Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073117\
Data File : BF097213.D
Acq On : 31 Jul 2017 17:42
Operator : SJ/JU
Sample : I4488-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-072717-A

Quant Time: Aug 01 00:56:23 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	112308	20.00	ng		-0.02
21) Naphthalene-d8	7.76	136	472045	20.00	ng		-0.02
38) Acenaphthene-d10	9.51	164	156093	20.00	ng		-0.02
63) Phenanthrene-d10	10.99	188	219770	20.00	ng		-0.02
75) Chrysene-d12	13.62	240	200810	20.00	ng		-0.01
86) Perylene-d12	14.97	264	185289	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.09	112	408135	54.78	ng		-0.01
7) Phenol-d6	6.15	99	473228	55.64	ng		-0.02
23) Nitrobenzene-d5	7.05	82	255154	31.71	ng		-0.03
41) 2,4,6-Tribromophenol	10.30	330	58661	47.56	ng		-0.02
44) 2-Fluorobiphenyl	8.84	172	453748	49.33	ng		-0.03
78) Terphenyl-d14	12.57	244	270044	27.42	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.16	94	26200	2.60	ng		79
25) Isophorone	7.05	82	248300	15.76	ng	#	68
31) Naphthalene	7.78	128	56987	2.56	ng		99
37) 2-Methylnaphthalene	8.47	142	84827	6.02	ng		98
48) Acenaphthylene	9.37	152	130028	8.63	ng		98
49) Dimethylphthalate	9.24	163	78873	6.65	ng	#	99
51) Acenaphthene	9.54	154	104430	11.77	ng		98
54) Dibenzofuran	9.72	168	62934	5.33	ng	#	89
57) Fluorene	10.05	166	175749	19.79	ng		97
70) Phenanthrene	11.01	178	658565	55.93	ng		99
71) Anthracene	11.06	178	234265	19.42	ng		98
72) Carbazole	11.22	167	35171	2.97	ng		93
74) Fluoranthene	12.20	202	673113	58.35	ng		99
77) Pyrene	12.42	202	785770	47.80	ng		100
80) Benzo(a)anthracene	13.61	228	325518	25.05	ng	#	90
82) Chrysene	13.61	228	325518	25.66	ng		93
85) Indeno(1,2,3-cd)pyrene	16.20	276	107076	9.84	ng		97
87) Benzo(b)fluoranthene	14.62	252	397903	35.72	ng	#	95
88) Benzo(k)fluoranthene	14.62	252	397903	37.49	ng		99
89) Benzo(a)pyrene	14.92	252	261710	25.67	ng	#	96
90) Dibenzo(a,h)anthracene	16.20	278	28766	3.44	ng	#	65
91) Benzo(g,h,i)perylene	16.57	276	104743	11.95	ng		98

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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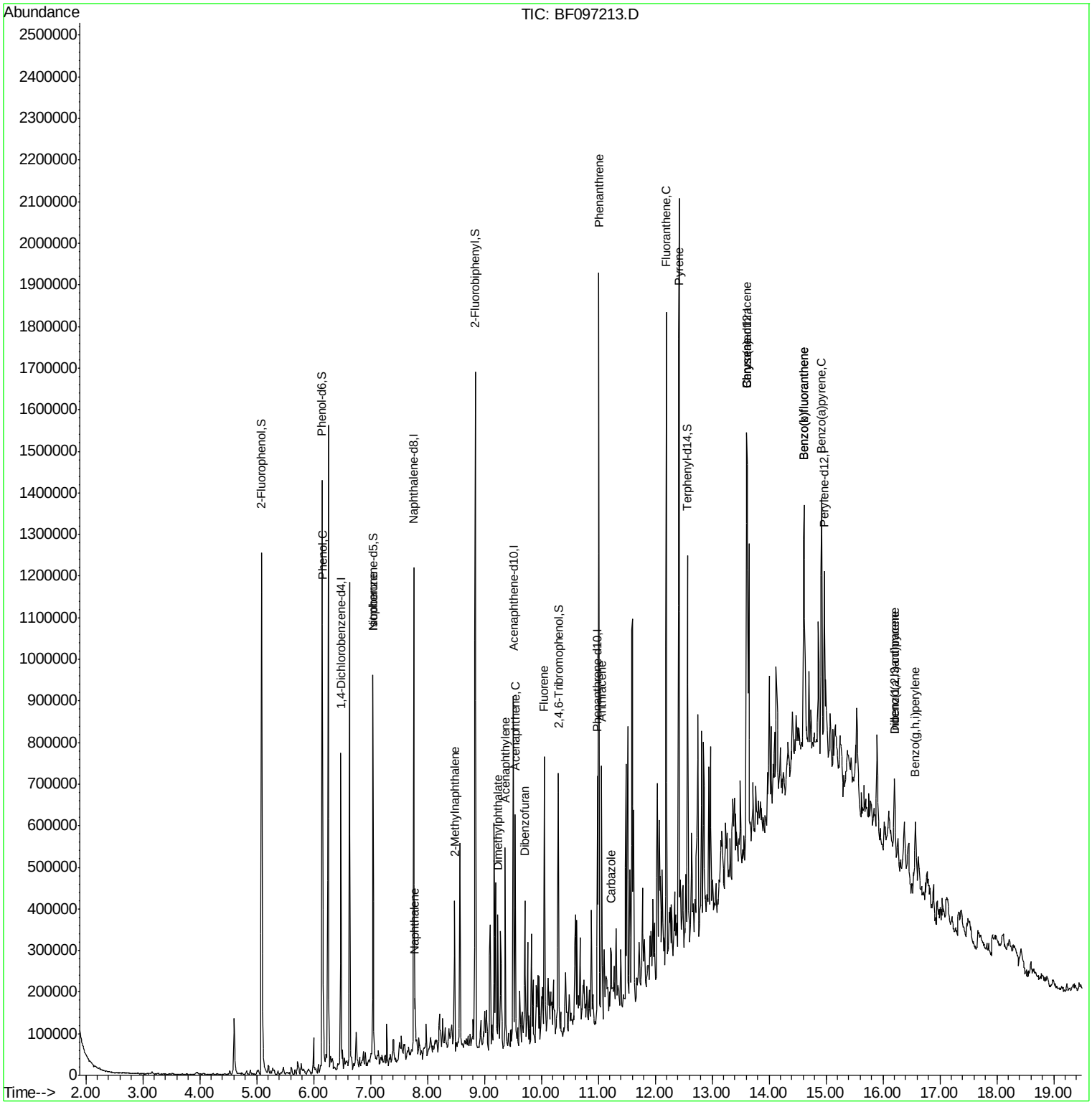
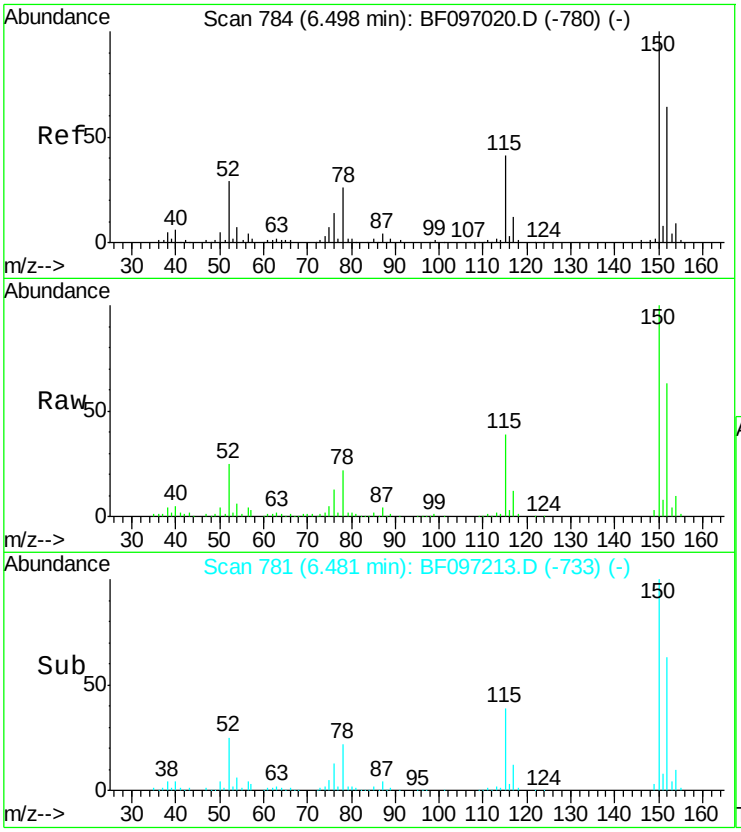


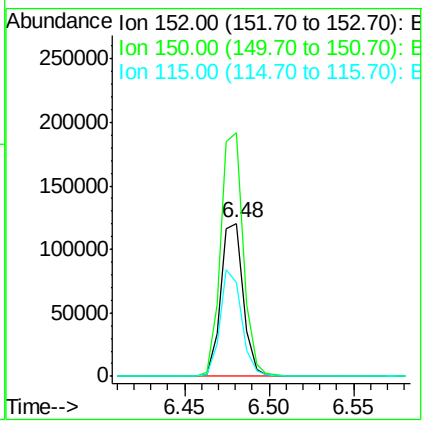


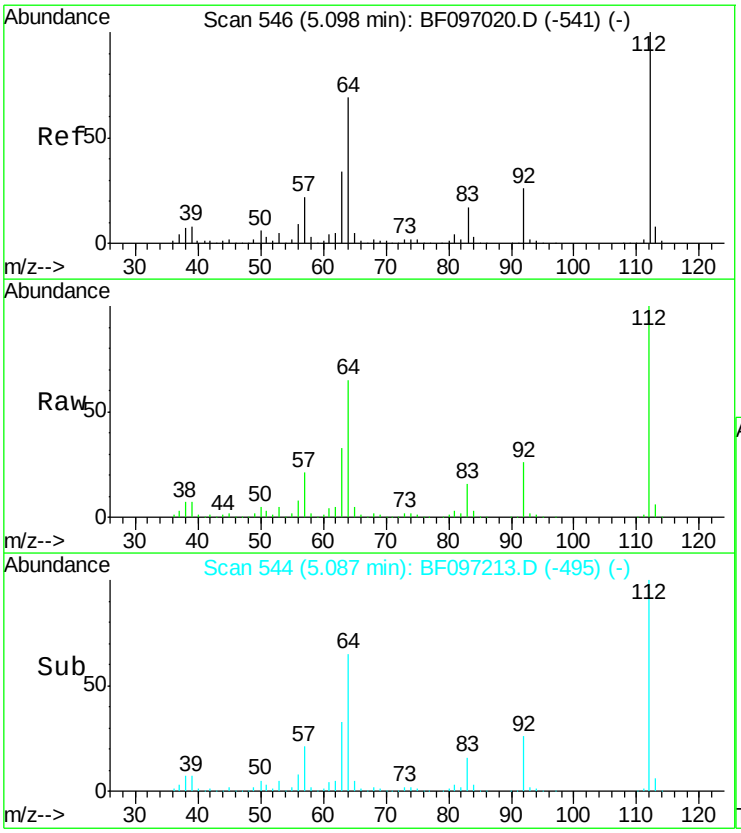
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.48 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF097213.D
Acq: 31 Jul 2017 17:42

Instrument :
BNA_F
ClientSampleId :
CL-02-072717-A

Tgt Ion:152 Resp: 112308

Ion	Ratio	Lower	Upper
152	100		
150	159.1	126.2	189.2
115	61.3	52.2	78.2

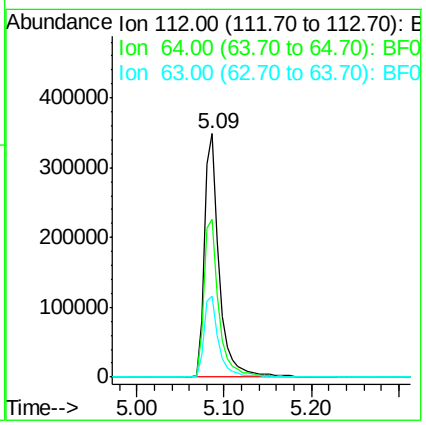


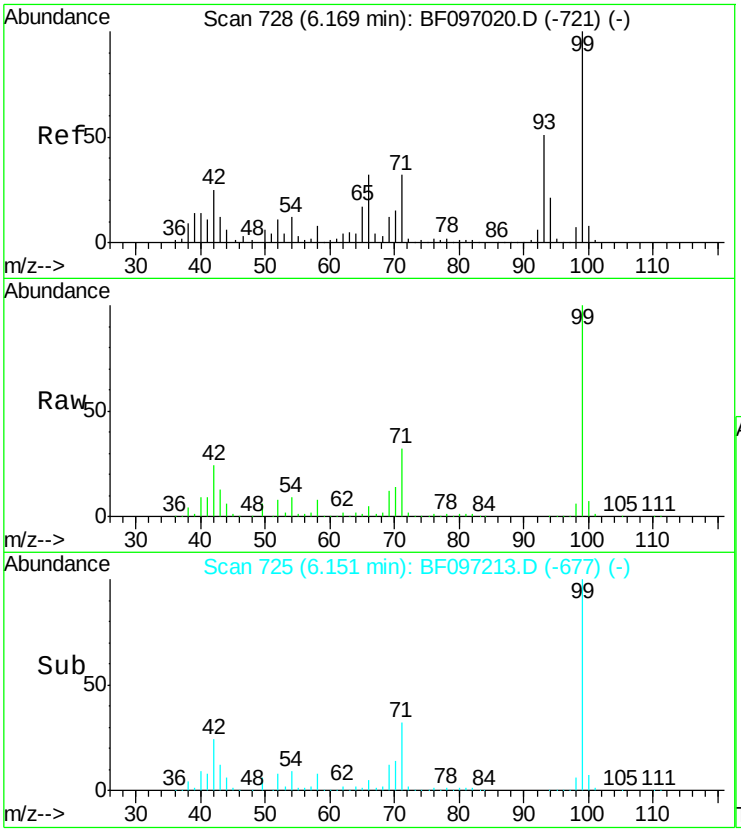


#5
2-Fluorophenol
Concen: 54.78 ng
RT: 5.09 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF097213.D
Acq: 31 Jul 2017 17:42

Tgt Ion:112 Resp: 408135

Ion	Ratio	Lower	Upper
112	100		
64	64.8	46.0	69.0
63	33.3	23.4	35.0



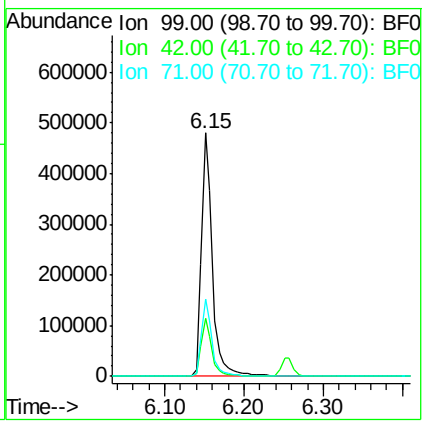


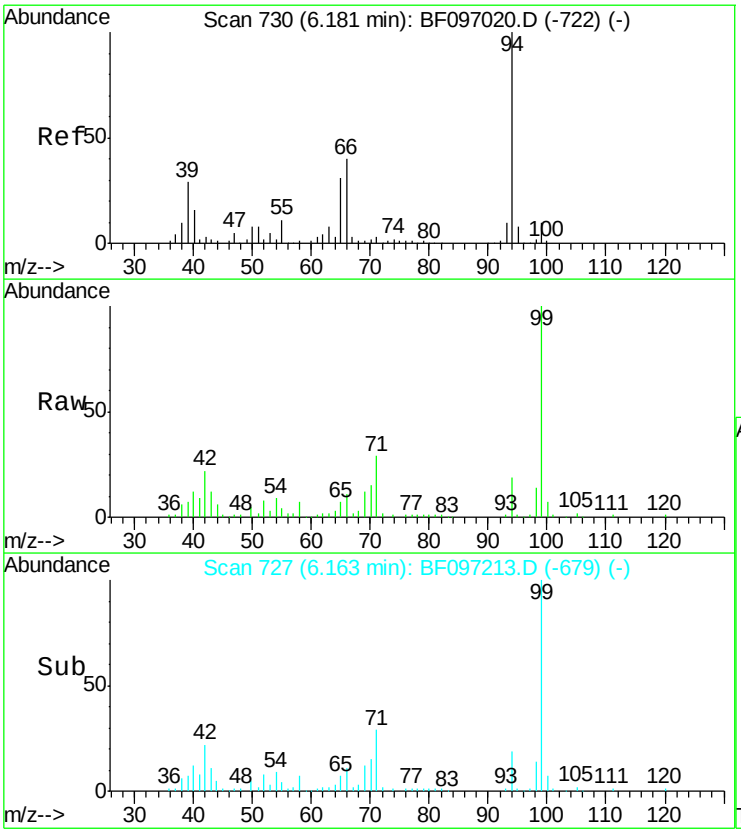
#7
Phenol-d6
Concen: 55.64 ng
RT: 6.15 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF097213.D
Acq: 31 Jul 2017 17:42

Instrument :
BNA_F
ClientSampleId :
CL-02-072717-A

Tgt Ion: 99 Resp: 473228

Ion	Ratio	Lower	Upper
99	100		
42	23.7	13.5	20.3#
71	31.8	24.5	36.7

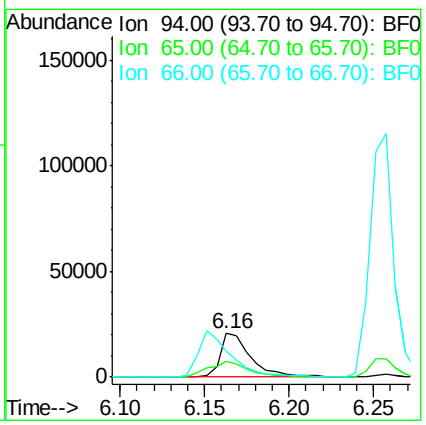


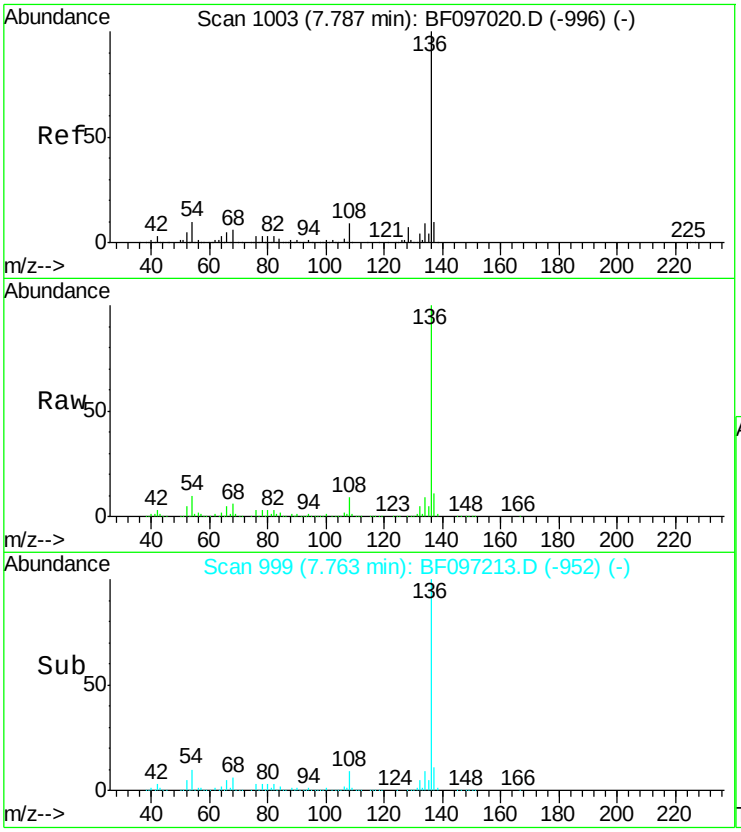


#10
Phenol
Concen: 2.60 ng
RT: 6.16 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF097213.D
Acq: 31 Jul 2017 17:42

Tgt Ion: 94 Resp: 26200

Ion	Ratio	Lower	Upper
94	100		
65	36.9	9.9	49.9
66	59.8	23.1	63.1



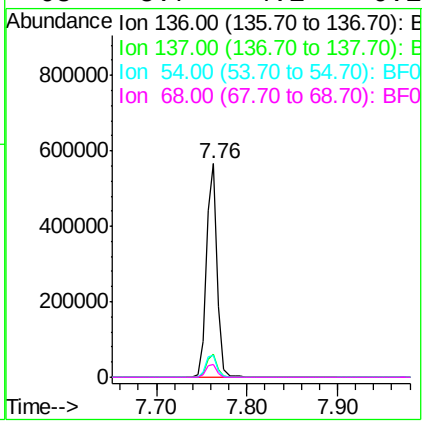


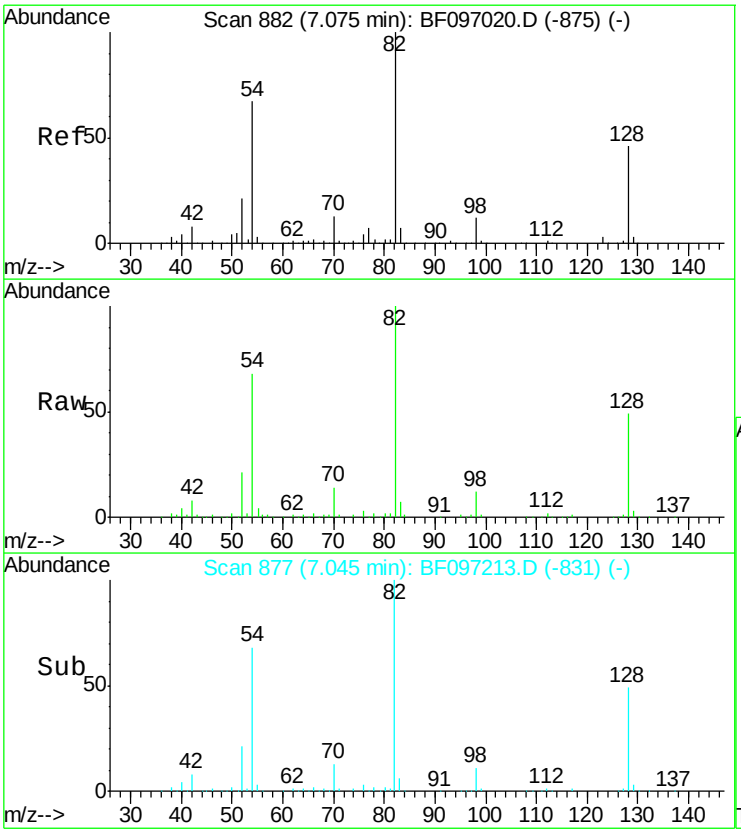
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.76 min Scan# 999
Delta R.T. -0.02 min
Lab File: BF097213.D
Acq: 31 Jul 2017 17:42

Instrument :
BNA_F
ClientSampleId :
CL-02-072717-A

Tgt Ion:136 Resp: 472045

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	10.1	4.9	7.3#
68	5.7	4.1	6.1

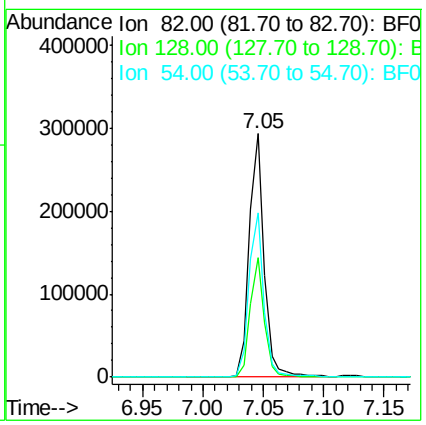


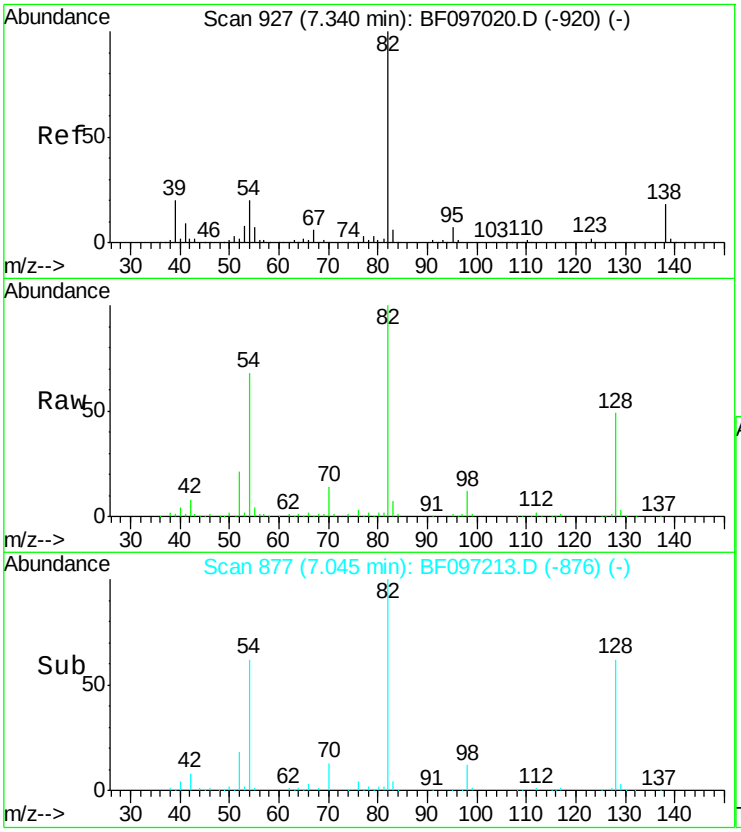


#23
Nitrobenzene-d5
Concen: 31.71 ng
RT: 7.05 min Scan# 877
Delta R.T. -0.03 min
Lab File: BF097213.D
Acq: 31 Jul 2017 17:42

Tgt Ion: 82 Resp: 255154

Ion	Ratio	Lower	Upper
82	100		
128	48.9	34.0	51.0
54	67.5	42.2	63.2#



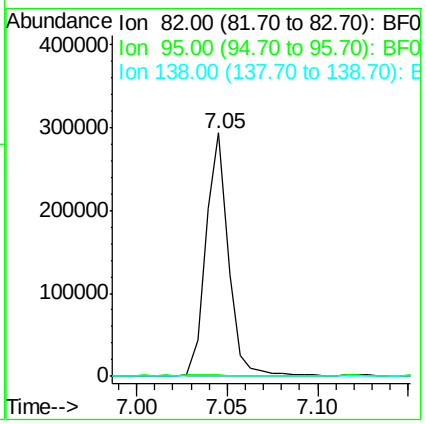


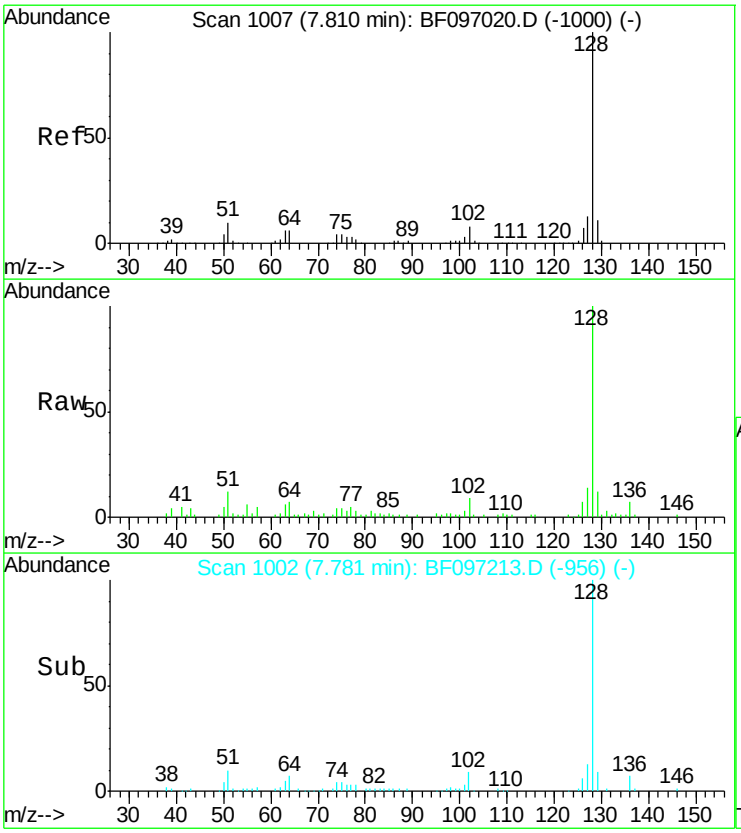
#25
Isophorone
Concen: 15.76 ng
RT: 7.05 min Scan# 877
Delta R.T. -0.29 min
Lab File: BF097213.D
Acq: 31 Jul 2017 17:42

Instrument :
BNA_F
ClientSampleId :
CL-02-072717-A

Tgt Ion: 82 Resp: 248300

Ion	Ratio	Lower	Upper
82	100		
95	0.5	5.3	7.9#
138	0.0	13.1	19.7#

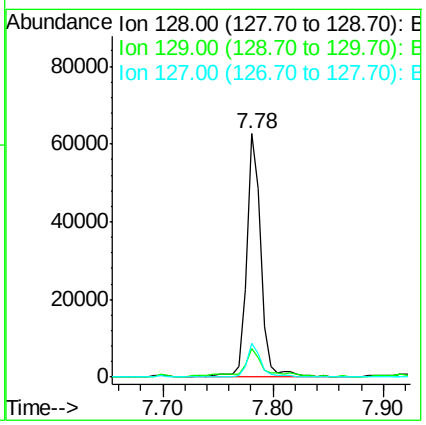


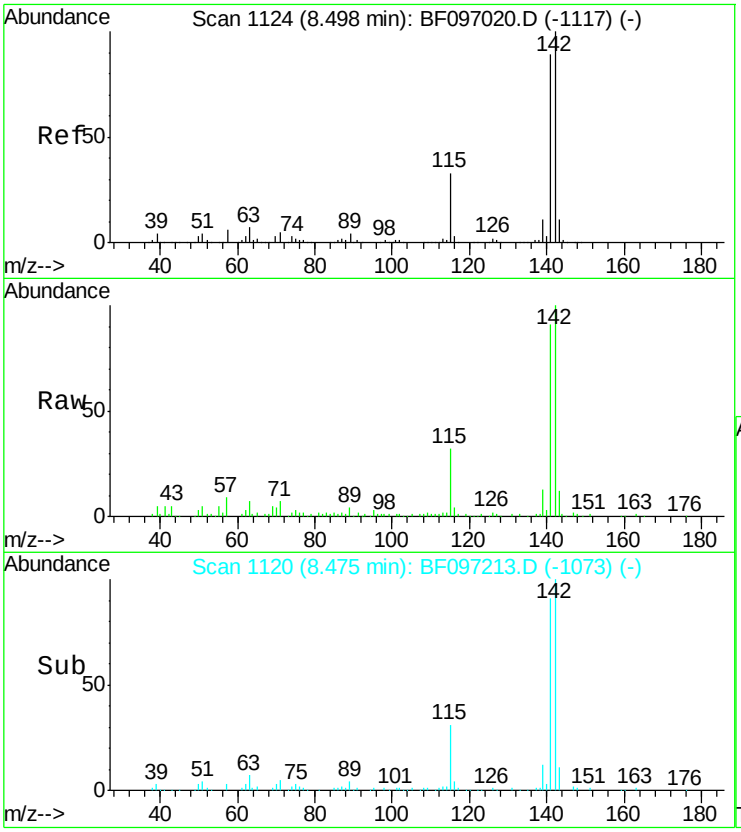


#31
Naphthalene
Concen: 2.56 ng
RT: 7.78 min Scan# 1002
Delta R.T. -0.03 min
Lab File: BF097213.D
Acq: 31 Jul 2017 17:42

Tgt Ion:128 Resp: 56987

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.0	13.6
127	13.6	10.8	16.2



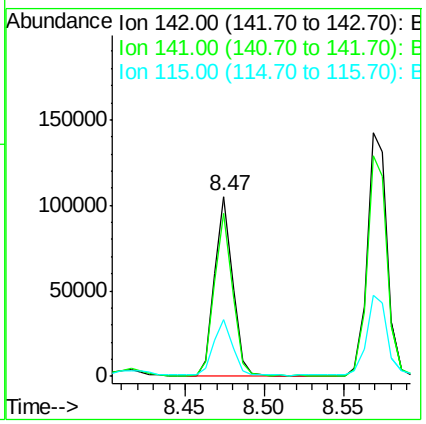


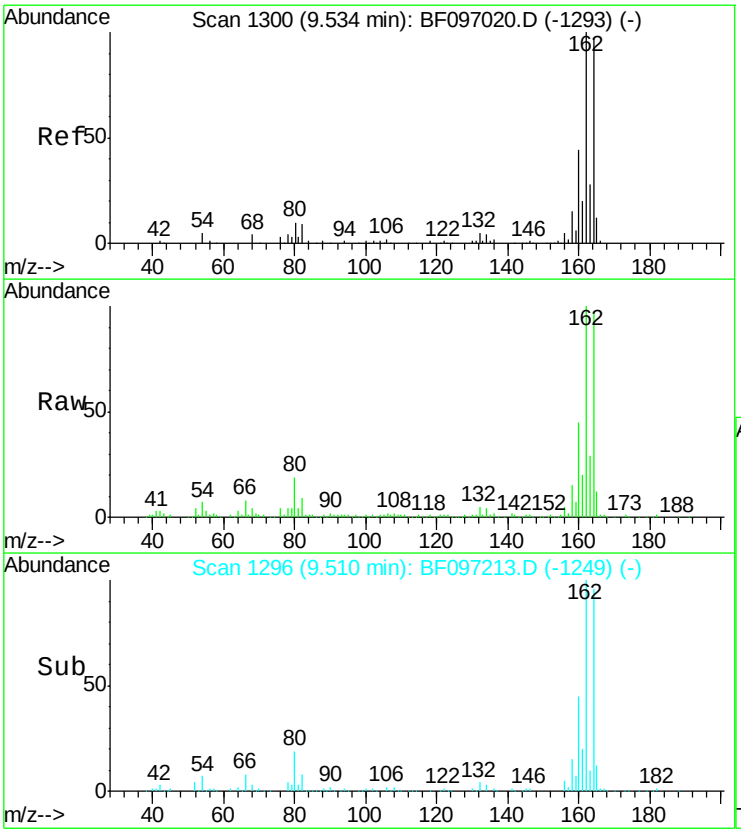
#37
2-Methylnaphthalene
Concen: 6.02 ng
RT: 8.47 min Scan# 1120
Delta R.T. -0.02 min
Lab File: BF097213.D
Acq: 31 Jul 2017 17:42

Instrument :
BNA_F
ClientSampleId :
CL-02-072717-A

Tgt Ion:142 Resp: 84827

Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.3	106.9
115	31.9	27.1	40.7

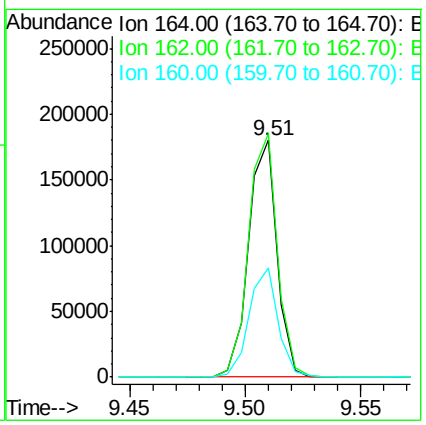


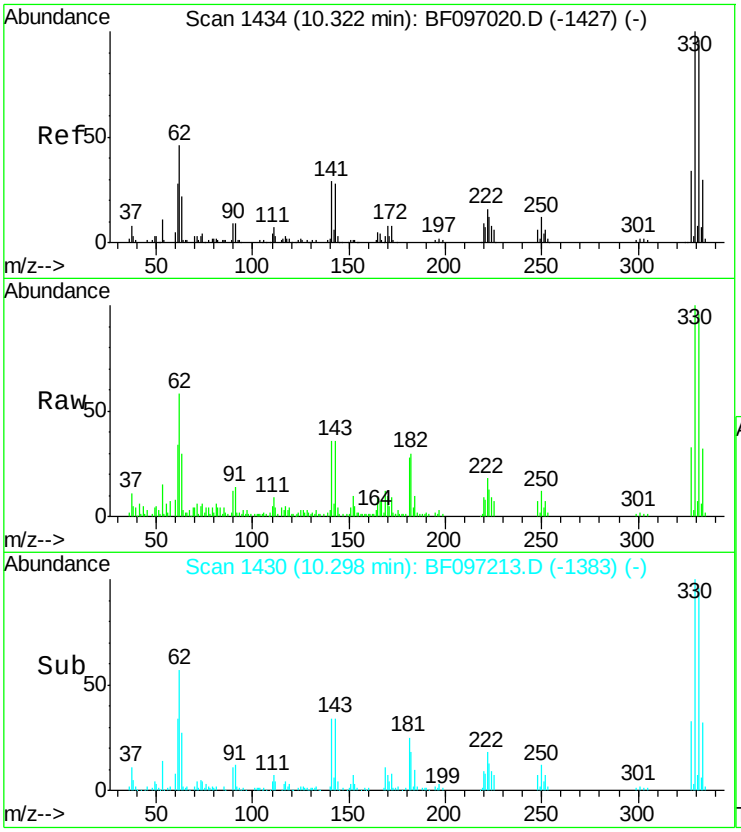


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.51 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BF097213.D
Acq: 31 Jul 2017 17:42

Tgt Ion:164 Resp: 156093

Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.6	123.8
160	46.0	36.2	54.2



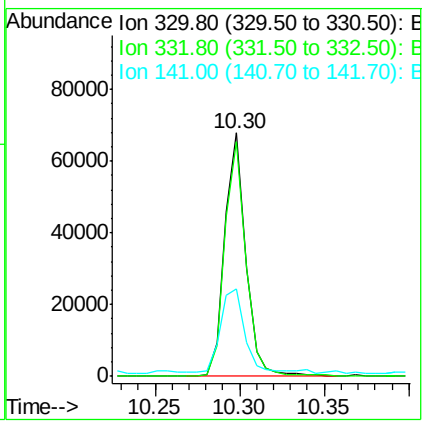


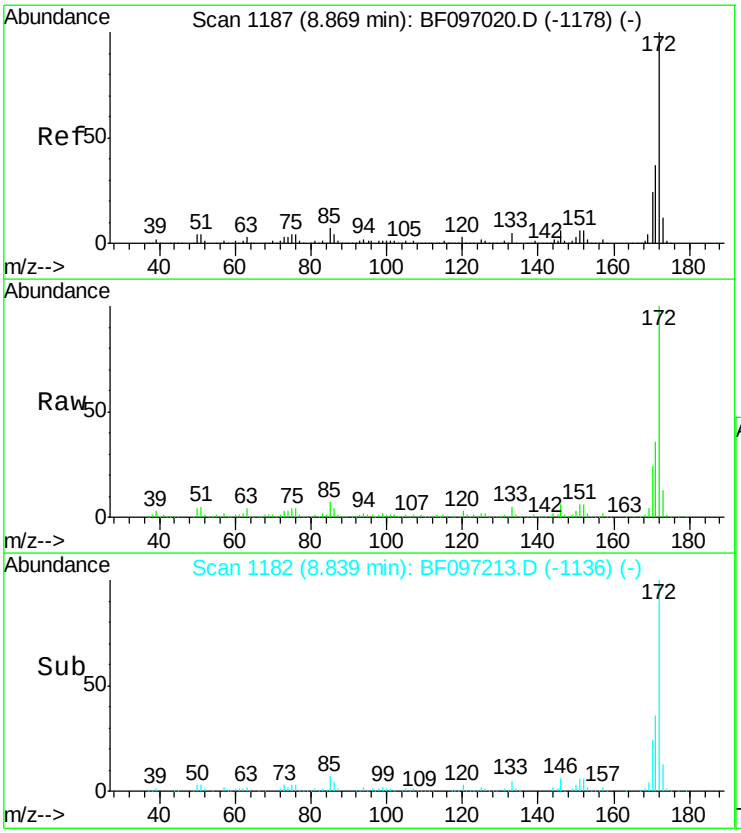
#41
2,4,6-Tribromophenol
Concen: 47.56 ng
RT: 10.30 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF097213.D
Acq: 31 Jul 2017 17:42

Instrument :
BNA_F
ClientSampleId :
CL-02-072717-A

Tgt Ion:330 Resp: 58661

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	115.0
141	39.1	31.4	47.2

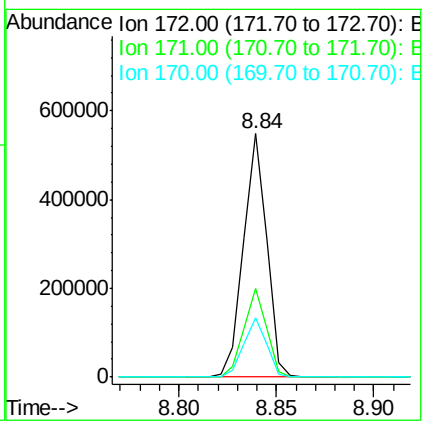


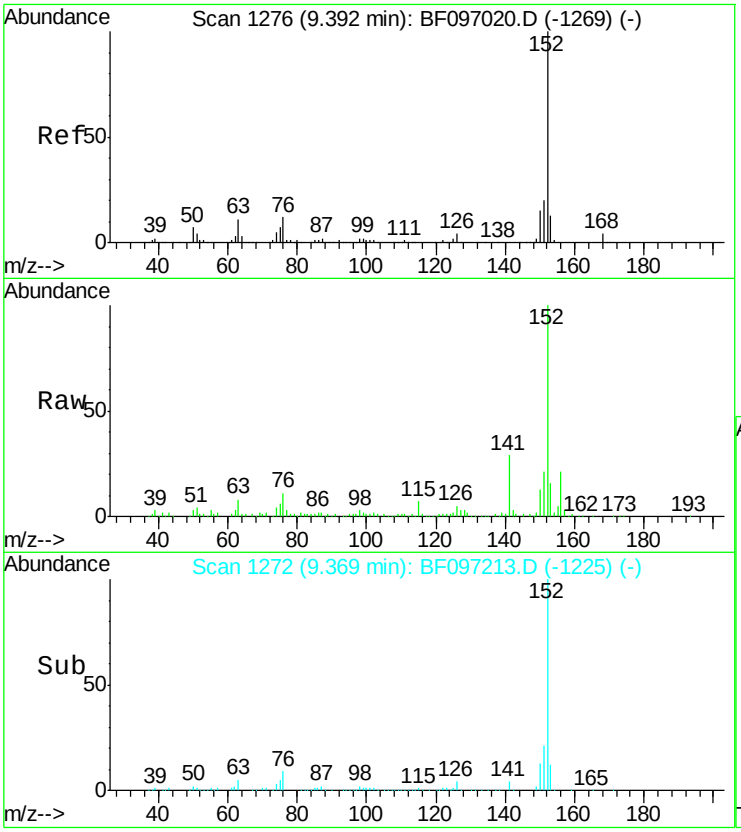


#44
2-Fluorobiphenyl
Concen: 49.33 ng
RT: 8.84 min Scan# 1182
Delta R.T. -0.03 min
Lab File: BF097213.D
Acq: 31 Jul 2017 17:42

Tgt Ion:172 Resp: 453748

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.2	19.8	29.8



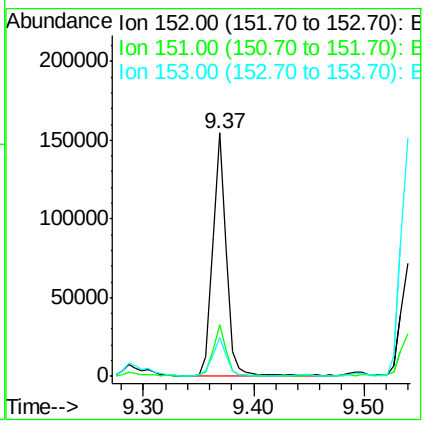


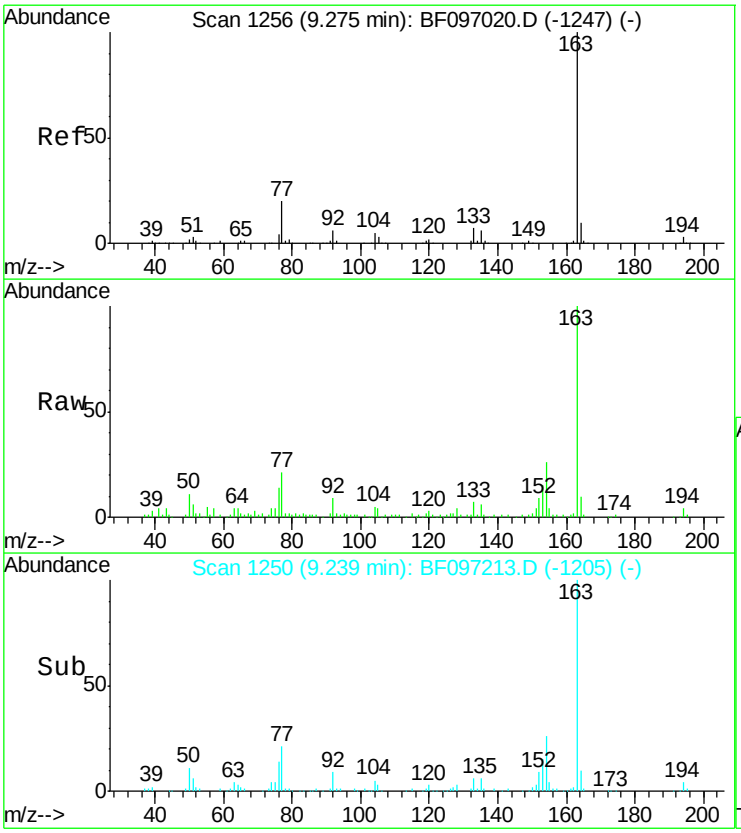
#48
Acenaphthylene
Concen: 8.63 ng
RT: 9.37 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BF097213.D
Acq: 31 Jul 2017 17:42

Instrument :
BNA_F
ClientSampleId :
CL-02-072717-A

Tgt Ion:152 Resp: 130028

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.8	25.2
153	15.9	10.8	16.2

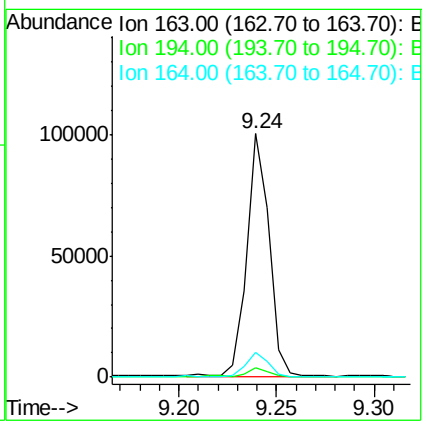


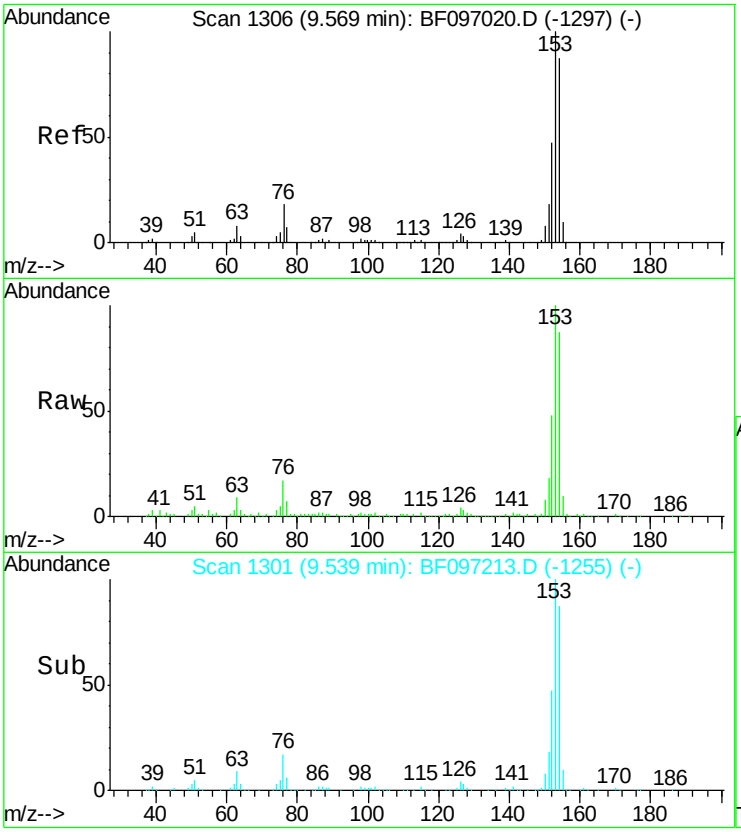


#49
Dimethylphthalate
Concen: 6.65 ng
RT: 9.24 min Scan# 1250
Delta R.T. -0.04 min
Lab File: BF097213.D
Acq: 31 Jul 2017 17:42

Tgt Ion:163 Resp: 78873

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.6	4.0#
164	10.1	8.4	12.6



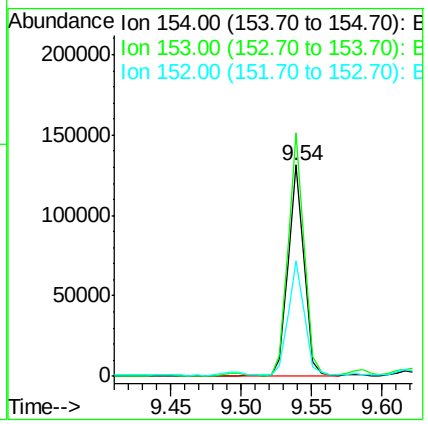


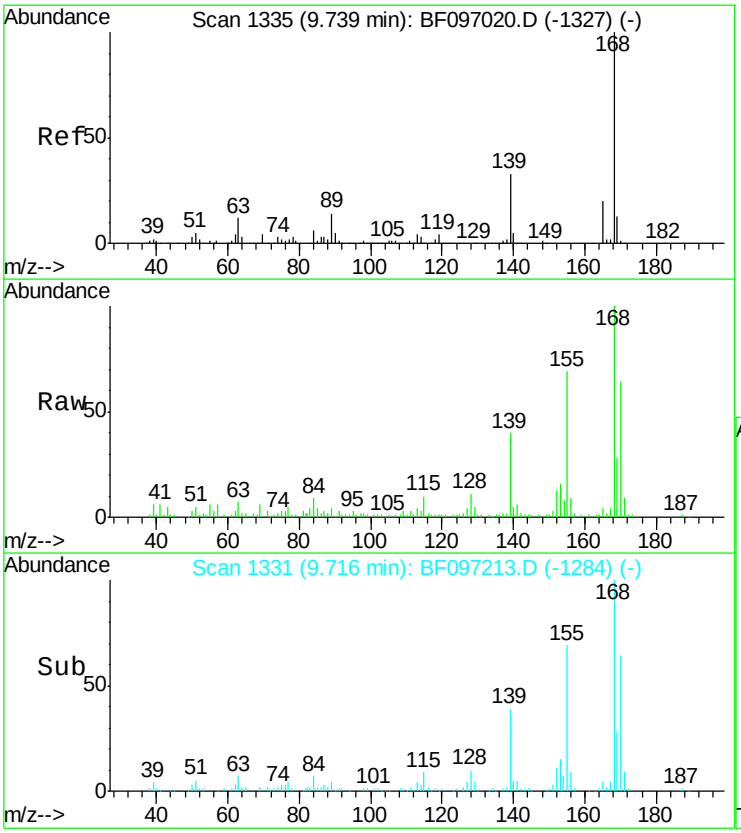
#51
Acenaphthene
Concen: 11.77 ng
RT: 9.54 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BF097213.D
Acq: 31 Jul 2017 17:42

Instrument :
BNA_F
ClientSampleId :
CL-02-072717-A

Tgt Ion:154 Resp: 104430

Ion	Ratio	Lower	Upper
154	100		
153	115.3	90.5	135.7
152	54.9	43.6	65.4

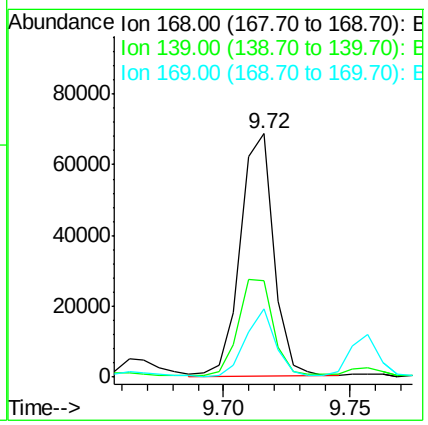


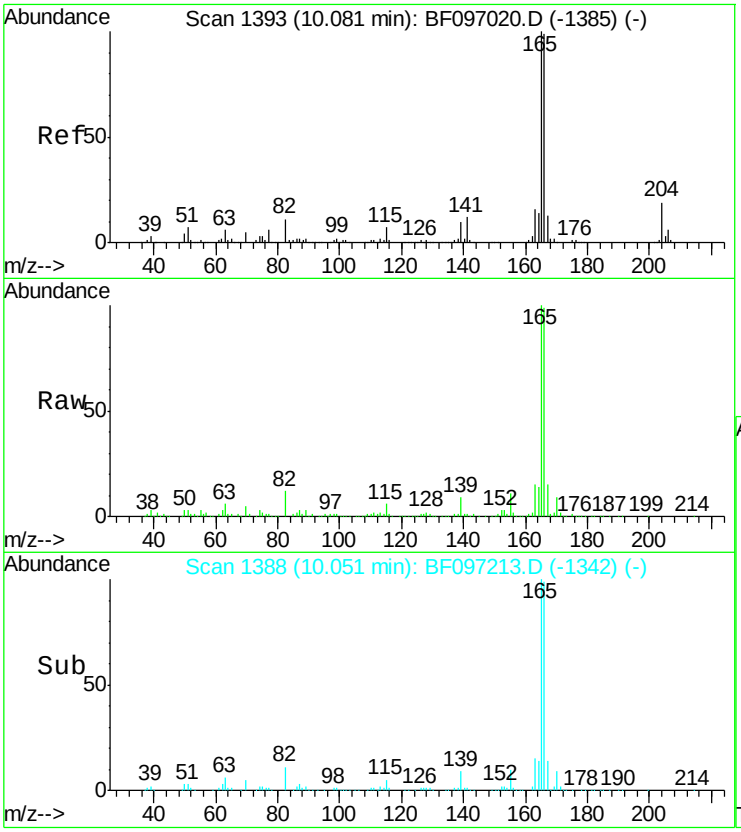


#54
Dibenzofuran
Concen: 5.33 ng
RT: 9.72 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF097213.D
Acq: 31 Jul 2017 17:42

Tgt Ion:168 Resp: 62934

Ion	Ratio	Lower	Upper
168	100		
139	39.6	30.6	45.8
169	28.2	10.8	16.2#



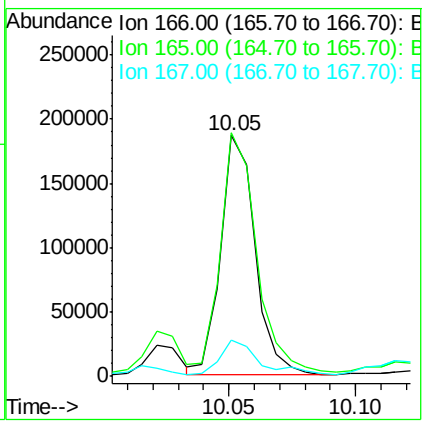


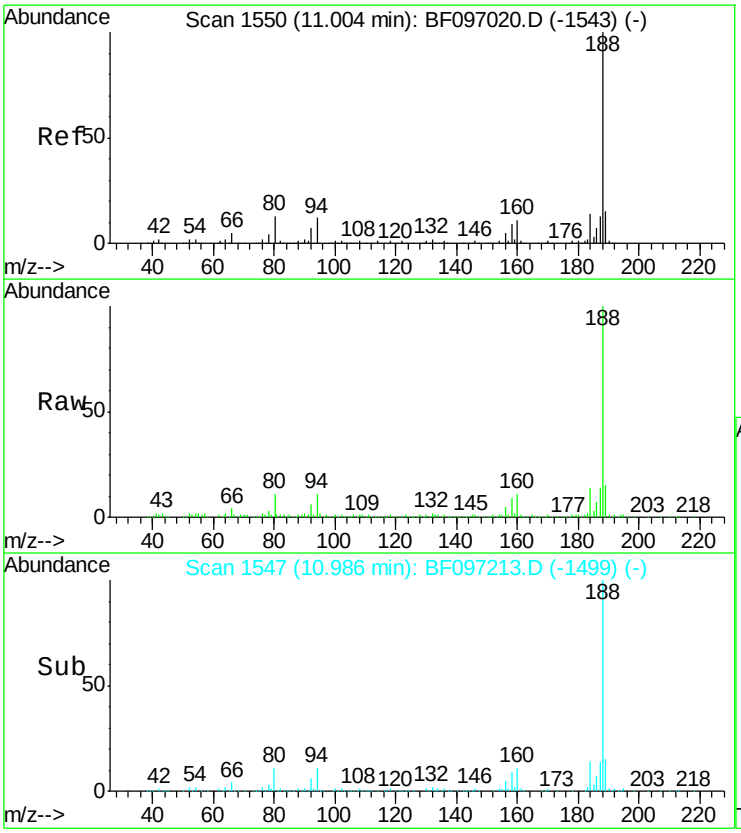
#57
Fluorene
Concen: 19.79 ng
RT: 10.05 min Scan# 1388
Delta R.T. -0.03 min
Lab File: BF097213.D
Acq: 31 Jul 2017 17:42

Instrument :
BNA_F
ClientSampleId :
CL-02-072717-A

Tgt Ion:166 Resp: 175749

Ion	Ratio	Lower	Upper
166	100		
165	101.3	78.8	118.2
167	14.9	10.6	16.0

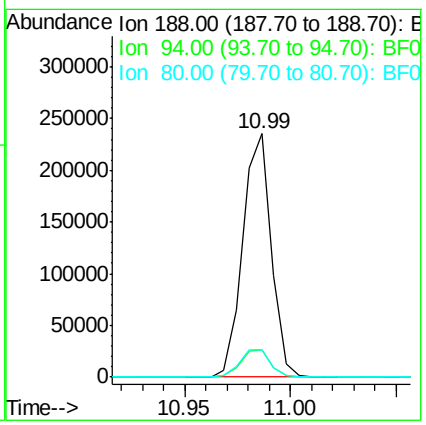


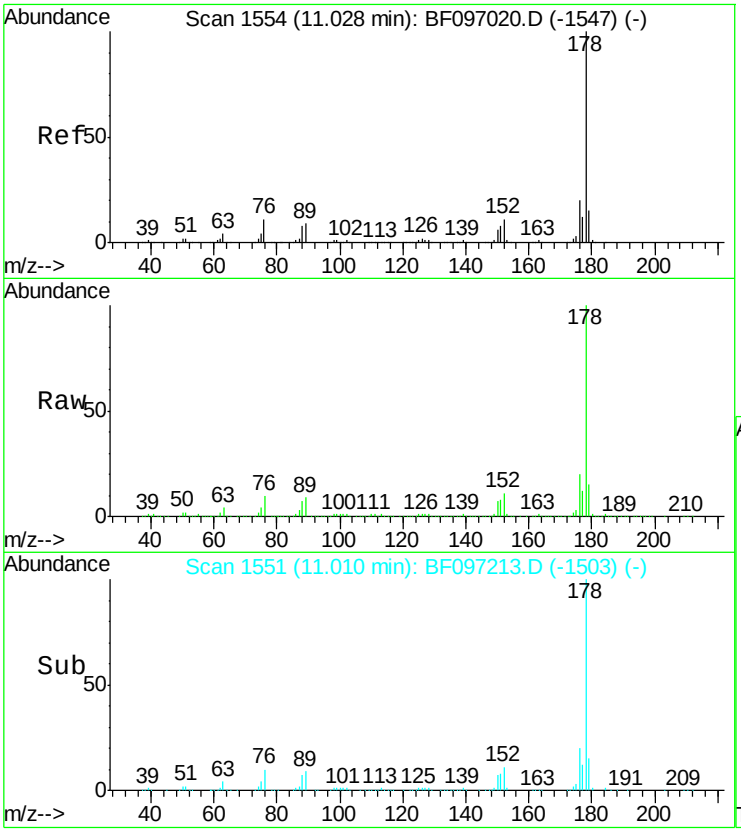


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF097213.D
Acq: 31 Jul 2017 17:42

Tgt Ion:188 Resp: 219770

Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.4	14.2
80	11.4	10.2	15.2



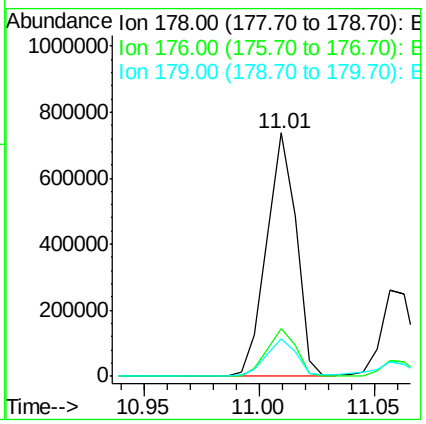


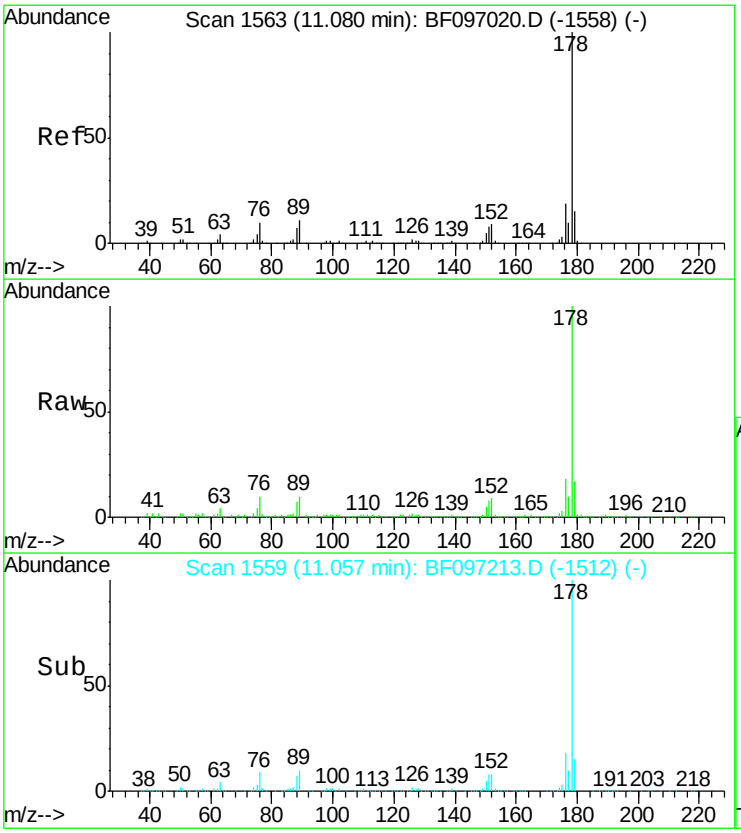
#70
Phenanthrene
Concen: 55.93 ng
RT: 11.01 min Scan# 1551
Delta R.T. -0.02 min
Lab File: BF097213.D
Acq: 31 Jul 2017 17:42

Instrument :
BNA_F
ClientSampleId :
CL-02-072717-A

Tgt Ion:178 Resp: 658565

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.2	24.4
179	15.4	12.6	19.0

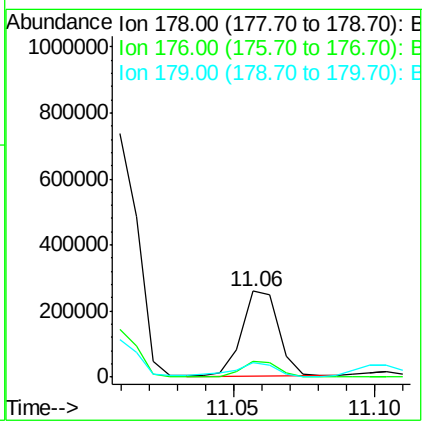


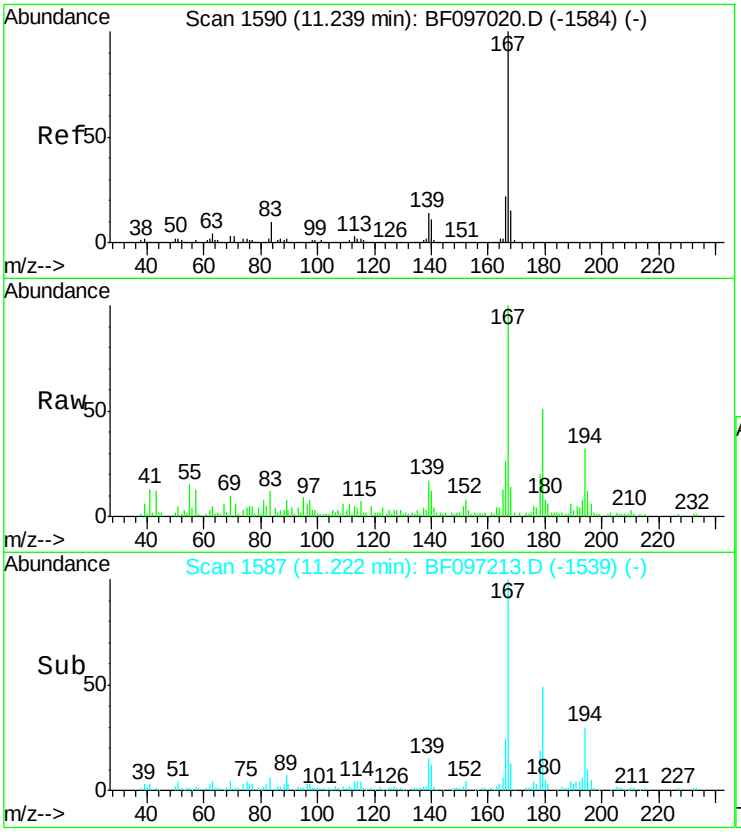


#71
Anthracene
Concen: 19.42 ng
RT: 11.06 min Scan# 1559
Delta R.T. -0.02 min
Lab File: BF097213.D
Acq: 31 Jul 2017 17:42

Tgt Ion:178 Resp: 234265

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	16.6	12.7	19.1



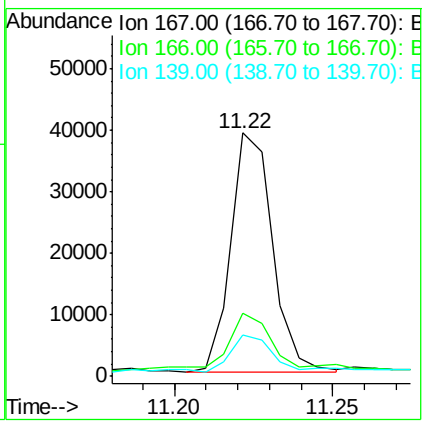


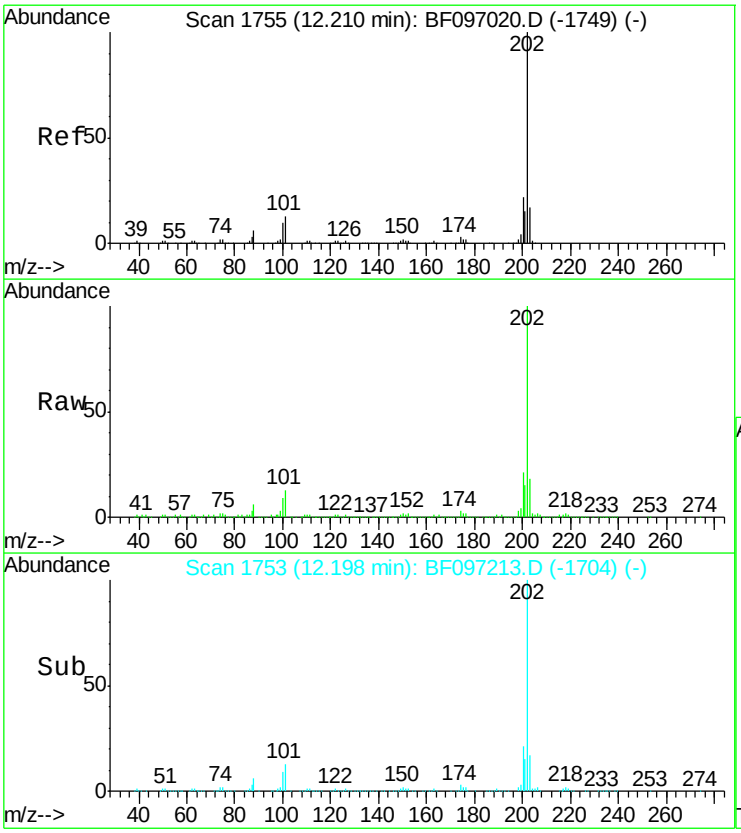
#72
Carbazole
Concen: 2.97 ng
RT: 11.22 min Scan# 1587
Delta R.T. -0.02 min
Lab File: BF097213.D
Acq: 31 Jul 2017 17:42

Instrument :
BNA_F
ClientSampleId :
CL-02-072717-A

Tgt Ion:167 Resp: 35171

Ion	Ratio	Lower	Upper
167	100		
166	26.2	18.1	27.1
139	17.0	11.7	17.5

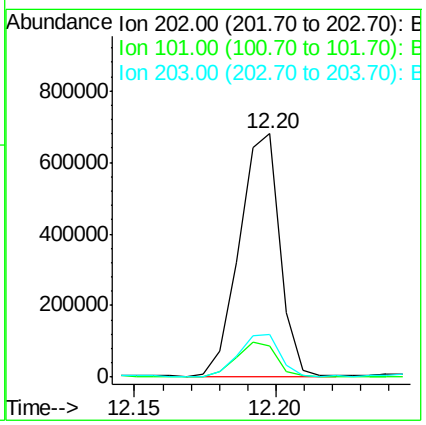


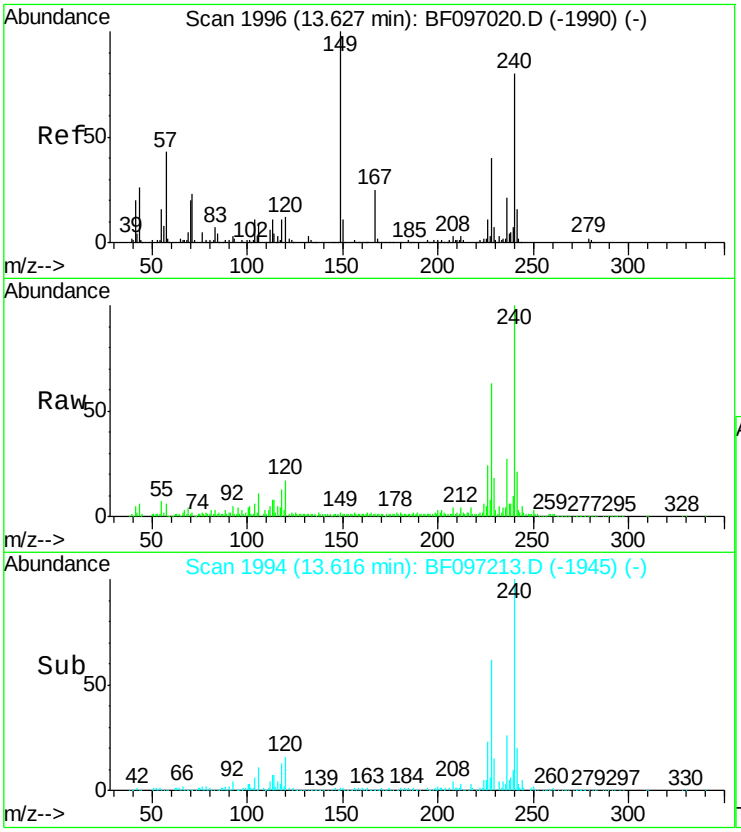


#74
Fluoranthene
Concen: 58.35 ng
RT: 12.20 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BF097213.D
Acq: 31 Jul 2017 17:42

Tgt Ion:202 Resp: 673113

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	33.2
203	17.5	0.0	38.1



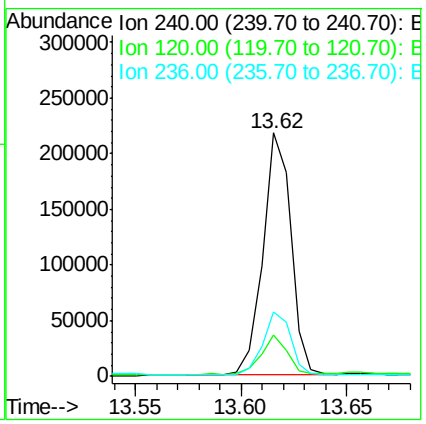


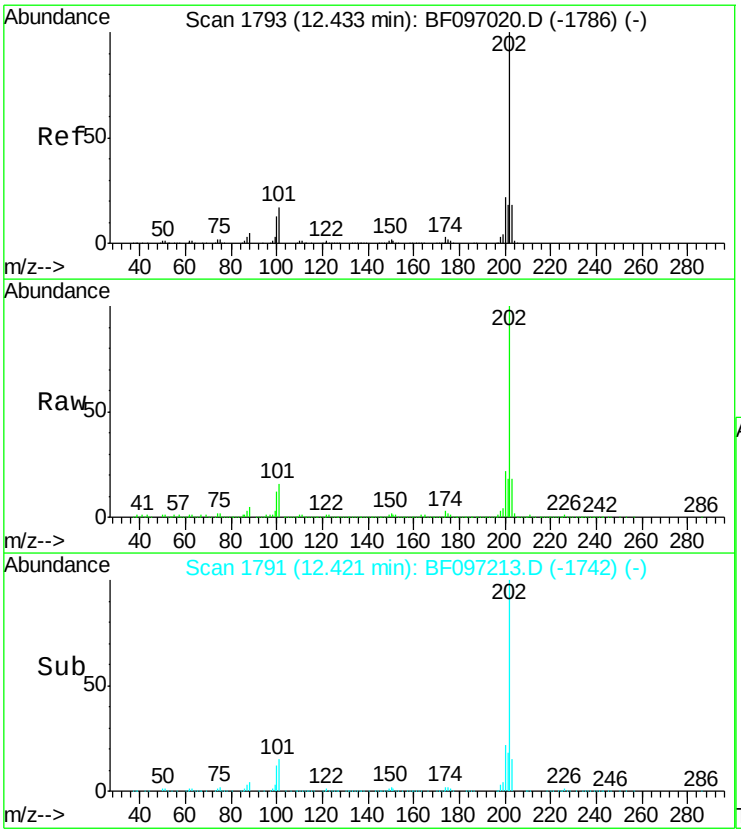
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.62 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF097213.D
Acq: 31 Jul 2017 17:42

Instrument :
BNA_F
ClientSampleId :
CL-02-072717-A

Tgt Ion:240 Resp: 200810

Ion	Ratio	Lower	Upper
240	100		
120	16.9	5.8	8.8#
236	26.6	20.5	30.7

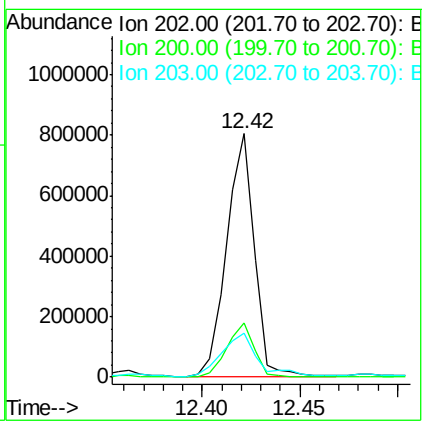


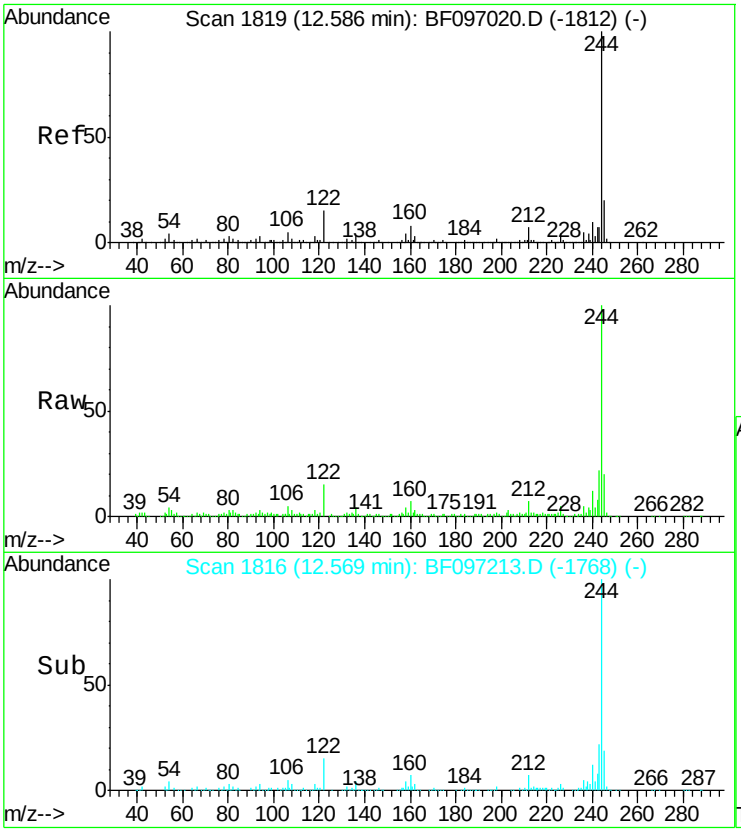


#77
Pyrene
Concen: 47.80 ng
RT: 12.42 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF097213.D
Acq: 31 Jul 2017 17:42

Tgt Ion:202 Resp: 785770

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	17.9	14.4	21.6



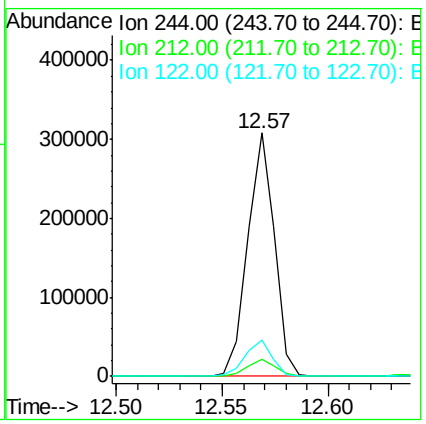


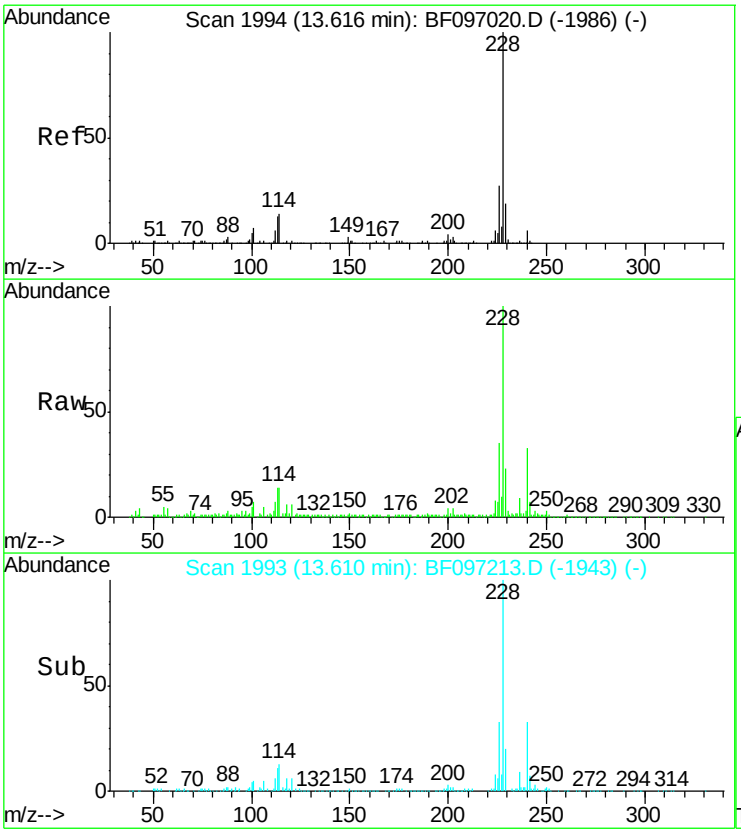
#78
Terphenyl-d14
Concen: 27.42 ng
RT: 12.57 min Scan# 1816
Delta R.T. -0.02 min
Lab File: BF097213.D
Acq: 31 Jul 2017 17:42

Instrument :
BNA_F
ClientSampleId :
CL-02-072717-A

Tgt Ion:244 Resp: 270044

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	14.8	10.3	15.5

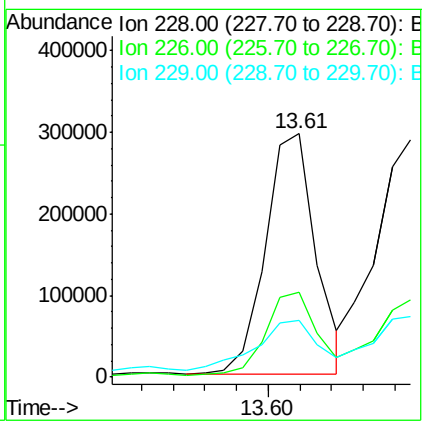


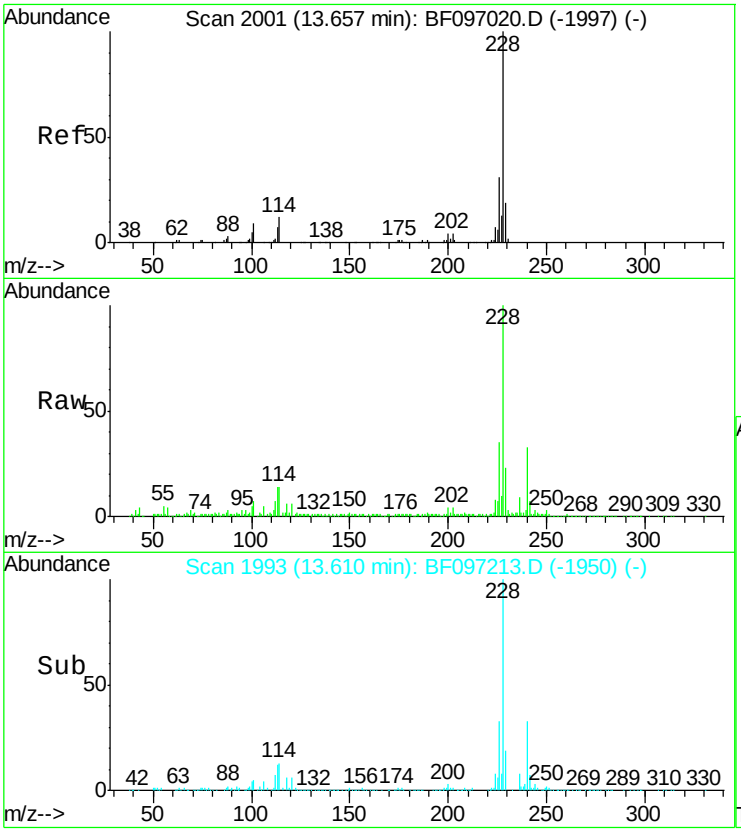


#80
Benzo(a)anthracene
Concen: 25.05 ng
RT: 13.61 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF097213.D
Acq: 31 Jul 2017 17:42

Tgt Ion:228 Resp: 325518

Ion	Ratio	Lower	Upper
228	100		
226	34.6	22.6	33.8#
229	23.2	16.3	24.5



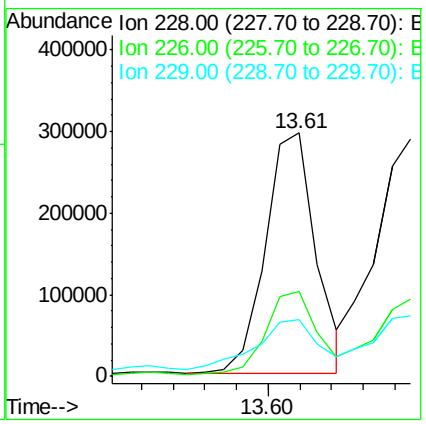


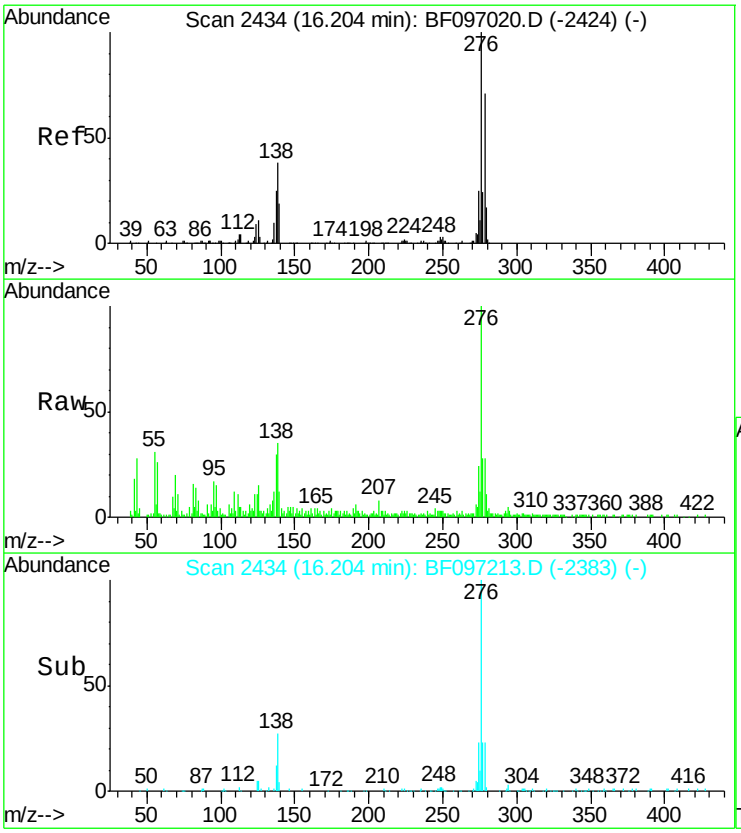
#82
Chrysene
Concen: 25.66 ng
RT: 13.61 min Scan# 1993
Delta R.T. -0.05 min
Lab File: BF097213.D
Acq: 31 Jul 2017 17:42

Instrument :
BNA_F
ClientSampleId :
CL-02-072717-A

Tgt Ion:228 Resp: 325518

Ion	Ratio	Lower	Upper
228	100		
226	34.6	24.9	37.3
229	23.2	15.8	23.6

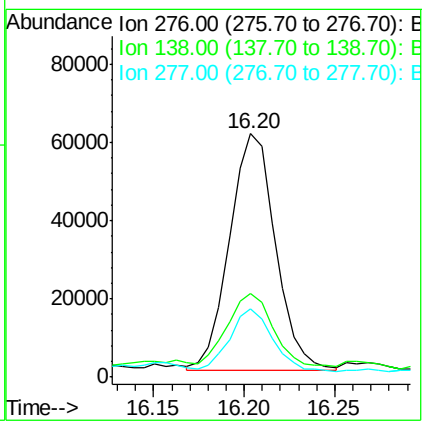


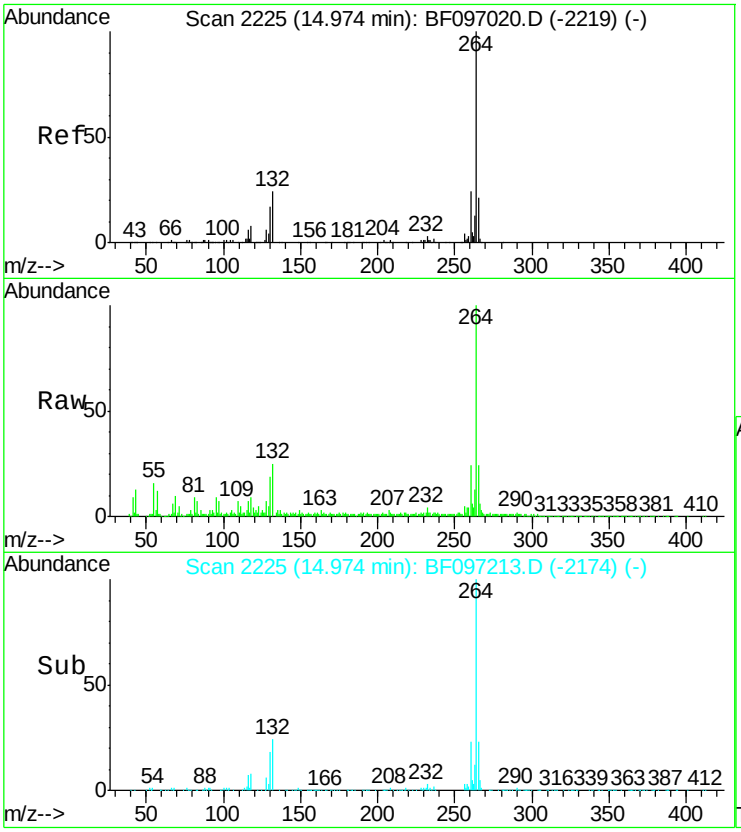


#85
Indeno(1,2,3-cd)pyrene
Concen: 9.84 ng
RT: 16.20 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BF097213.D
Acq: 31 Jul 2017 17:42

Tgt Ion:276 Resp: 107076

Ion	Ratio	Lower	Upper
276	100		
138	32.5	27.8	41.6
277	24.2	20.2	30.4



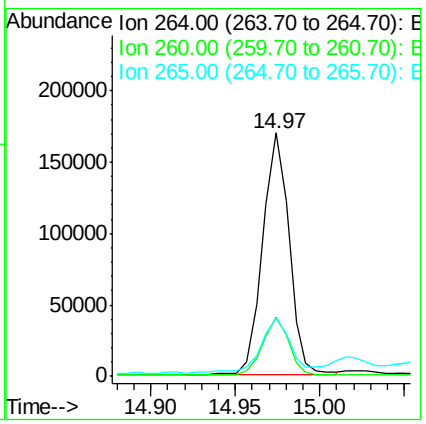


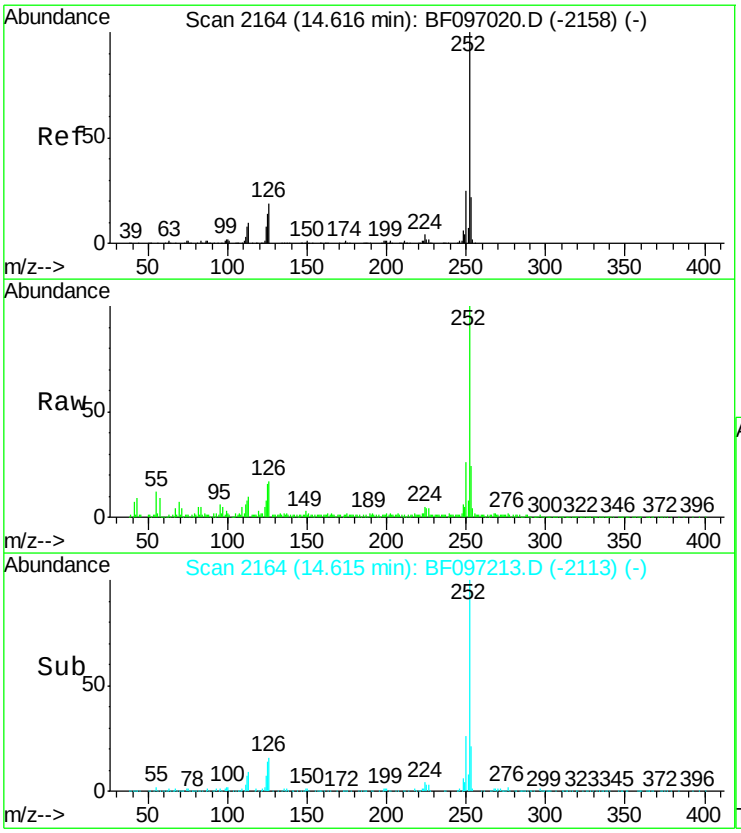
#86
Perylene-d12
Concen: 20.00 ng
RT: 14.97 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF097213.D
Acq: 31 Jul 2017 17:42

Instrument :
BNA_F
ClientSampleId :
CL-02-072717-A

Tgt Ion:264 Resp: 185289

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	23.8	17.2	25.8

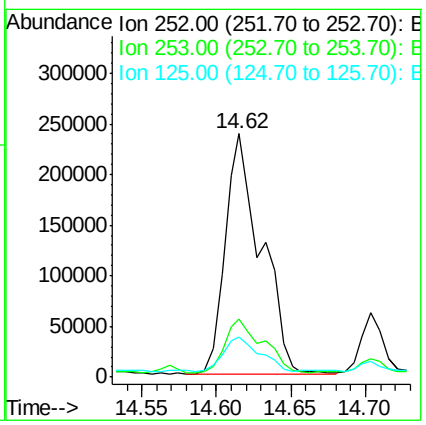


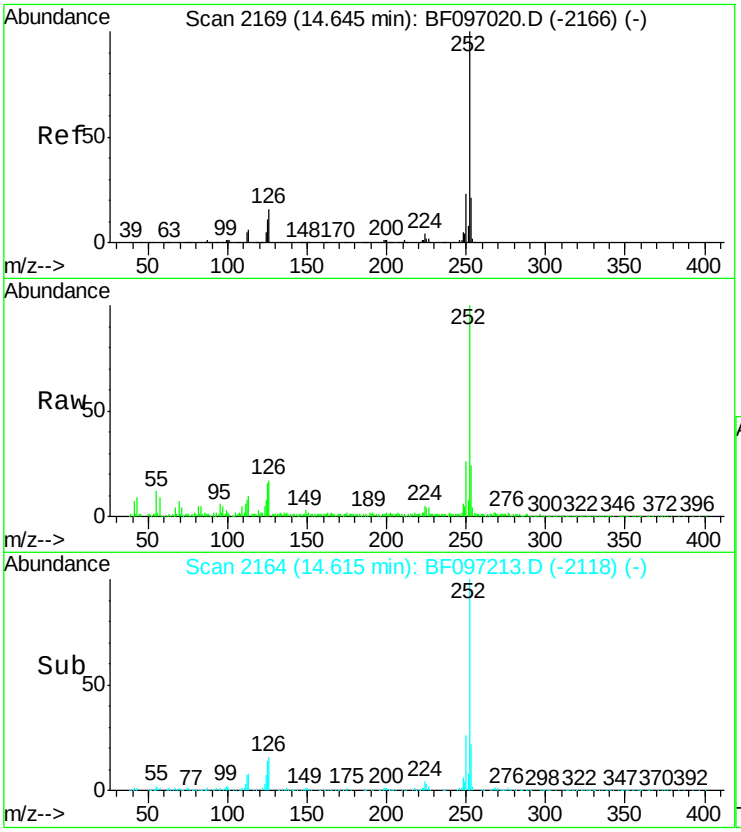


#87
Benzo(b)fluoranthene
Concen: 35.72 ng
RT: 14.62 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BF097213.D
Acq: 31 Jul 2017 17:42

Tgt Ion:252 Resp: 397903

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.1	27.1
125	16.2	9.8	14.8#



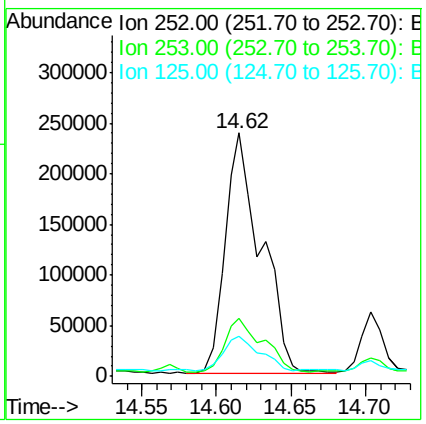


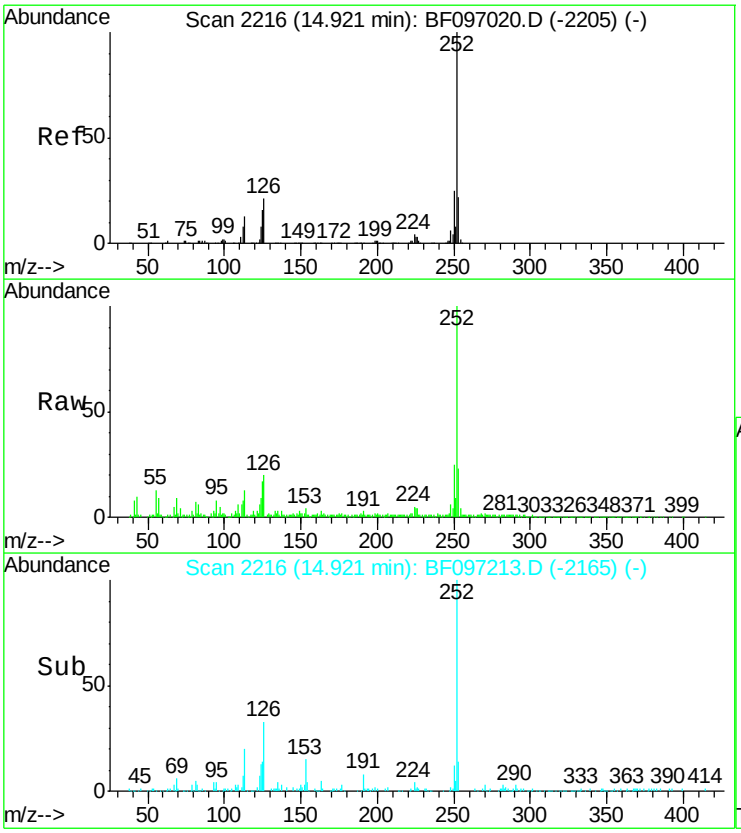
#88
Benzo(k)fluoranthene
Concen: 37.49 ng
RT: 14.62 min Scan# 2164
Delta R.T. -0.03 min
Lab File: BF097213.D
Acq: 31 Jul 2017 17:42

Instrument :
BNA_F
ClientSampleId :
CL-02-072717-A

Tgt Ion:252 Resp: 397903

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.4	27.6
125	16.2	13.1	19.7

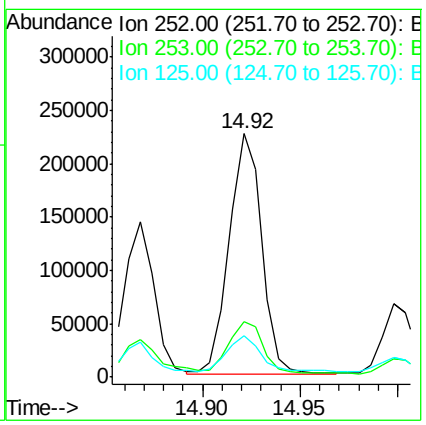


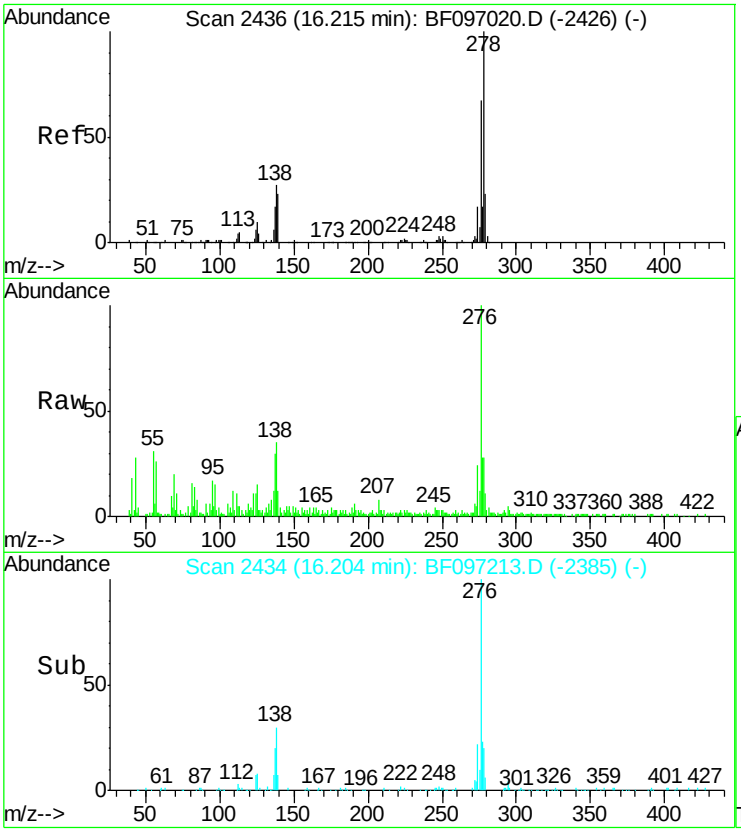


#89
Benzo(a)pyrene
Concen: 25.67 ng
RT: 14.92 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BF097213.D
Acq: 31 Jul 2017 17:42

Tgt Ion:252 Resp: 261710

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	16.8	11.0	16.4#



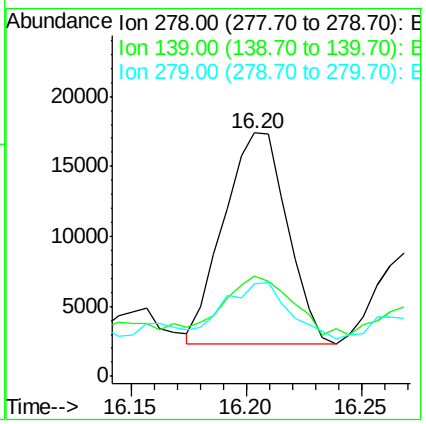


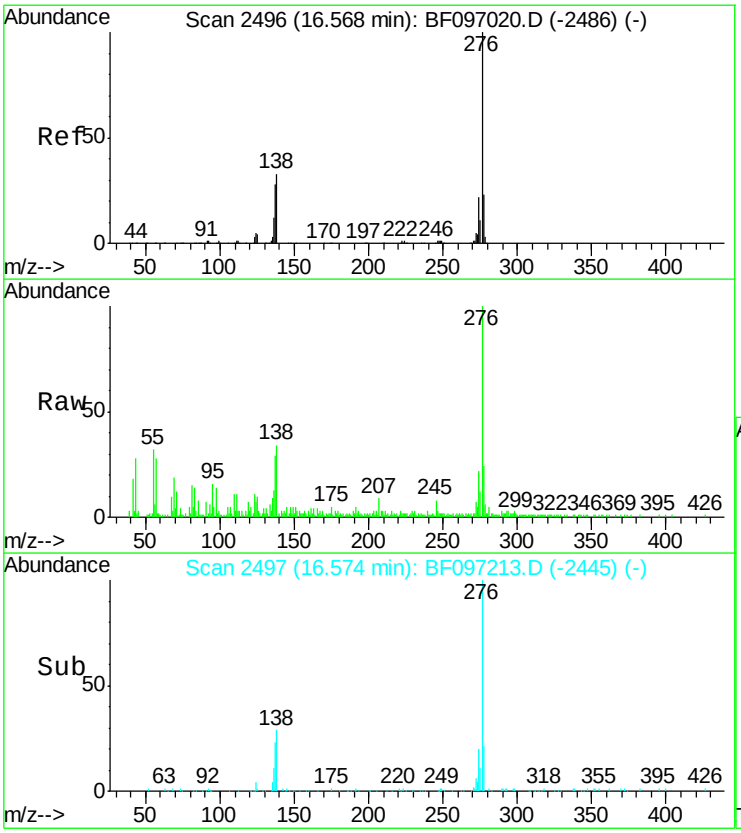
#90
Dibenzo(a,h)anthracene
Concen: 3.44 ng
RT: 16.20 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BF097213.D
Acq: 31 Jul 2017 17:42

Instrument :
BNA_F
ClientSampleId :
CL-02-072717-A

Tgt Ion:278 Resp: 28766

Ion	Ratio	Lower	Upper
278	100		
139	41.2	16.6	24.8#
279	37.9	19.3	28.9#





#91
Benzo(g,h,i)perylene
Concen: 11.95 ng
RT: 16.57 min Scan# 2497
Delta R.T. 0.01 min
Lab File: BF097213.D
Acq: 31 Jul 2017 17:42

Tgt Ion:276 Resp: 104743

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	33.6	25.4	38.0