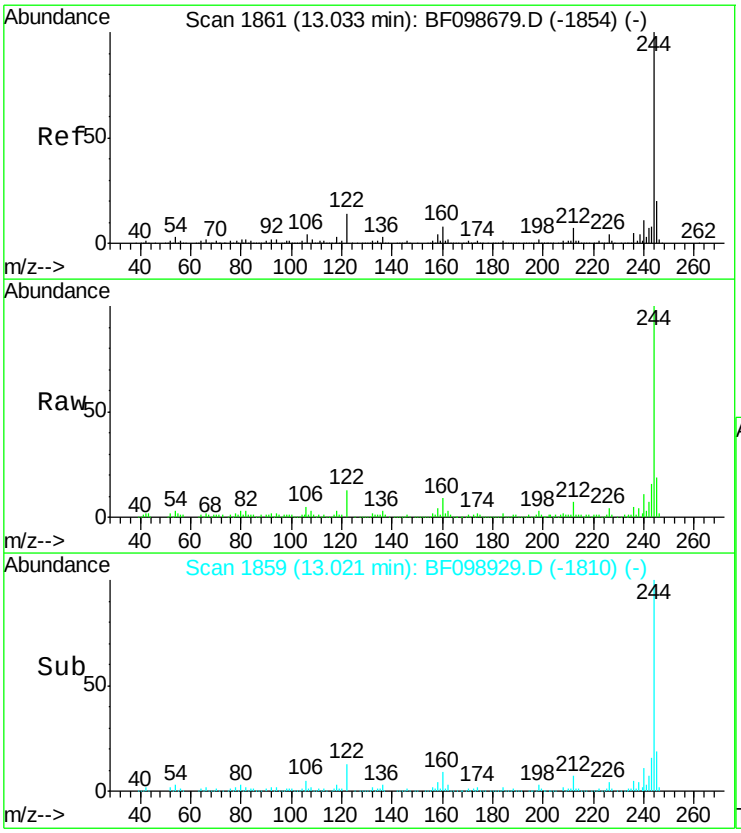
#77
Pyrene
Concen: 21.72 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF098929.D
Acq: 29 Sep 2017 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 424450

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.7	14.3	21.5

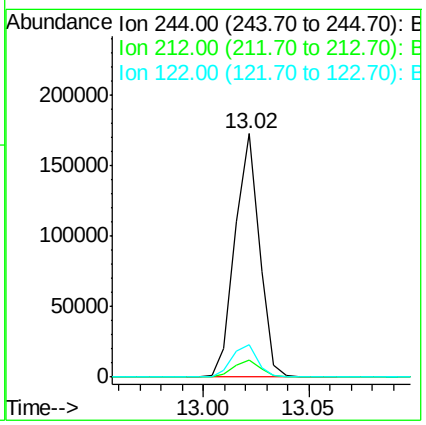


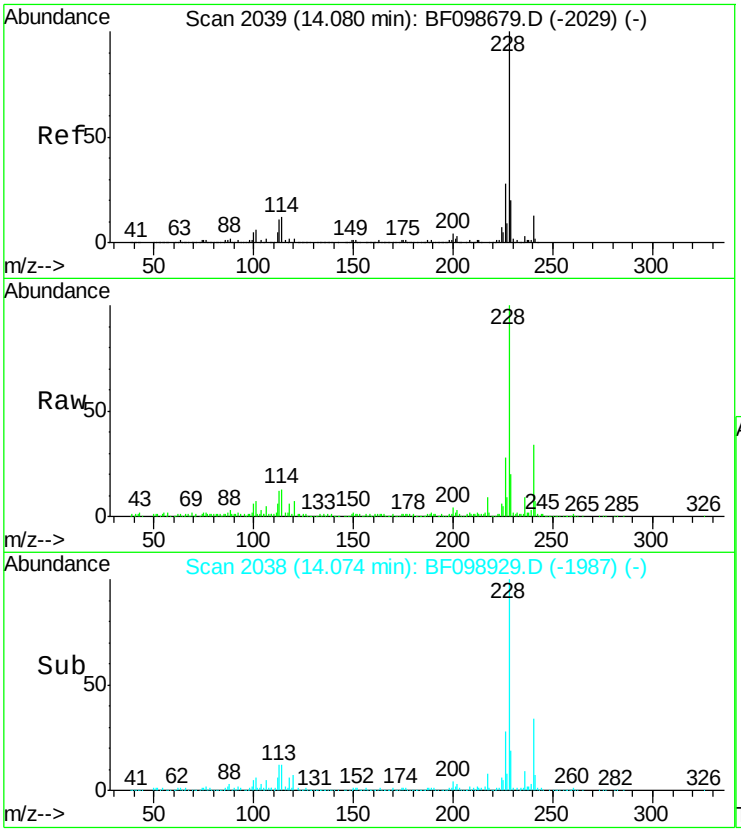


#78
Terphenyl-d14
Concen: 12.21 ng
RT: 13.02 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BF098929.D
Acq: 29 Sep 2017 1:44

Tgt Ion:244 Resp: 137635

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	13.1	11.0	16.4



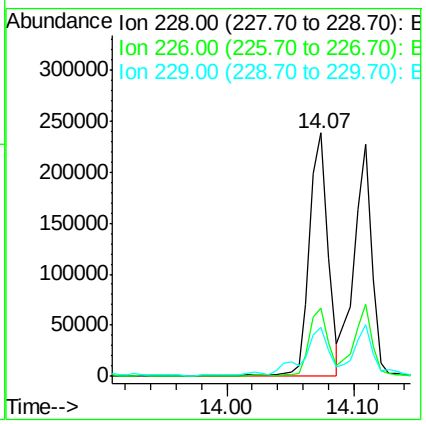


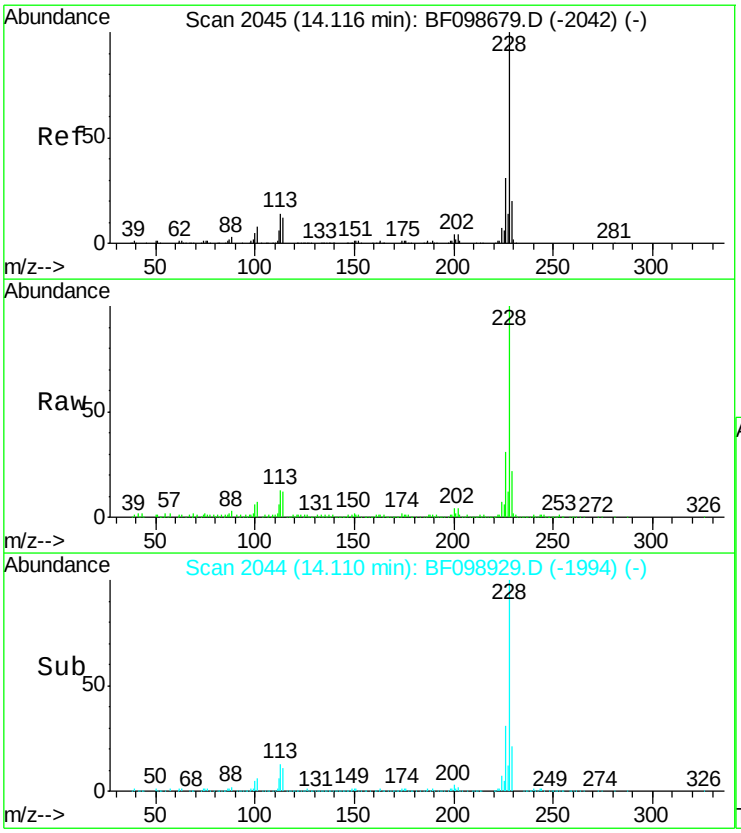
#80
Benzo(a)anthracene
Concen: 15.38 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BF098929.D
Acq: 29 Sep 2017 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 238646

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.1	15.8	23.6

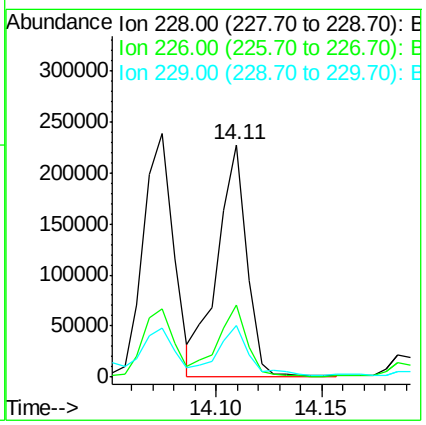


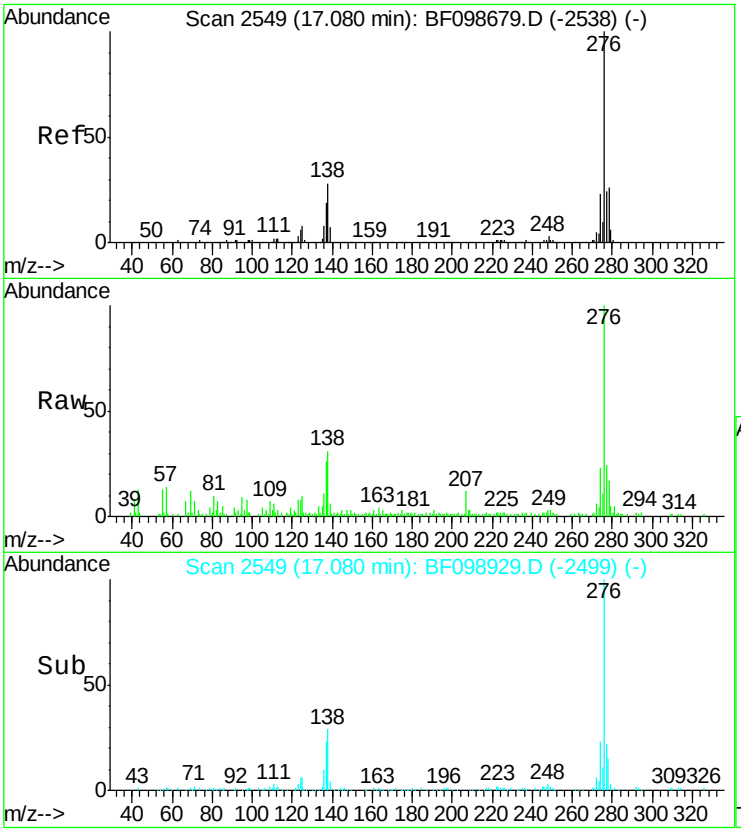


#82
Chrysene
Concen: 14.84 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF098929.D
Acq: 29 Sep 2017 1:44

Tgt Ion:228 Resp: 219353

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	22.3	16.2	24.4



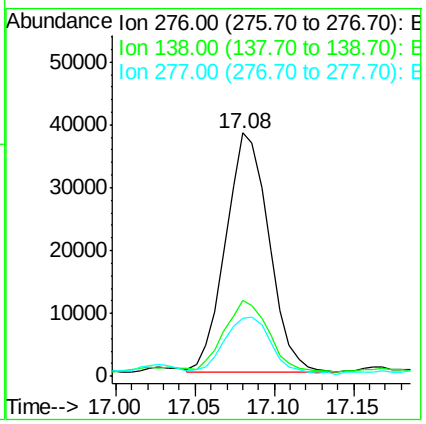


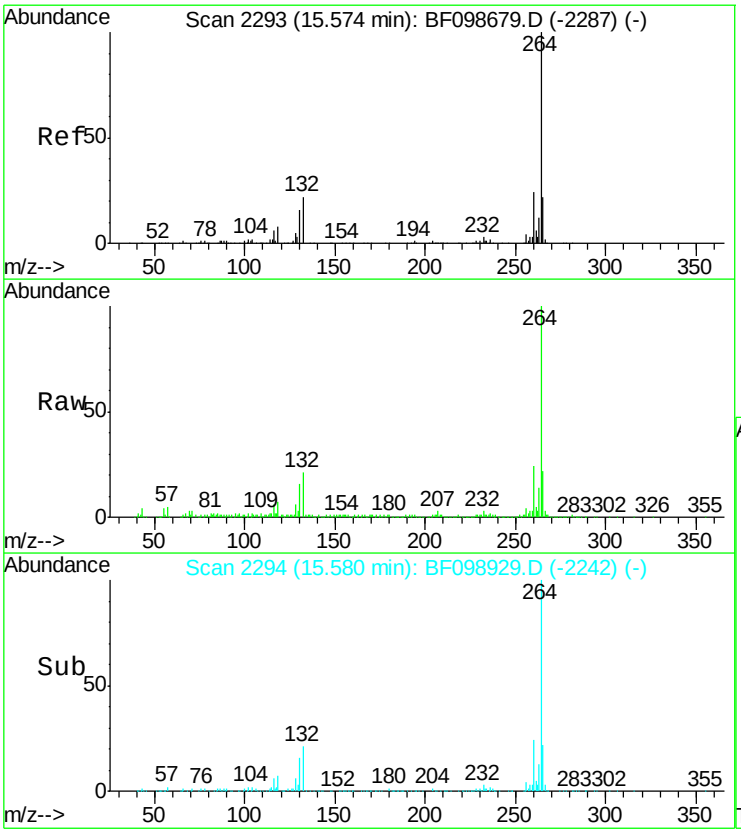
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.09 ng
RT: 17.08 min Scan# 2549
Delta R.T. -0.01 min
Lab File: BF098929.D
Acq: 29 Sep 2017 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 71949

Ion	Ratio	Lower	Upper
276	100		
138	30.3	25.0	37.6
277	26.5	20.1	30.1

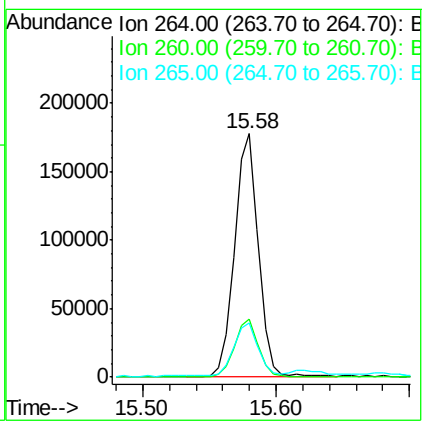


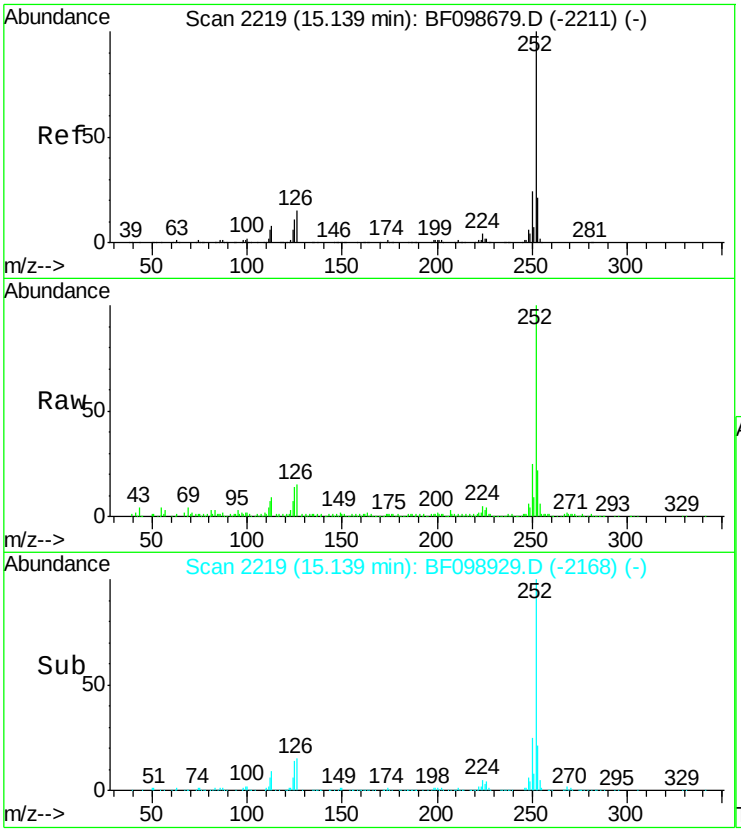


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BF098929.D
Acq: 29 Sep 2017 1:44

Tgt Ion:264 Resp: 217984

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.4	17.5	26.3



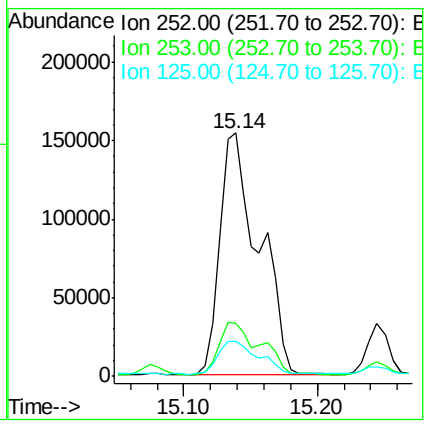


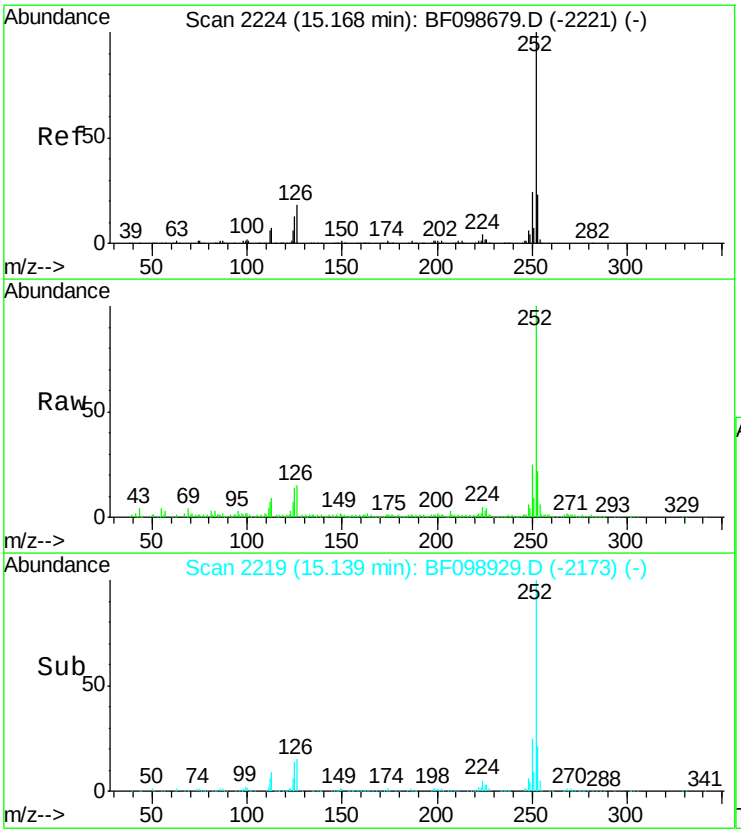
#87
Benzo(b)fluoranthene
Concen: 23.57 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BF098929.D
Acq: 29 Sep 2017 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 315835

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	14.5	9.0	13.6#

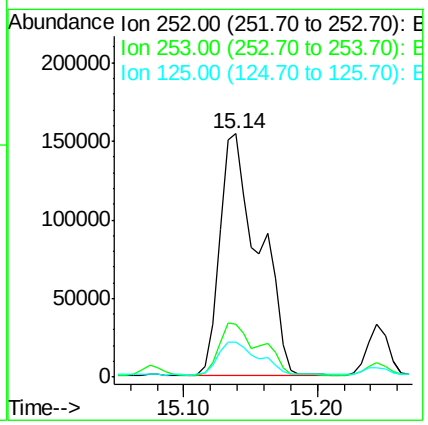


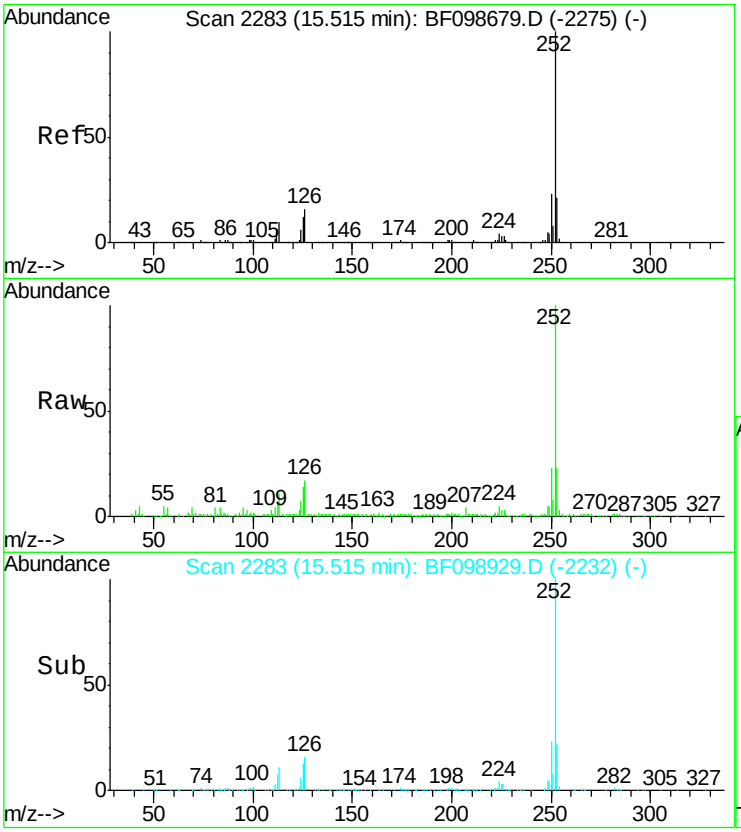


#88
Benzo(k)fluoranthene
Concen: 23.86 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.03 min
Lab File: BF098929.D
Acq: 29 Sep 2017 1:44

Tgt Ion:252 Resp: 315835

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	14.5	10.2	15.2



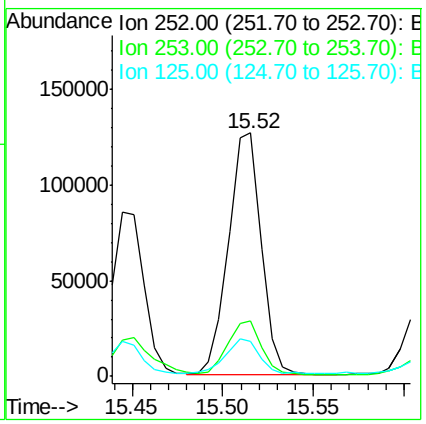


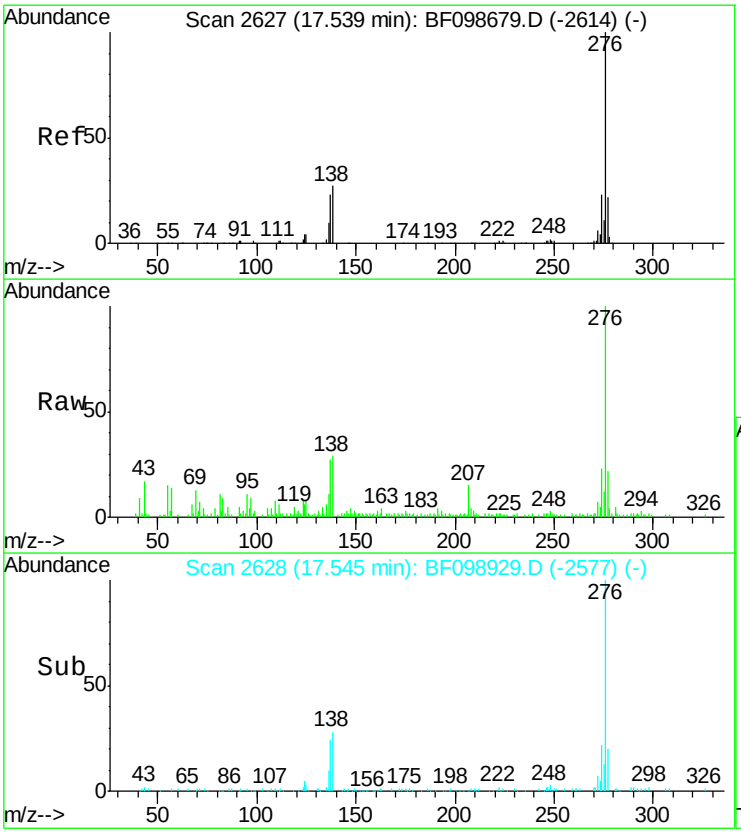
#89
Benzo(a)pyrene
Concen: 13.04 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF098929.D
Acq: 29 Sep 2017 1:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 160422

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	14.1	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 7.18 ng
RT: 17.54 min Scan# 2628
Delta R.T. -0.00 min
Lab File: BF098929.D
Acq: 29 Sep 2017 1:44

Tgt Ion:276 Resp: 69893

Ion	Ratio	Lower	Upper
276	100		
277	21.9	17.9	26.9
138	29.3	21.8	32.8