Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121817\
Data File : BF101514.D
Acq On : 19 Dec 2017 9:09
Operator : SJ/JU
Sample : I6877-04DL 4X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7(13-15)DL

Quant Time: Dec 19 10:24:55 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 18 15:38:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	135609	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	491360	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	176619	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	284135	20.00	ng		0.00
75) Chrysene-d12	13.99	240	284074	20.00	ng		0.00
86) Perylene-d12	15.47	264	295788	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	258807	28.43	ng		0.01
7) Phenol-d6	6.45	99	312437	27.58	ng		0.00
23) Nitrobenzene-d5	7.37	82	165638	18.76	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	40673	23.90	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	255105	22.41	ng		0.00
78) Terphenyl-d14	12.92	244	184040	15.62	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	21305	2.863	ng	#	86
25) Isophorone	7.37	82	165638	9.354	ng	#	64
31) Naphthalene	8.12	128	59819	2.418	ng		99
32) Benzoic acid	7.92	122	2383	8.375	ng	#	19
50) 2,6-Dinitrotoluene	9.85	165	22676	7.853	ng	#	24
51) Acenaphthene	9.88	154	57448	5.051	ng		95
54) Dibenzofuran	10.06	168	38117	2.637	ng		97
55) 4-Nitrophenol	10.06	139	13899	8.855	ng	#	10
56) 2,4-Dinitrotoluene	9.85	165	22676	6.971	ng	#	22
57) Fluorene	10.40	166	46776	3.826	ng		99
70) Phenanthrene	11.36	178	581103	36.776	ng		99
71) Anthracene	11.42	178	199044	12.332	ng		99
72) Carbazole	11.58	167	108354	7.170	ng		98
74) Fluoranthene	12.56	202	922084	55.596	ng		96
77) Pyrene	12.79	202	949827	44.552	ng		100
80) Benzo(a)anthracene	13.98	228	768113	40.949	ng		98
82) Chrysene	14.02	228	662142	37.386	ng		97
85) Indeno(1,2,3-cd)pyrene	16.96	276	588874	37.338	ng	#	90
87) Benzo(b)fluoranthene	15.04	252	1433699	79.522	ng		97
88) Benzo(k)fluoranthene	15.04	252	1433699	81.790	ng		99
89) Benzo(a)pyrene	15.41	252	943688	56.780	ng		96
90) Dibenzo(a,h)anthracene	17.17	278	81911	5.740	ng		96
91) Benzo(g,h,i)perylene	17.41	276	550212	38.939	ng		94

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

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SB-7(13-15)DL

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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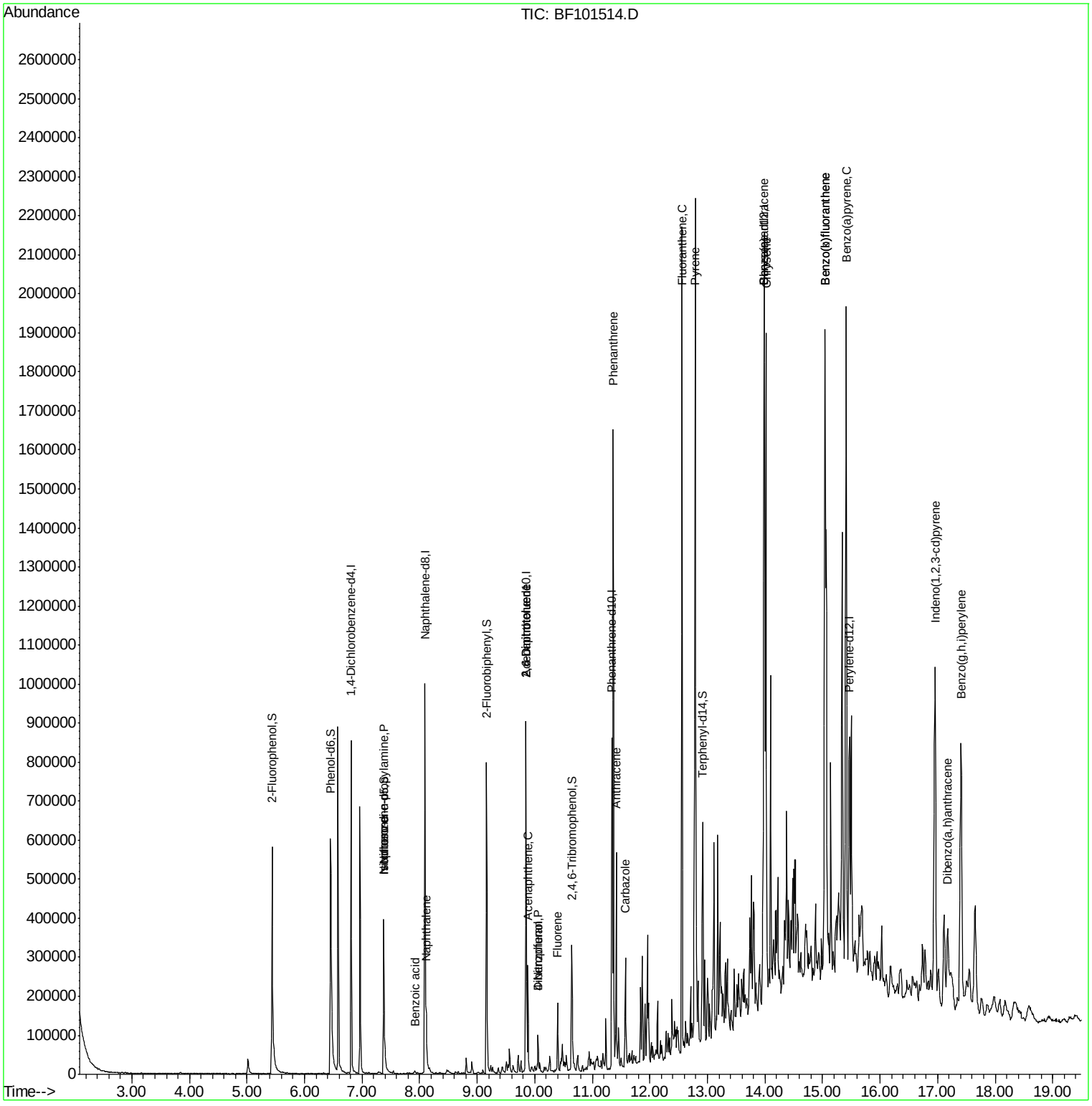
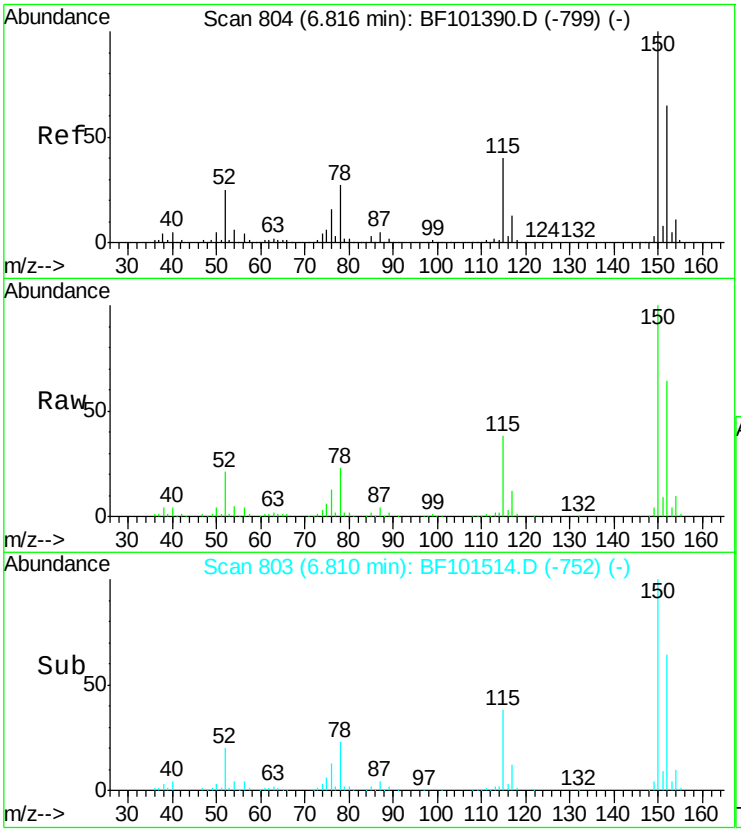


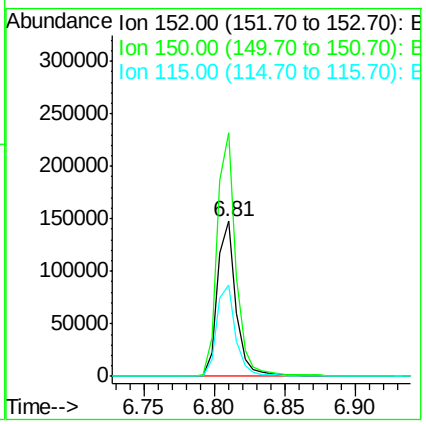


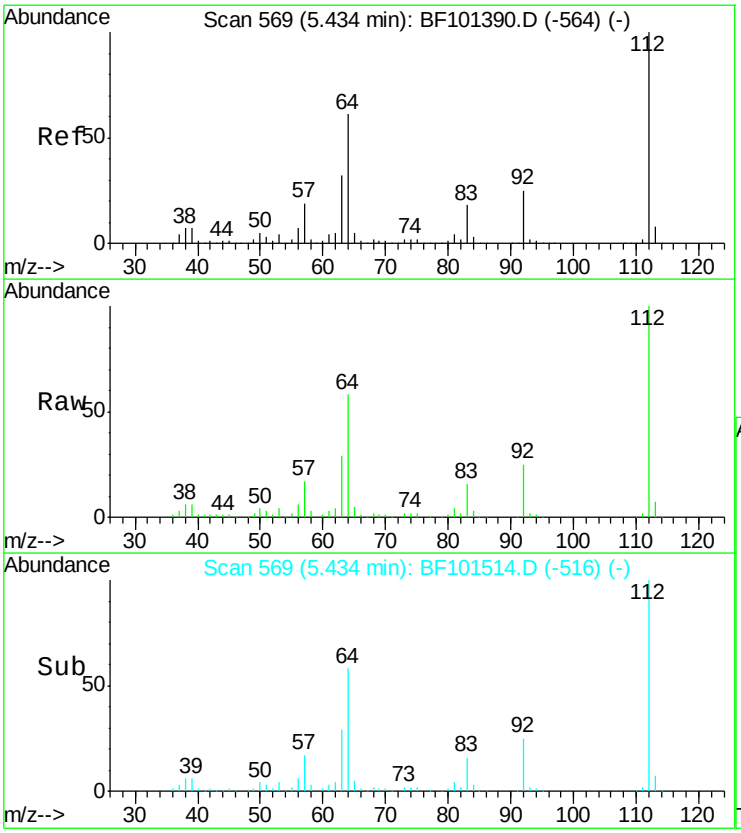
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF101514.D
Acq: 19 Dec 2017 9:09

Instrument :
BNA_F
ClientSampleId :
SB-7(13-15)DL

Tgt Ion:152 Resp: 135609

Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	59.3	50.1	75.1

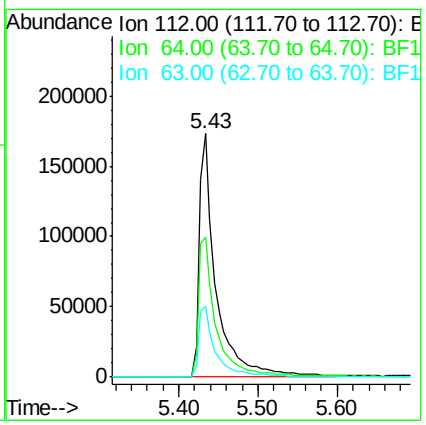


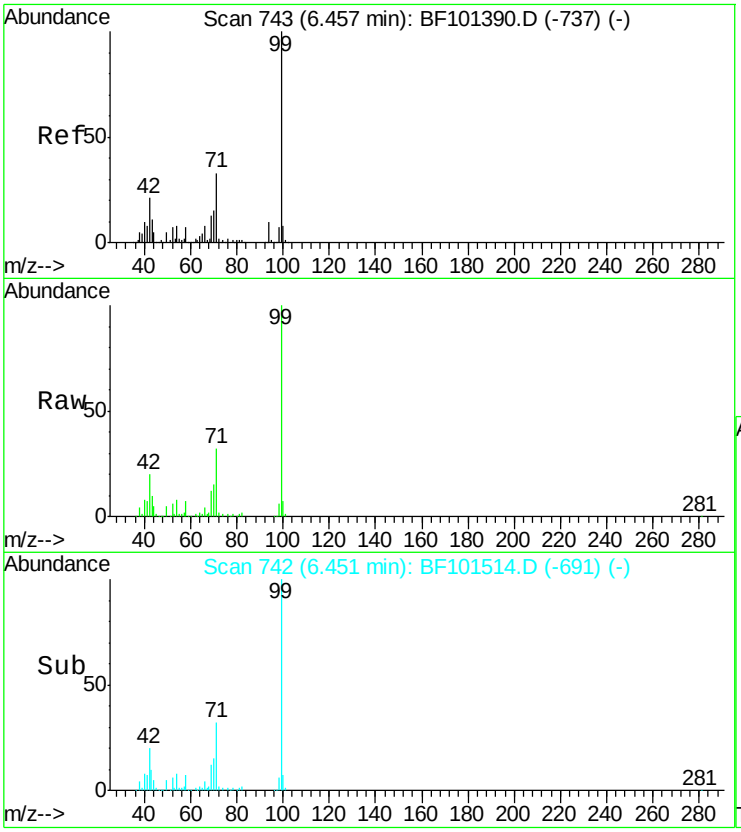


#5
2-Fluorophenol
Concen: 28.428 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF101514.D
Acq: 19 Dec 2017 9:09

Tgt Ion:112 Resp: 258807

Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.9	71.9
63	29.3	23.7	35.5



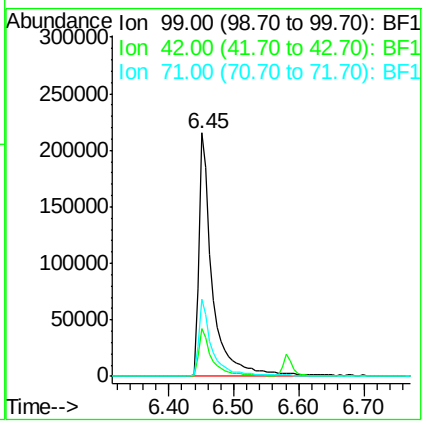


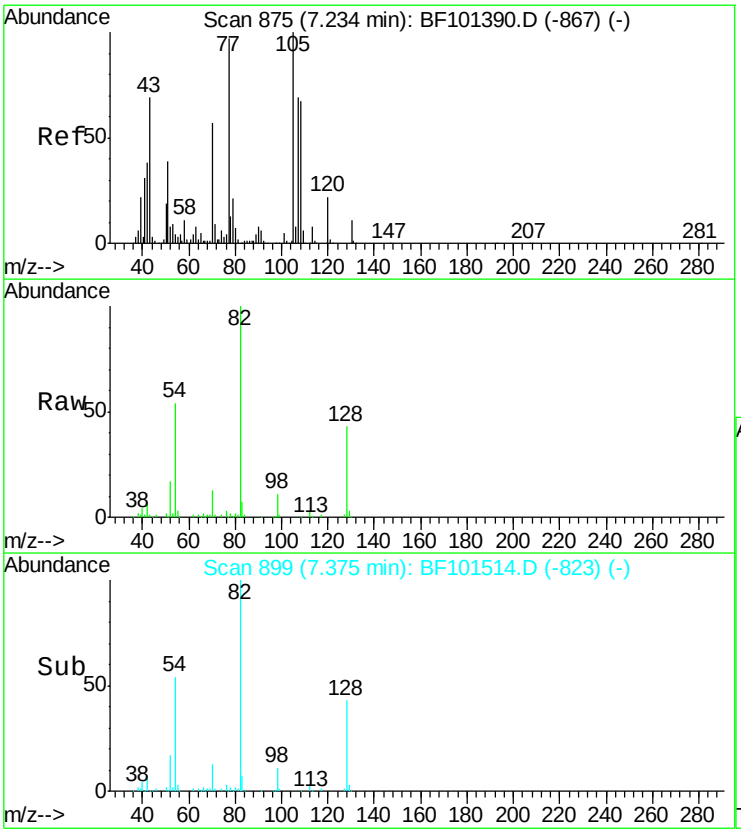
#7
Phenol-d6
Concen: 27.576 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF101514.D
Acq: 19 Dec 2017 9:09

Instrument :
BNA_F
ClientSampleId :
SB-7(13-15)DL

Tgt Ion: 99 Resp: 312437

Ion	Ratio	Lower	Upper
99	100		
42	19.9	14.5	21.7
71	31.9	25.4	38.0

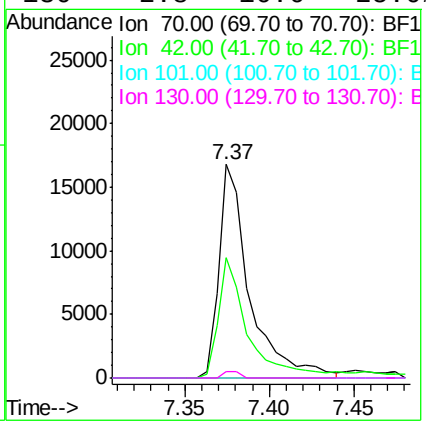


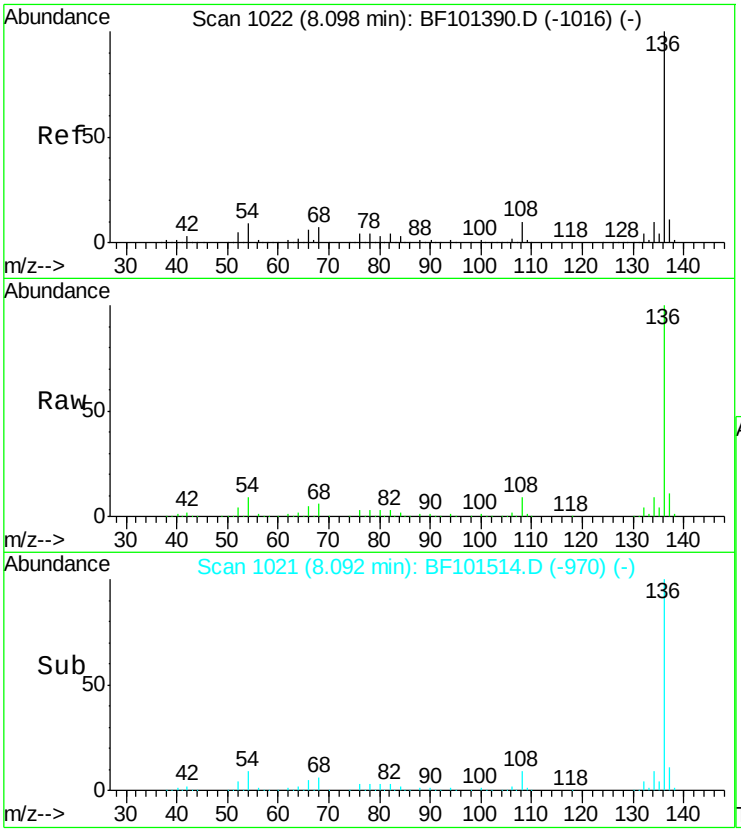


#19
n-Nitroso-di-n-propylamine
Concen: 2.863 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF101514.D
Acq: 19 Dec 2017 9:09

Tgt Ion: 70 Resp: 21305

Ion	Ratio	Lower	Upper
70	100		
42	56.3	47.5	71.3
101	0.0	7.4	11.2#
130	2.8	16.6	25.0#



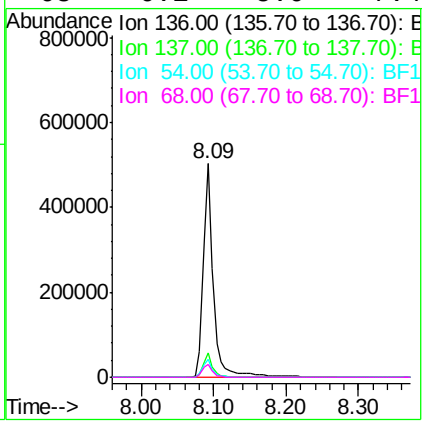


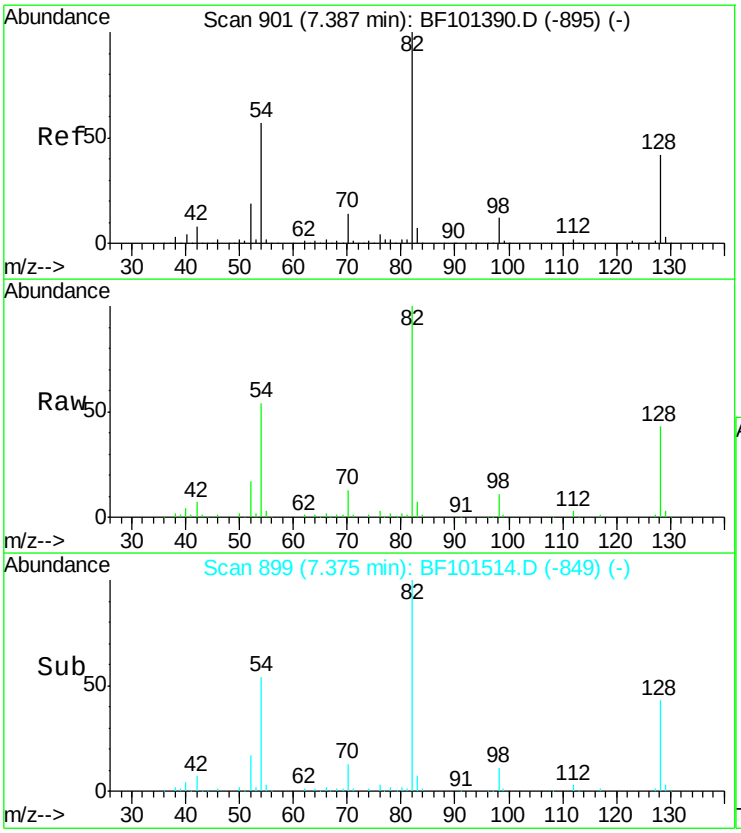
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF101514.D
Acq: 19 Dec 2017 9:09

Instrument :
BNA_F
ClientSampleId :
SB-7(13-15)DL

Tgt Ion:136 Resp: 491360

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.7	6.6	9.8
68	6.1	5.0	7.4

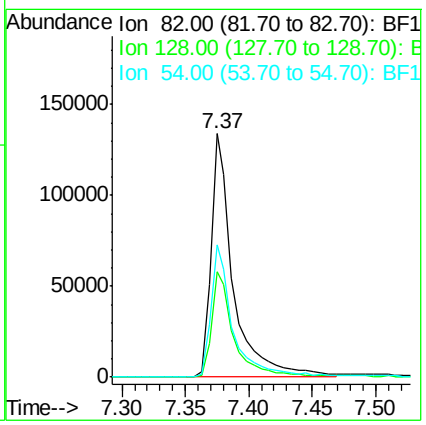


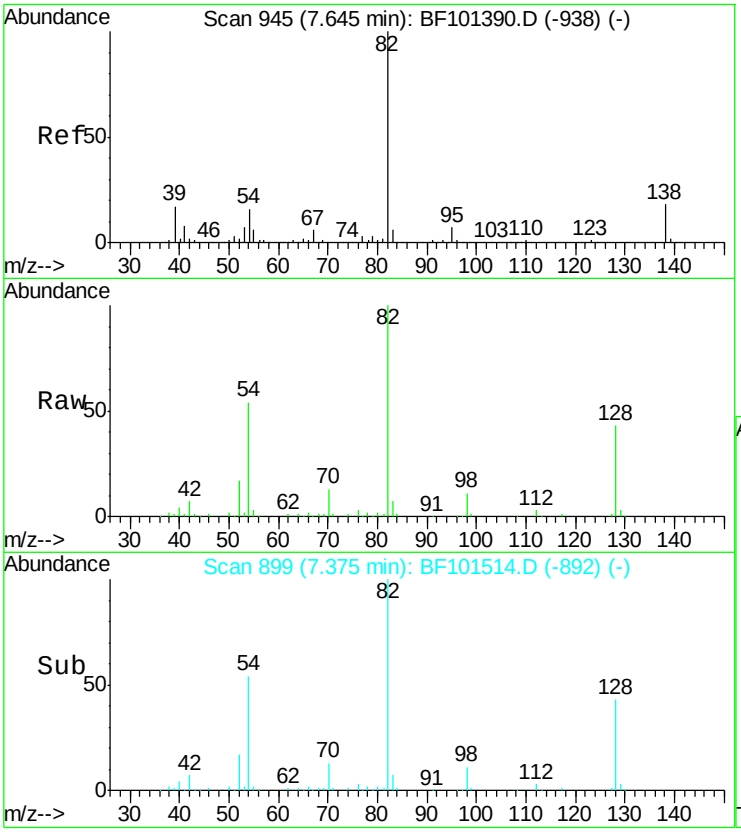


#23
Nitrobenzene-d5
Concen: 18.765 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF101514.D
Acq: 19 Dec 2017 9:09

Tgt Ion: 82 Resp: 165638

Ion	Ratio	Lower	Upper
82	100		
128	43.4	36.1	54.1
54	54.5	41.4	62.2



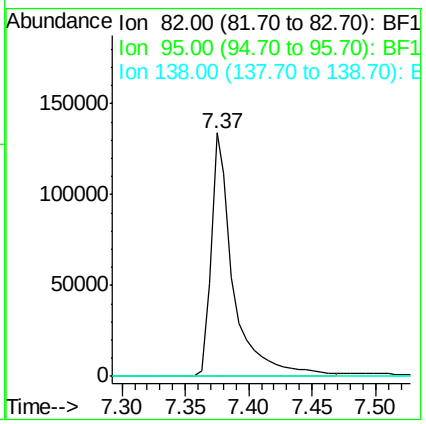


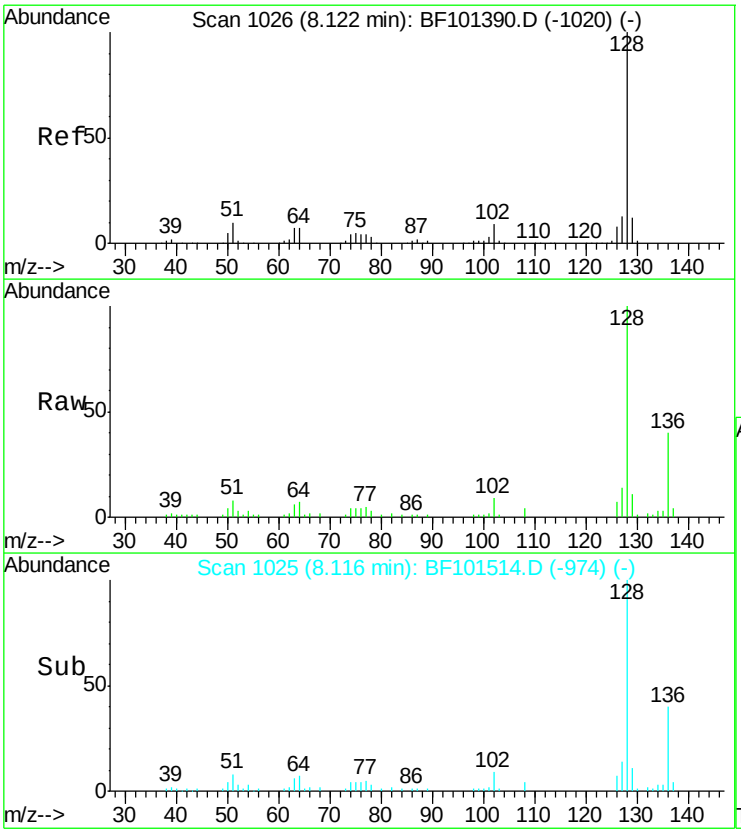
#25
Isophorone
Concen: 9.354 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF101514.D
Acq: 19 Dec 2017 9:09

Instrument :
BNA_F
ClientSampleId :
SB-7(13-15)DL

Tgt Ion: 82 Resp: 165638

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

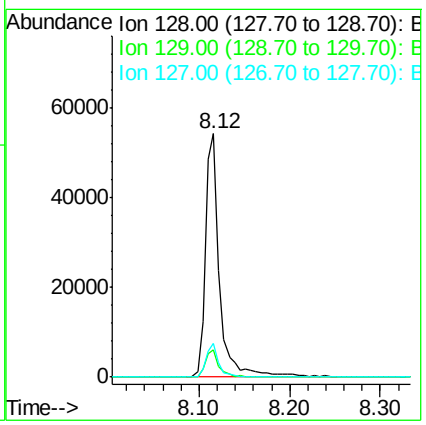


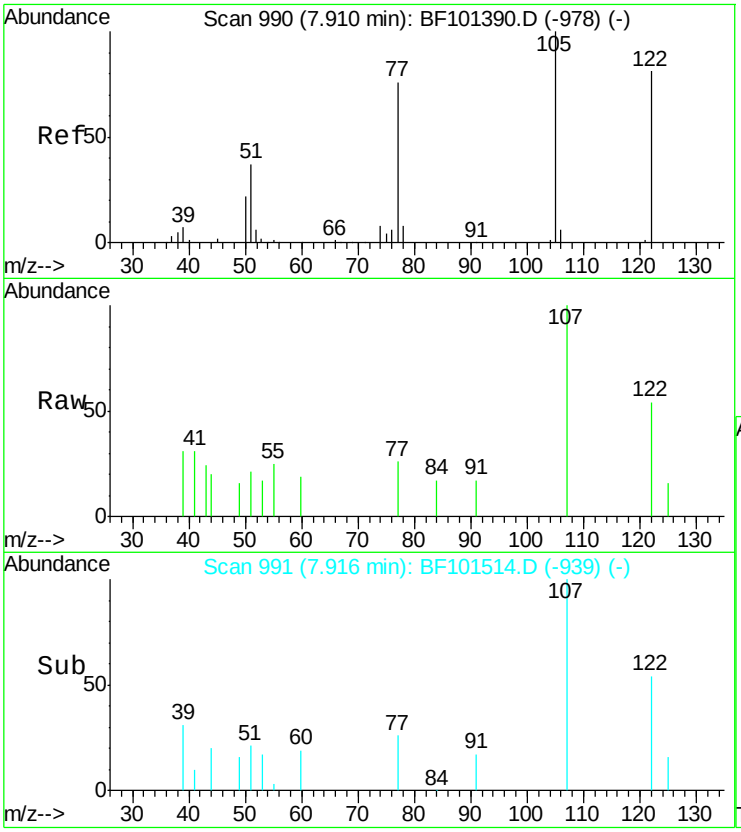


#31
Naphthalene
Concen: 2.418 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF101514.D
Acq: 19 Dec 2017 9:09

Tgt Ion:128 Resp: 59819

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	14.0	10.9	16.3



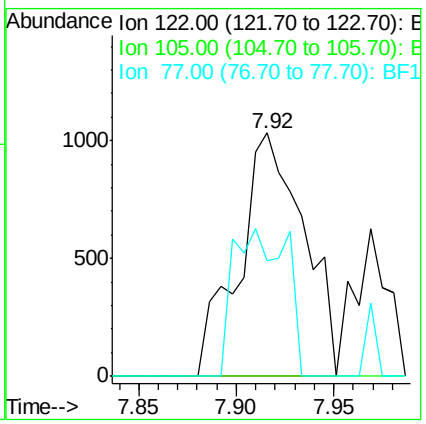


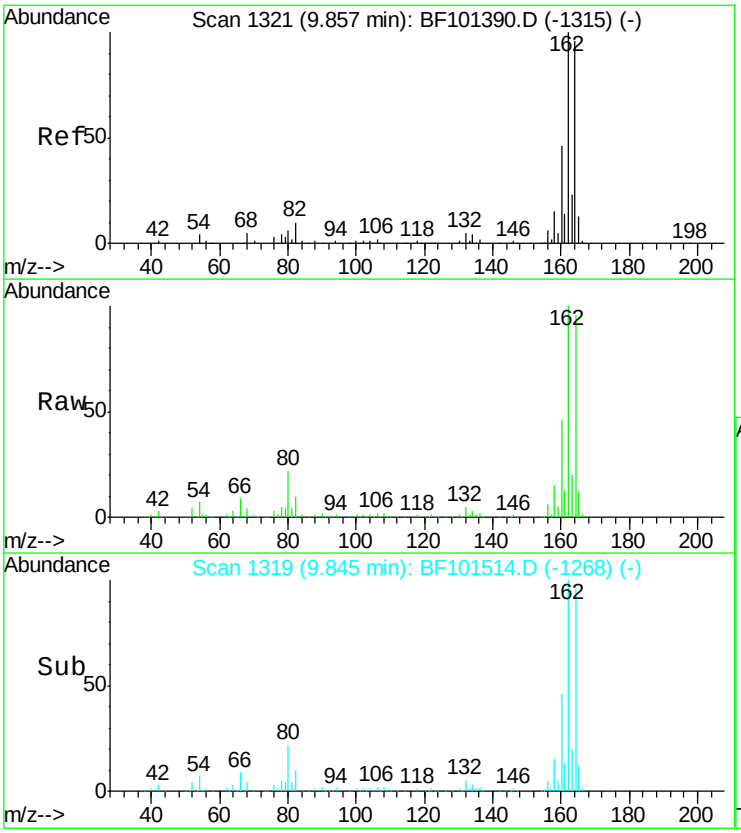
#32
Benzoic acid
Concen: 8.375 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.01 min
Lab File: BF101514.D
Acq: 19 Dec 2017 9:09

Instrument :
BNA_F
ClientSampleId :
SB-7(13-15)DL

Tgt Ion:122 Resp: 2383

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	47.6	70.7	110.7#

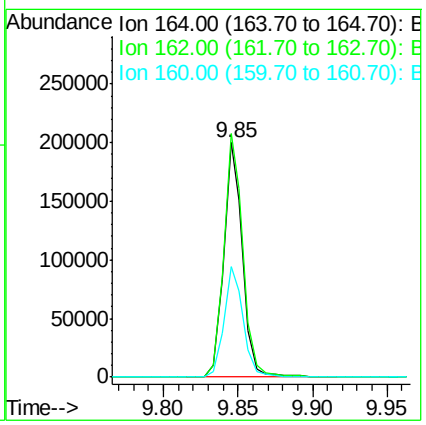


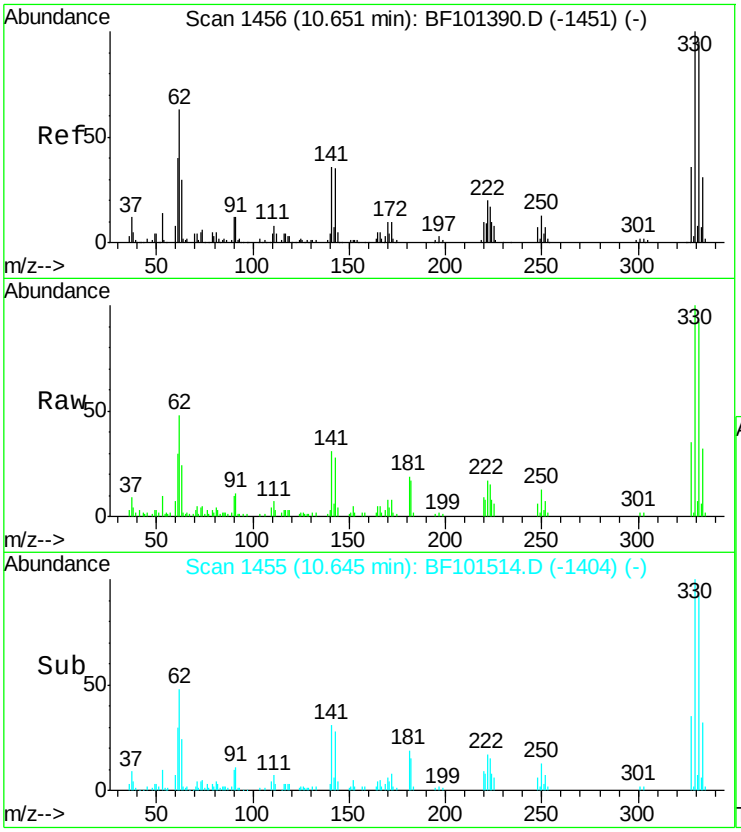


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF101514.D
Acq: 19 Dec 2017 9:09

Tgt Ion:164 Resp: 176619

Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	47.3	38.3	57.5



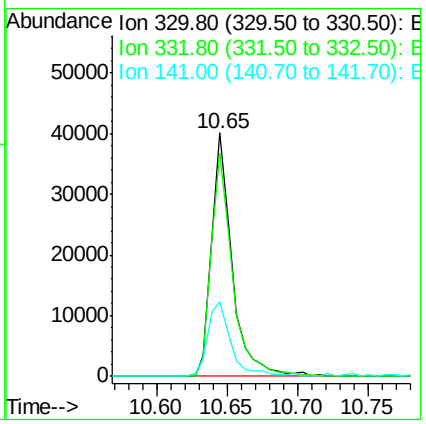


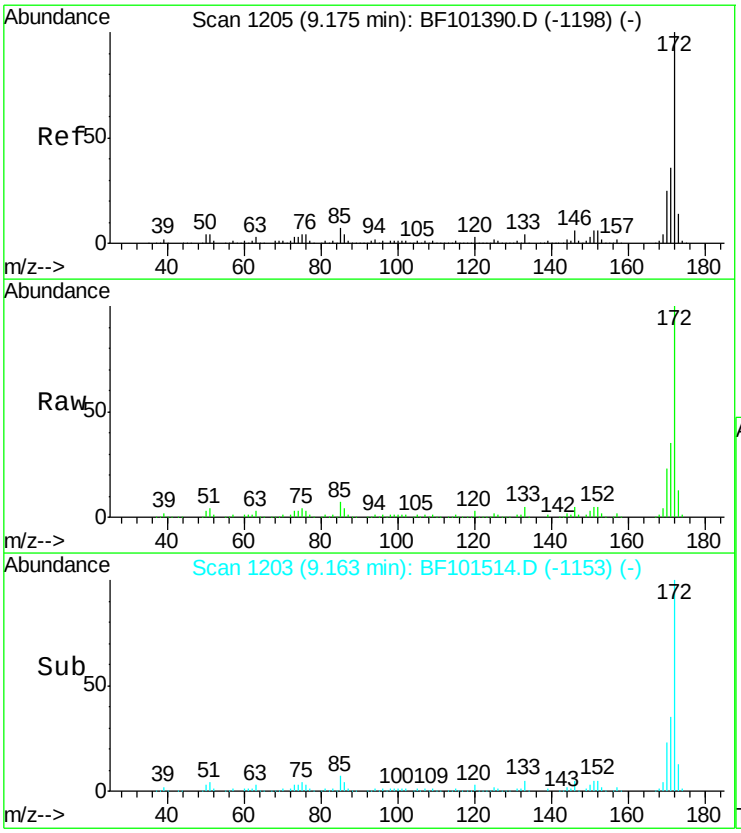
#41
2,4,6-Tribromophenol
Concen: 23.899 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BF101514.D
Acq: 19 Dec 2017 9:09

Instrument :
BNA_F
ClientSampleId :
SB-7(13-15)DL

Tgt Ion:330 Resp: 40673

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	34.8	29.9	44.9

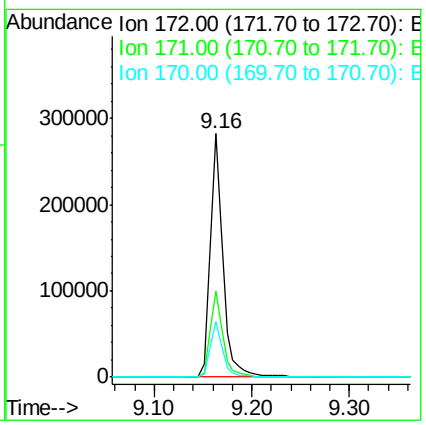


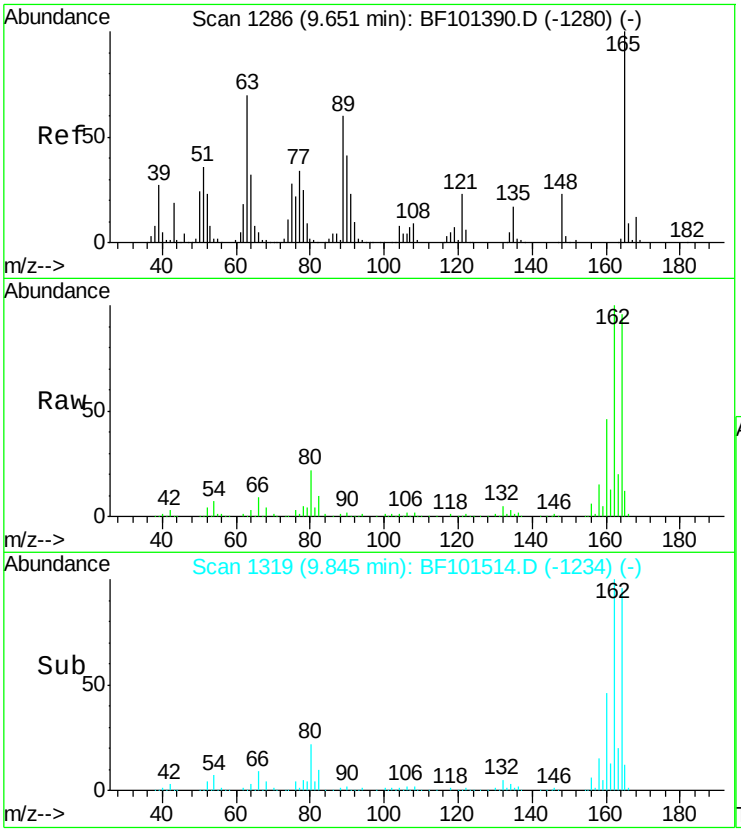


#44
2-Fluorobiphenyl
Concen: 22.406 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF101514.D
Acq: 19 Dec 2017 9:09

Tgt Ion:172 Resp: 255105

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	22.9	19.6	29.4



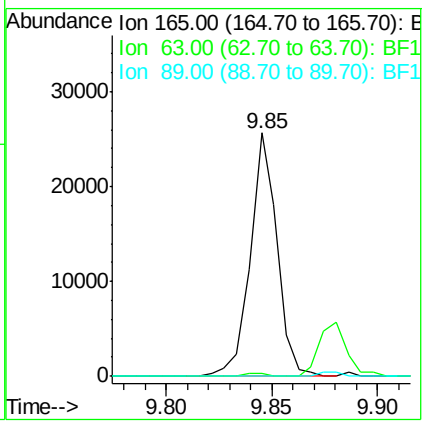


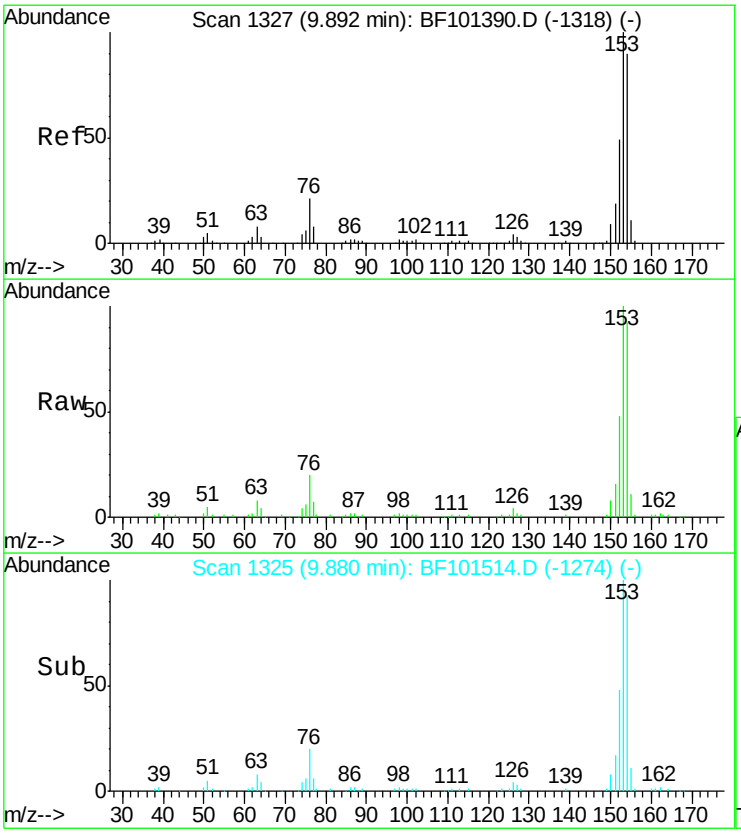
#50
2,6-Dinitrotoluene
Concen: 7.853 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.20 min
Lab File: BF101514.D
Acq: 19 Dec 2017 9:09

Instrument :
BNA_F
ClientSampleId :
SB-7(13-15)DL

Tgt Ion:165 Resp: 22676

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	0.0	44.0	66.0#

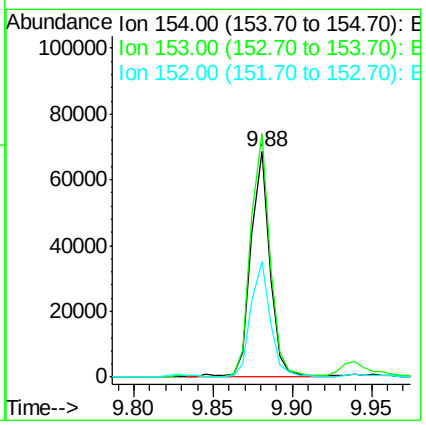


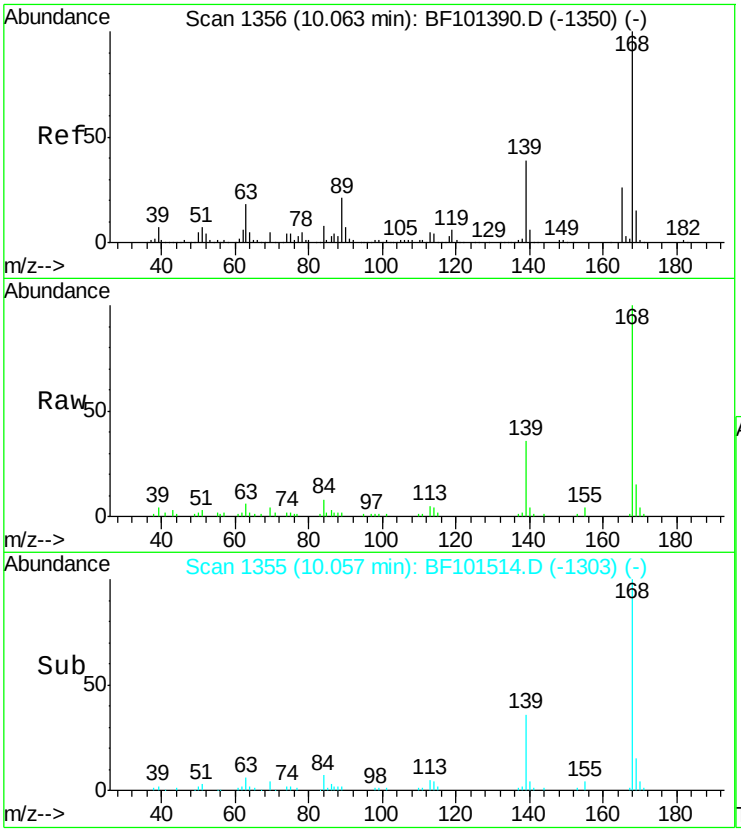


#51
Acenaphthene
Concen: 5.051 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF101514.D
Acq: 19 Dec 2017 9:09

Tgt Ion:154 Resp: 57448

Ion	Ratio	Lower	Upper
154	100		
153	108.2	91.2	136.8
152	51.6	43.8	65.8



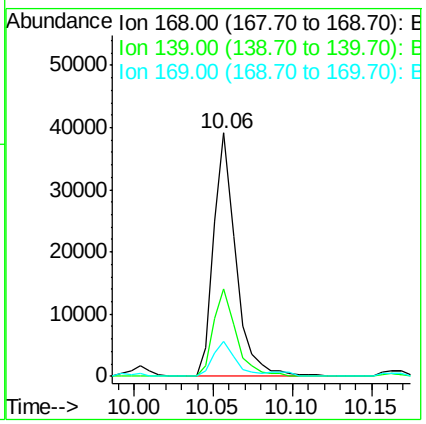


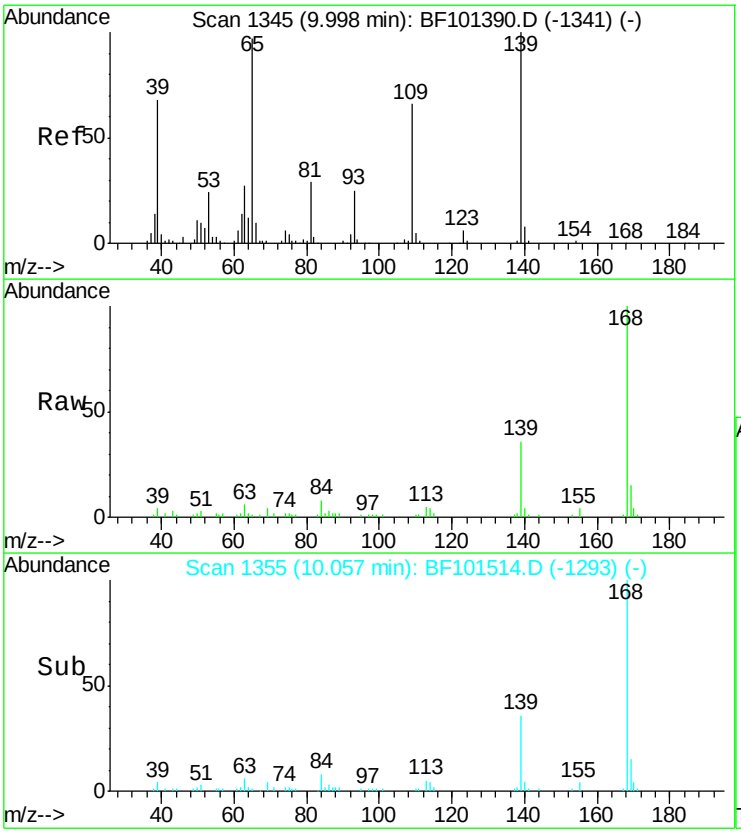
#54
Dibenzofuran
Concen: 2.637 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BF101514.D
Acq: 19 Dec 2017 9:09

Instrument :
BNA_F
ClientSampleId :
SB-7(13-15)DL

Tgt Ion:168 Resp: 38117

Ion	Ratio	Lower	Upper
168	100		
139	35.9	30.1	45.1
169	14.6	10.9	16.3

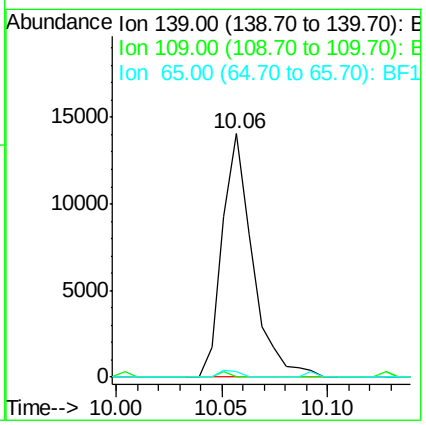


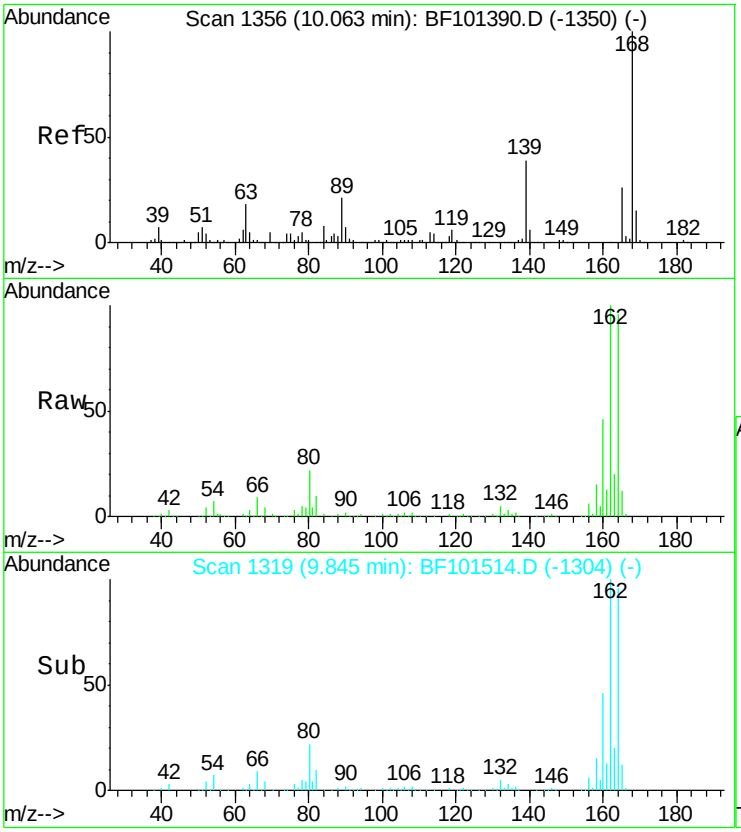


#55
4-Nitrophenol
Concen: 8.855 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.06 min
Lab File: BF101514.D
Acq: 19 Dec 2017 9:09

Tgt Ion:139 Resp: 13899

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	2.4	72.6	112.6#



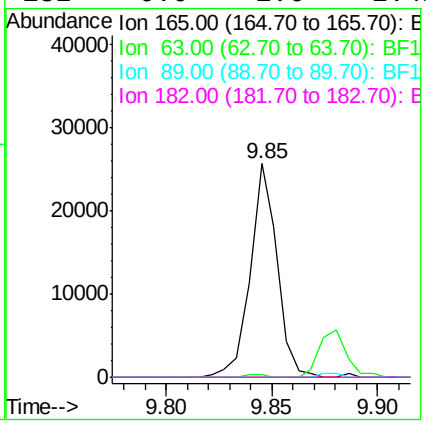


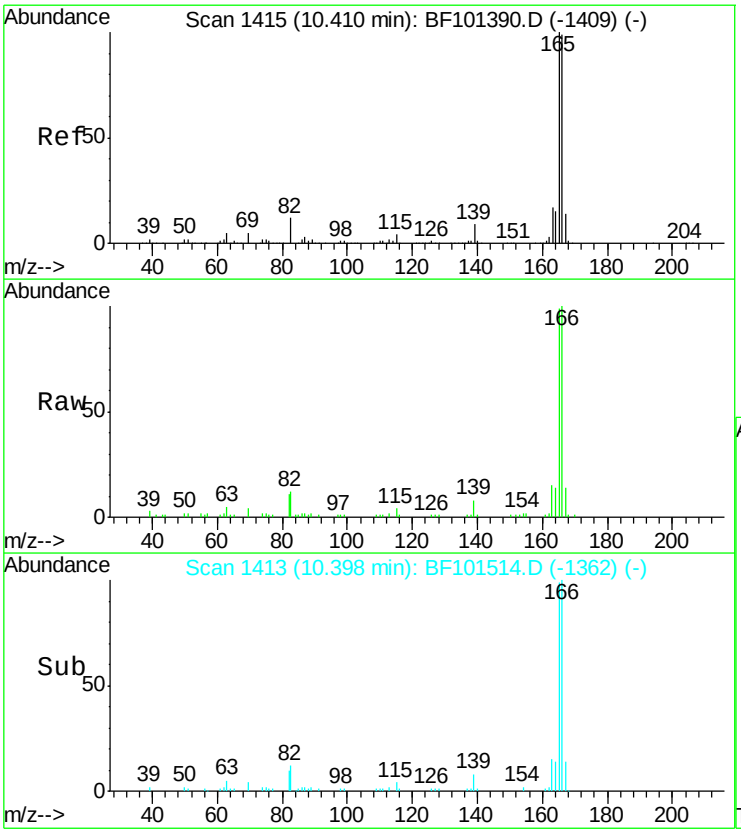
#56
2,4-Dinitrotoluene
Concen: 6.971 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.21 min
Lab File: BF101514.D
Acq: 19 Dec 2017 9:09

Instrument :
BNA_F
ClientSampleId :
SB-7(13-15)DL

Tgt Ion:165 Resp: 22676

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

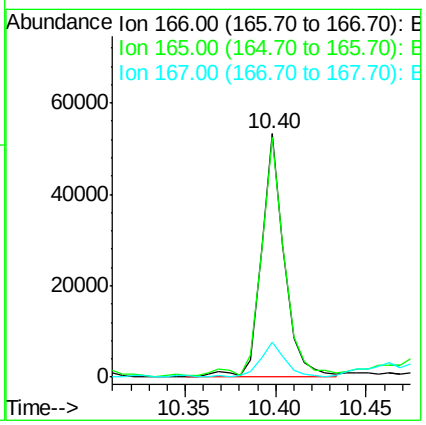


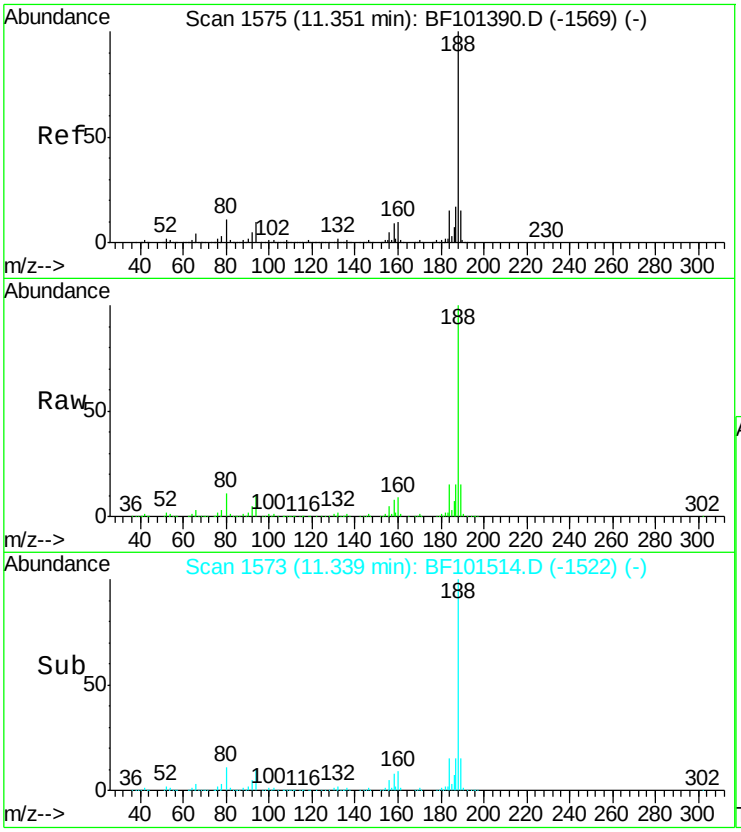


#57
Fluorene
Concen: 3.826 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF101514.D
Acq: 19 Dec 2017 9:09

Tgt Ion:166 Resp: 46776

Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.8	119.8
167	14.4	10.6	16.0



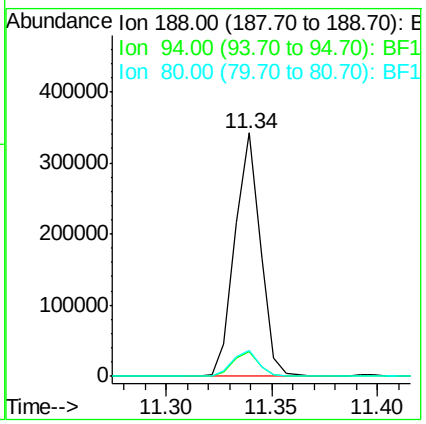


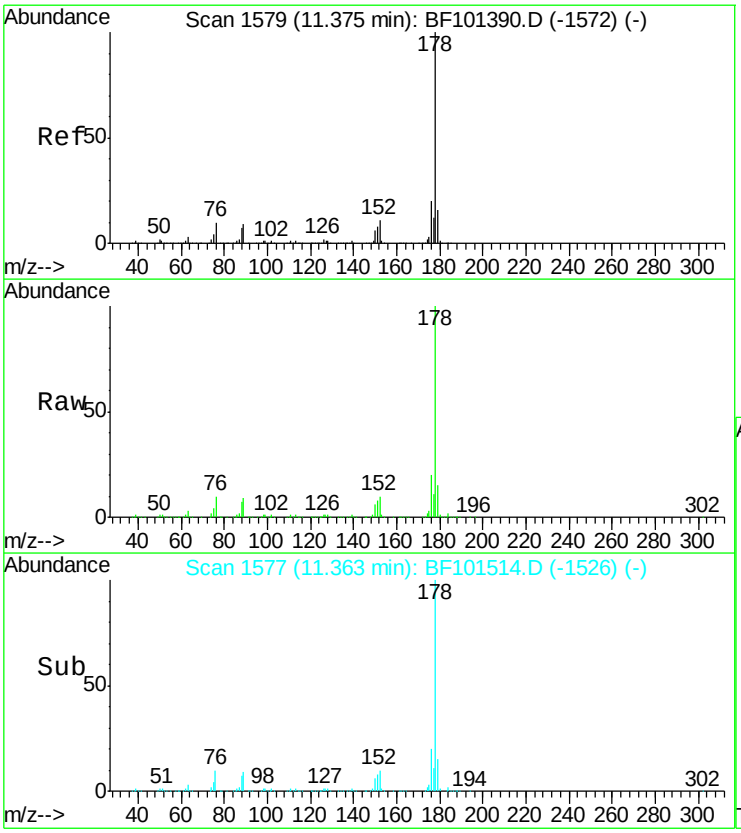
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF101514.D
Acq: 19 Dec 2017 9:09

Instrument :
BNA_F
ClientSampleId :
SB-7(13-15)DL

Tgt Ion:188 Resp: 284135

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.8	9.2	13.8

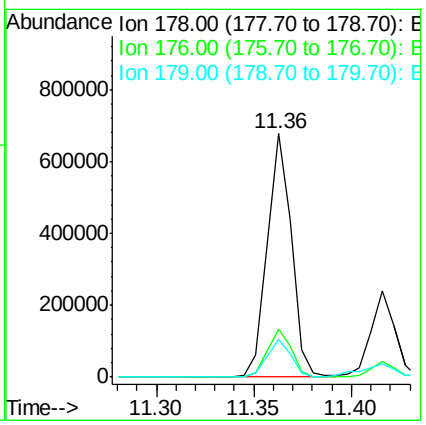


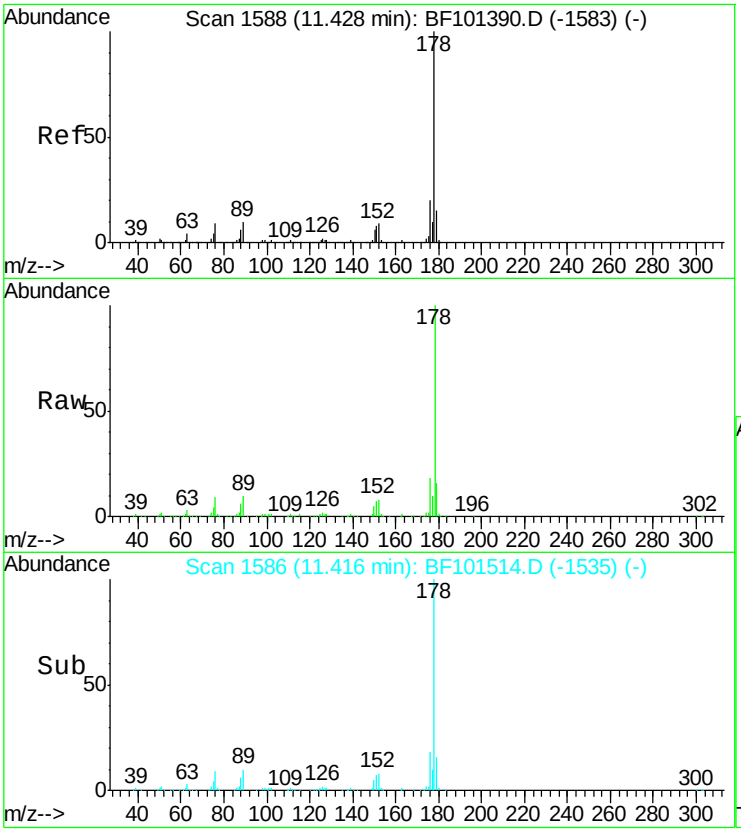


#70
Phenanthrene
Concen: 36.776 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BF101514.D
Acq: 19 Dec 2017 9:09

Tgt Ion:178 Resp: 581103

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.4	13.0	19.6



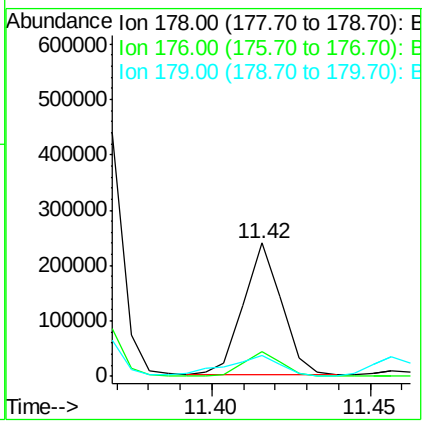


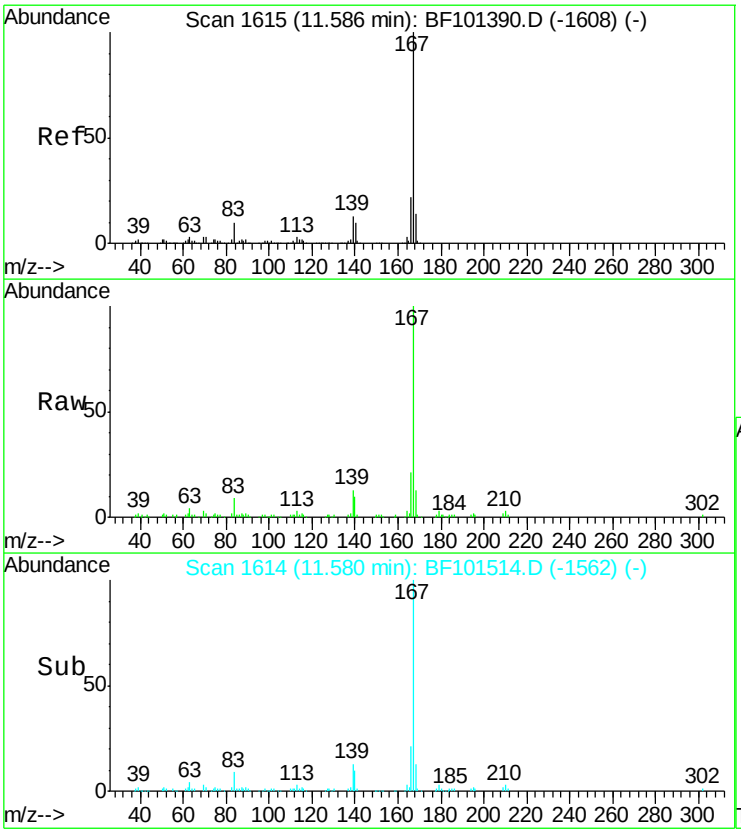
#71
Anthracene
Concen: 12.332 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF101514.D
Acq: 19 Dec 2017 9:09

Instrument :
BNA_F
ClientSampleId :
SB-7(13-15)DL

Tgt Ion:178 Resp: 199044

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	15.7	12.6	19.0

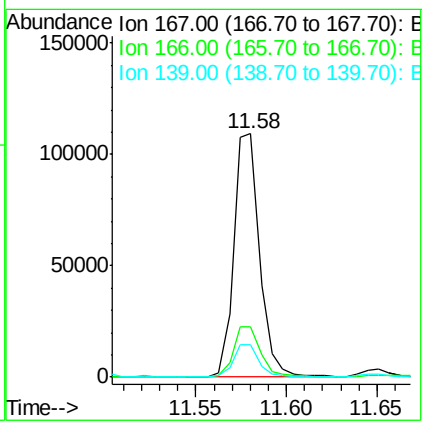


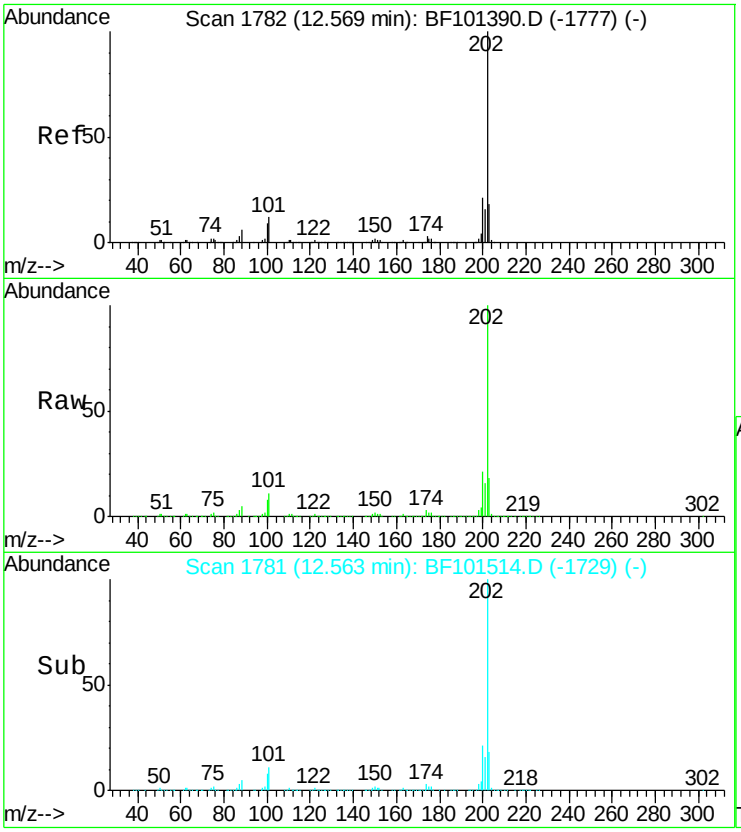


#72
Carbazole
Concen: 7.170 ng
RT: 11.58 min Scan# 1614
Delta R.T. 0.01 min
Lab File: BF101514.D
Acq: 19 Dec 2017 9:09

Tgt Ion:167 Resp: 108354

Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.6	26.4
139	13.3	10.9	16.3



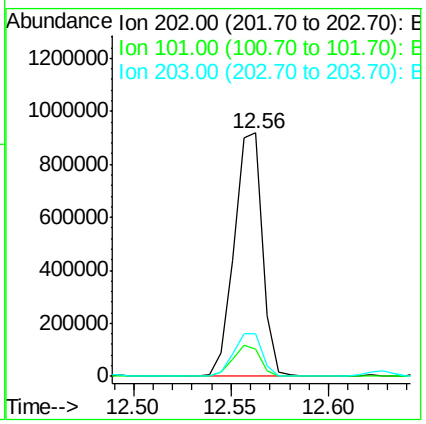


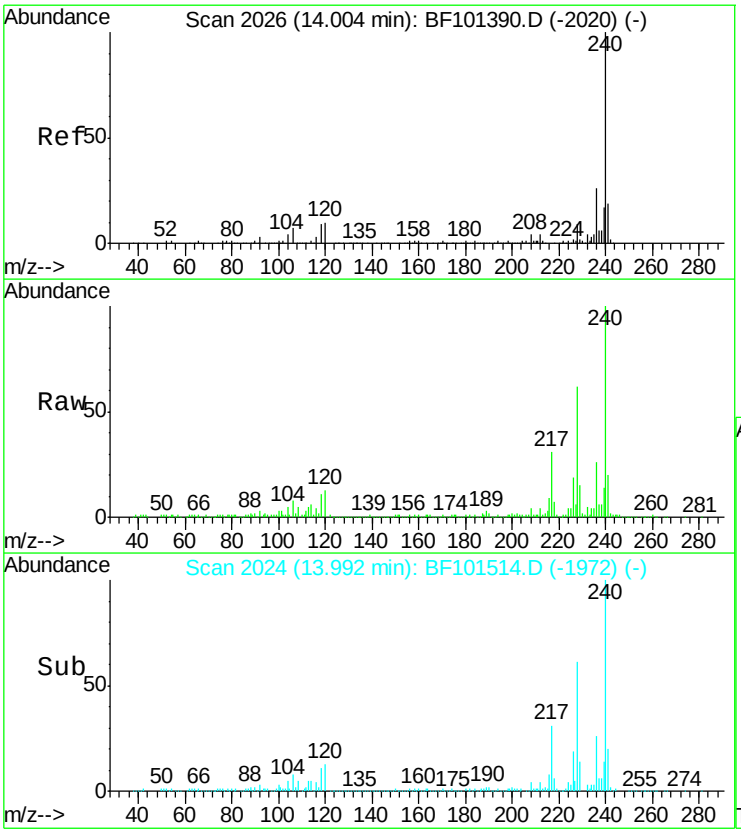
#74
Fluoranthene
Concen: 55.596 ng
RT: 12.56 min Scan# 1781
Delta R.T. 0.01 min
Lab File: BF101514.D
Acq: 19 Dec 2017 9:09

Instrument :
BNA_F
ClientSampleId :
SB-7(13-15)DL

Tgt Ion:202 Resp: 922084

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	34.1
203	17.7	0.0	38.1

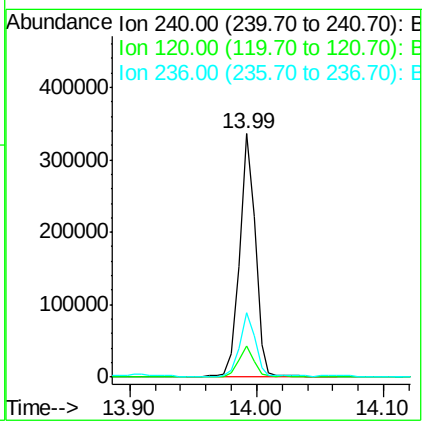


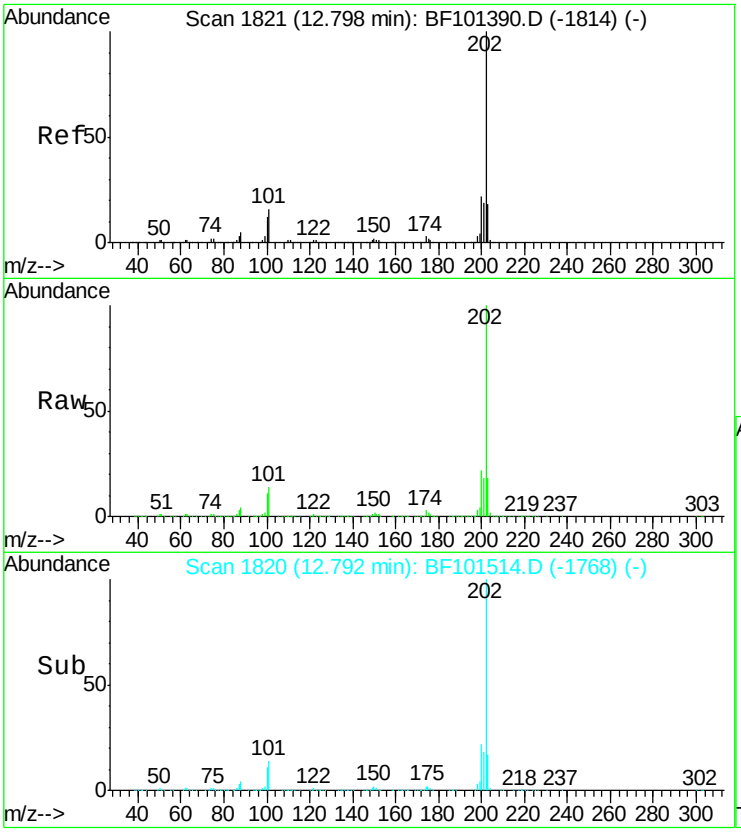


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BF101514.D
Acq: 19 Dec 2017 9:09

Tgt Ion:240 Resp: 284074

Ion	Ratio	Lower	Upper
240	100		
120	12.6	9.5	14.3
236	26.2	20.7	31.1



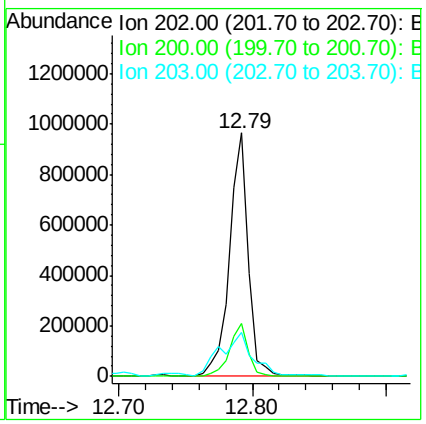


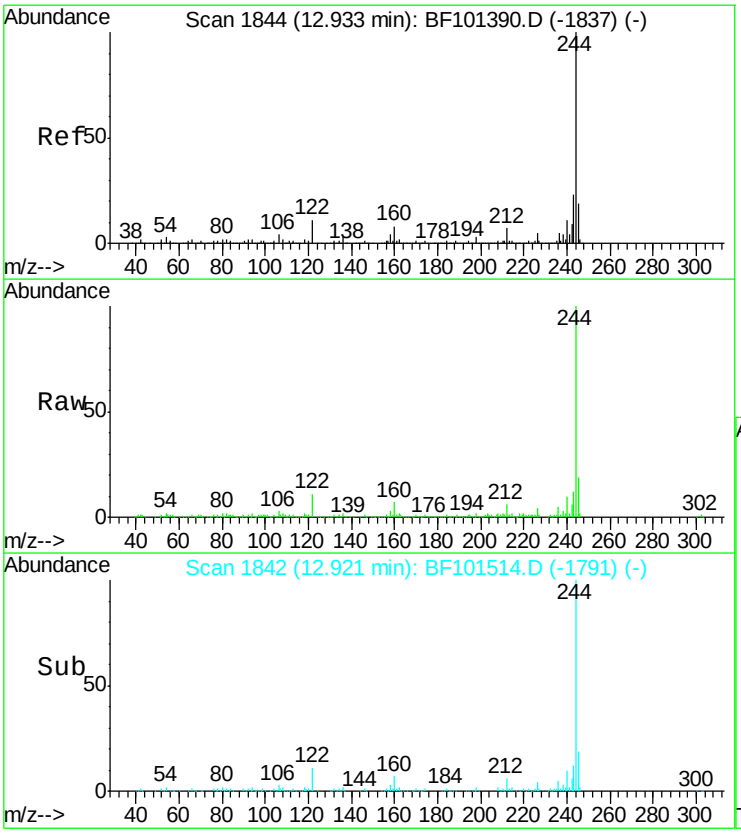
#77
Pyrene
Concen: 44.552 ng
RT: 12.79 min Scan# 1820
Delta R.T. 0.01 min
Lab File: BF101514.D
Acq: 19 Dec 2017 9:09

Instrument :
BNA_F
ClientSampleId :
SB-7(13-15)DL

Tgt Ion:202 Resp: 949827

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.8	14.3	21.5

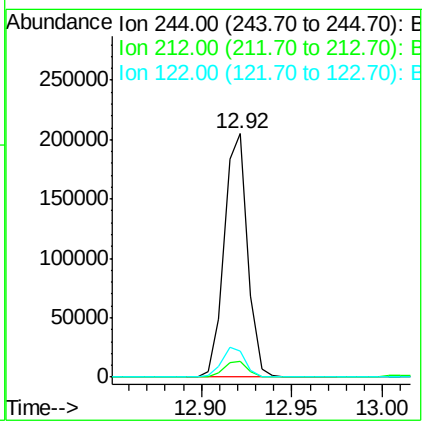


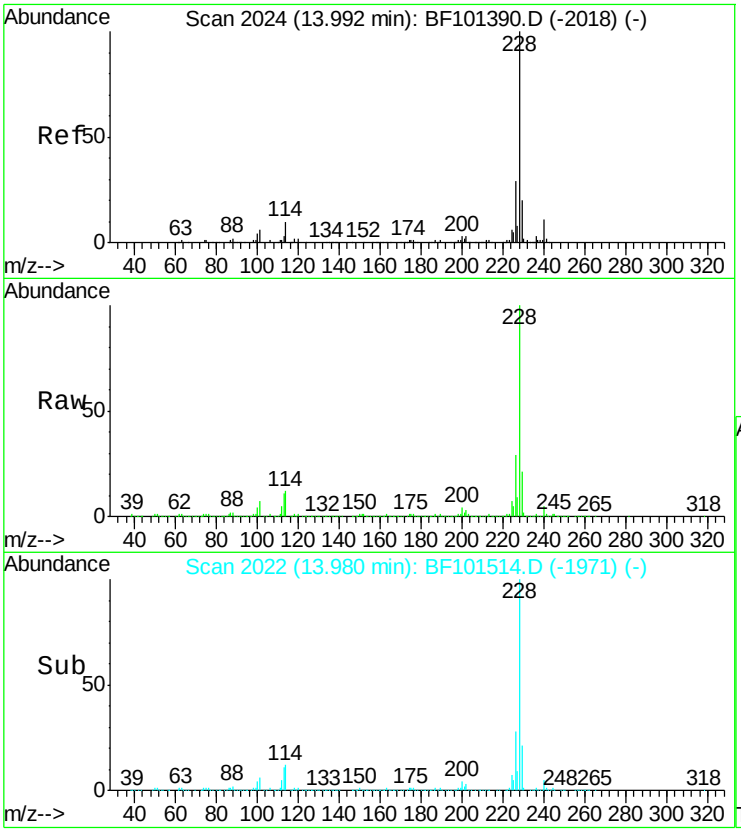


#78
Terphenyl-d14
Concen: 15.618 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF101514.D
Acq: 19 Dec 2017 9:09

Tgt Ion:244 Resp: 184040

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	10.7	11.0	16.4#



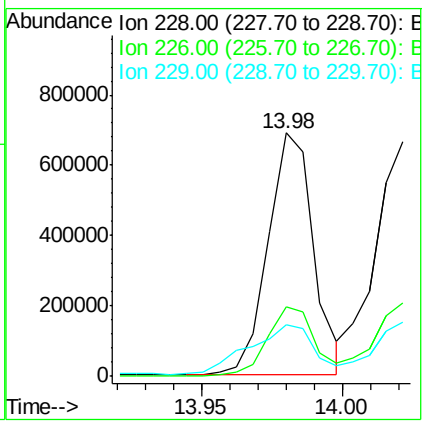


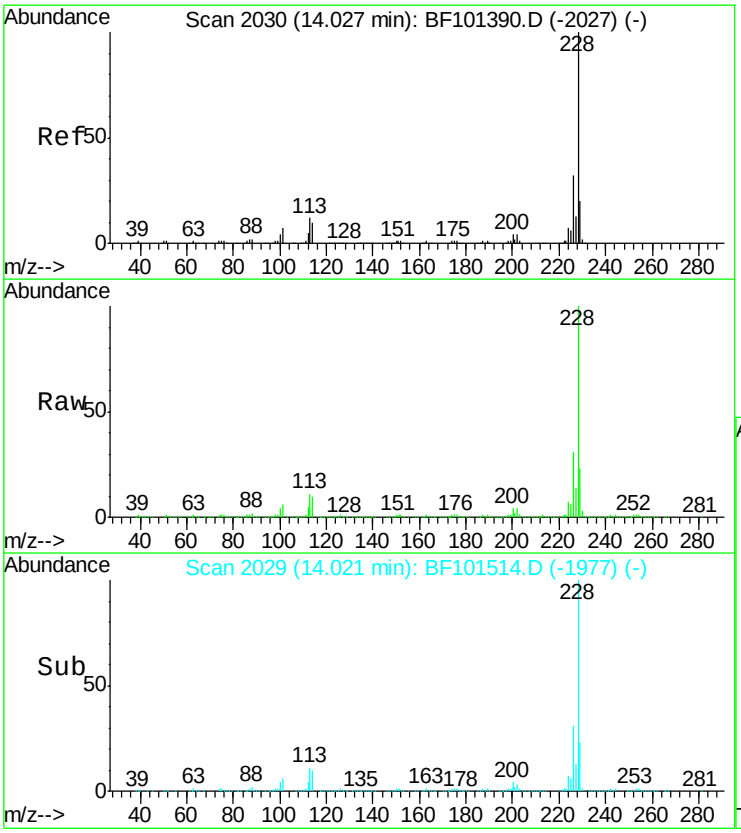
#80
Benzo(a)anthracene
Concen: 40.949 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF101514.D
Acq: 19 Dec 2017 9:09

Instrument :
BNA_F
ClientSampleId :
SB-7(13-15)DL

Tgt Ion:228 Resp: 768113

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	21.0	15.8	23.6

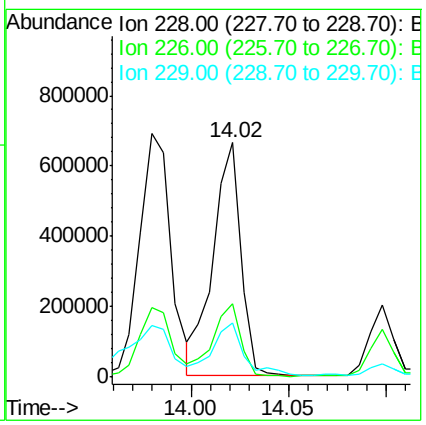


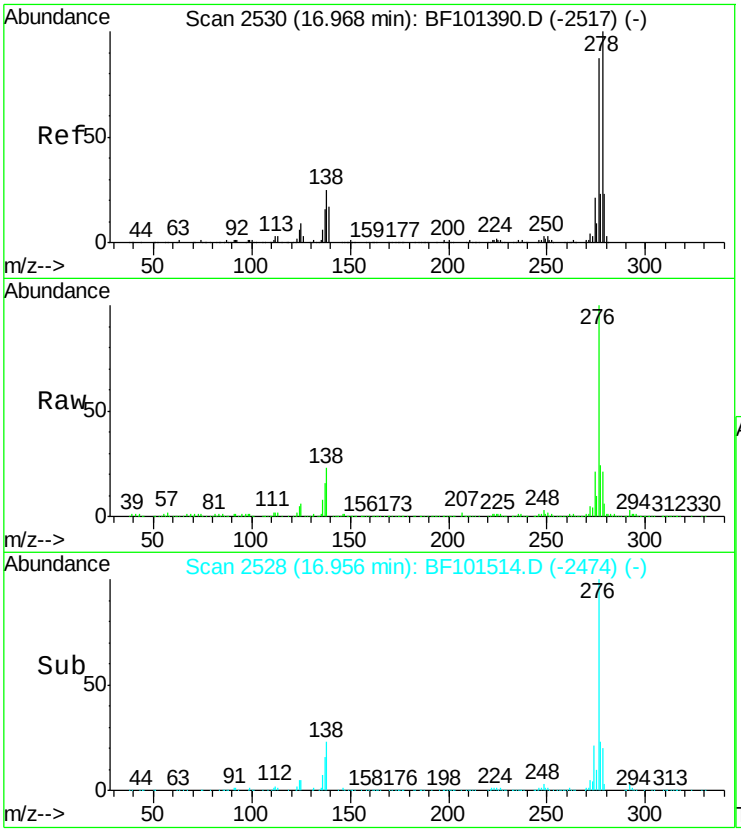


#82
Chrysene
Concen: 37.386 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF101514.D
Acq: 19 Dec 2017 9:09

Tgt Ion:228 Resp: 662142

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	23.2	16.2	24.4



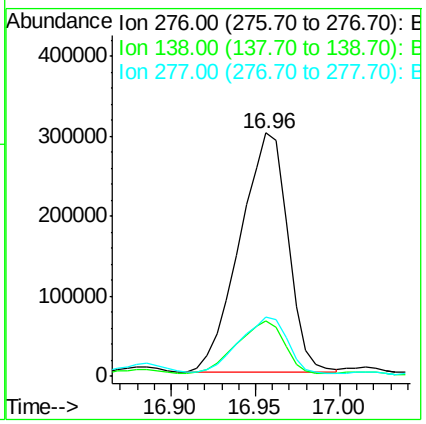


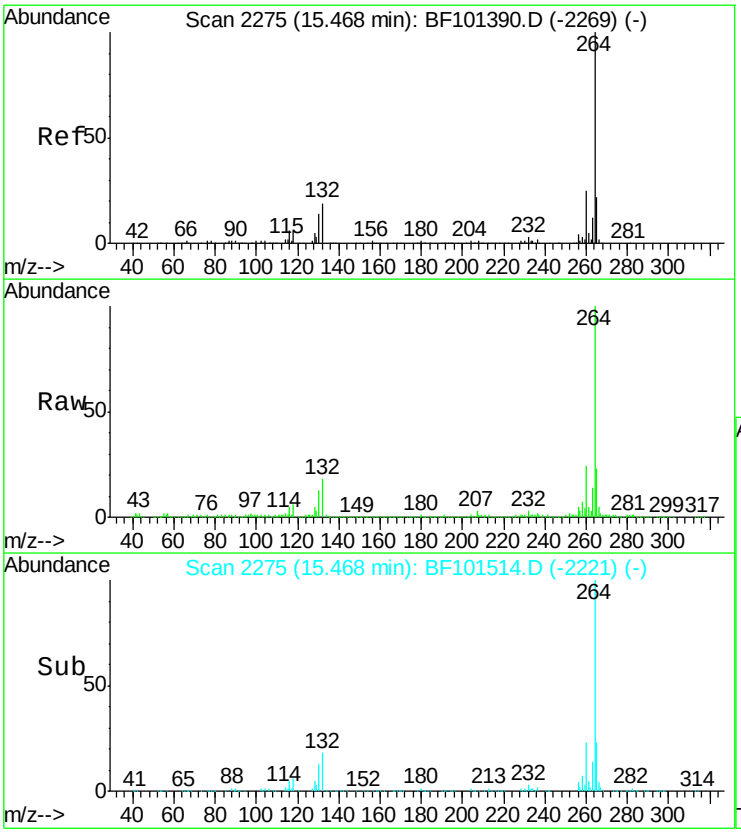
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.338 ng
RT: 16.96 min Scan# 2528
Delta R.T. 0.02 min
Lab File: BF101514.D
Acq: 19 Dec 2017 9:09

Instrument :
BNA_F
ClientSampleId :
SB-7(13-15)DL

Tgt Ion:276 Resp: 588874

Ion	Ratio	Lower	Upper
276	100		
138	22.7	25.0	37.6#
277	24.1	20.1	30.1

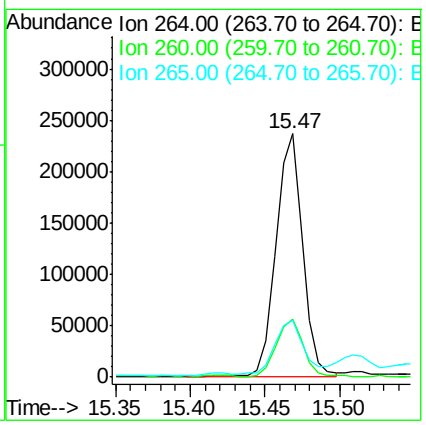


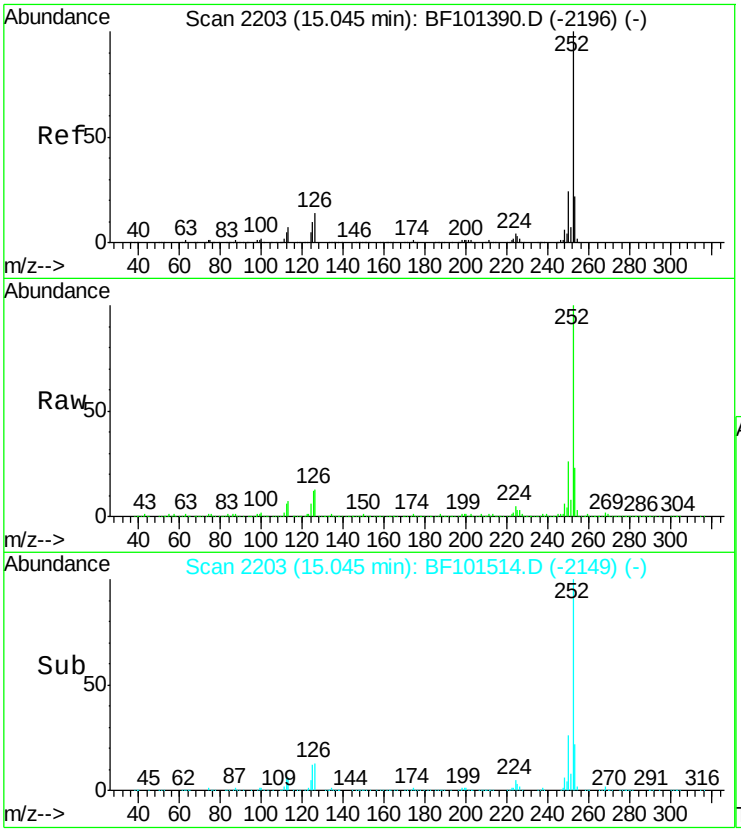


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.02 min
Lab File: BF101514.D
Acq: 19 Dec 2017 9:09

Tgt Ion:264 Resp: 295788

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	23.3	17.5	26.3



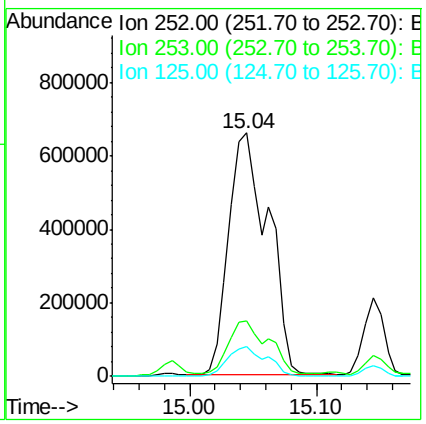


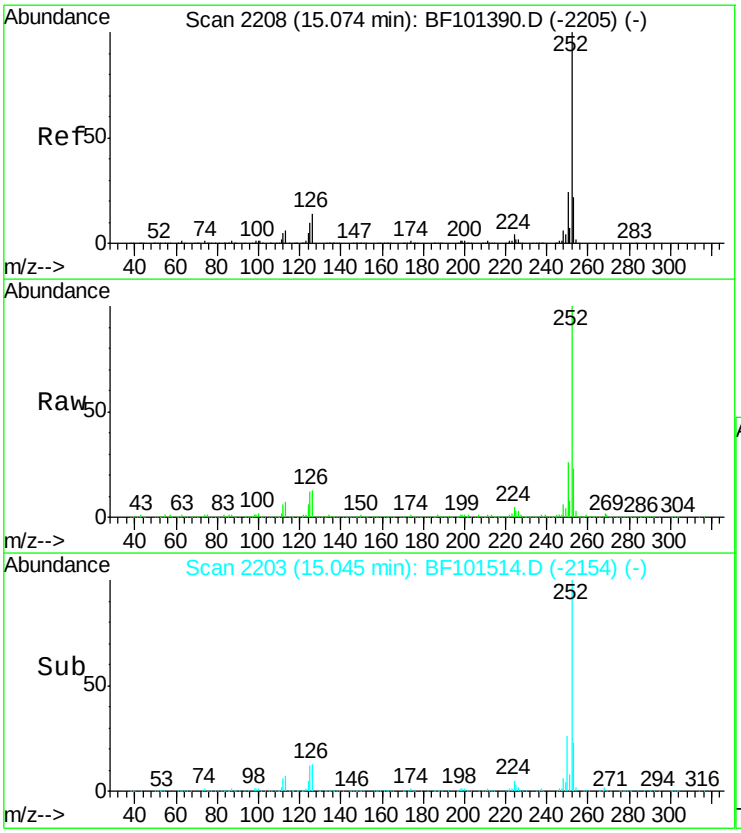
#87
Benzo(b)fluoranthene
Concen: 79.522 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.02 min
Lab File: BF101514.D
Acq: 19 Dec 2017 9:09

Instrument :
BNA_F
ClientSampleId :
SB-7(13-15)DL

Tgt Ion:252 Resp: 1433699

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	12.1	9.0	13.6

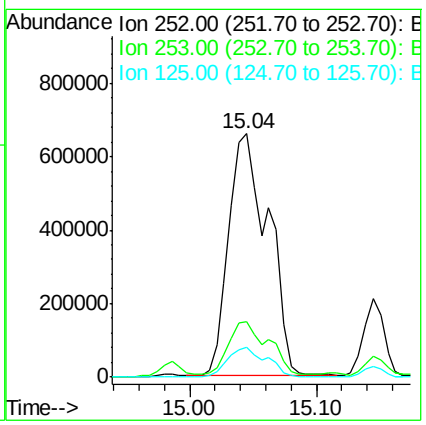


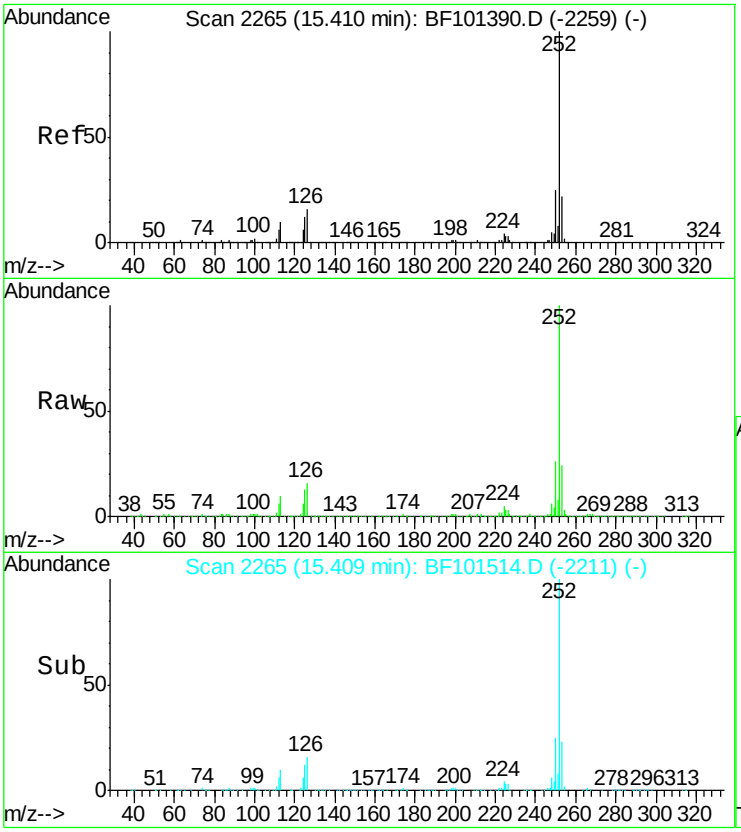


#88
Benzo(k)fluoranthene
Concen: 81.790 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF101514.D
Acq: 19 Dec 2017 9:09

Tgt Ion:252 Resp: 1433699

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	12.1	10.2	15.2



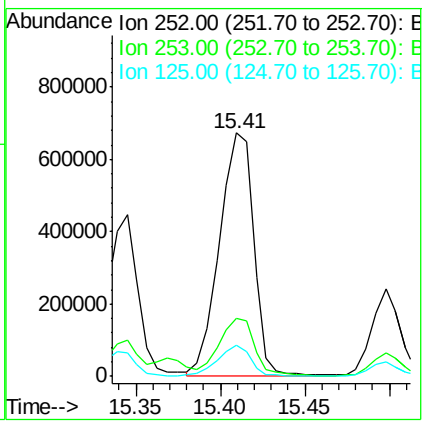


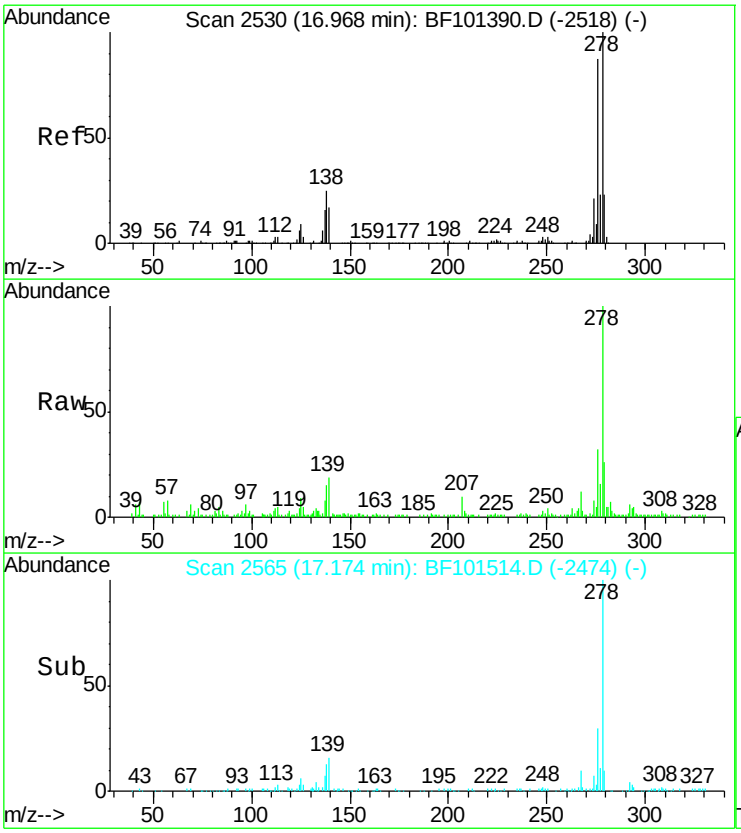
#89
Benzo(a)pyrene
Concen: 56.780 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.02 min
Lab File: BF101514.D
Acq: 19 Dec 2017 9:09

Instrument :
BNA_F
ClientSampleId :
SB-7(13-15)DL

Tgt Ion:252 Resp: 943688

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	12.6	9.8	14.6

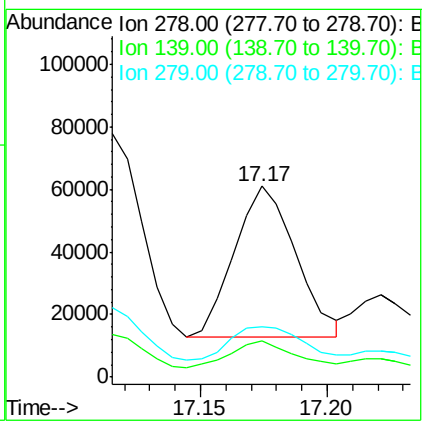


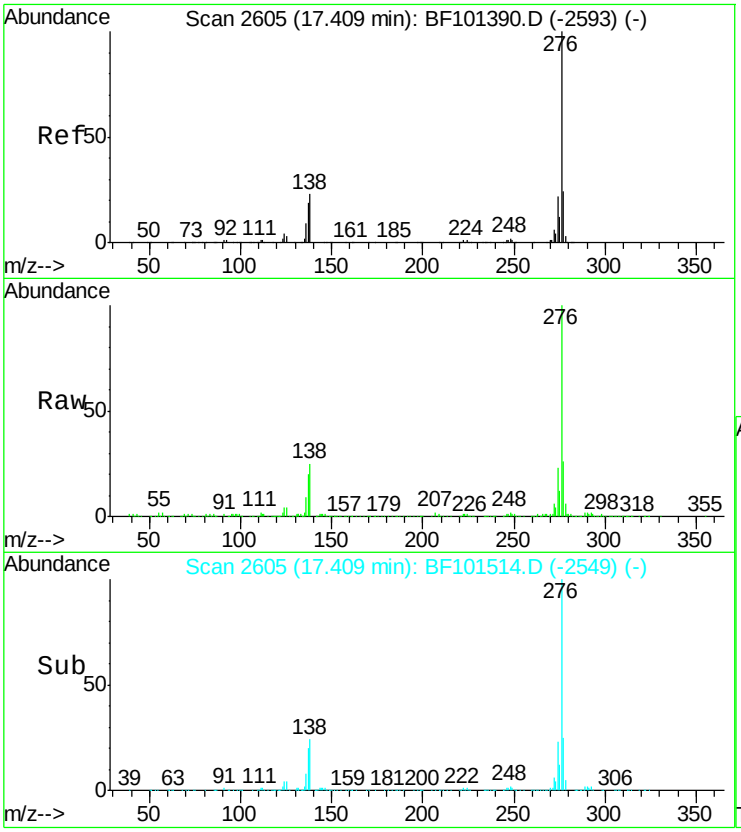


#90
Dibenzo(a,h)anthracene
Concen: 5.740 ng
RT: 17.17 min Scan# 2565
Delta R.T. 0.24 min
Lab File: BF101514.D
Acq: 19 Dec 2017 9:09

Tgt Ion:278 Resp: 81911

Ion	Ratio	Lower	Upper
278	100		
139	18.7	15.9	23.9
279	26.5	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 38.939 ng
RT: 17.41 min Scan# 2605
Delta R.T. 0.03 min
Lab File: BF101514.D
Acq: 19 Dec 2017 9:09

Instrument :
BNA_F
ClientSampleId :
SB-7(13-15)DL

Tgt Ion:276 Resp: 550212

Ion	Ratio	Lower	Upper
276	100		
277	26.4	17.9	26.9
138	24.8	21.8	32.8