Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
Data File : BF098775.D
Acq On : 25 Sep 2017 11:27
Operator : SJ/JU
Sample : I5360-09RE 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 26 05:12:29 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	6.91	152	155126	20.00	ng		-0.01
21) Naphthalene-d8	8.19	136	635520	20.00	ng		-0.01
38) Acenaphthene-d10	9.95	164	261652	20.00	ng		-0.01
63) Phenanthrene-d10	11.44	188	368253	20.00	ng		0.00
75) Chrysene-d12	14.07	240	287756	20.00	ng		-0.01
86) Perylene-d12	15.57	264	274309	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	215783	22.14	ng		-0.02
7) Phenol-d6	6.53	99	257109	21.39	ng		-0.02
23) Nitrobenzene-d5	7.47	82	151572	15.30	ng		-0.02
41) 2,4,6-Tribromophenol	10.73	330	36824	17.20	ng		-0.02
44) 2-Fluorobiphenyl	9.27	172	290440	18.53	ng		-0.01
78) Terphenyl-d14	13.02	244	166099	13.13	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.47	70	20477	2.668	ng	#	84
25) Isophorone	7.47	82	151395	7.389	ng	#	64
31) Naphthalene	8.22	128	110748	3.710	ng		98
50) 2,6-Dinitrotoluene	9.95	165	34528	8.031	ng	#	25
56) 2,4-Dinitrotoluene	9.95	165	34528	6.188	ng	#	23
70) Phenanthrene	11.46	178	143843	7.297	ng		97
71) Anthracene	11.51	178	43600	2.162	ng		98
74) Fluoranthene	12.65	202	199542	9.997	ng		97
77) Pyrene	12.88	202	207361	9.450	ng		98
80) Benzo(a)anthracene	14.06	228	108969	6.254	ng		96
82) Chrysene	14.10	228	115176	6.943	ng		97
85) Indeno(1,2,3-cd)pyrene	17.07	276	47371	3.570	ng		97
87) Benzo(b)fluoranthene	15.13	252	199999	11.858	ng	#	91
88) Benzo(k)fluoranthene	15.13	252	199999	12.006	ng	#	94
89) Benzo(a)pyrene	15.50	252	92586	5.980	ng	#	91
91) Benzo(g,h,i)perylene	17.52	276	45445	3.711	ng	#	90

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

Quantitation Report (Not Reviewed)

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Acq On : 25 Sep 2017 11:27
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Misc :
ALS Vial : 4 Sample Multiplier: 1

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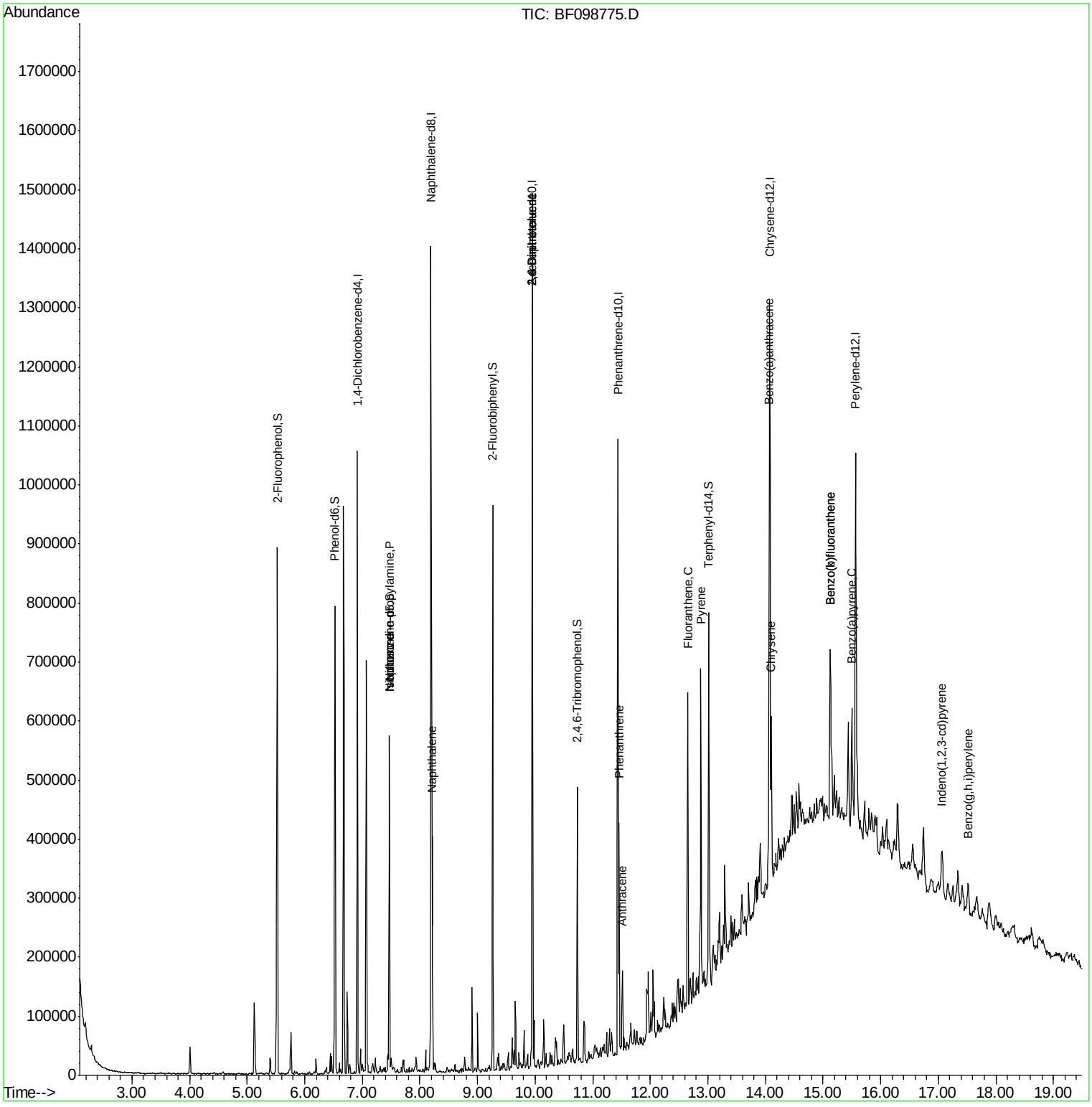
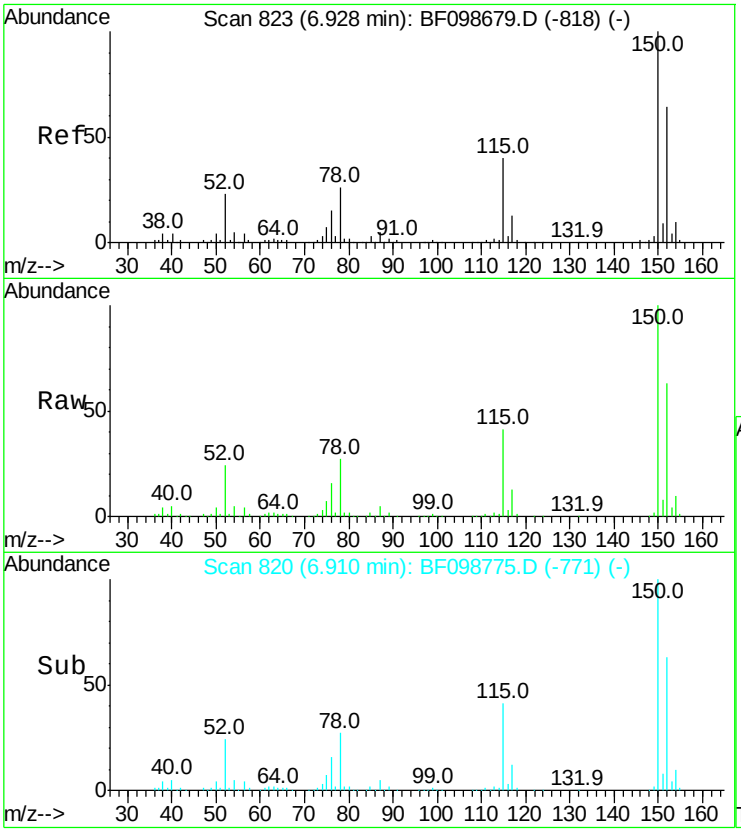
BNA_F
ClientSampleId :

Quant Time: Sep 26 05:12:29 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



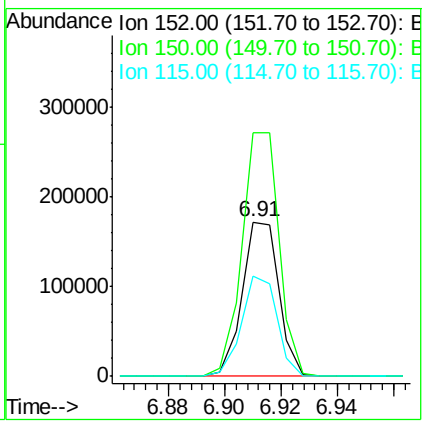


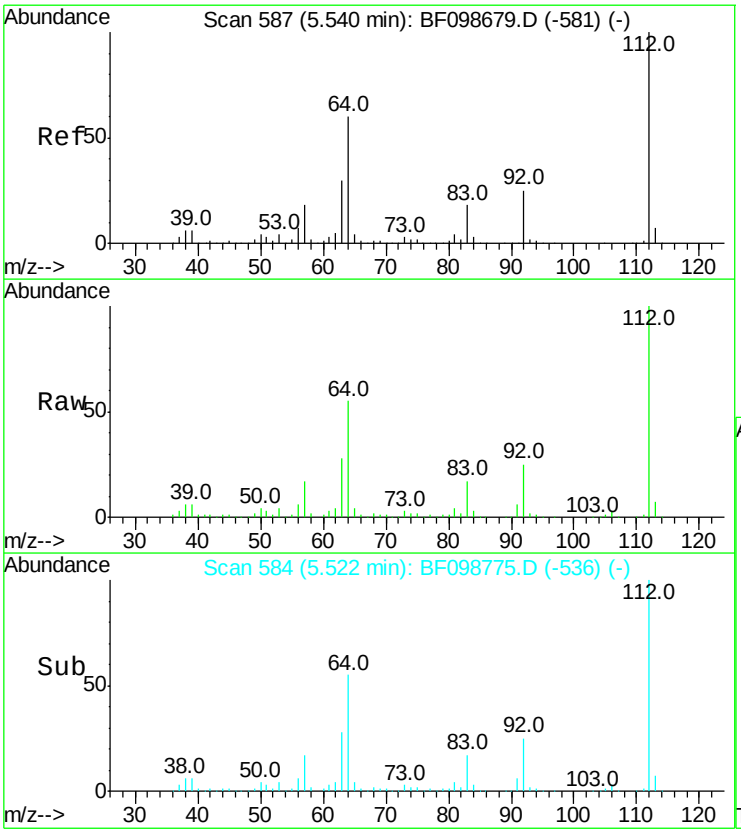
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF098775.D
Acq: 25 Sep 2017 11:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 155126

Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.6	186.8
115	64.6	50.1	75.1

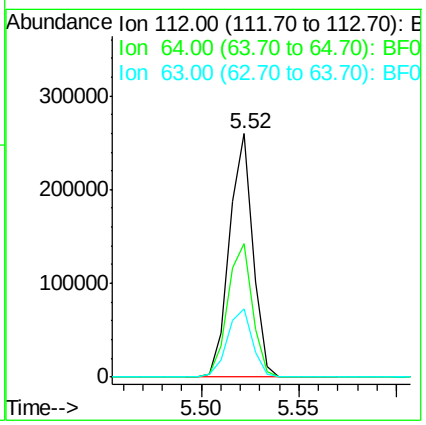


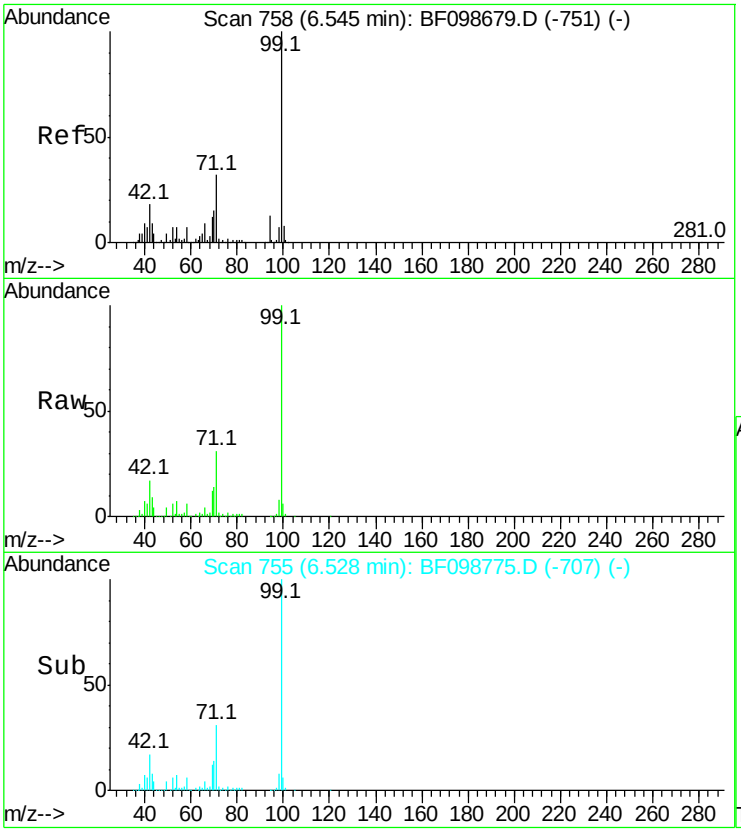


#5
2-Fluorophenol
Concen: 22.144 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.02 min
Lab File: BF098775.D
Acq: 25 Sep 2017 11:27

Tgt Ion:112 Resp: 215783

Ion	Ratio	Lower	Upper
112	100		
64	55.0	47.9	71.9
63	28.3	23.7	35.5



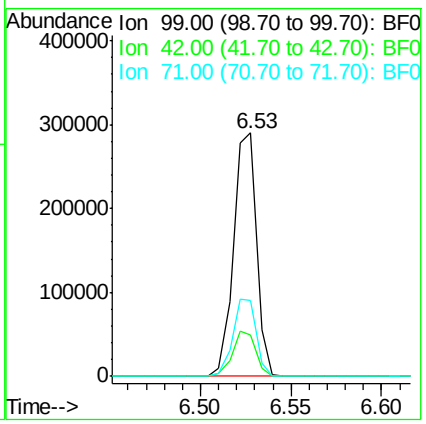


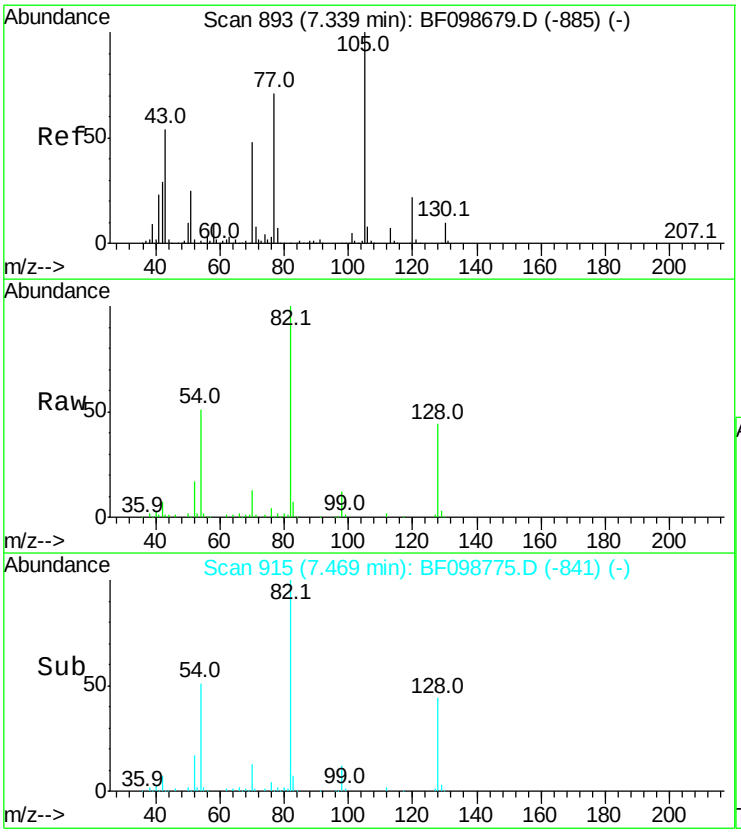
#7
Phenol-d6
Concen: 21.388 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF098775.D
Acq: 25 Sep 2017 11:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 257109

Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.5	21.7
71	31.1	25.4	38.0

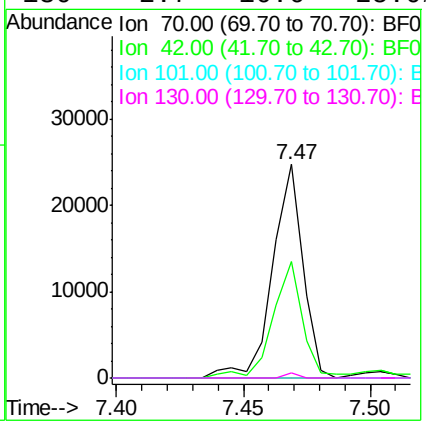


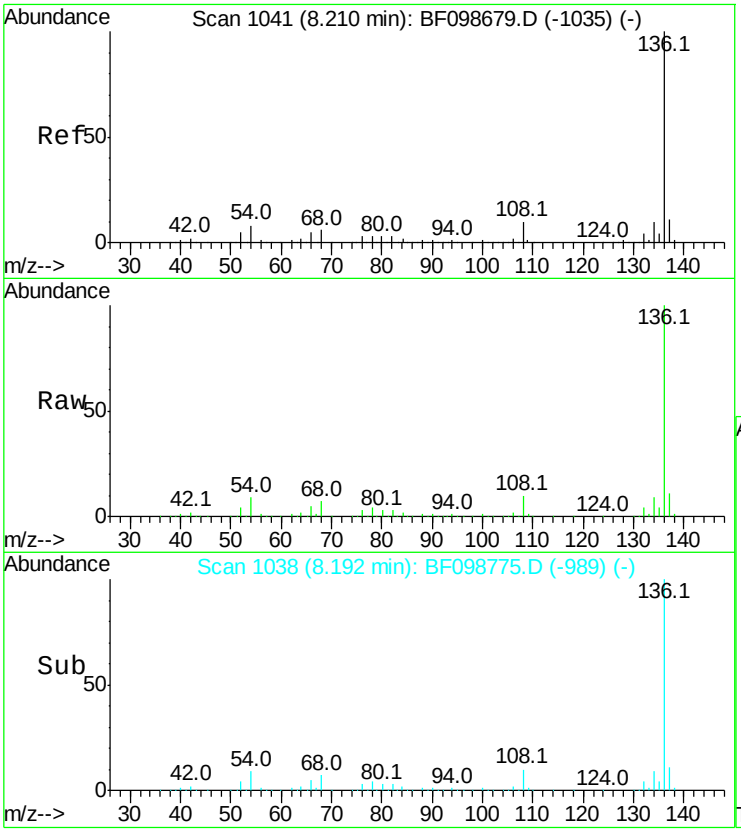


#19
n-Nitroso-di-n-propylamine
Concen: 2.668 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.14 min
Lab File: BF098775.D
Acq: 25 Sep 2017 11:27

Tgt Ion: 70 Resp: 20477

Ion	Ratio	Lower	Upper
70	100		
42	54.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.7	16.6	25.0#



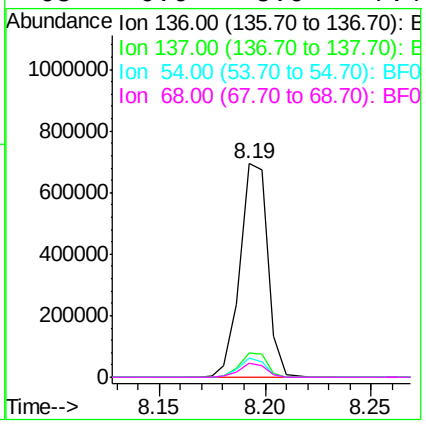


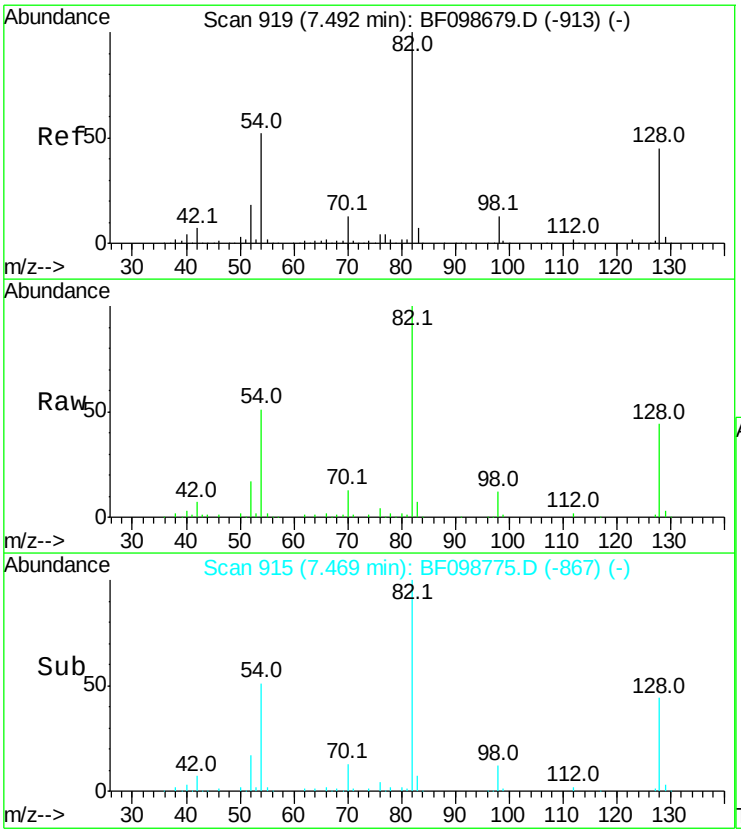
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF098775.D
Acq: 25 Sep 2017 11:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 635520

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.8	6.6	9.8
68	6.6	5.0	7.4

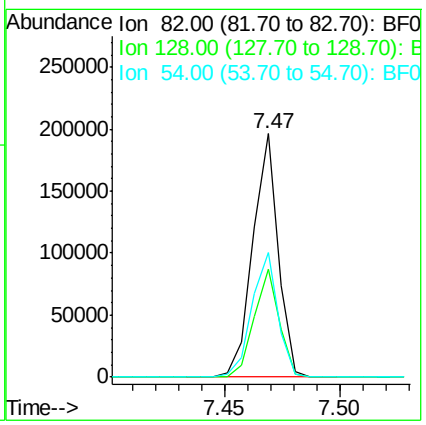


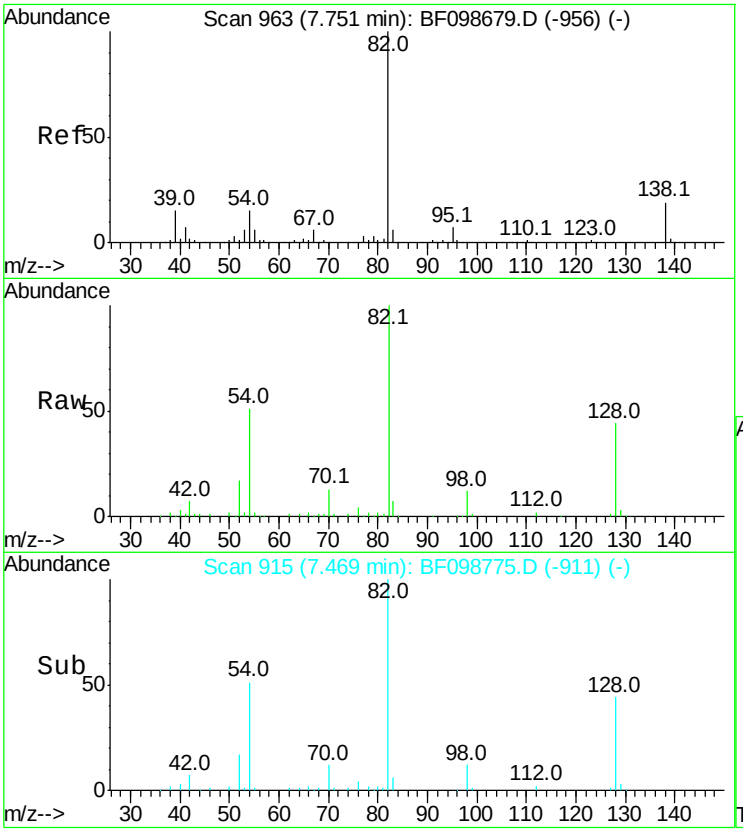


#23
Nitrobenzene-d5
Concen: 15.295 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.02 min
Lab File: BF098775.D
Acq: 25 Sep 2017 11:27

Tgt Ion: 82 Resp: 151572

Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	51.3	41.4	62.2



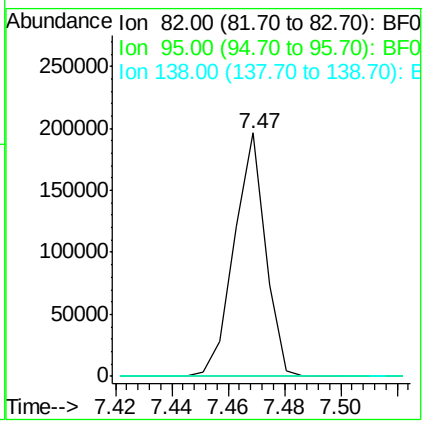


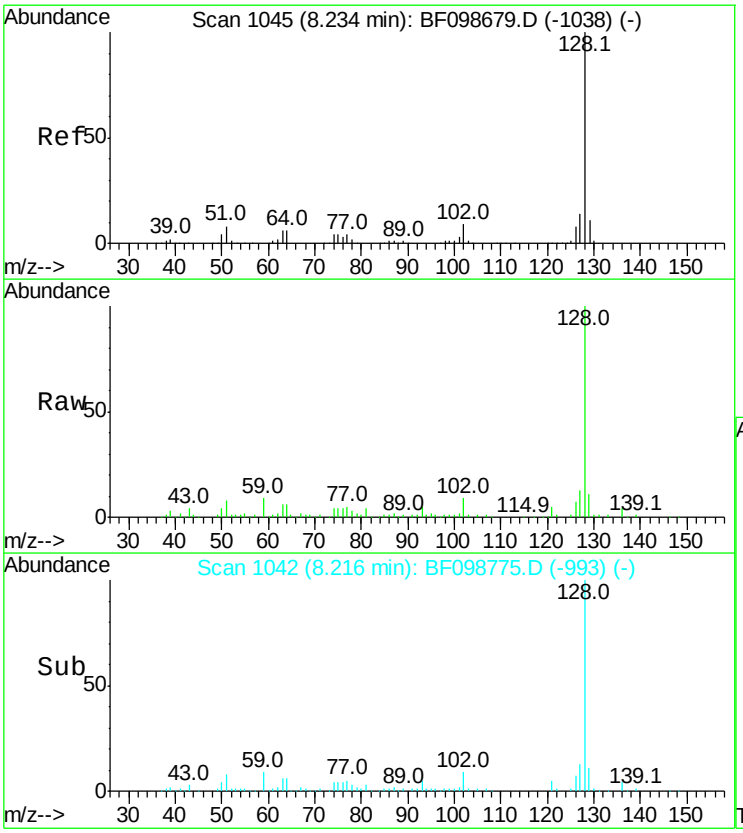
#25
Isophorone
Concen: 7.389 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.28 min
Lab File: BF098775.D
Acq: 25 Sep 2017 11:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 151395

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

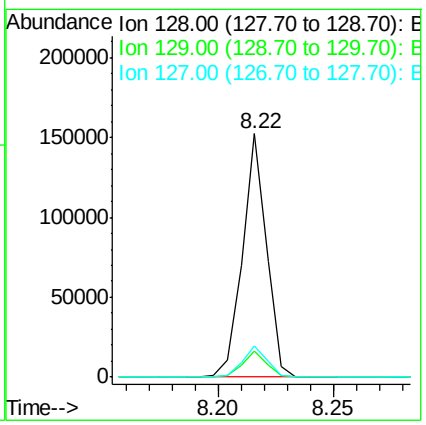


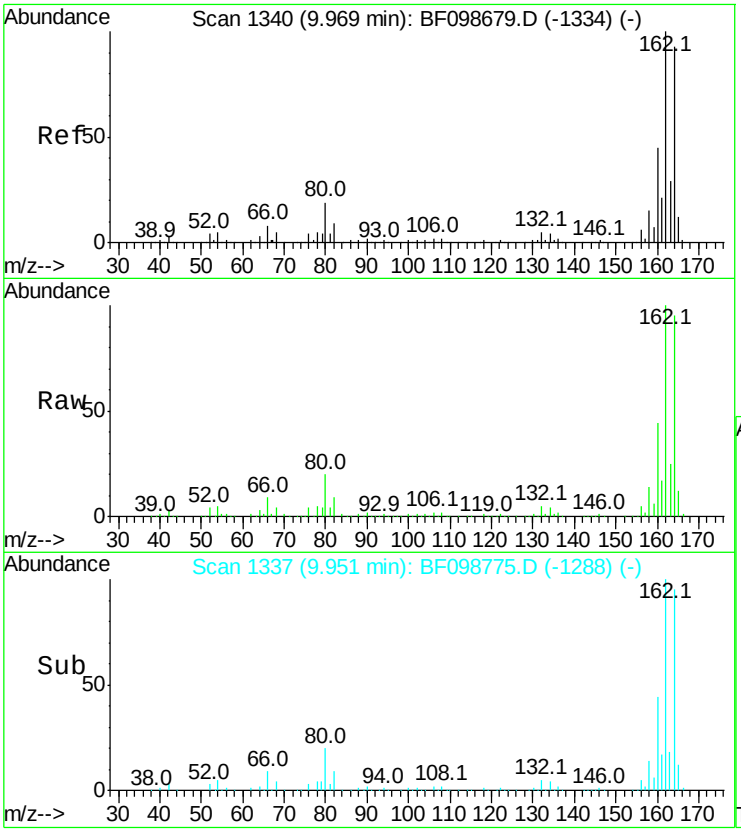


#31
Naphthalene
Concen: 3.710 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF098775.D
Acq: 25 Sep 2017 11:27

Tgt Ion:128 Resp: 110748

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	12.6	10.9	16.3



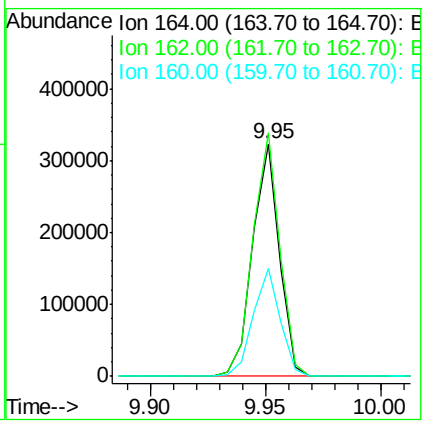


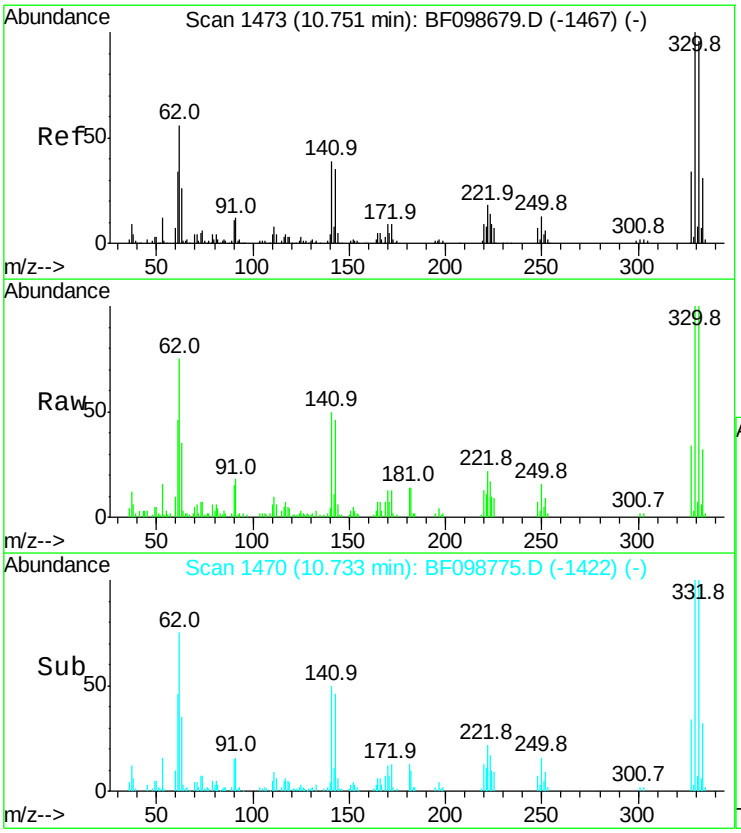
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098775.D
Acq: 25 Sep 2017 11:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 261652

Ion	Ratio	Lower	Upper
164	100		
162	104.7	86.1	129.1
160	46.2	38.3	57.5

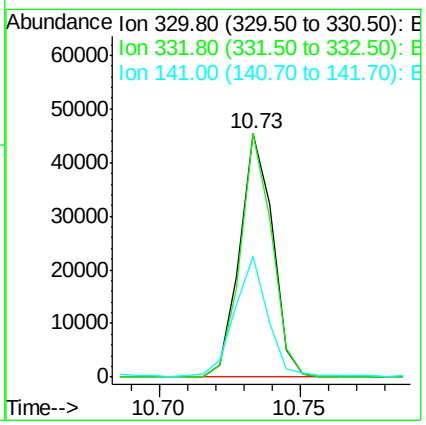


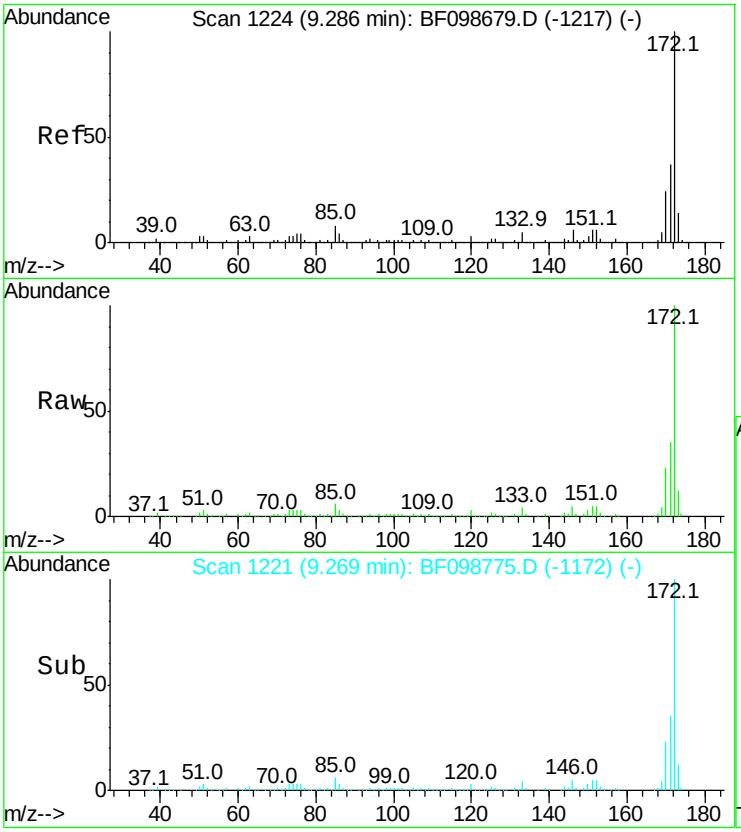


#41
2,4,6-Tribromophenol
Concen: 17.199 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.02 min
Lab File: BF098775.D
Acq: 25 Sep 2017 11:27

Tgt Ion:330 Resp: 36824

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	51.8	29.9	44.9#



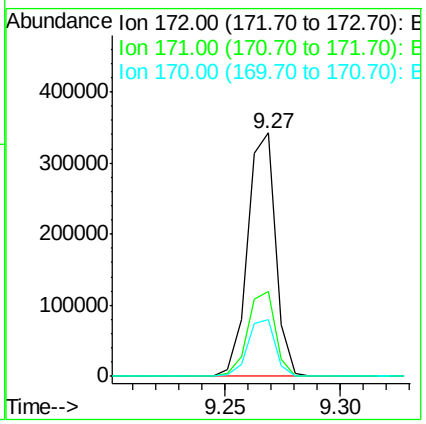


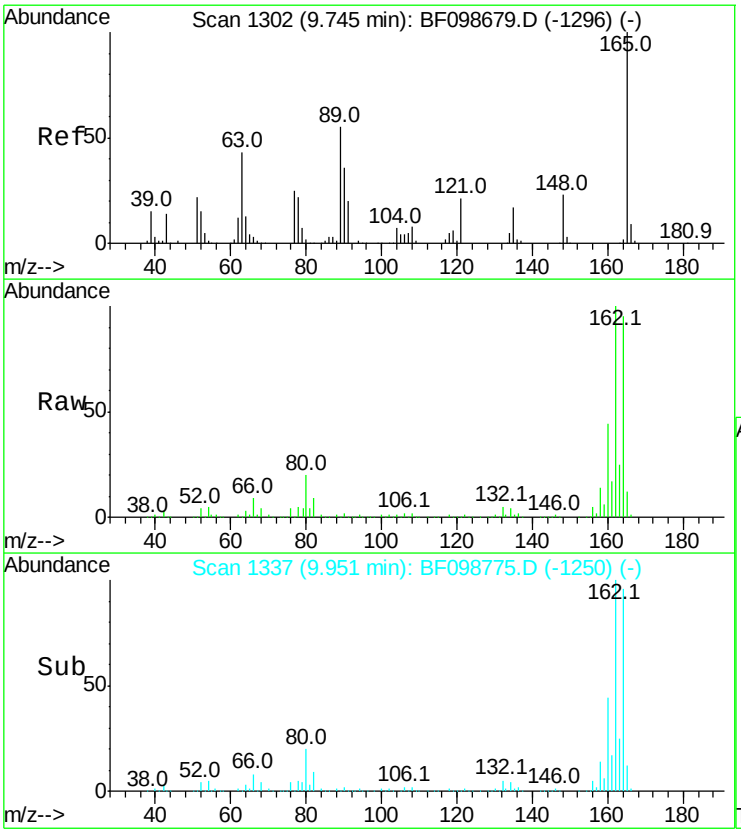
#44
2-Fluorobiphenyl
Concen: 18.531 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF098775.D
Acq: 25 Sep 2017 11:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 290440

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.7	44.5
170	23.2	19.6	29.4

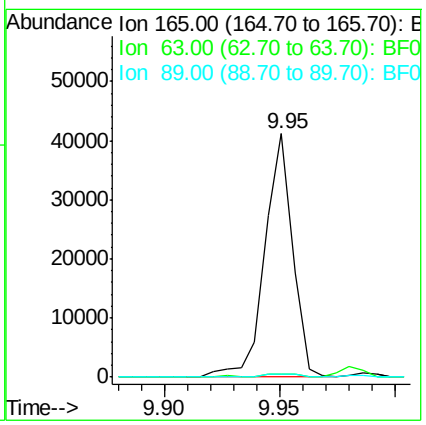


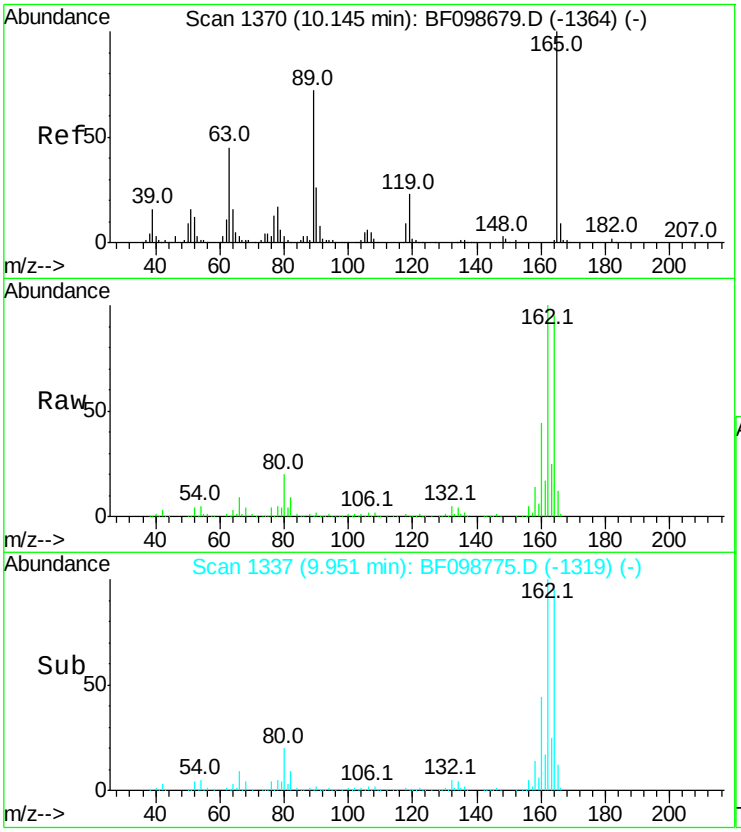


#50
2,6-Dinitrotoluene
Concen: 8.031 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.21 min
Lab File: BF098775.D
Acq: 25 Sep 2017 11:27

Tgt Ion:165 Resp: 34528

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.2	44.0	66.0#



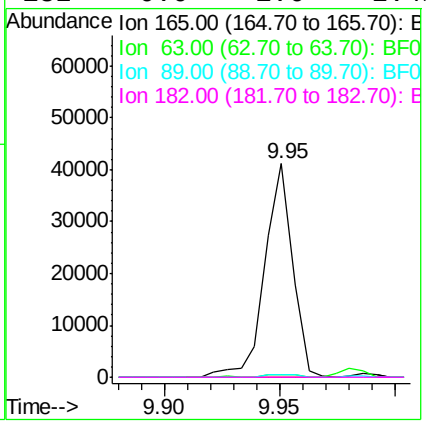


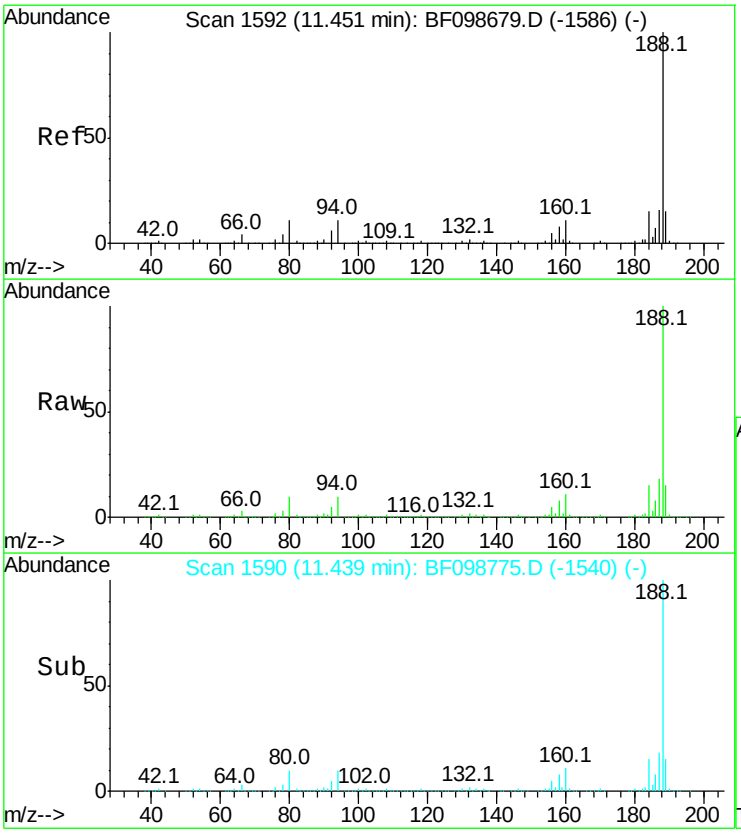
#56
2,4-Dinitrotoluene
Concen: 6.188 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.19 min
Lab File: BF098775.D
Acq: 25 Sep 2017 11:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 34528

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

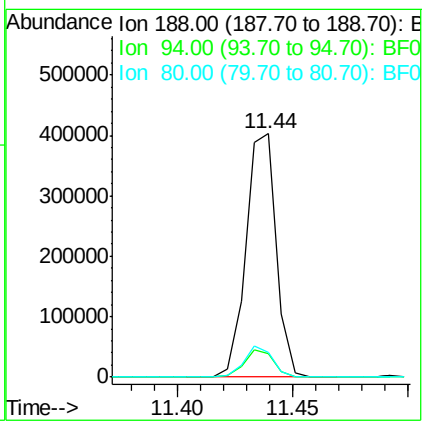


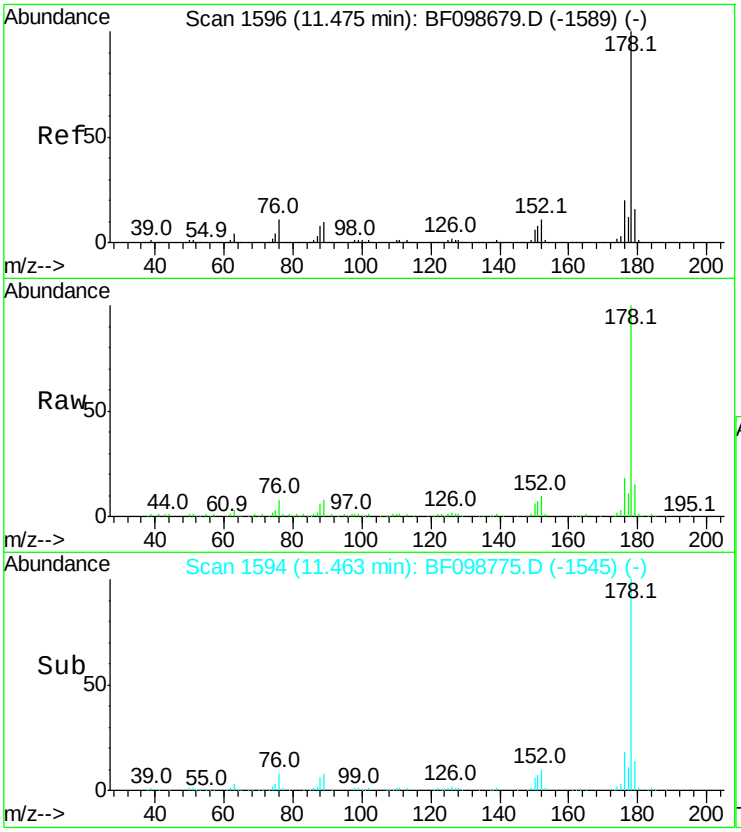


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098775.D
Acq: 25 Sep 2017 11:27

Tgt Ion:188 Resp: 368253

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.4	9.2	13.8



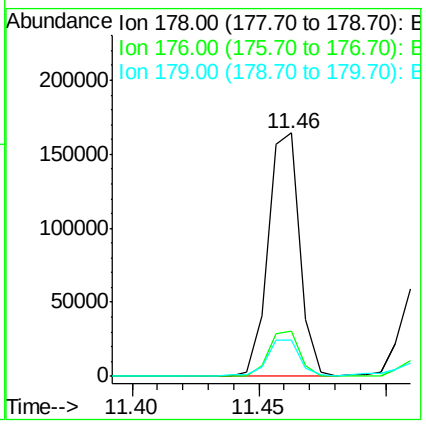


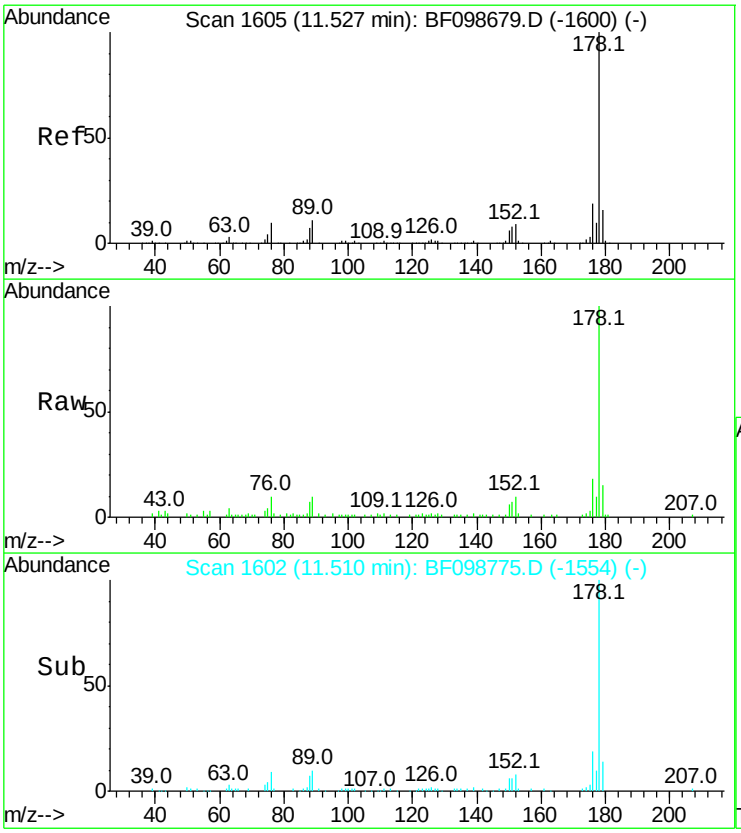
#70
Phenanthrene
Concen: 7.297 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF098775.D
Acq: 25 Sep 2017 11:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 143843

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	14.6	13.0	19.6

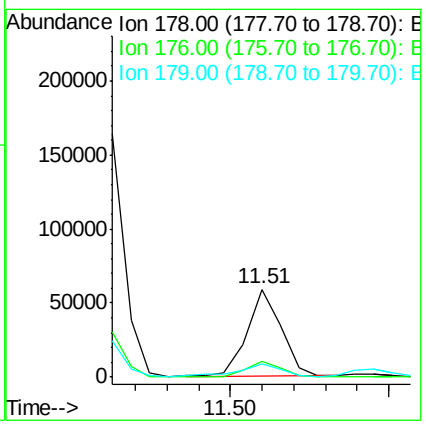


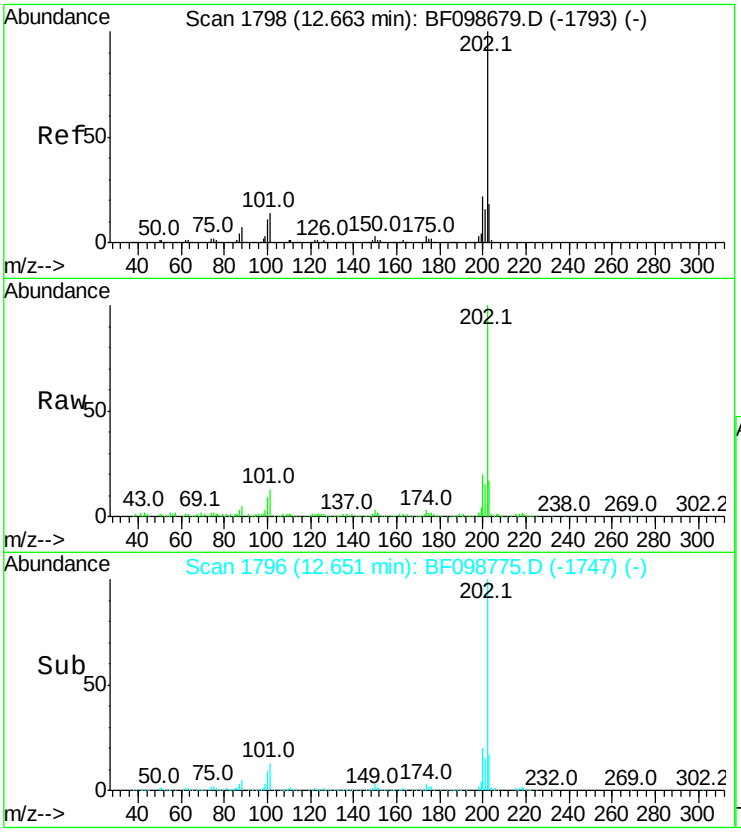


#71
Anthracene
Concen: 2.162 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.02 min
Lab File: BF098775.D
Acq: 25 Sep 2017 11:27

Tgt Ion:178 Resp: 43600

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	14.9	12.6	19.0



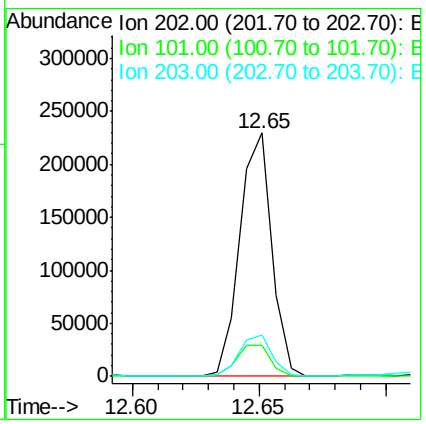


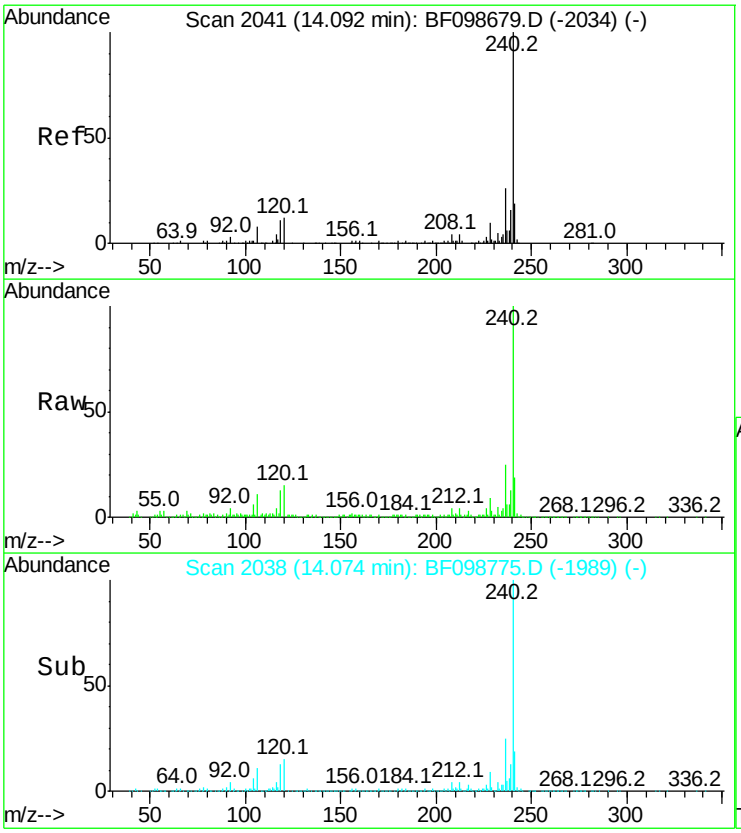
#74
Fluoranthene
Concen: 9.997 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF098775.D
Acq: 25 Sep 2017 11:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 199542

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	34.1
203	17.1	0.0	38.1

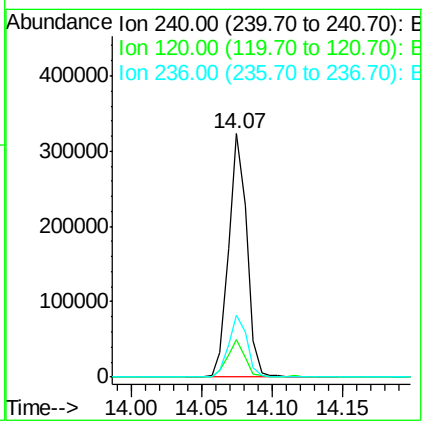


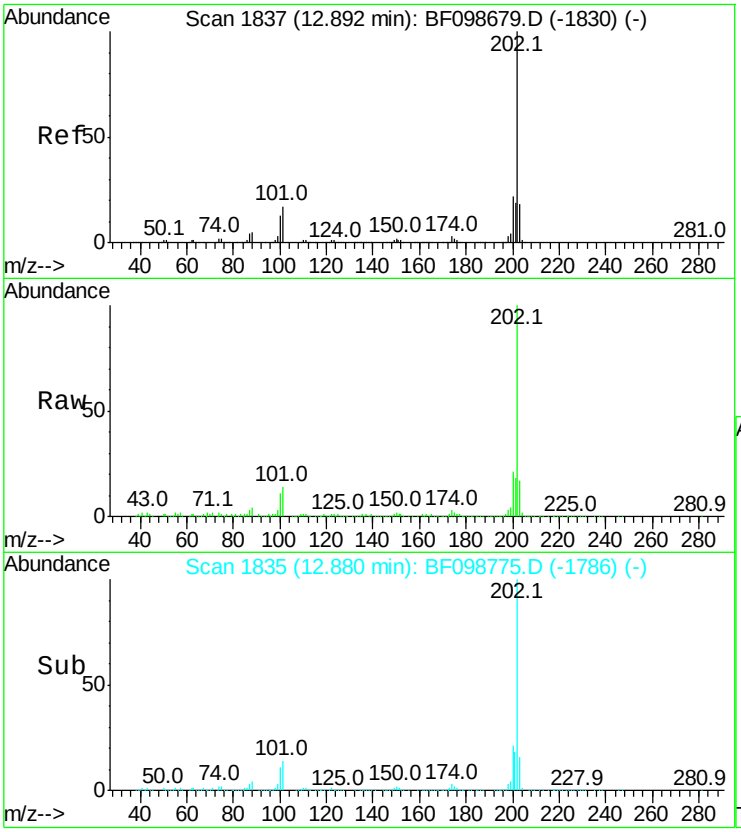


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF098775.D
Acq: 25 Sep 2017 11:27

Tgt Ion:240 Resp: 287756

Ion	Ratio	Lower	Upper
240	100		
120	15.2	9.5	14.3#
236	25.3	20.7	31.1



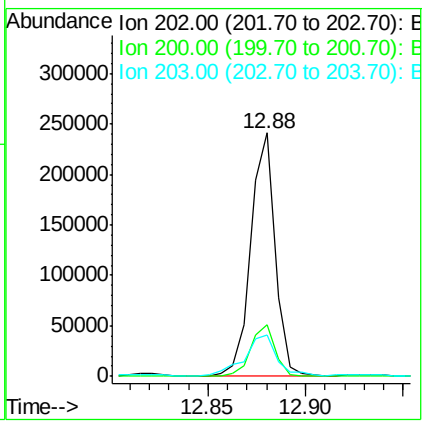


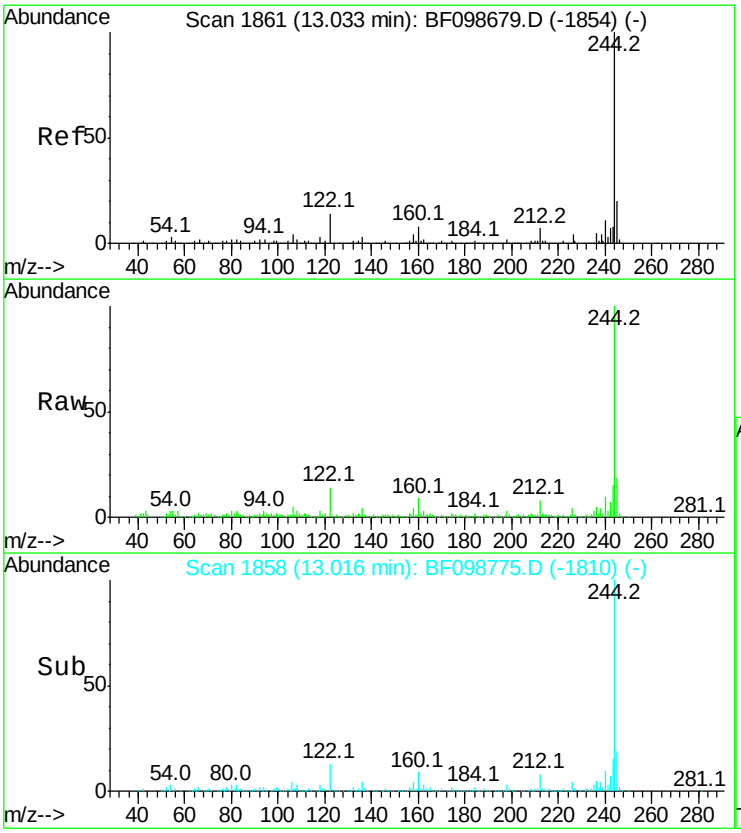
#77
Pyrene
Concen: 9.450 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BF098775.D
Acq: 25 Sep 2017 11:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 207361

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	16.8	14.3	21.5

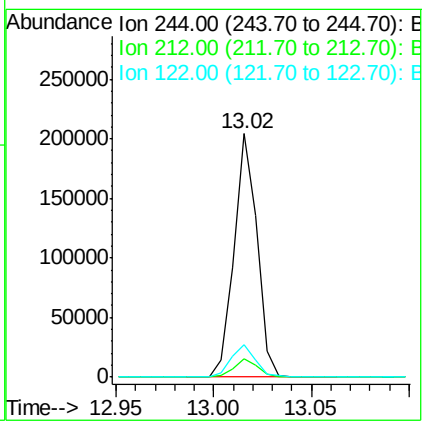


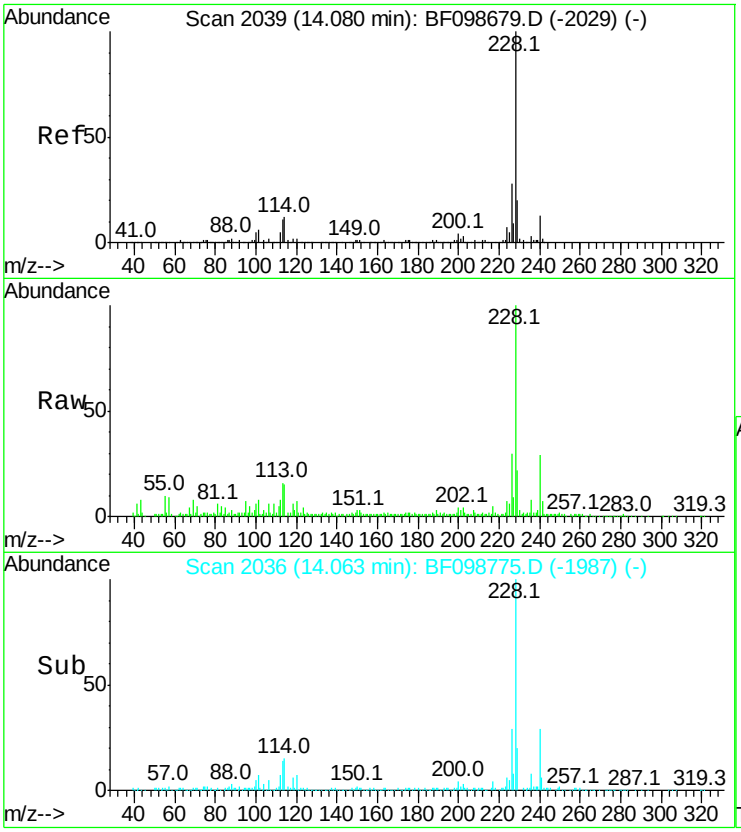


#78
Terphenyl-d14
Concen: 13.127 ng
RT: 13.02 min Scan# 1858
Delta R.T. -0.02 min
Lab File: BF098775.D
Acq: 25 Sep 2017 11:27

Tgt Ion:244 Resp: 166099

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.0
122	13.5	11.0	16.4



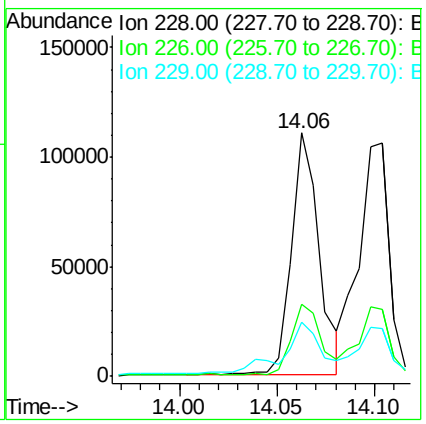


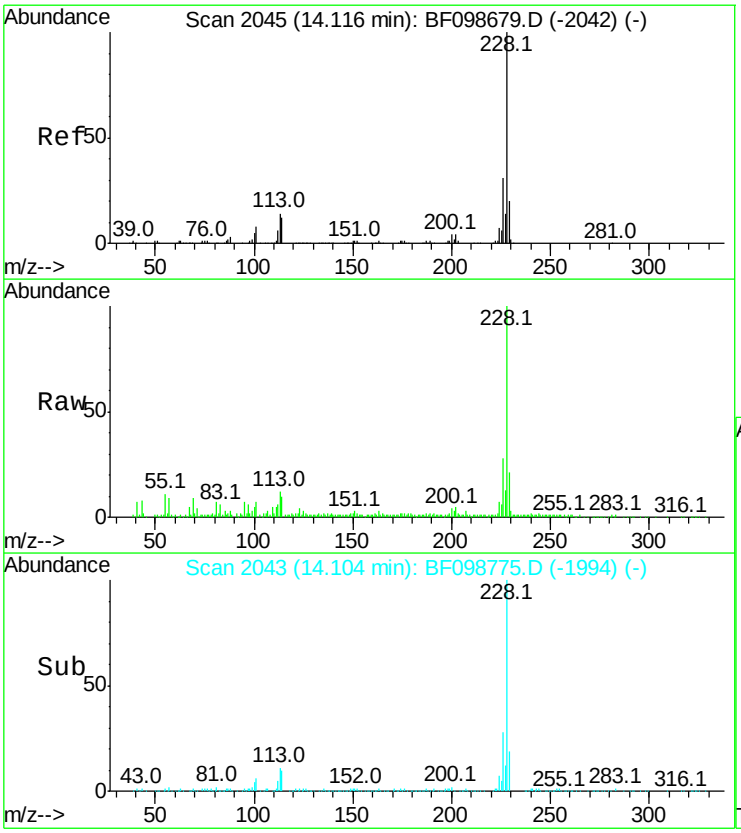
#80
Benzo(a)anthracene
Concen: 6.254 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF098775.D
Acq: 25 Sep 2017 11:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 108969

Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.6	33.8
229	22.1	15.8	23.6

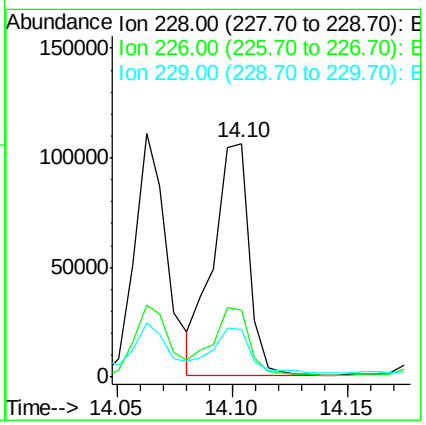


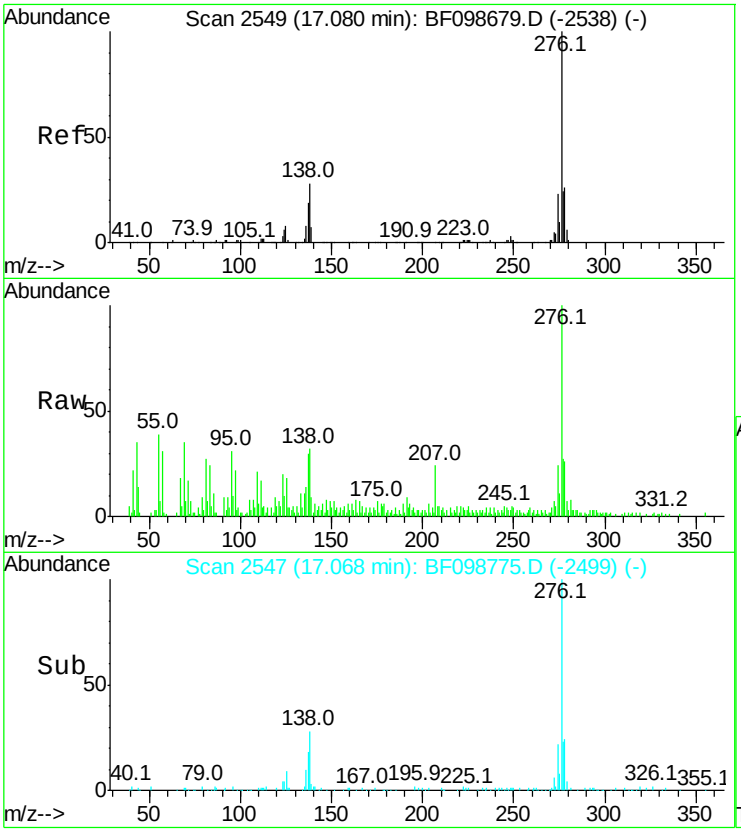


#82
Chrysene
Concen: 6.943 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF098775.D
Acq: 25 Sep 2017 11:27

Tgt Ion:228 Resp: 115176

Ion	Ratio	Lower	Upper
228	100		
226	28.5	25.0	37.6
229	20.7	16.2	24.4



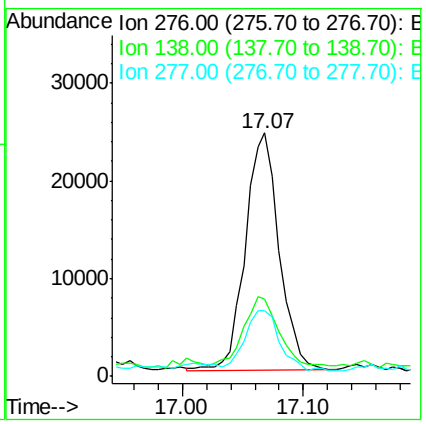


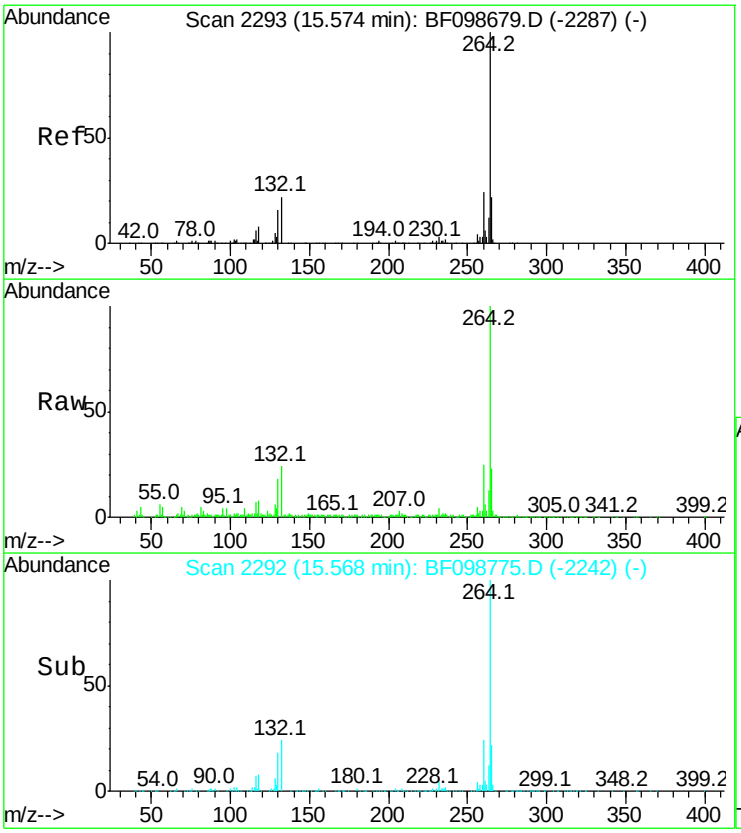
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.570 ng
RT: 17.07 min Scan# 2547
Delta R.T. -0.02 min
Lab File: BF098775.D
Acq: 25 Sep 2017 11:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 47371

Ion	Ratio	Lower	Upper
276	100		
138	30.0	25.0	37.6
277	26.7	20.1	30.1

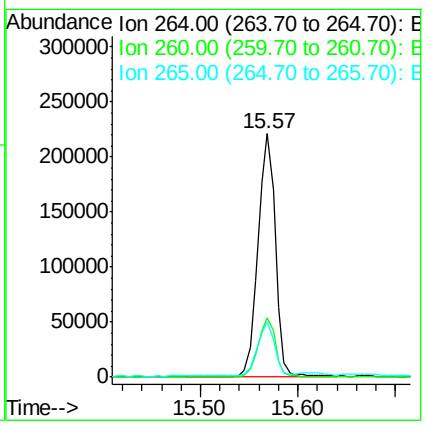


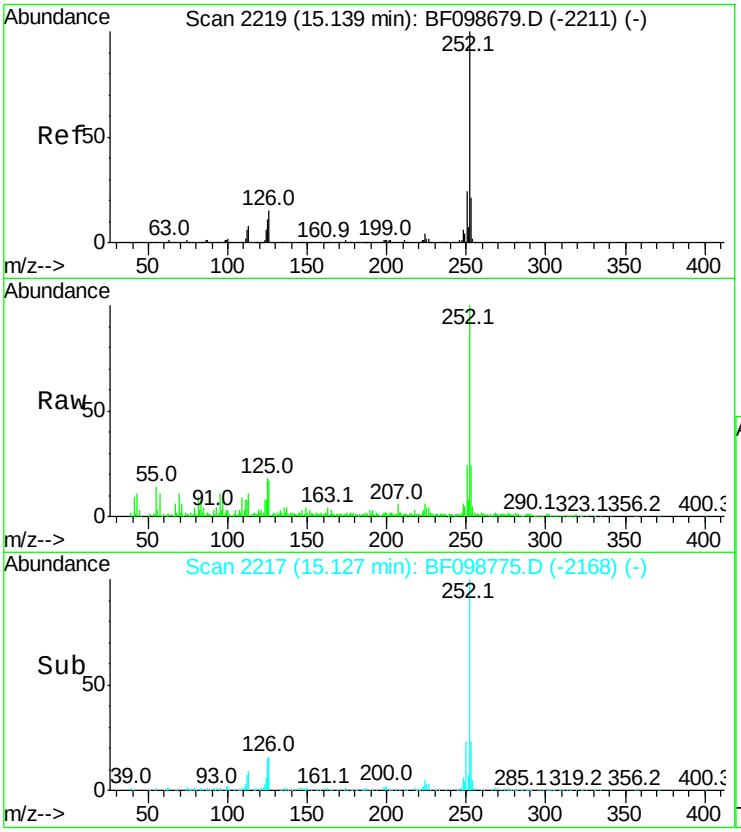


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BF098775.D
Acq: 25 Sep 2017 11:27

Tgt Ion:264 Resp: 274309

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.6	17.5	26.3



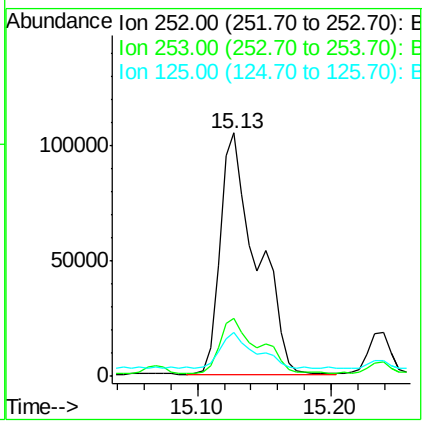


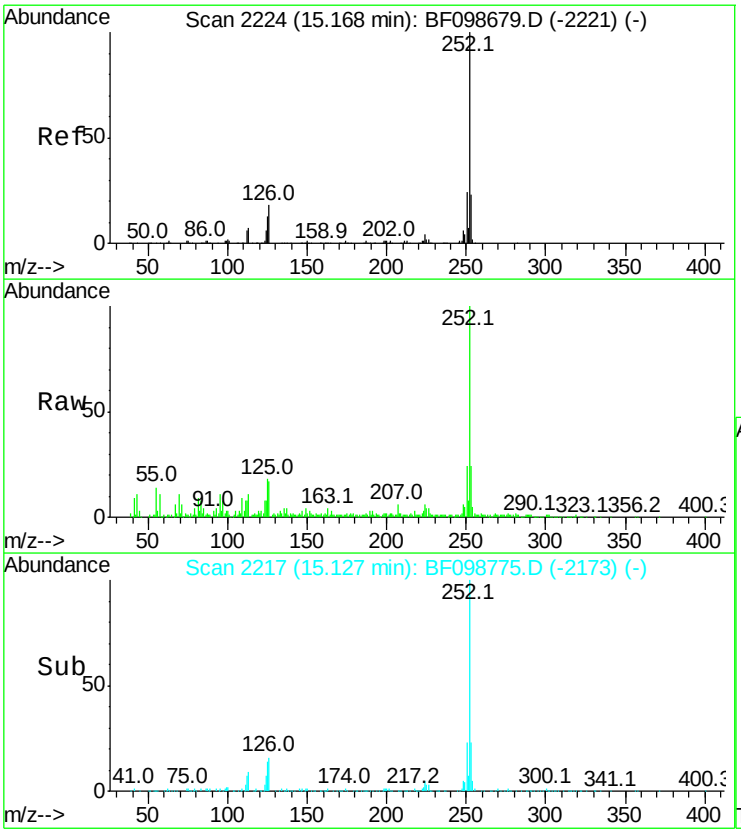
#87
Benzo(b)fluoranthene
Concen: 11.858 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF098775.D
Acq: 25 Sep 2017 11:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 199999

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	17.8	9.0	13.6#

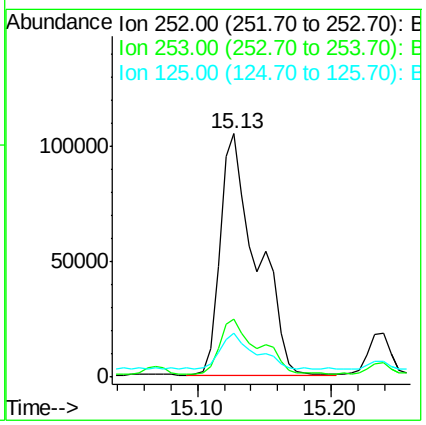


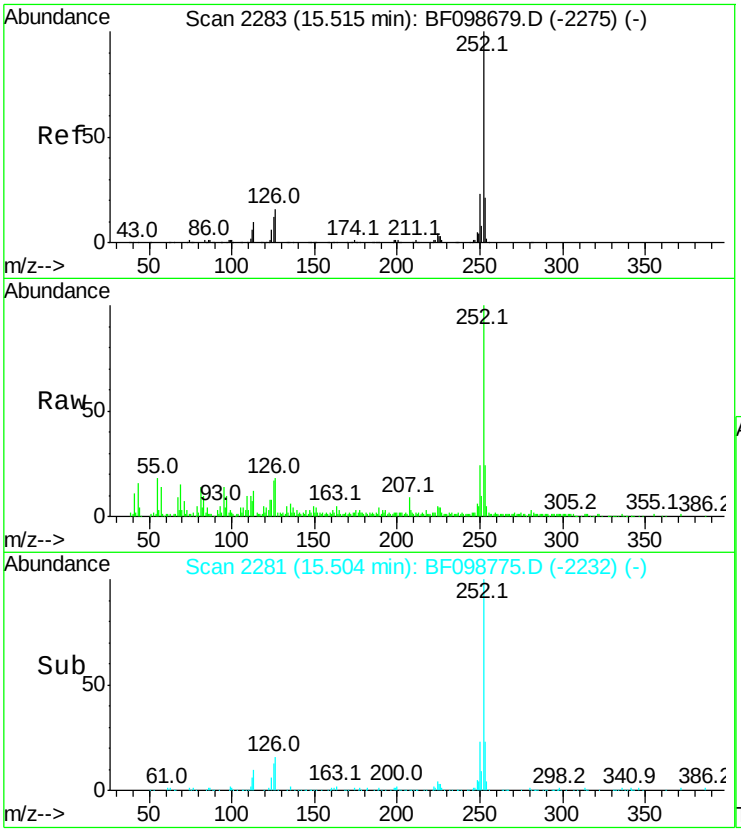


#88
Benzo(k)fluoranthene
Concen: 12.006 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.04 min
Lab File: BF098775.D
Acq: 25 Sep 2017 11:27

Tgt Ion:252 Resp: 199999

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	17.8	10.2	15.2#



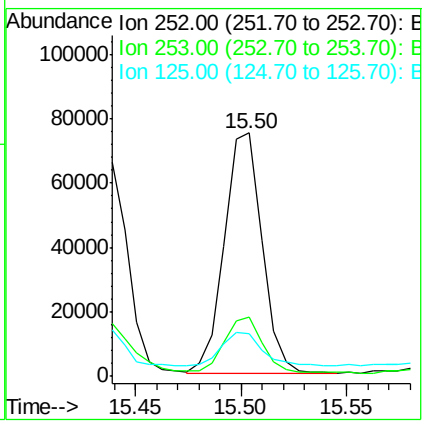


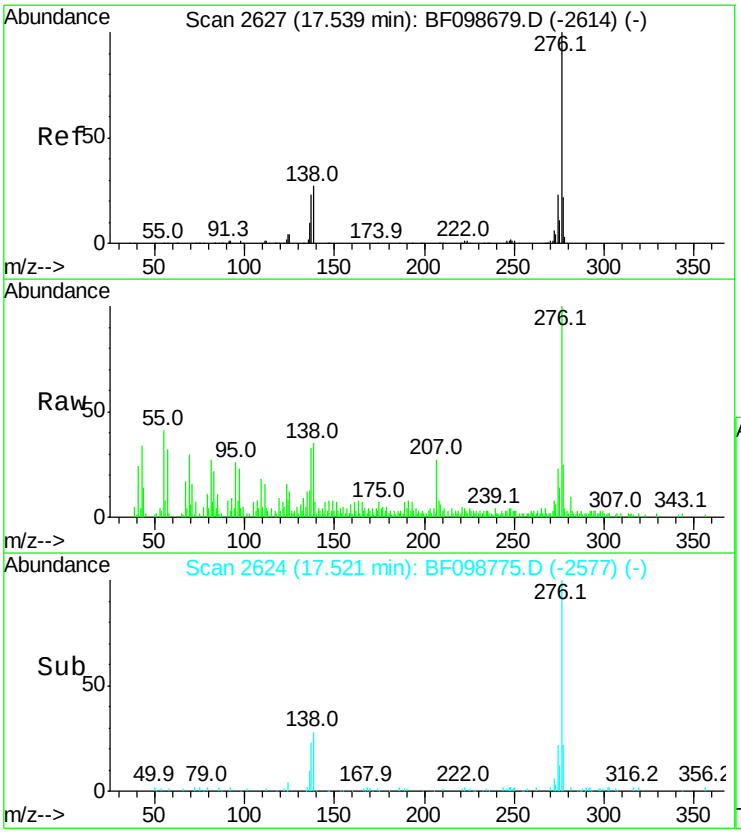
#89
Benzo(a)pyrene
Concen: 5.980 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF098775.D
Acq: 25 Sep 2017 11:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 92586

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.1	25.7
125	17.4	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 3.711 ng
RT: 17.52 min Scan# 2624
Delta R.T. -0.02 min
Lab File: BF098775.D
Acq: 25 Sep 2017 11:27

Tgt Ion:276 Resp: 45445

Ion	Ratio	Lower	Upper
276	100		
277	24.8	17.9	26.9
138	35.0	21.8	32.8#