Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
Data File : BF098927.D
Acq On : 29 Sep 2017 00:48
Operator : SJ/JU
Sample : I5457-11 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 29 02:49:23 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	147738	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	552363	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	212106	20.00	ng		-0.01
63) Phenanthrene-d10	11.44	188	314255	20.00	ng		0.00
75) Chrysene-d12	14.09	240	269875	20.00	ng		0.00
86) Perylene-d12	15.58	264	235303	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	506157	54.54	ng		0.00
7) Phenol-d6	6.54	99	583719	50.99	ng		0.00
23) Nitrobenzene-d5	7.47	82	345376	40.10	ng		-0.01
41) 2,4,6-Tribromophenol	10.74	330	75823	43.69	ng		-0.01
44) 2-Fluorobiphenyl	9.27	172	568488	44.74	ng		-0.01
78) Terphenyl-d14	13.02	244	377407	31.80	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.47	70	45430	6.22	ng	#	78
25) Isophorone	7.47	82	343137	19.27	ng	#	64
49) Dimethylphthalate	9.66	163	108746	6.79	ng		100
56) 2,4-Dinitrotoluene	9.95	165	28590	6.32	ng	#	23
70) Phenanthrene	11.46	178	148248	8.81	ng		98
71) Anthracene	11.52	178	40817	2.37	ng		99
74) Fluoranthene	12.66	202	345843	20.30	ng		97
77) Pyrene	12.89	202	318157	15.46	ng		99
80) Benzo(a)anthracene	14.07	228	173919	10.64	ng		99
82) Chrysene	14.11	228	158695	10.20	ng		98
85) Indeno(1,2,3-cd)pyrene	17.09	276	65554	5.27	ng		99
87) Benzo(b)fluoranthene	15.14	252	267418	18.48	ng	#	92
88) Benzo(k)fluoranthene	15.14	252	267418	18.71	ng	#	95
89) Benzo(a)pyrene	15.52	252	131646	9.91	ng	#	95
91) Benzo(g,h,i)perylene	17.54	276	60976	5.80	ng		96

(#) = 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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Acq On : 29 Sep 2017 00:48
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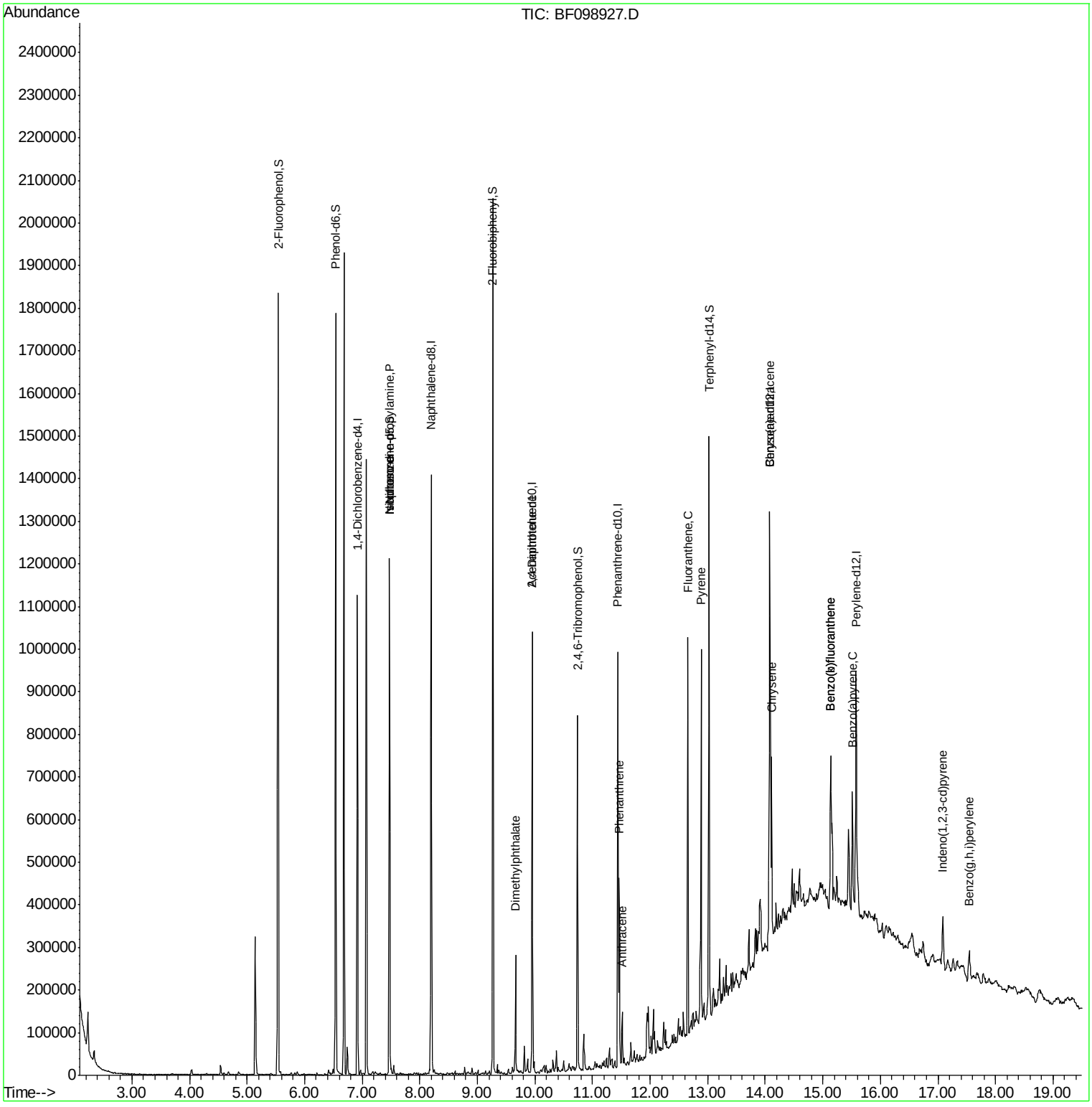
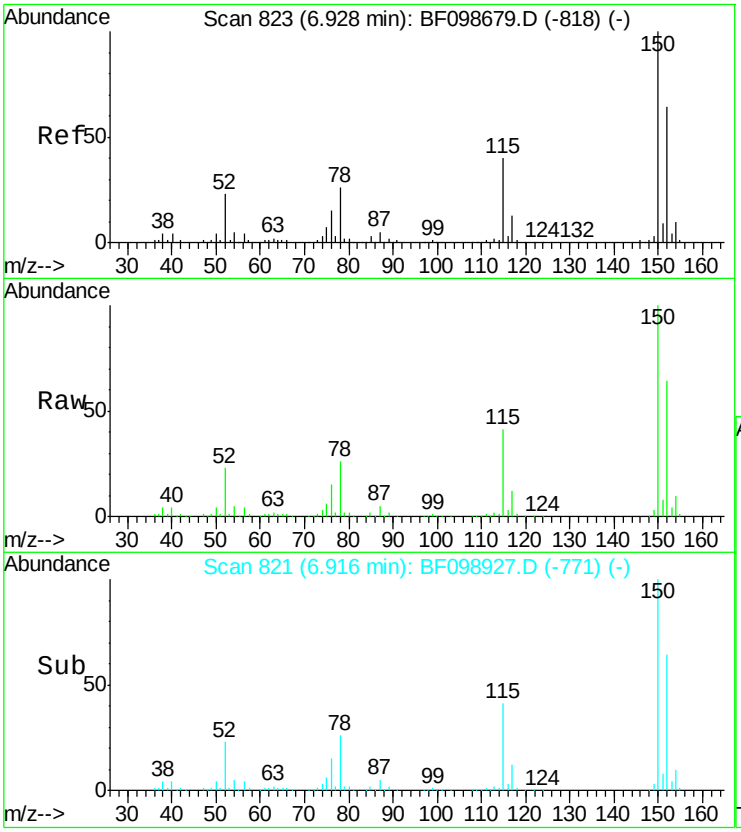
Sample : I5457-11 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 29 02:49:23 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



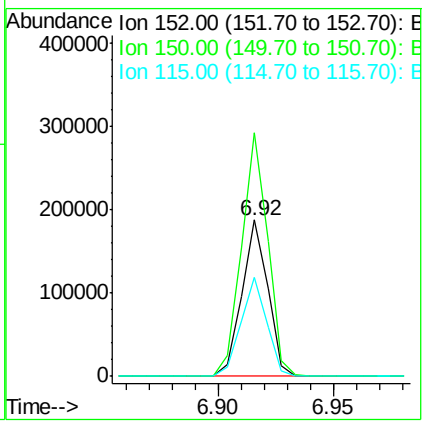


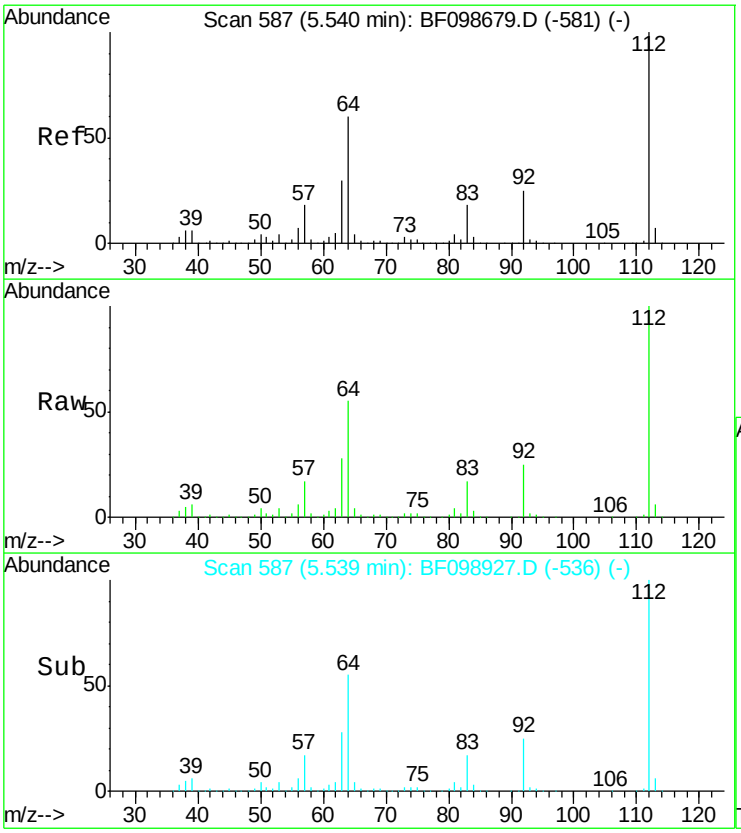
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098927.D
Acq: 29 Sep 2017 00:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 147738

Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.6	186.8
115	63.2	50.1	75.1

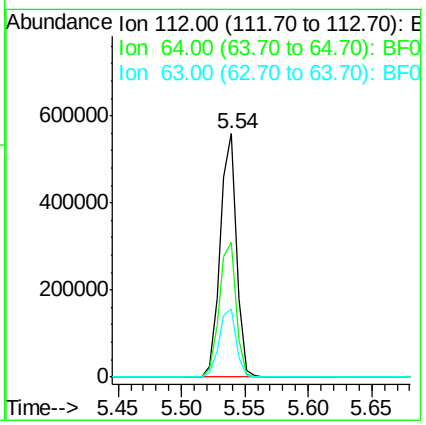


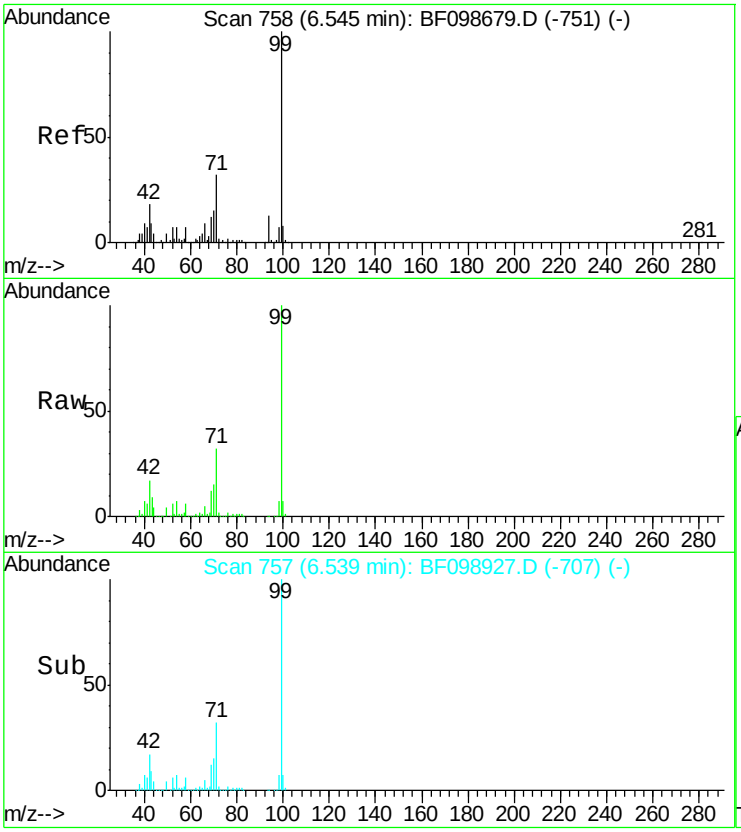


#5
2-Fluorophenol
Concen: 54.54 ng
RT: 5.54 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF098927.D
Acq: 29 Sep 2017 00:48

Tgt Ion:112 Resp: 506157

Ion	Ratio	Lower	Upper
112	100		
64	55.5	47.9	71.9
63	28.0	23.7	35.5



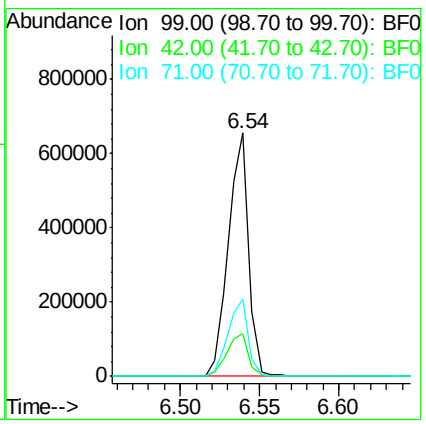


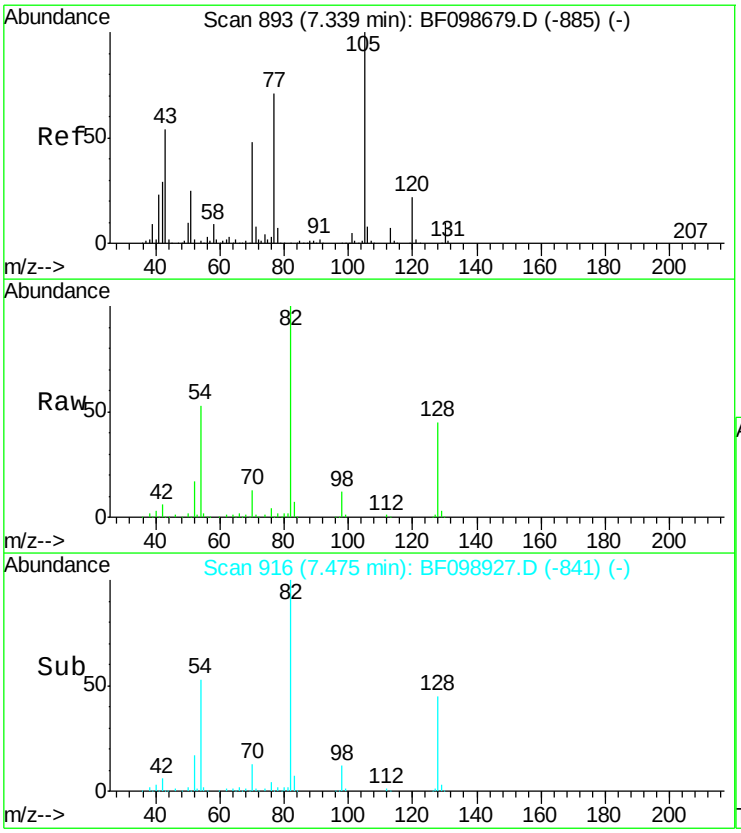
#7
Phenol-d6
Concen: 50.99 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF098927.D
Acq: 29 Sep 2017 00:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 583719

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.5	21.7
71	31.6	25.4	38.0

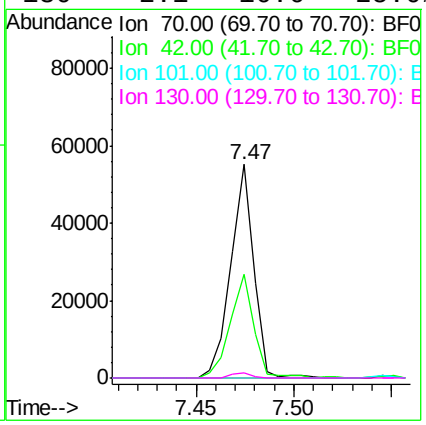


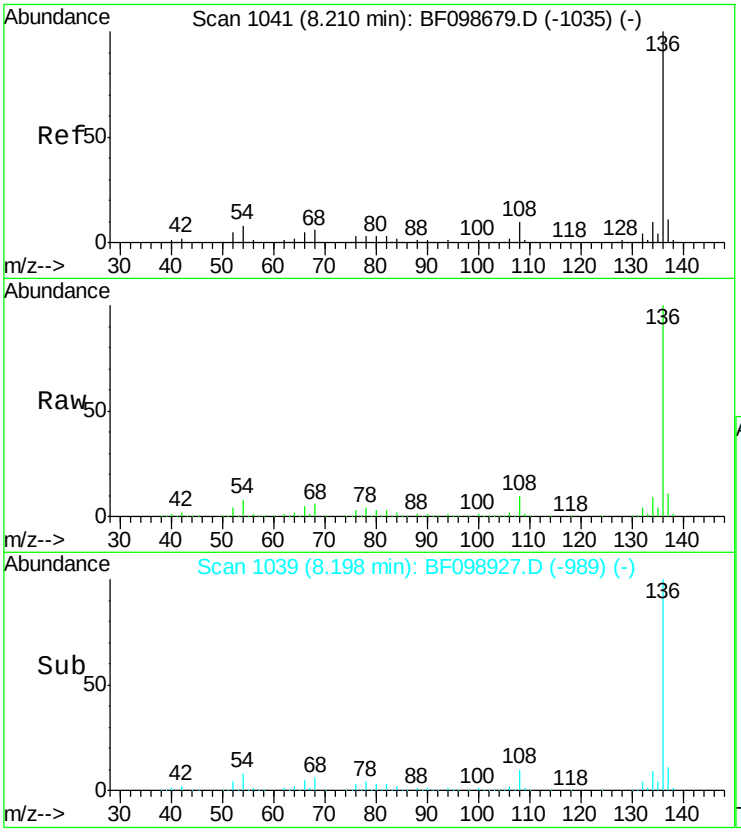


#19
n-Nitroso-di-n-propylamine
Concen: 6.22 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.14 min
Lab File: BF098927.D
Acq: 29 Sep 2017 00:48

Tgt Ion: 70 Resp: 45430

Ion	Ratio	Lower	Upper
70	100		
42	48.4	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



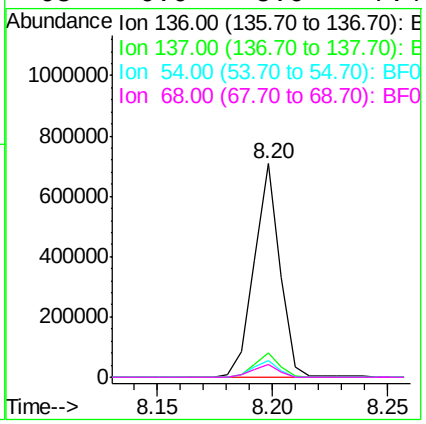


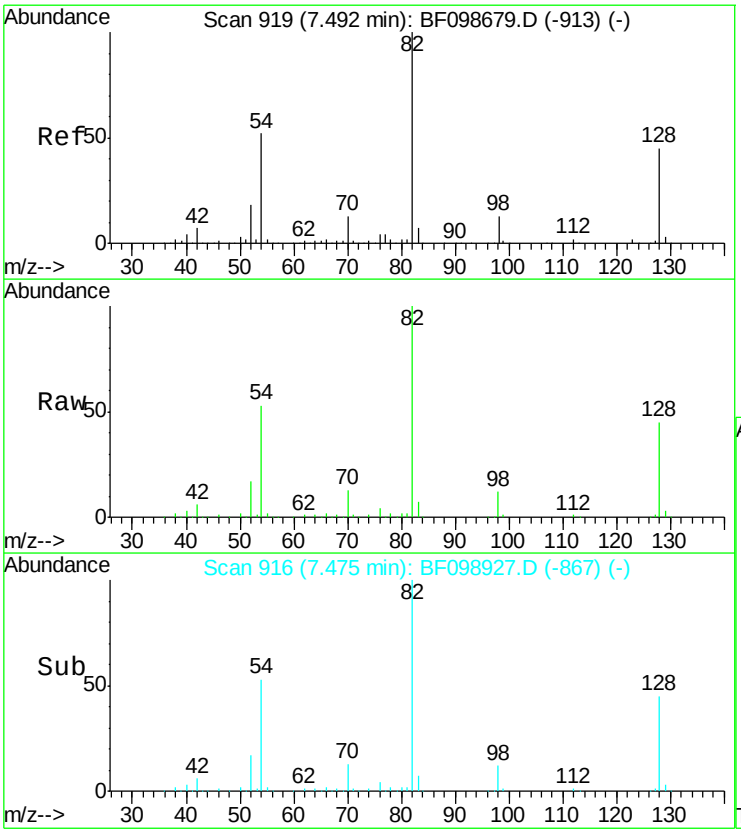
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098927.D
Acq: 29 Sep 2017 00:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 552363

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.7	6.6	9.8
68	6.0	5.0	7.4

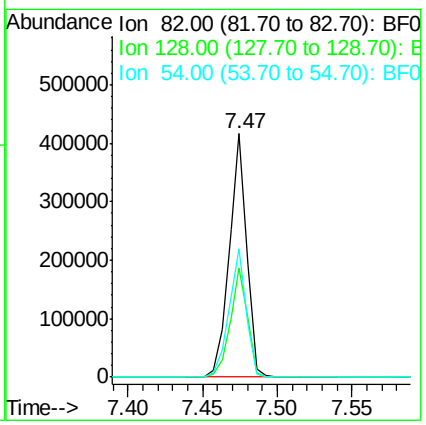


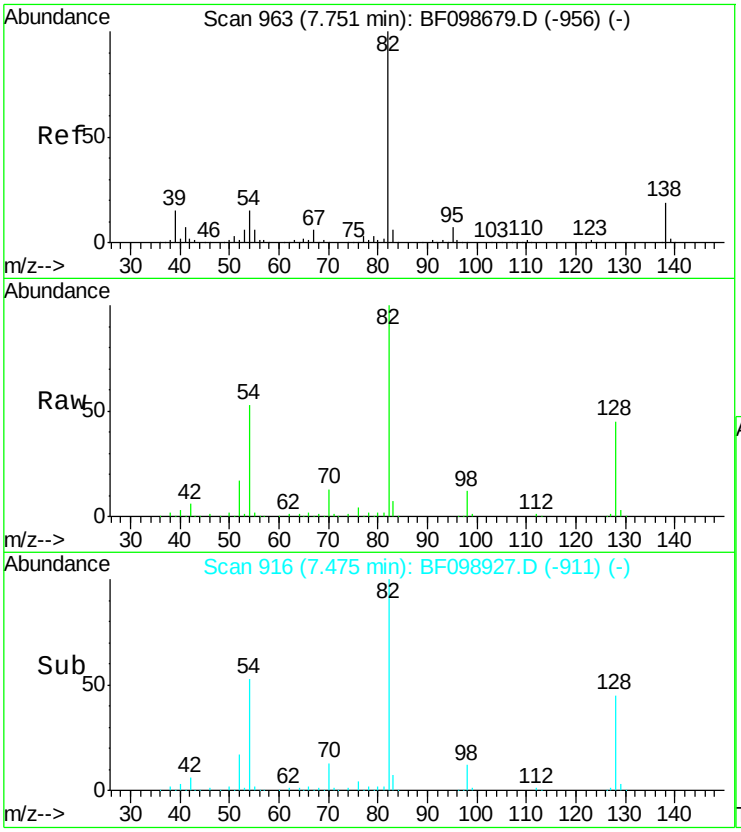


#23
Nitrobenzene-d5
Concen: 40.10 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF098927.D
Acq: 29 Sep 2017 00:48

Tgt Ion: 82 Resp: 345376

Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	52.7	41.4	62.2



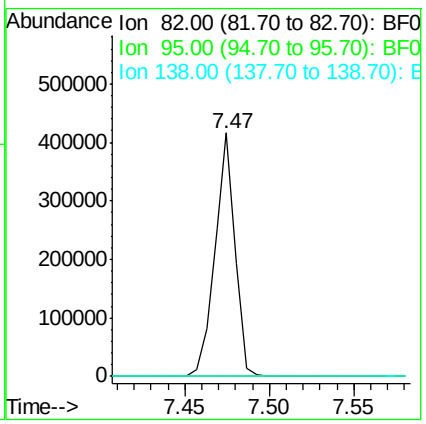


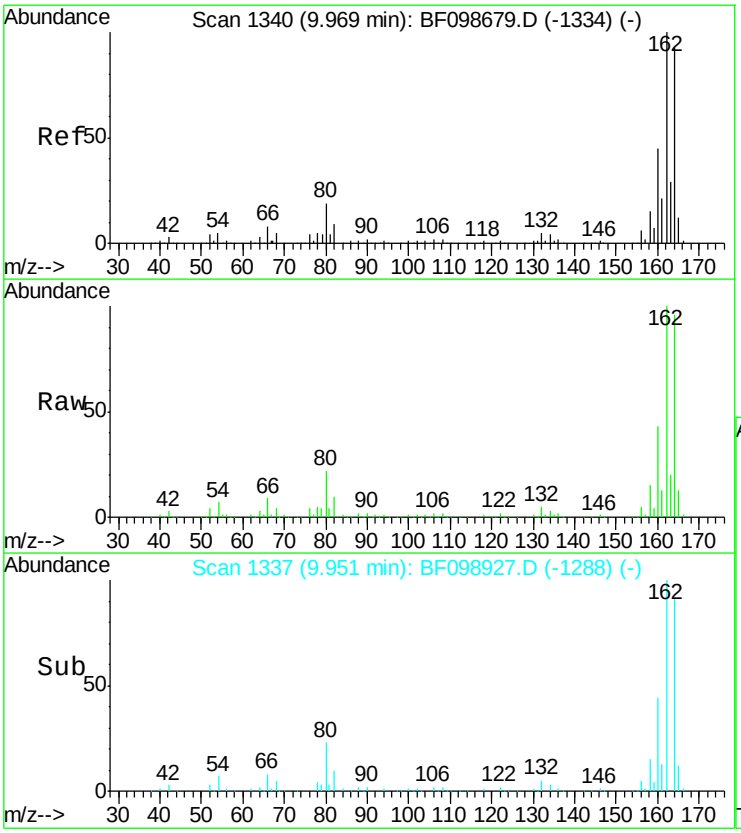
#25
Isophorone
Concen: 19.27 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.27 min
Lab File: BF098927.D
Acq: 29 Sep 2017 00:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 343137

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

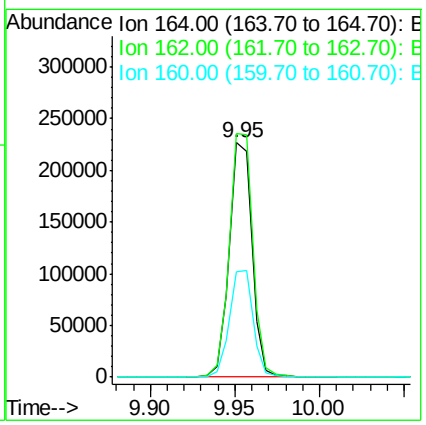


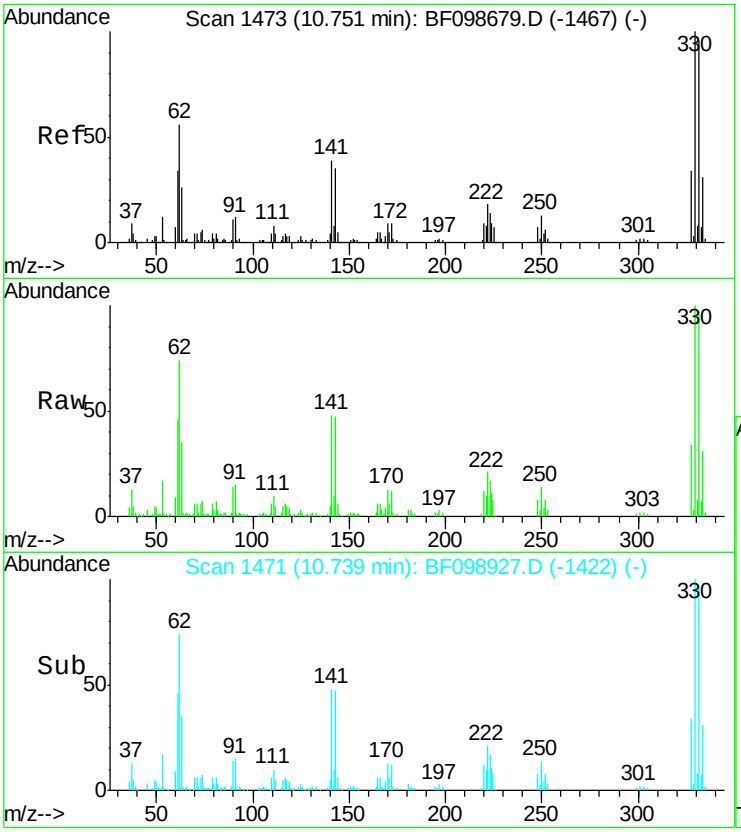


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098927.D
Acq: 29 Sep 2017 00:48

Tgt Ion:164 Resp: 212106

Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	45.1	38.3	57.5



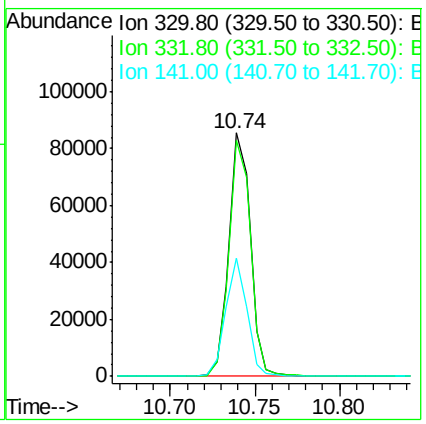


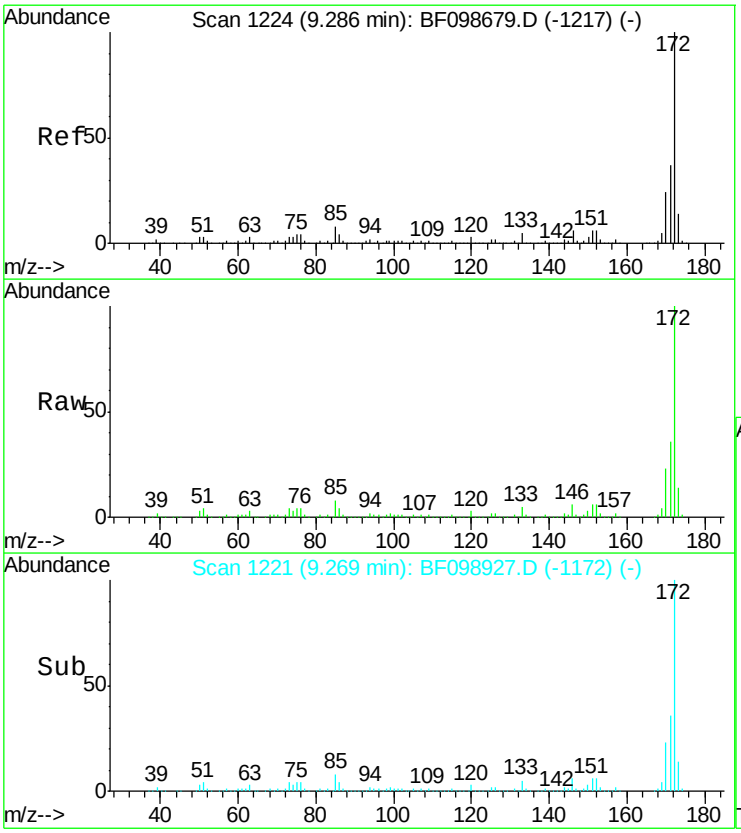
#41
2,4,6-Tribromophenol
Concen: 43.69 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.01 min
Lab File: BF098927.D
Acq: 29 Sep 2017 00:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 75823

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	48.5	29.9	44.9#

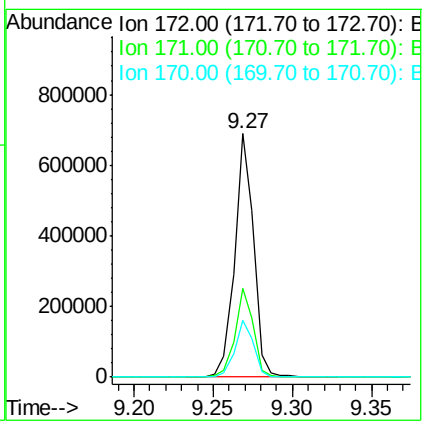


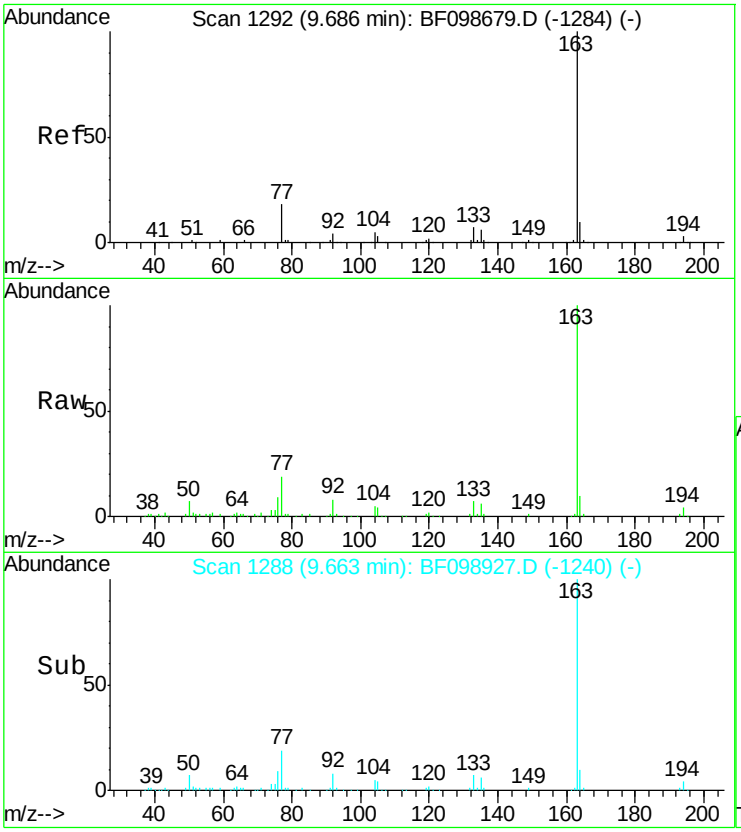


#44
2-Fluorobiphenyl
Concen: 44.74 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF098927.D
Acq: 29 Sep 2017 00:48

Tgt Ion:172 Resp: 568488

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.4	19.6	29.4



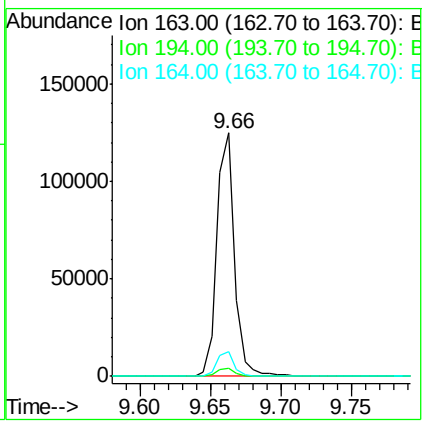


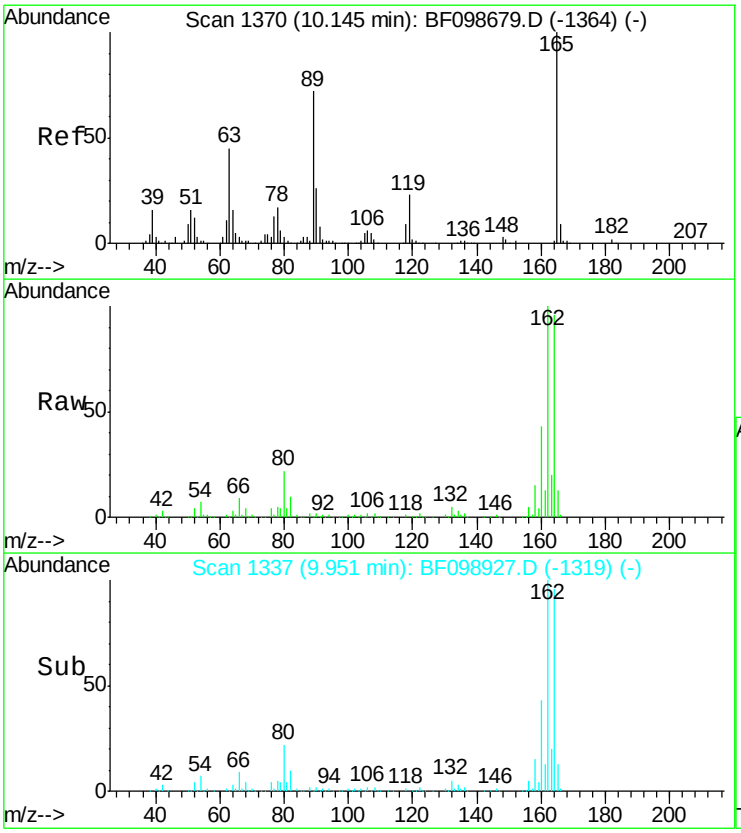
#49
Dimethylphthalate
Concen: 6.79 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BF098927.D
Acq: 29 Sep 2017 00:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 108746

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.1	8.2	12.2

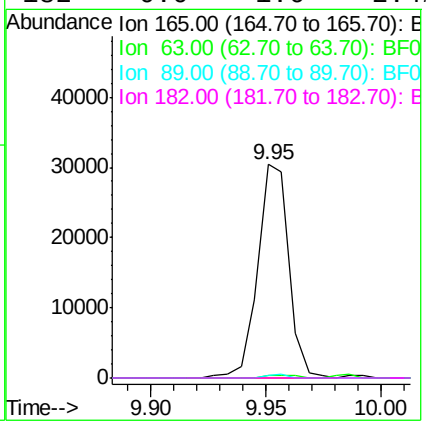


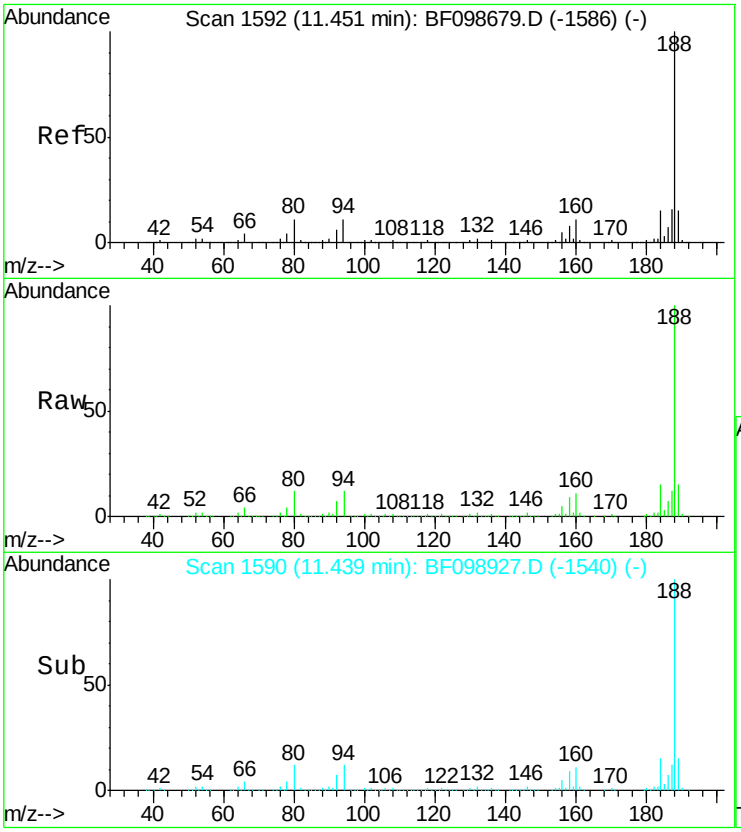


#56
2,4-Dinitrotoluene
Concen: 6.32 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.19 min
Lab File: BF098927.D
Acq: 29 Sep 2017 00:48

Tgt Ion:165 Resp: 28590

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



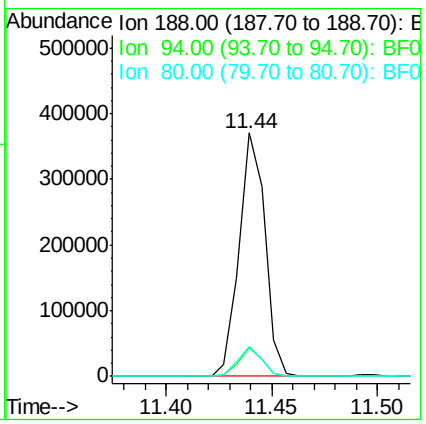


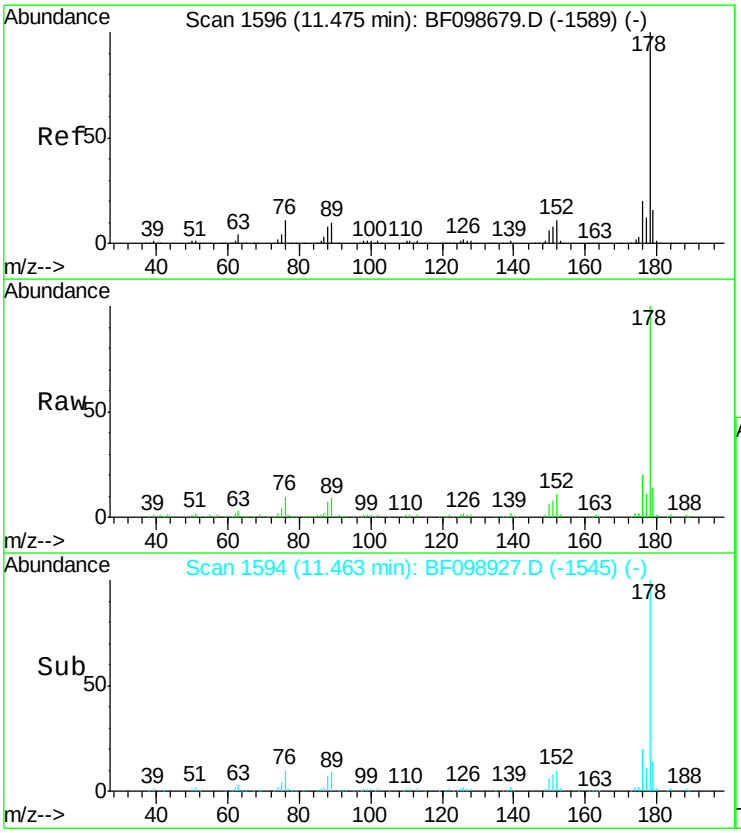
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098927.D
Acq: 29 Sep 2017 00:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 314255

Ion	Ratio	Lower	Upper
188	100		
94	11.6	8.5	12.7
80	12.2	9.2	13.8

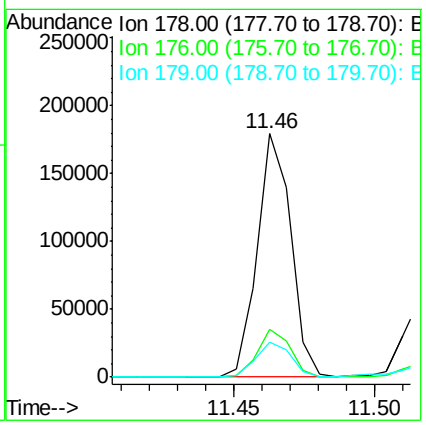


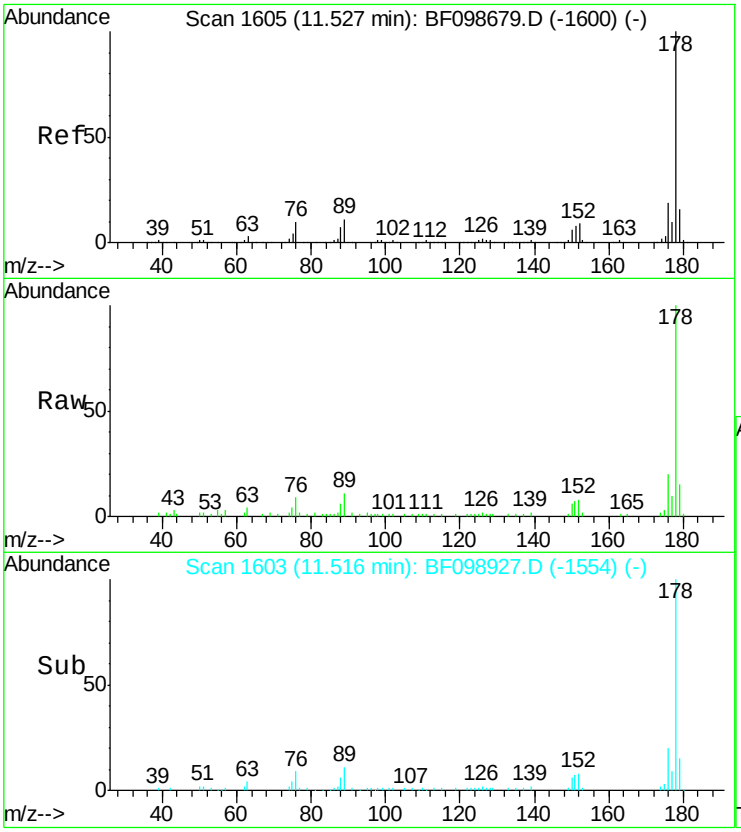


#70
Phenanthrene
Concen: 8.81 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF098927.D
Acq: 29 Sep 2017 00:48

Tgt Ion:178 Resp: 148248

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	14.5	13.0	19.6



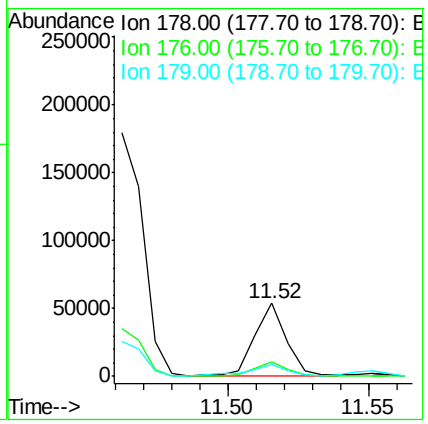


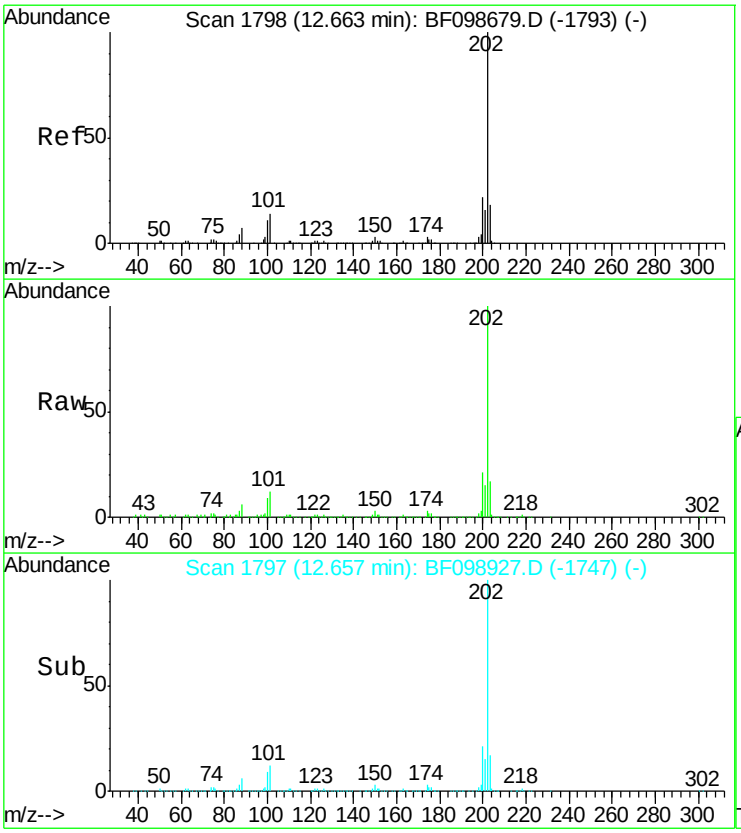
#71
Anthracene
Concen: 2.37 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BF098927.D
Acq: 29 Sep 2017 00:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 40817

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	15.4	12.6	19.0

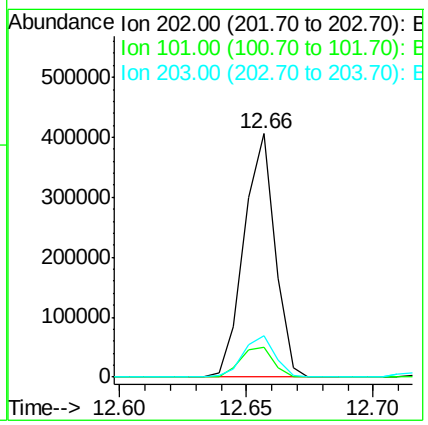


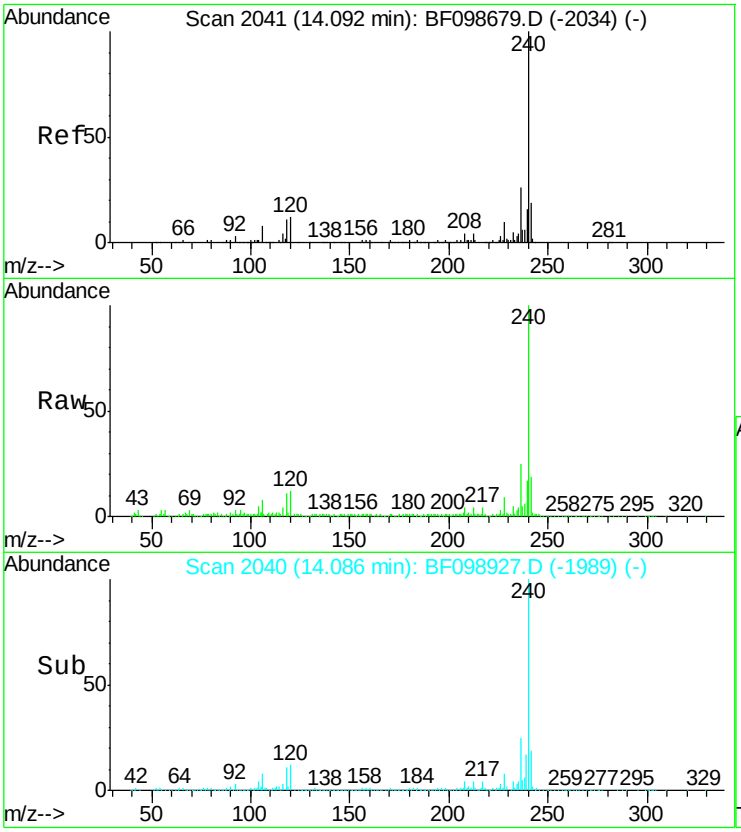


#74
Fluoranthene
Concen: 20.30 ng
RT: 12.66 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BF098927.D
Acq: 29 Sep 2017 00:48

Tgt Ion:202 Resp: 345843

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	34.1
203	17.2	0.0	38.1



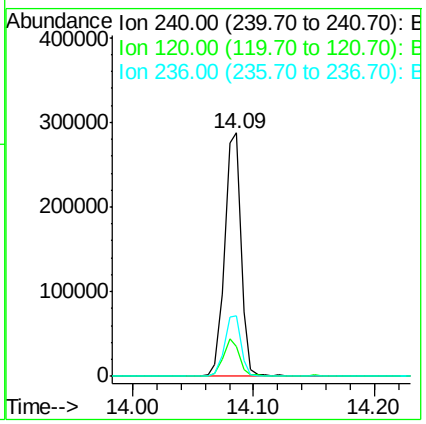


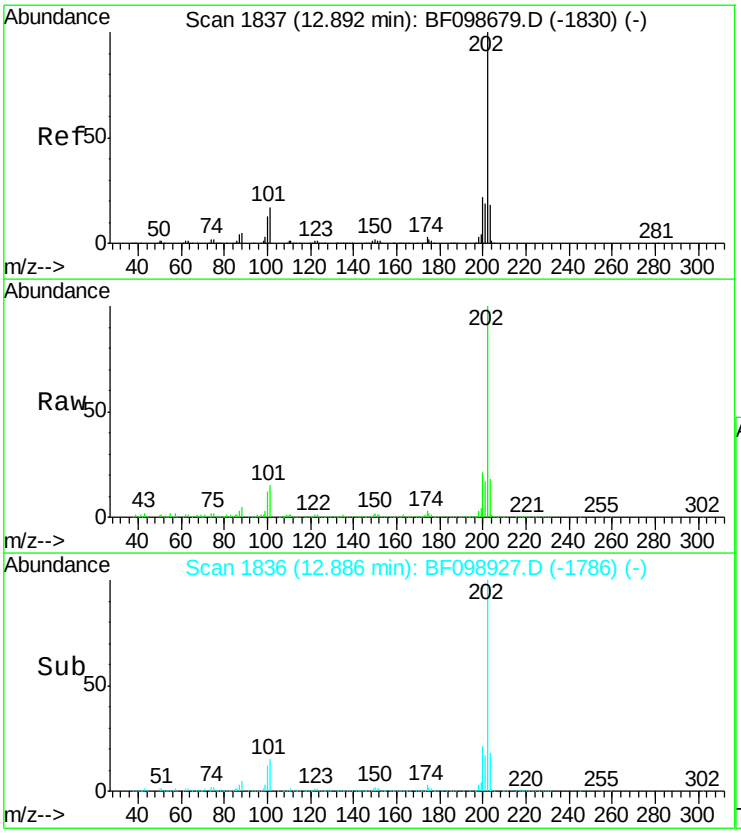
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BF098927.D
Acq: 29 Sep 2017 00:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 269875

Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.5	14.3
236	25.1	20.7	31.1

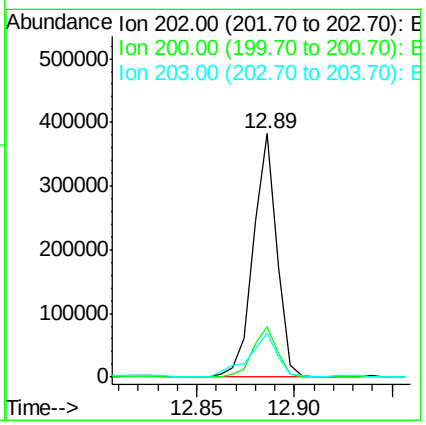


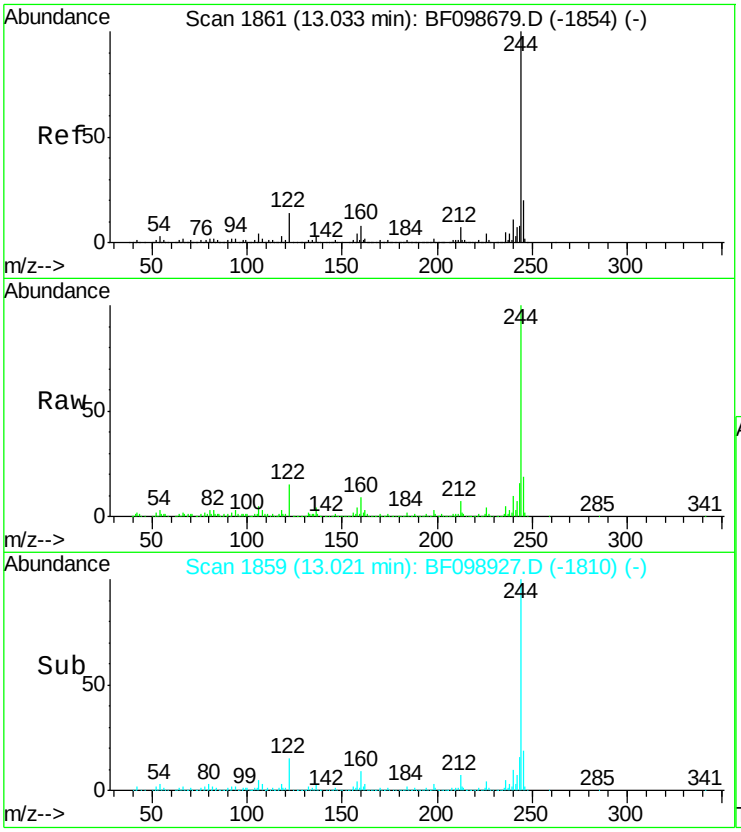


#77
Pyrene
Concen: 15.46 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF098927.D
Acq: 29 Sep 2017 00:48

Tgt Ion:202 Resp: 318157

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	18.0	14.3	21.5



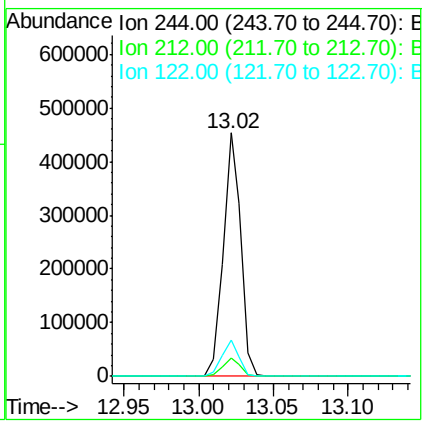


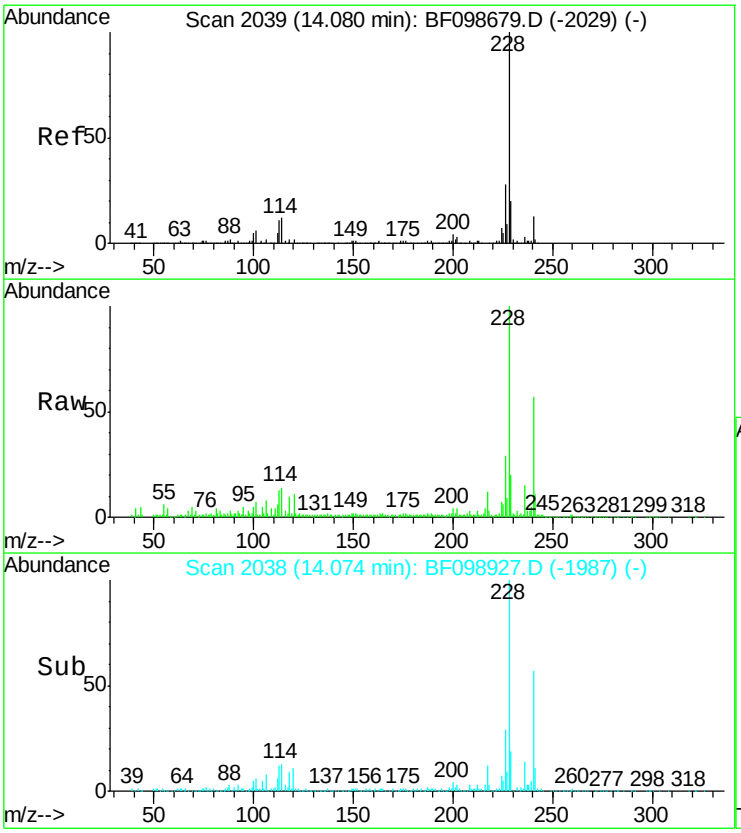
#78
Terphenyl-d14
Concen: 31.80 ng
RT: 13.02 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BF098927.D
Acq: 29 Sep 2017 00:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 377407

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	15.0	11.0	16.4

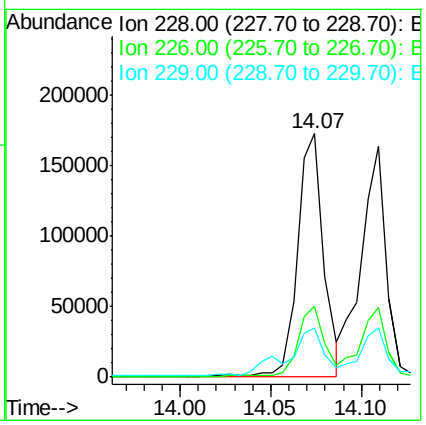


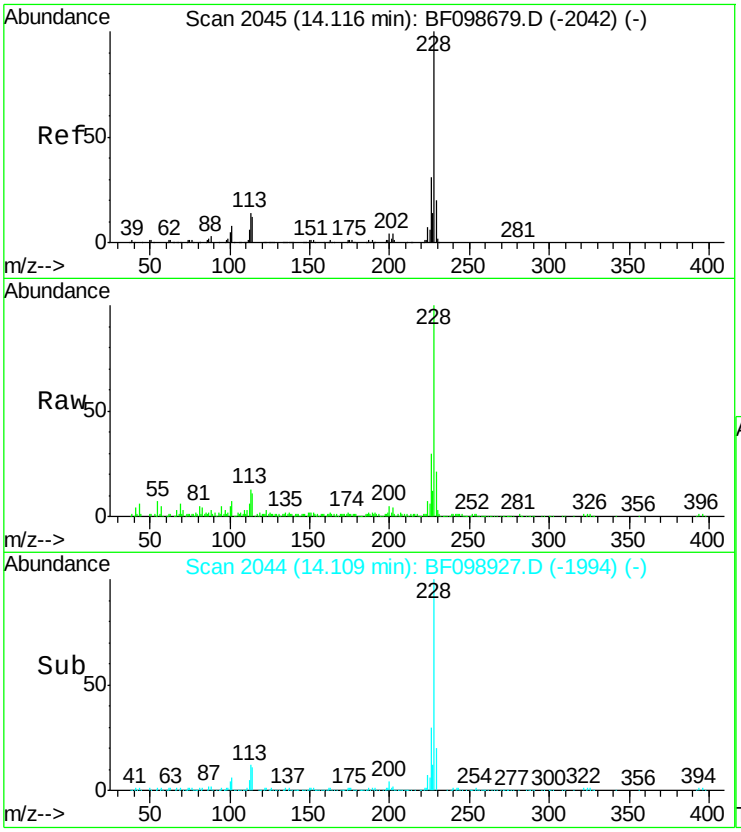


#80
Benzo(a)anthracene
Concen: 10.64 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BF098927.D
Acq: 29 Sep 2017 00:48

Tgt Ion:228 Resp: 173919

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.6	33.8
229	20.1	15.8	23.6



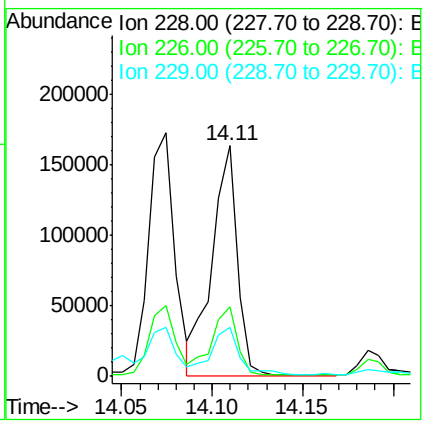


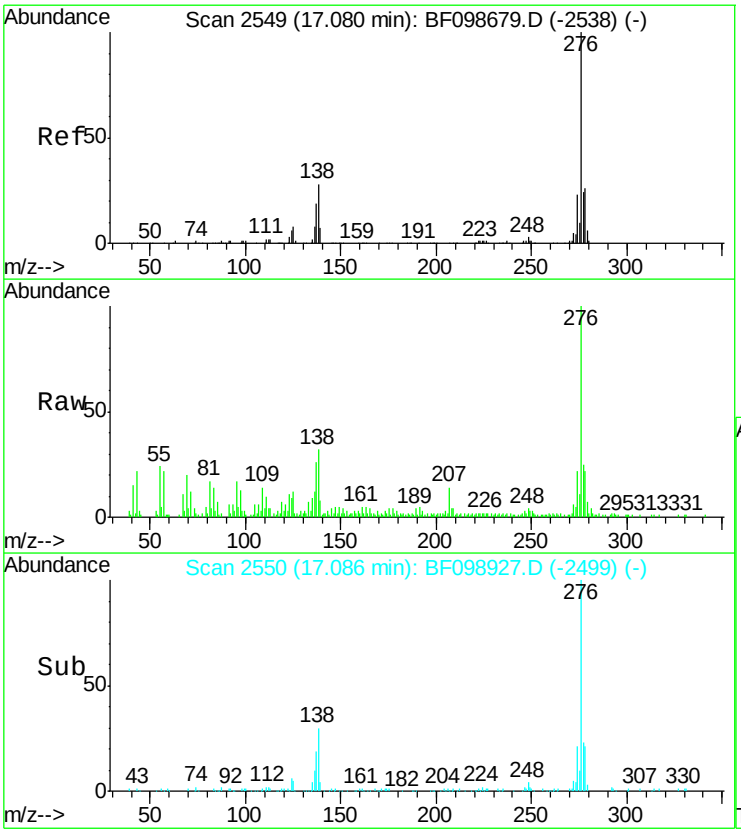
#82
Chrysene
Concen: 10.20 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF098927.D
Acq: 29 Sep 2017 00:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 158695

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	21.5	16.2	24.4

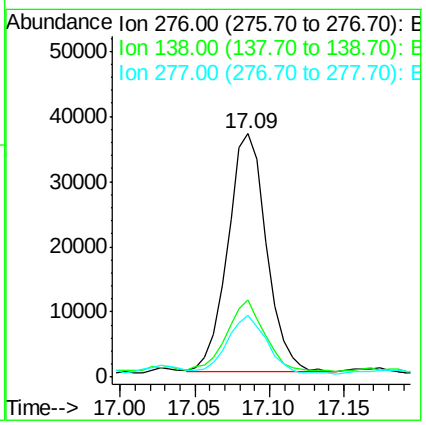


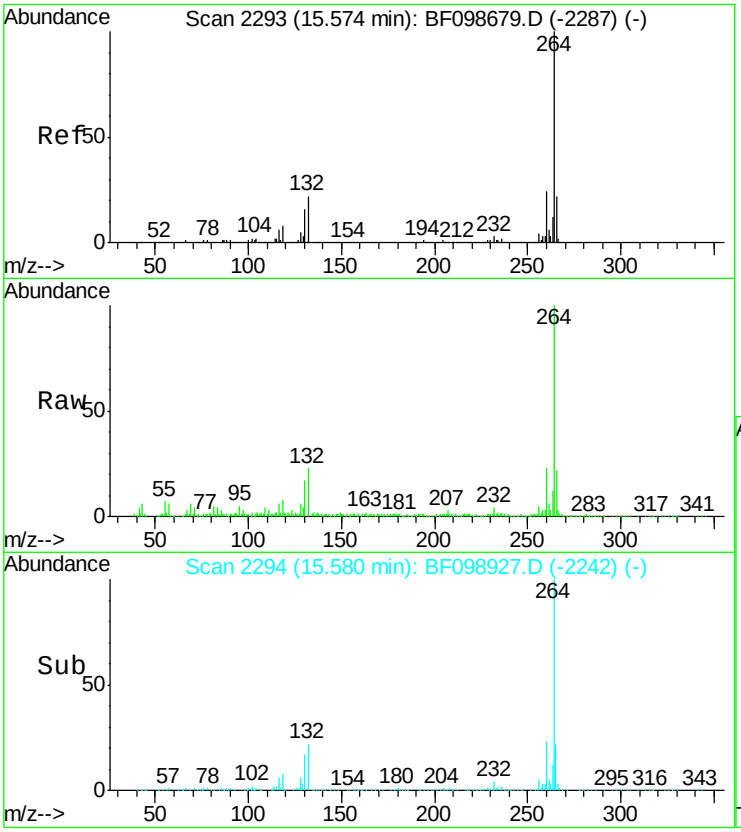


#85
Indeno(1,2,3-cd)pyrene
Concen: 5.27 ng
RT: 17.09 min Scan# 2550
Delta R.T. -0.00 min
Lab File: BF098927.D
Acq: 29 Sep 2017 00:48

Tgt Ion:276 Resp: 65554

Ion	Ratio	Lower	Upper
276	100		
138	30.7	25.0	37.6
277	25.3	20.1	30.1



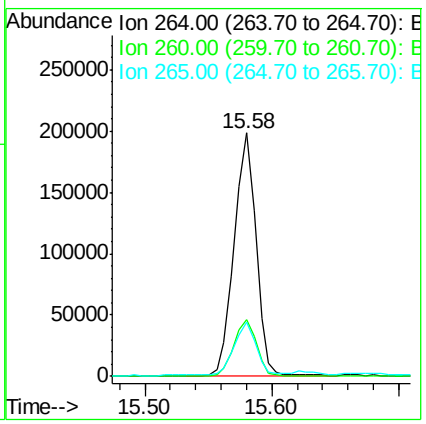


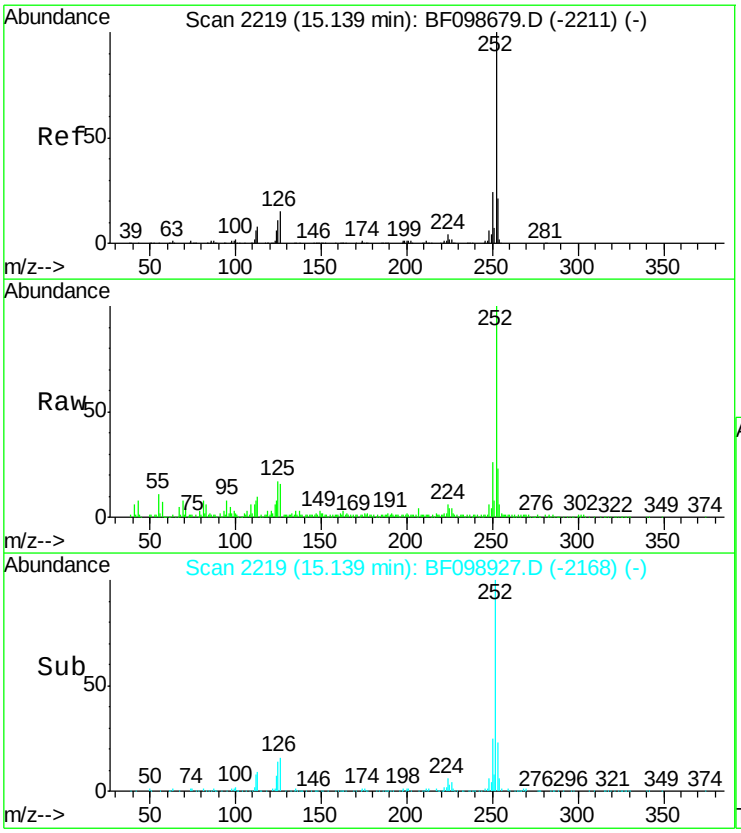
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BF098927.D
Acq: 29 Sep 2017 00:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 235303

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.3	17.5	26.3

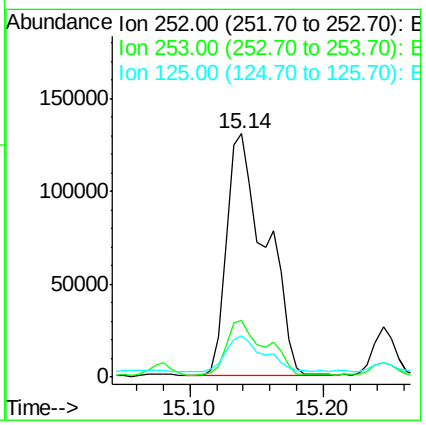


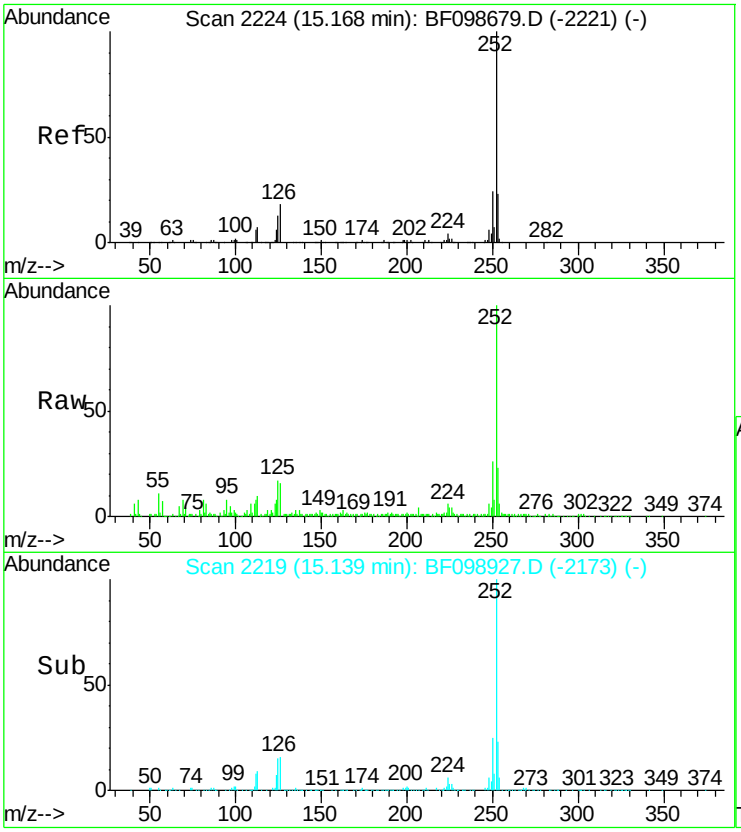


#87
Benzo(b)fluoranthene
Concen: 18.48 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BF098927.D
Acq: 29 Sep 2017 00:48

Tgt Ion:252 Resp: 267418

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.6
125	16.8	9.0	13.6#



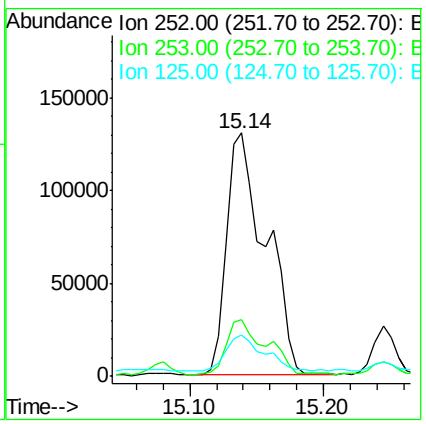


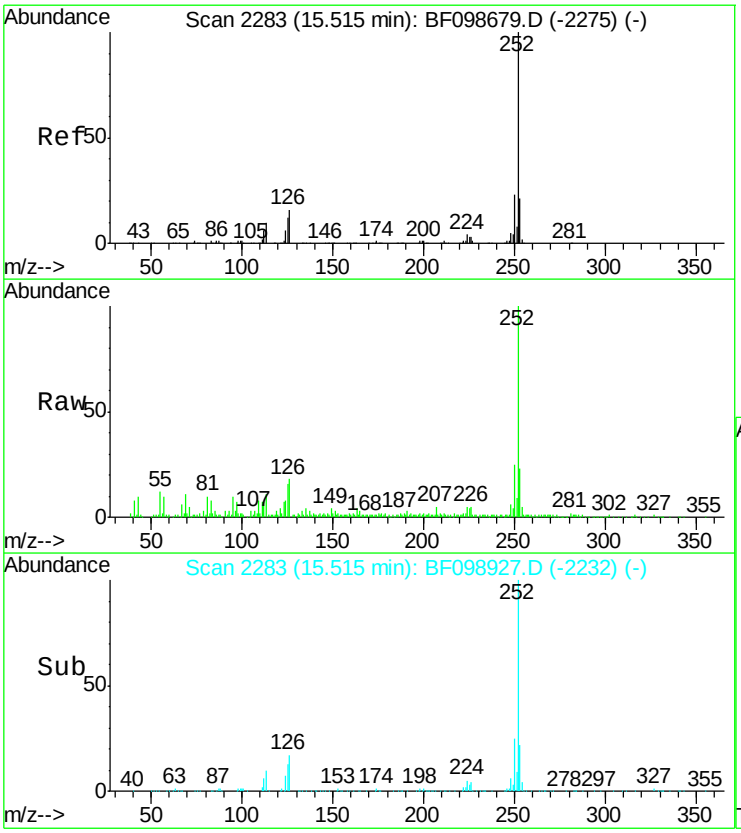
#88
Benzo(k)fluoranthene
Concen: 18.71 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.03 min
Lab File: BF098927.D
Acq: 29 Sep 2017 00:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 267418

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	16.8	10.2	15.2#

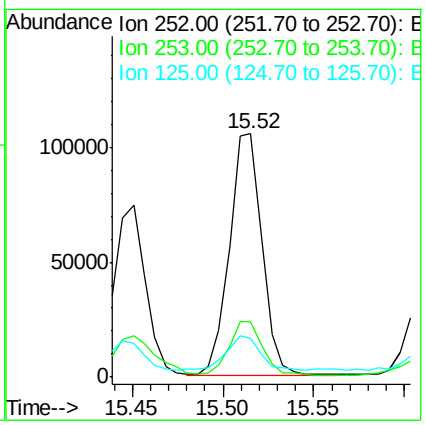


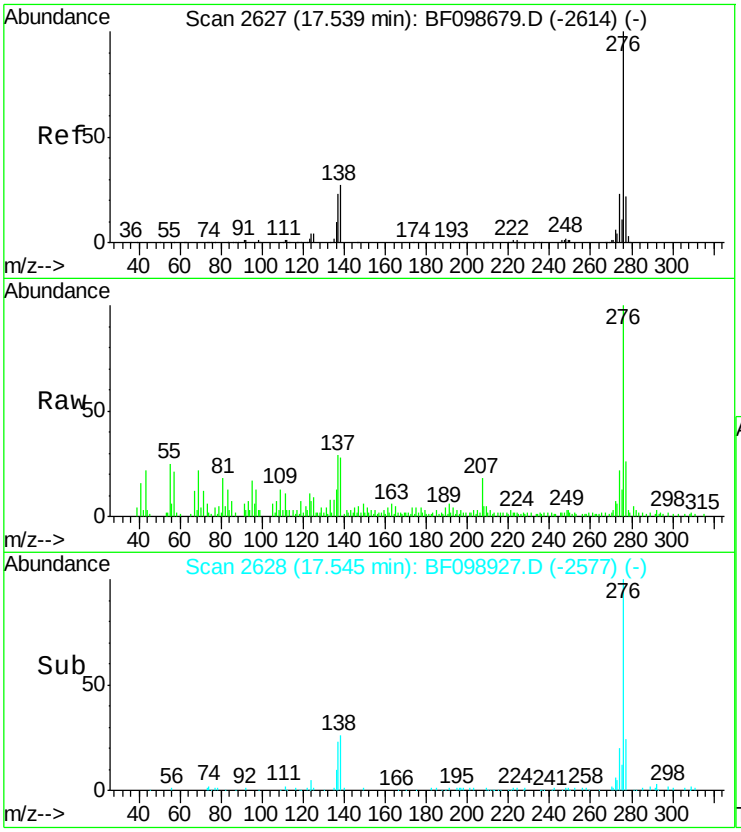


#89
Benzo(a)pyrene
Concen: 9.91 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF098927.D
Acq: 29 Sep 2017 00:48

Tgt Ion:252 Resp: 131646

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	15.7	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 5.80 ng
RT: 17.54 min Scan# 2628
Delta R.T. -0.00 min
Lab File: BF098927.D
Acq: 29 Sep 2017 00:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 60976

Ion	Ratio	Lower	Upper
276	100		
277	26.0	17.9	26.9
138	28.3	21.8	32.8