Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120117\
Data File : BF101073.D
Acq On : 1 Dec 2017 19:45
Operator : SJ/JU
Sample : I6622-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DBWW1A-2-4

Quant Time: Dec 01 21:53:03 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 15:52:19 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	55417	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	213644	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	89694	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	137670	20.00	ng		0.00
75) Chrysene-d12	14.02	240	128169	20.00	ng		0.00
86) Perylene-d12	15.49	264	110189	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	327132	97.55	ng		0.01
7) Phenol-d6	6.50	99	398487	97.87	ng		0.02
23) Nitrobenzene-d5	7.42	82	232050	64.79	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	71973	66.80	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	391270	59.68	ng		0.00
78) Terphenyl-d14	12.96	244	274985	46.93	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.51	94	13757	3.039	ng		79
19) n-Nitroso-di-n-propylamine	7.42	70	30987	11.300	ng	#	79
25) Isophorone	7.42	82	232045	37.931	ng	#	64
31) Naphthalene	8.15	128	52687	5.004	ng		99
37) 2-Methylnaphthalene	8.84	142	16894	2.361	ng		97
49) Dimethylphthalate	9.59	163	30731	4.248	ng		100
50) 2,6-Dinitrotoluene	9.89	165	12609	8.276	ng	#	25
51) Acenaphthene	9.92	154	28207	4.912	ng		99
53) 2,4-Dinitrophenol	10.18	184	385	5.289	ng	#	1
54) Dibenzofuran	10.09	168	26153	3.160	ng		97
55) 4-Nitrophenol	10.09	139	9770	8.455	ng	#	10
56) 2,4-Dinitrotoluene	9.89	165	12609	6.175	ng	#	23
57) Fluorene	10.43	166	31583	4.694	ng		98
66) 4-Bromophenyl-phenylether	10.67	248	4860	3.154	ng	#	1
70) Phenanthrene	11.40	178	253702	33.464	ng		97
71) Anthracene	11.45	178	67164	8.753	ng		97
72) Carbazole	11.60	167	34309	4.894	ng		98
74) Fluoranthene	12.59	202	284475	33.850	ng		93
77) Pyrene	12.82	202	237413	26.844	ng		98
80) Benzo(a)anthracene	14.01	228	151970	18.779	ng		97
82) Chrysene	14.04	228	133624	17.780	ng		96
85) Indeno(1,2,3-cd)pyrene	16.97	276	49488	7.407	ng	#	92
87) Benzo(b)fluoranthene	15.06	252	216312	32.774	ng		99
88) Benzo(k)fluoranthene	15.06	252	216312	33.266	ng		98
89) Benzo(a)pyrene	15.43	252	106674	17.778	ng		96
90) Dibenzo(a,h)anthracene	16.97	278	13404	2.534	ng		94
91) Benzo(g,h,i)perylene	17.42	276	44566	8.940	ng	#	89

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120117\
Data File : BF101073.D
Acq On : 1 Dec 2017 19:45
Operator : SJ/JU
Sample : I6622-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DBWW1A-2-4

Quant Time: Dec 01 21:53:03 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 15:52:19 2017
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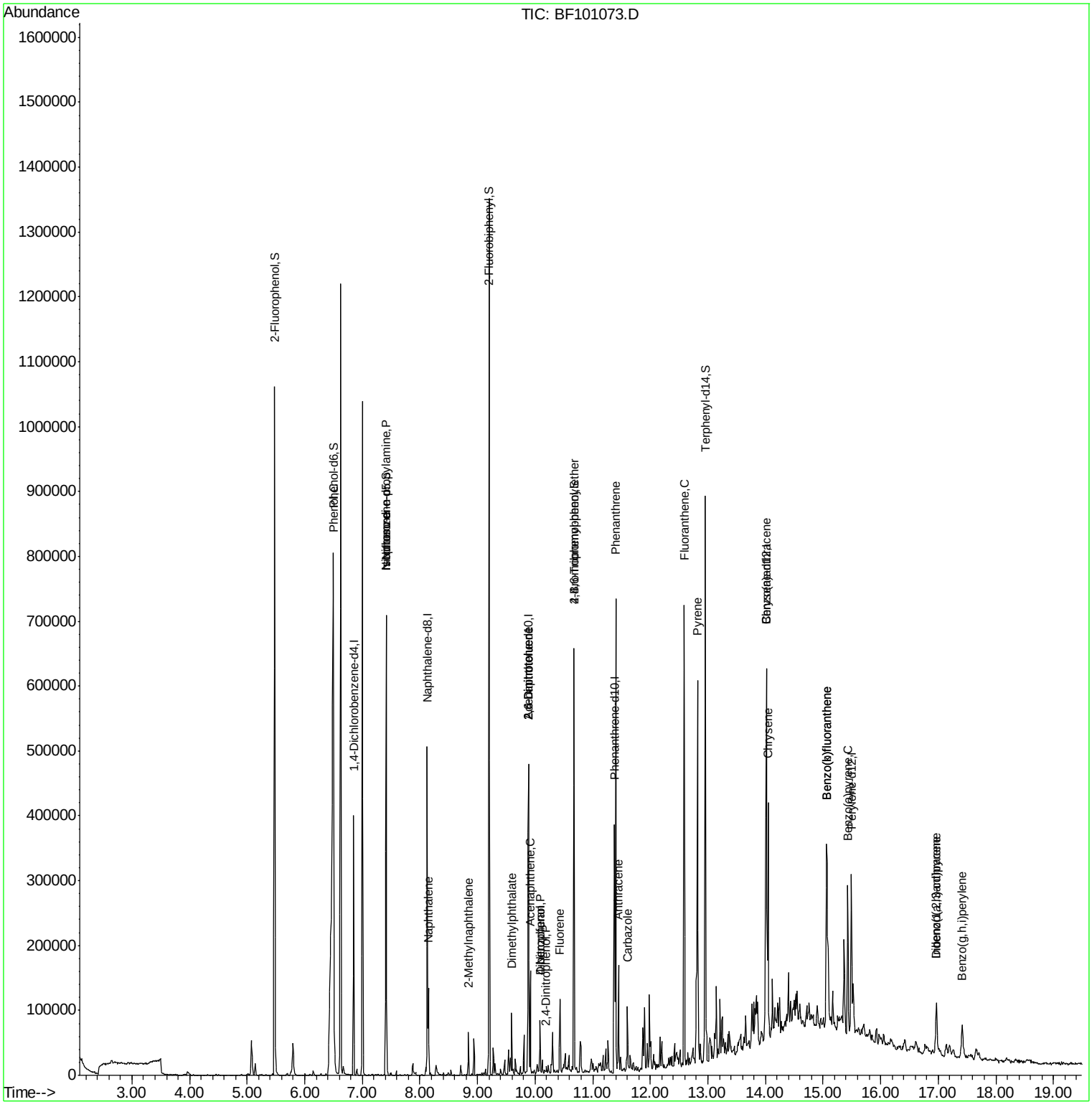
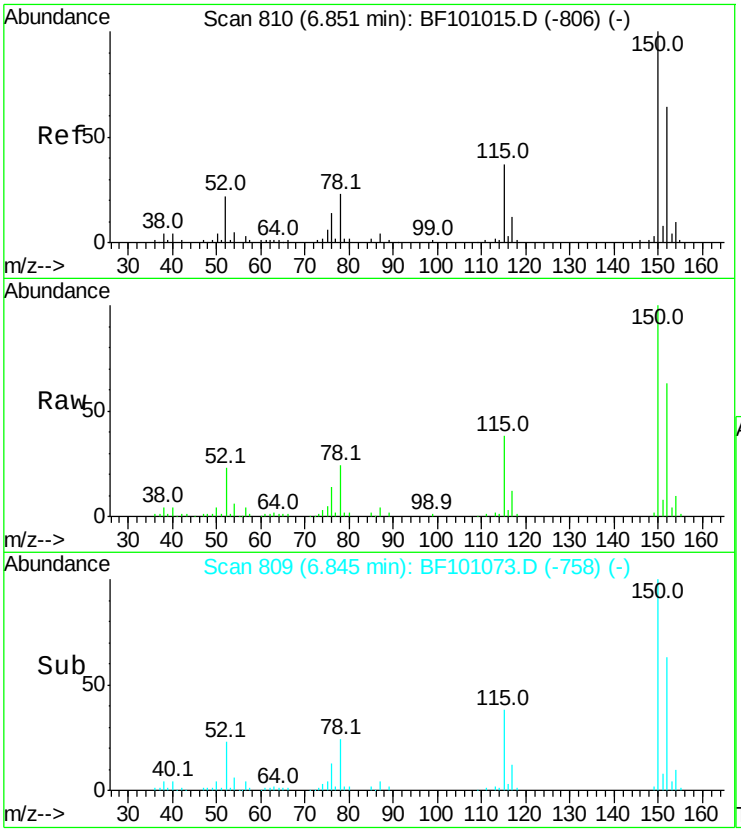


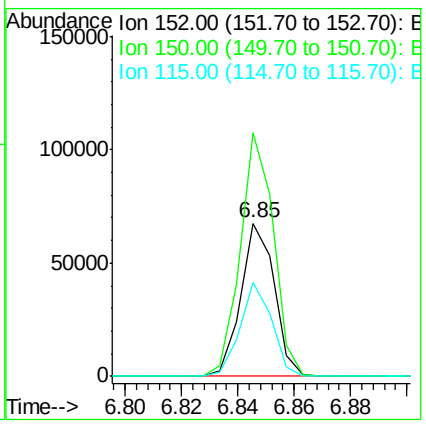


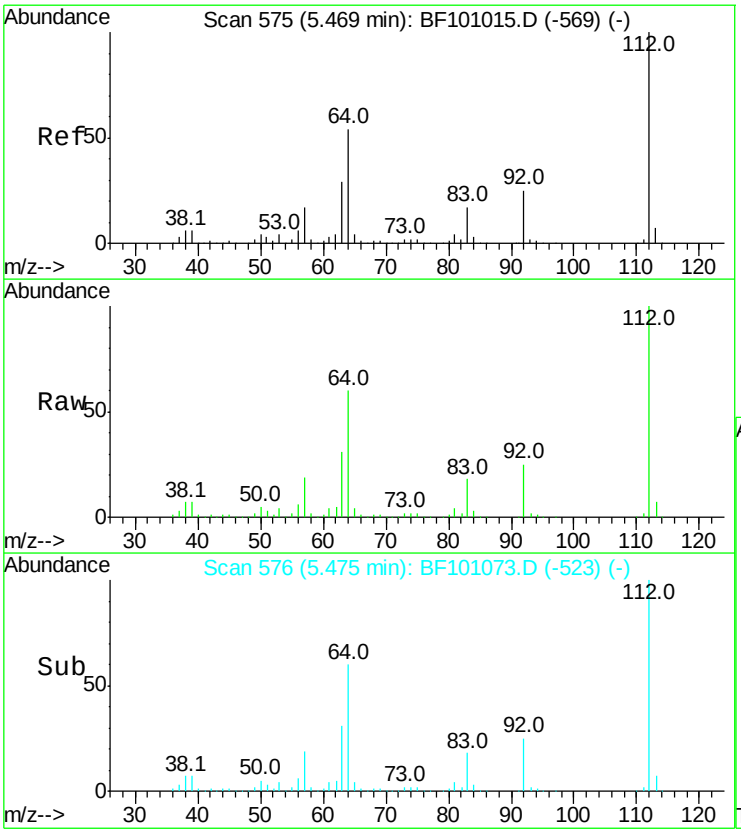
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

Instrument :
BNA_F
ClientSampleId :
DBWW1A-2-4

Tgt Ion:152 Resp: 55417

Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.6	186.8
115	61.0	50.1	75.1

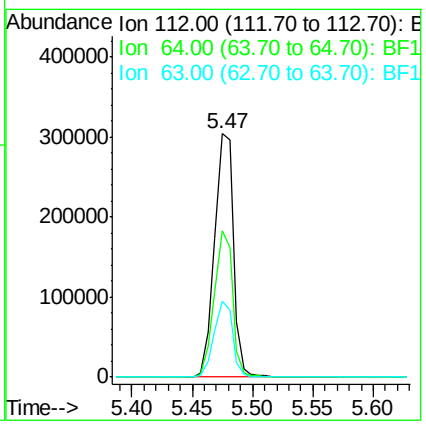


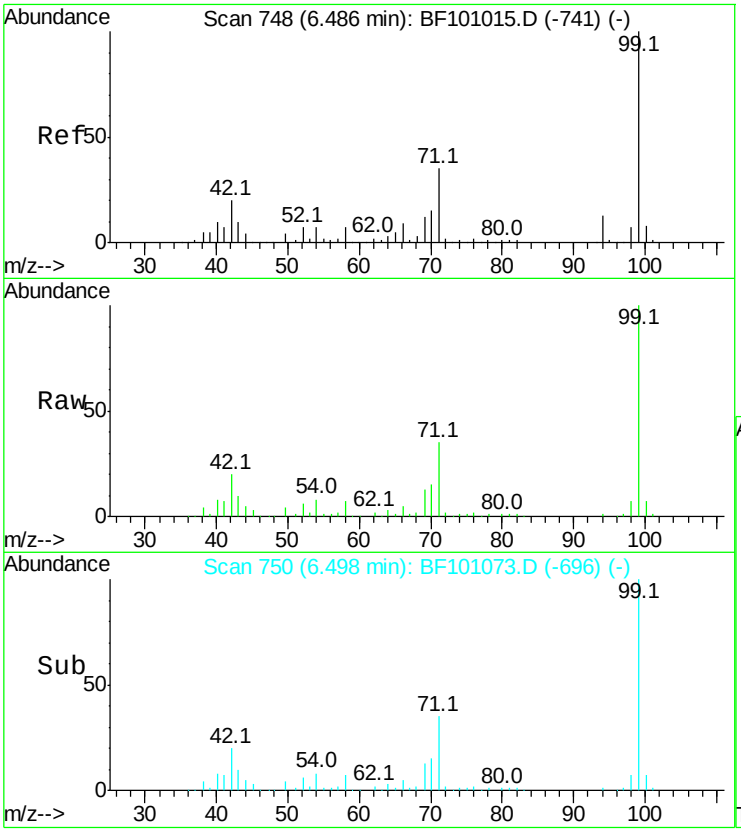


#5
2-Fluorophenol
Concen: 97.545 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

Tgt Ion:112 Resp: 327132

Ion	Ratio	Lower	Upper
112	100		
64	60.4	47.9	71.9
63	31.4	23.7	35.5



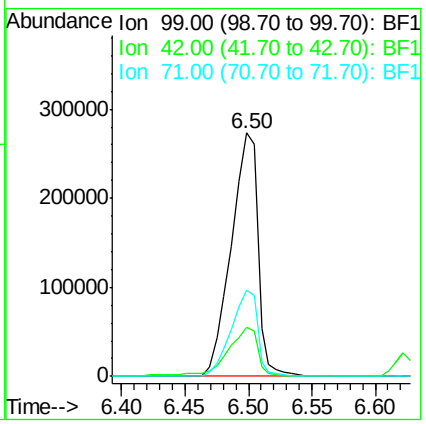


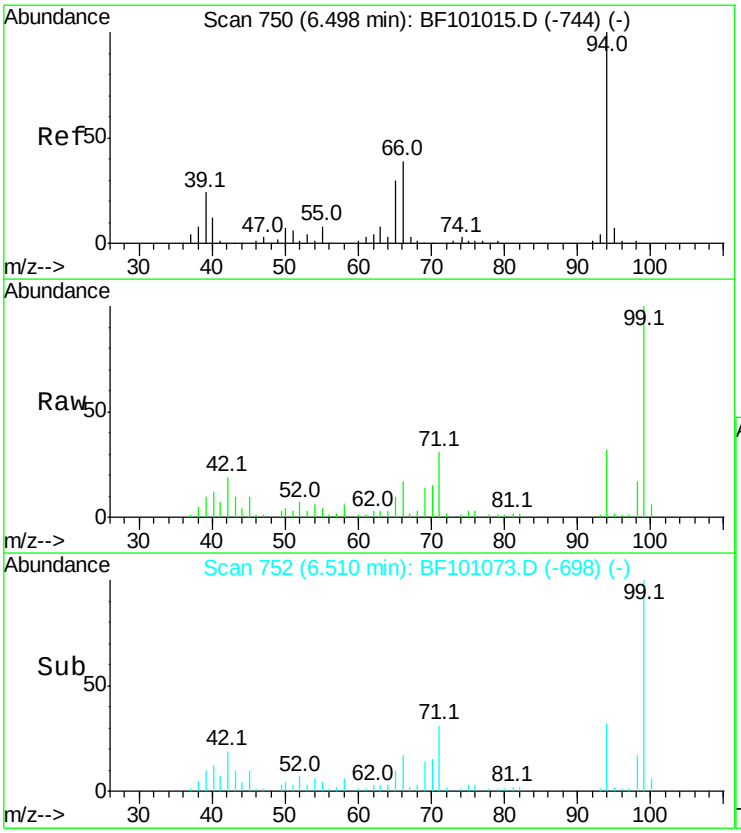
#7
Phenol-d6
Concen: 97.869 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.02 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

Instrument :
BNA_F
ClientSampleId :
DBWW1A-2-4

Tgt Ion: 99 Resp: 398487

Ion	Ratio	Lower	Upper
99	100		
42	20.1	14.5	21.7
71	35.5	25.4	38.0

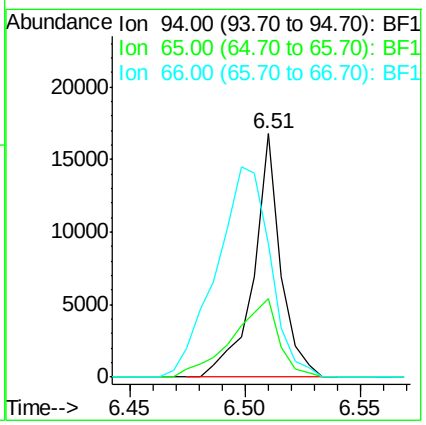


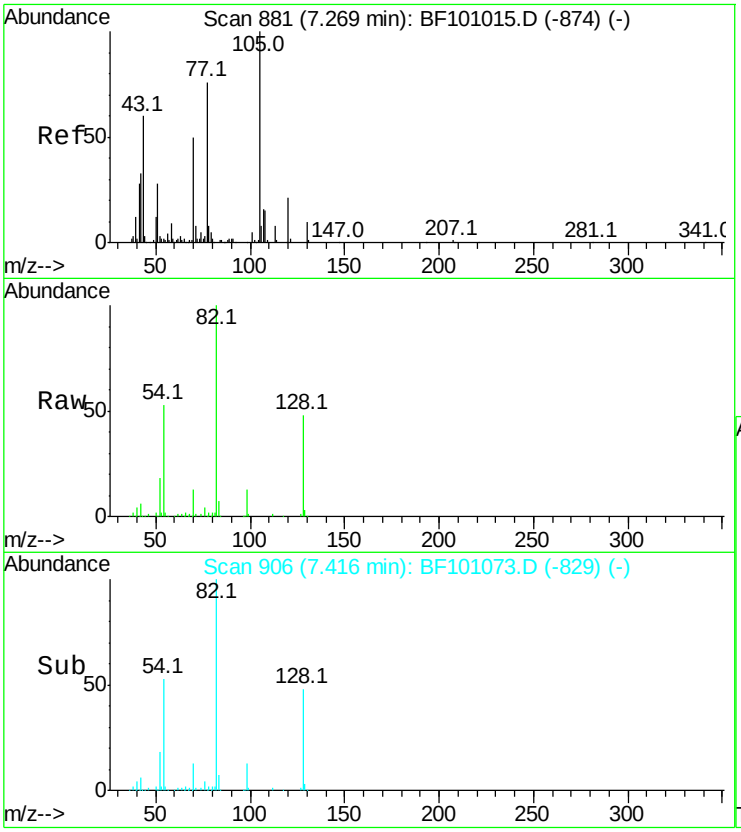


#10
Phenol
Concen: 3.039 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.02 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

Tgt Ion: 94 Resp: 13757

Ion	Ratio	Lower	Upper
94	100		
65	32.1	7.9	47.9
66	55.0	16.2	56.2



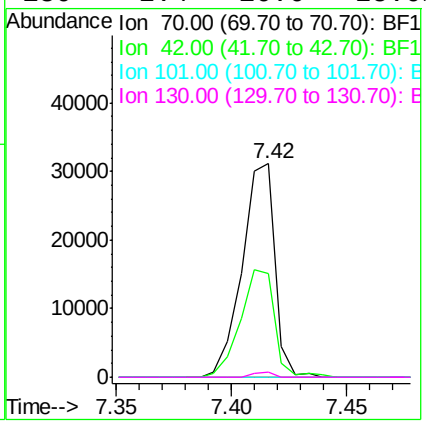


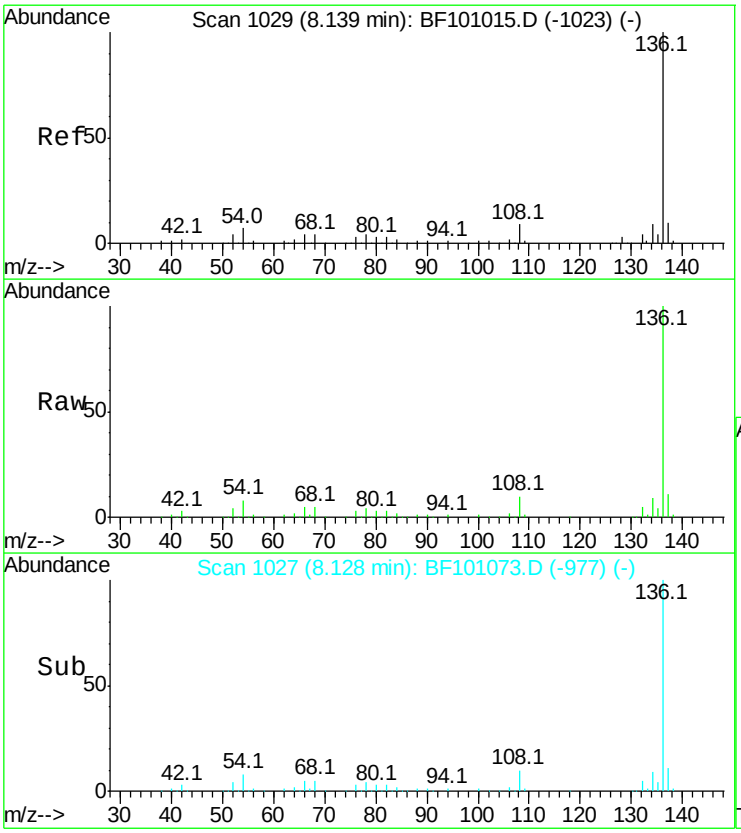
#19
n-Nitroso-di-n-propylamine
Concen: 11.300 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

Instrument :
BNA_F
ClientSampleId :
DBWW1A-2-4

Tgt Ion: 70 Resp: 30987

Ion	Ratio	Lower	Upper
70	100		
42	48.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#

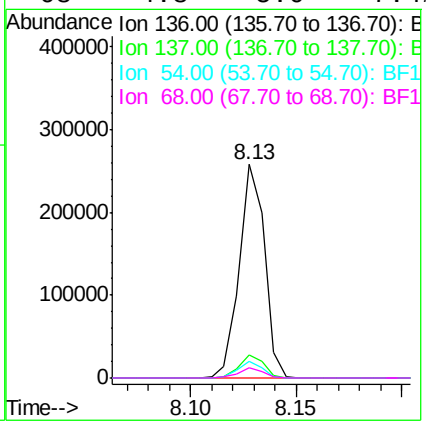


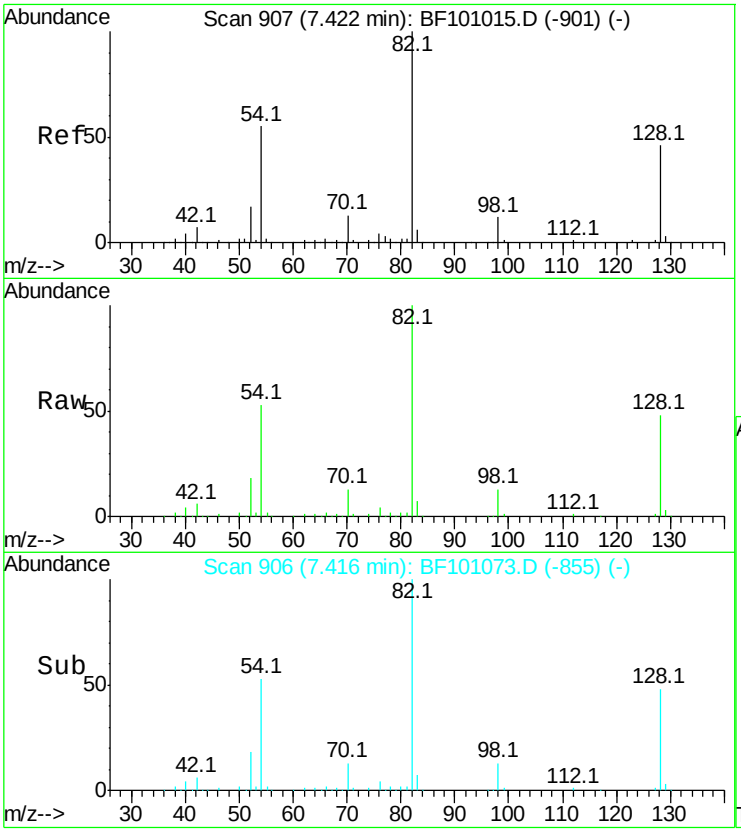


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

Tgt Ion:136 Resp: 213644

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.8	6.6	9.8
68	4.8	5.0	7.4#



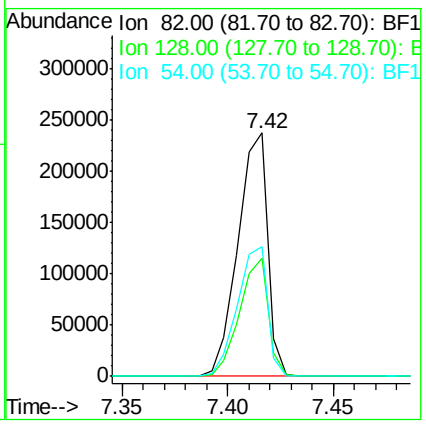


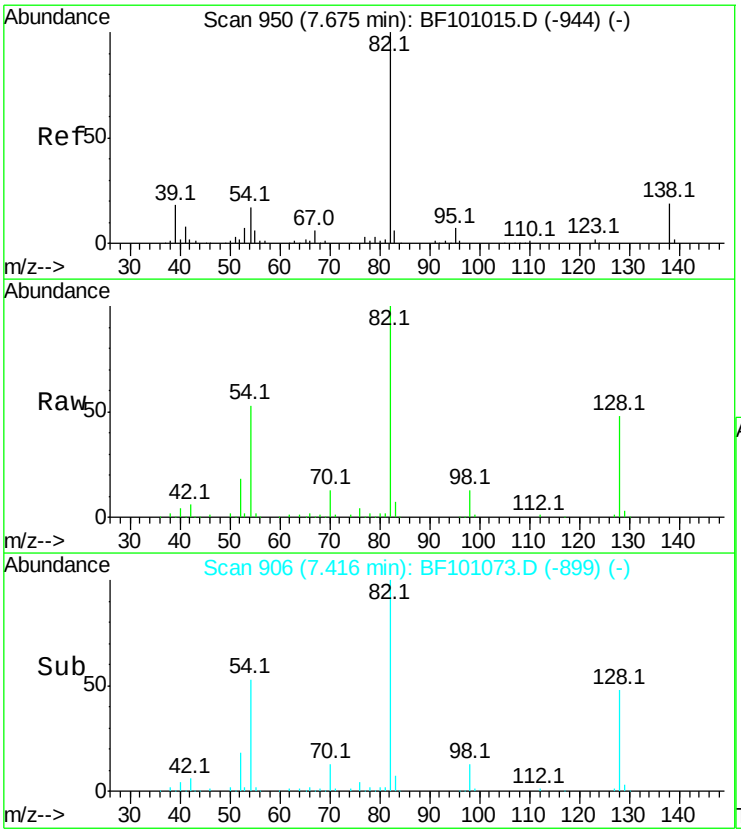
#23
Nitrobenzene-d5
Concen: 64.792 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

Instrument :
BNA_F
ClientSampleId :
DBWW1A-2-4

Tgt Ion: 82 Resp: 232050

Ion	Ratio	Lower	Upper
82	100		
128	48.4	36.1	54.1
54	53.4	41.4	62.2

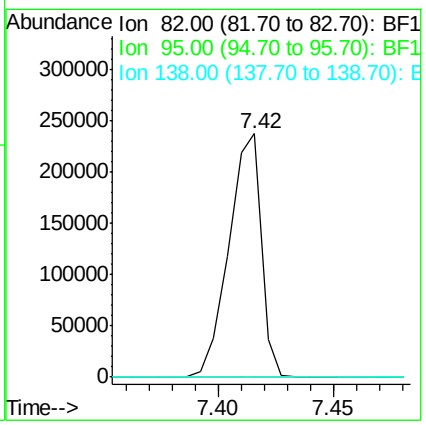


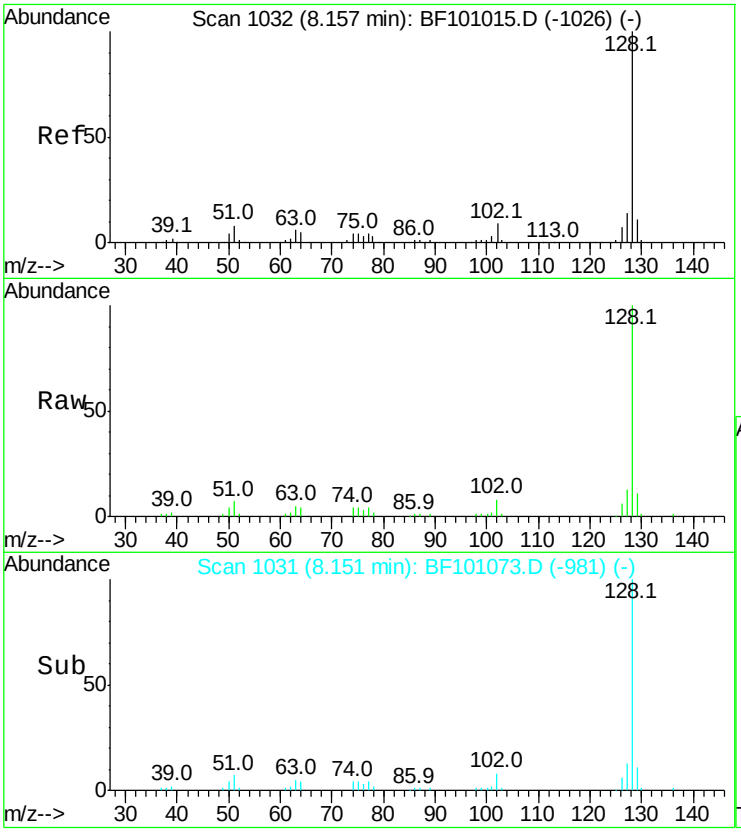


#25
Isophorone
Concen: 37.931 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

Tgt Ion: 82 Resp: 232045

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



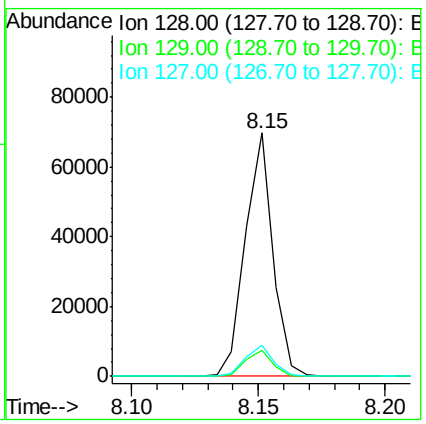


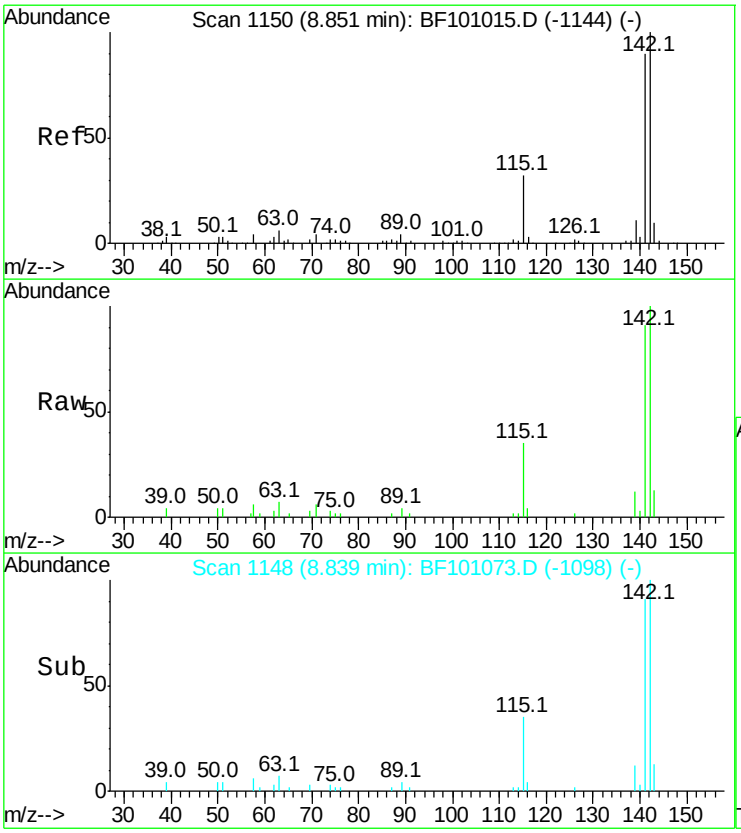
#31
Naphthalene
Concen: 5.004 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

Instrument : BNA_F
ClientSampleId : DBWW1A-2-4

Tgt Ion:128 Resp: 52687

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	12.8	10.9	16.3

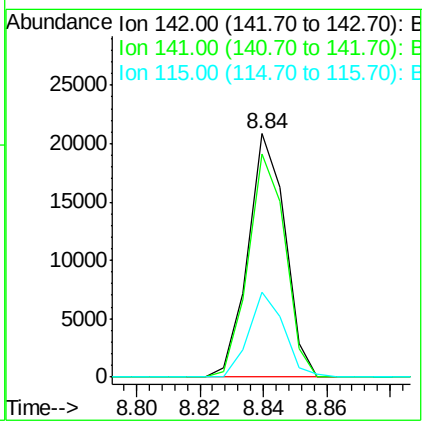


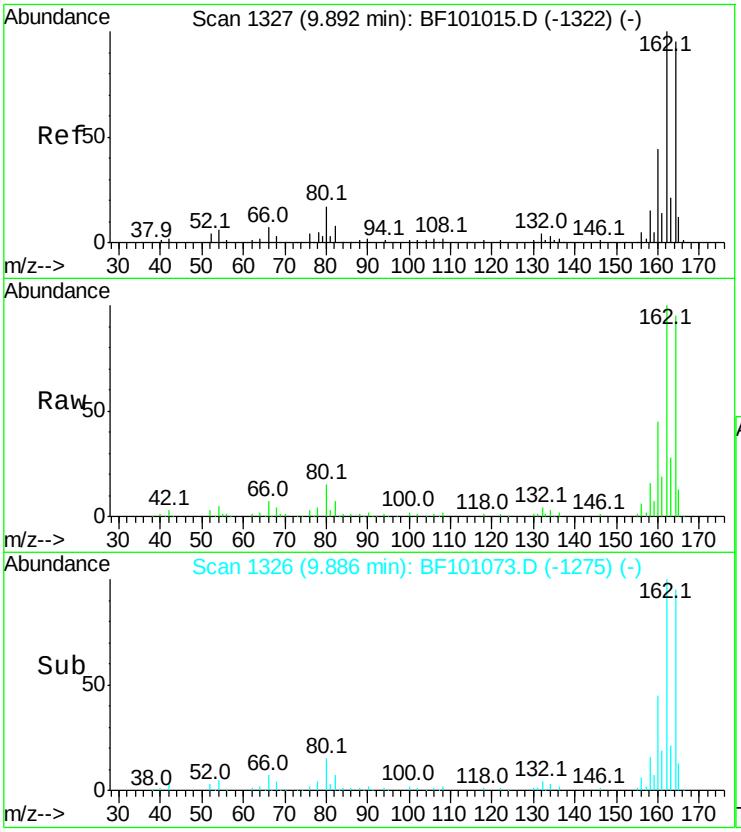


#37
2-Methylnaphthalene
Concen: 2.361 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

Tgt Ion:142 Resp: 16894

Ion	Ratio	Lower	Upper
142	100		
141	91.4	70.8	106.2
115	35.1	26.1	39.1



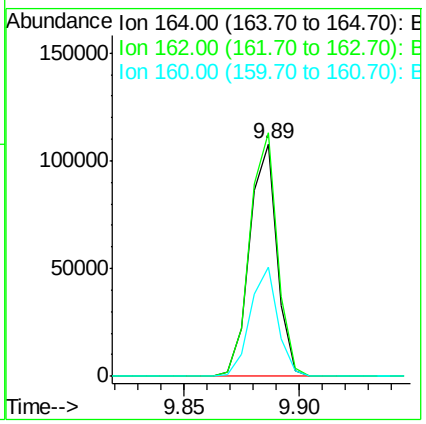


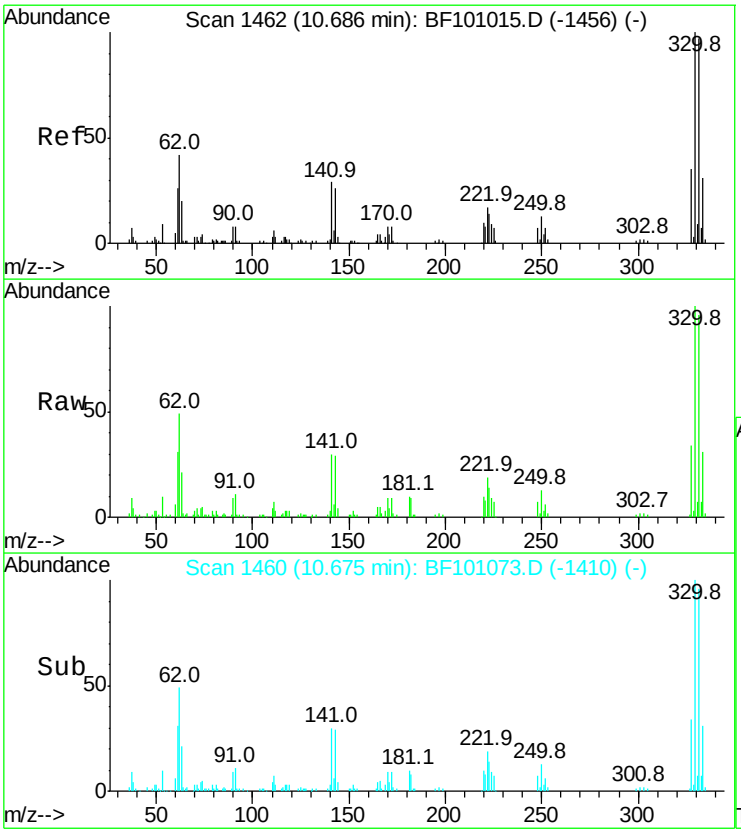
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

Instrument :
BNA_F
ClientSampleId :
DBWW1A-2-4

Tgt Ion:164 Resp: 89694

Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	47.2	38.3	57.5

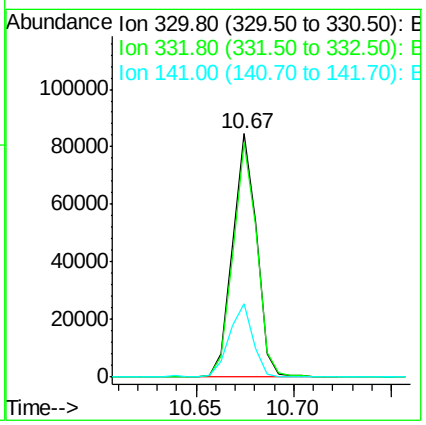


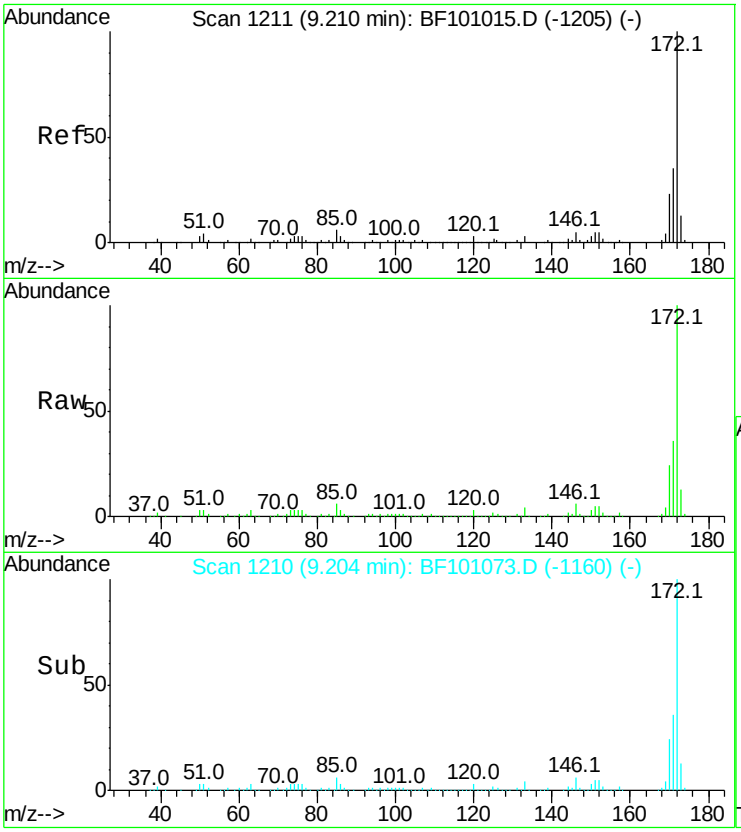


#41
2,4,6-Tribromophenol
Concen: 66.798 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

Tgt Ion:330 Resp: 71973

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	29.9	29.9	44.9#



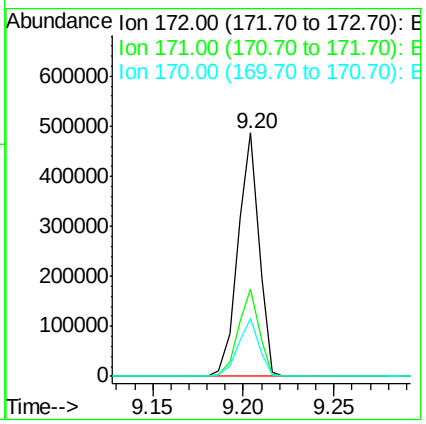


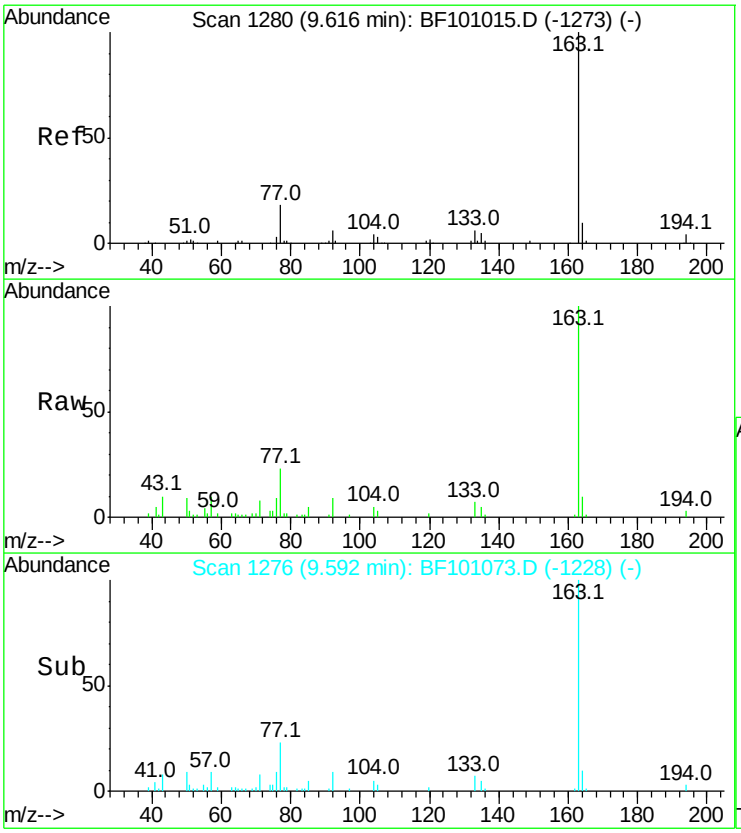
#44
2-Fluorobiphenyl
Concen: 59.685 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

Instrument : BNA_F
ClientSampleId : DBWW1A-2-4

Tgt Ion:172 Resp: 391270

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.9	19.6	29.4

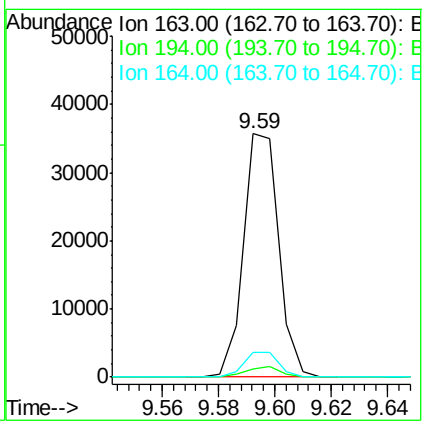


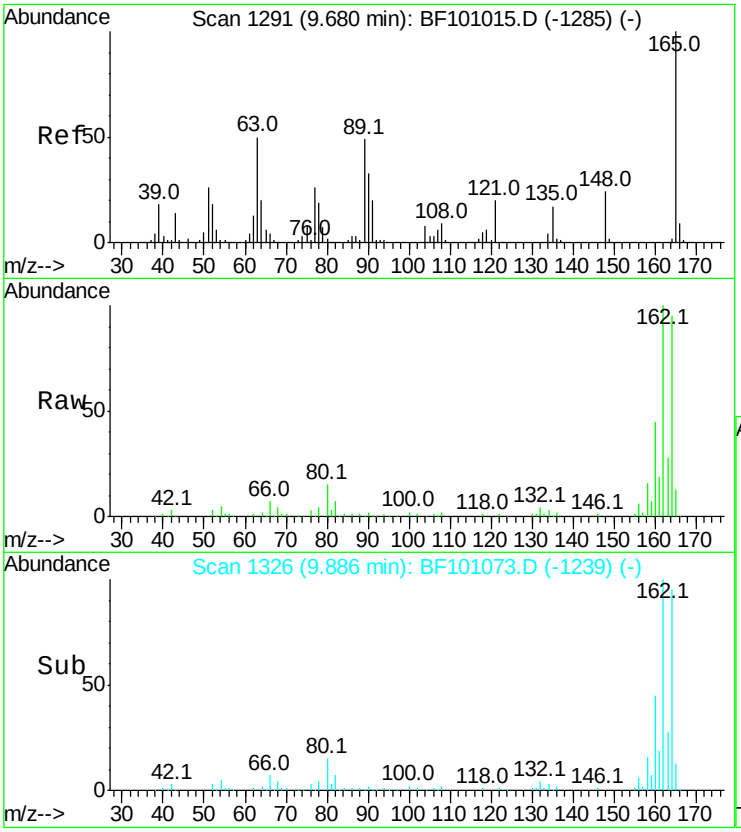


#49
Dimethylphthalate
Concen: 4.248 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

Tgt Ion:163 Resp: 30731

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.3	8.2	12.2



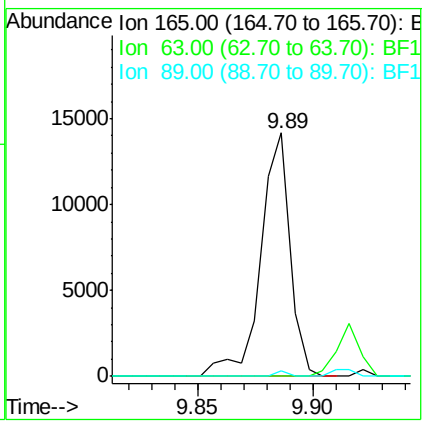


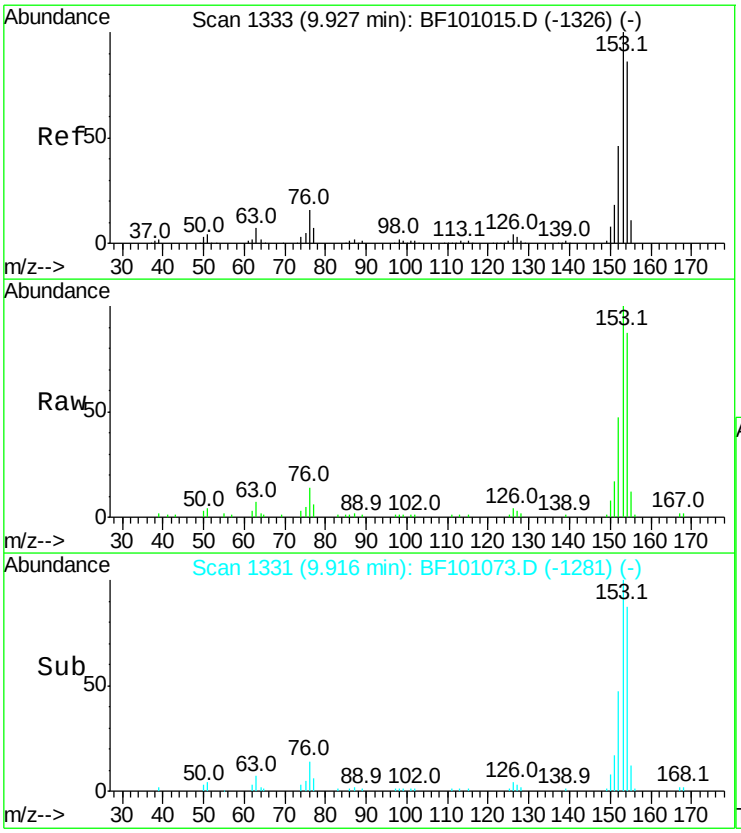
#50
2,6-Dinitrotoluene
Concen: 8.276 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.21 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

Instrument :
BNA_F
ClientSampleId :
DBWW1A-2-4

Tgt Ion:165 Resp: 12609

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	2.1	44.0	66.0#

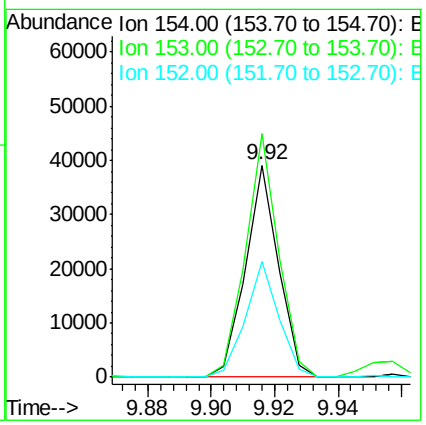


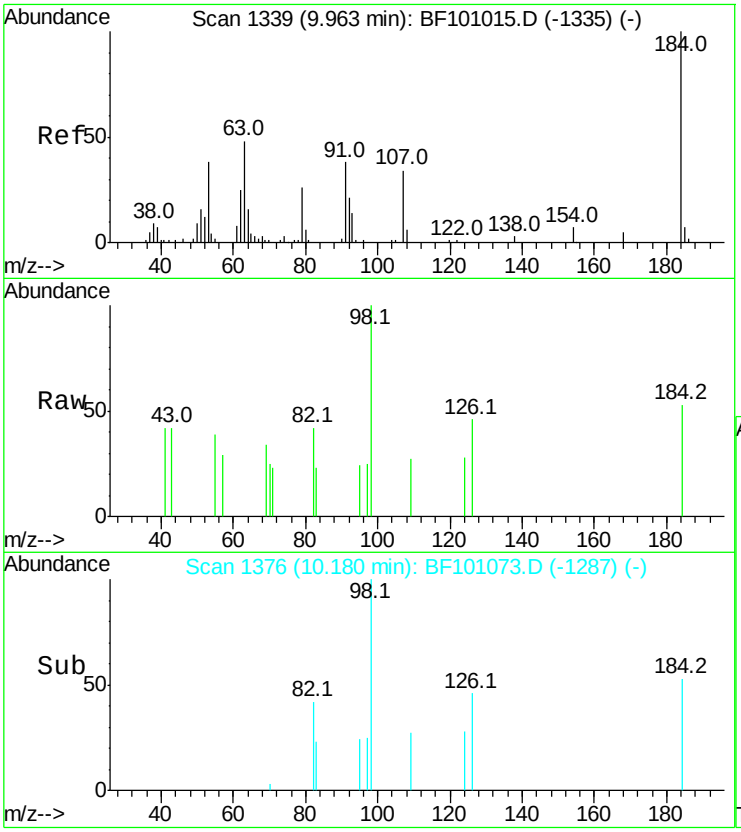


#51
Acenaphthene
Concen: 4.912 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

Tgt Ion:154 Resp: 28207

Ion	Ratio	Lower	Upper
154	100		
153	114.8	91.2	136.8
152	54.3	43.8	65.8



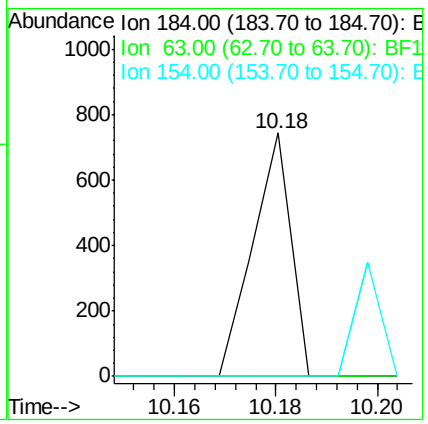


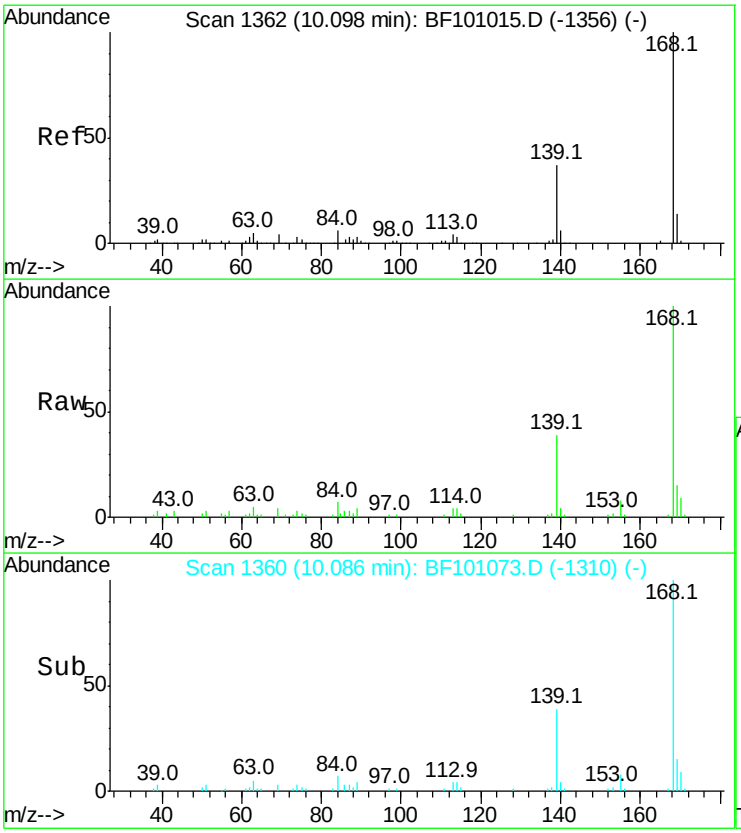
#53
2,4-Dinitrophenol
Concen: 5.289 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.22 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

Instrument :
BNA_F
ClientSampleId :
DBWW1A-2-4

Tgt Ion:184 Resp: 385

Ion	Ratio	Lower	Upper
184	100		
63	0.0	54.2	81.2#
154	0.0	184.0	276.0#

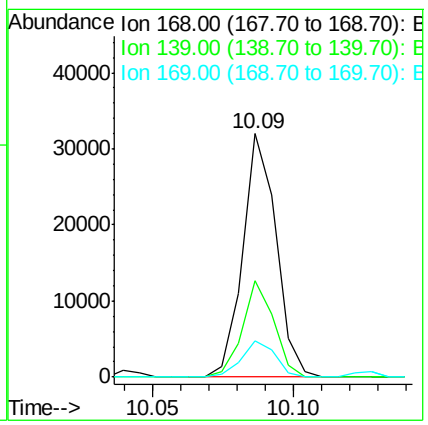


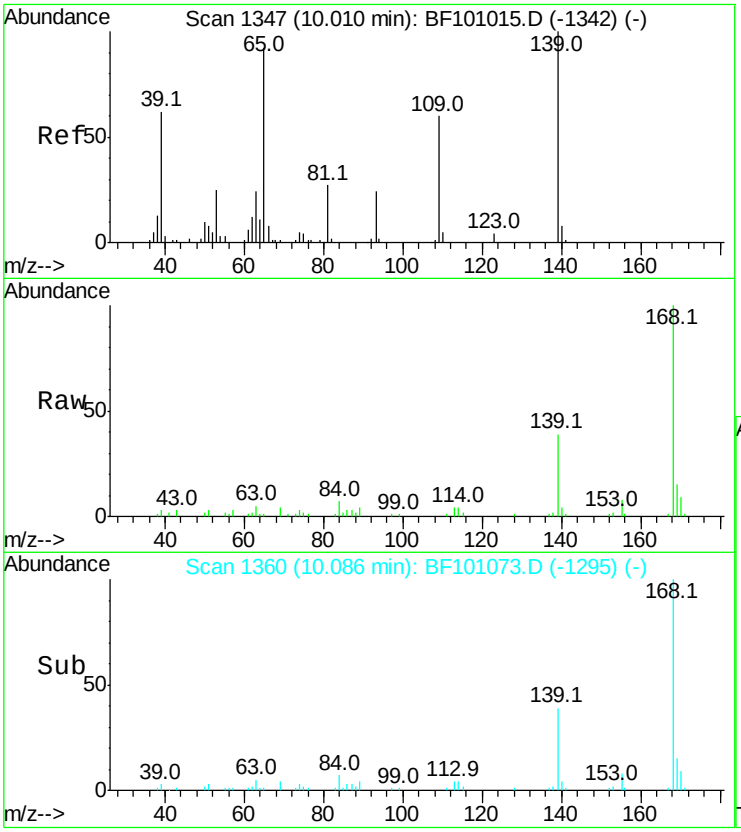


#54
Dibenzofuran
Concen: 3.160 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

Tgt Ion:168 Resp: 26153

Ion	Ratio	Lower	Upper
168	100		
139	39.4	30.1	45.1
169	14.9	10.9	16.3



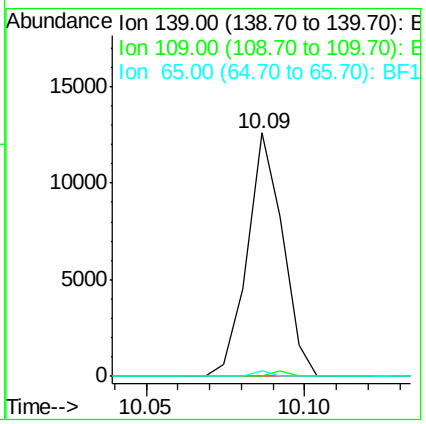


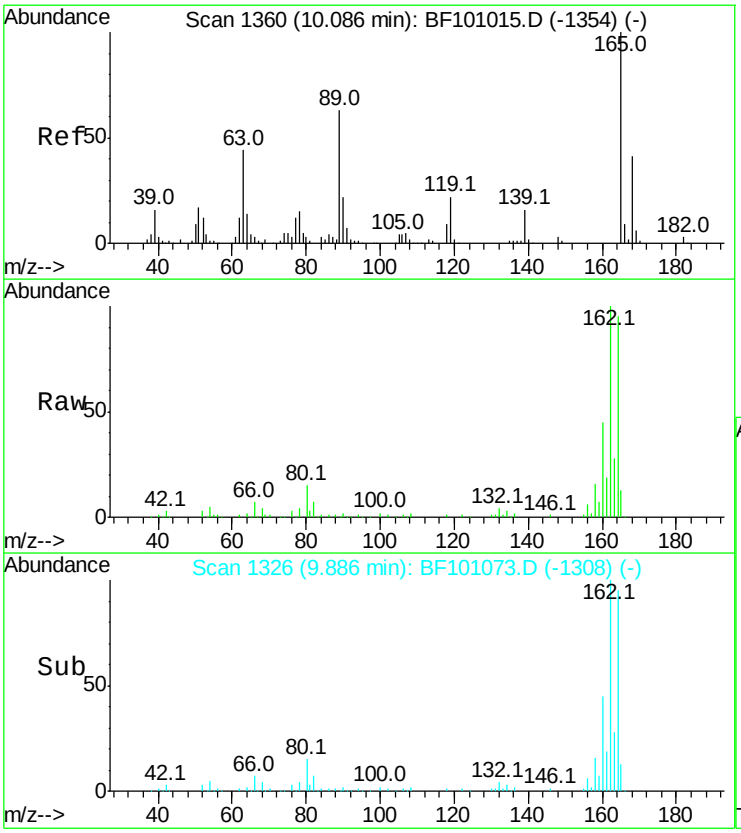
#55
4-Nitrophenol
Concen: 8.455 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.08 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

Instrument :
BNA_F
ClientSampleId :
DBWW1A-2-4

Tgt Ion:139 Resp: 9770

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

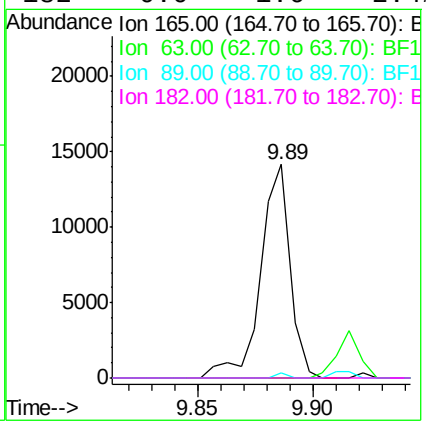


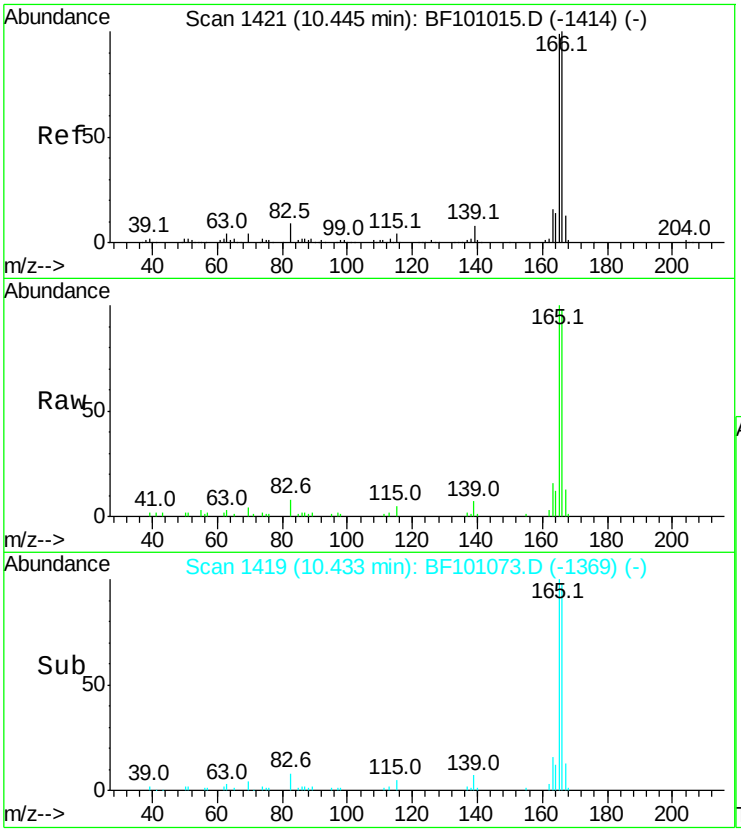


#56
2,4-Dinitrotoluene
Concen: 6.175 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.19 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

Tgt Ion:165 Resp: 12609

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	2.1	57.8	86.6#
182	0.0	1.6	2.4#



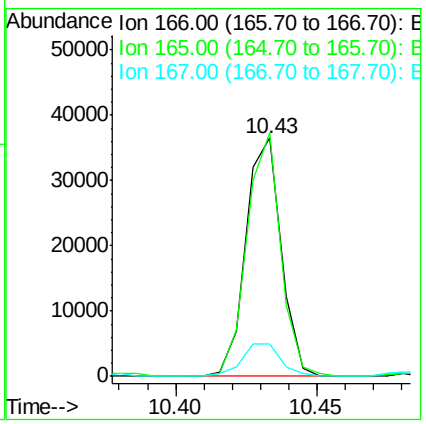


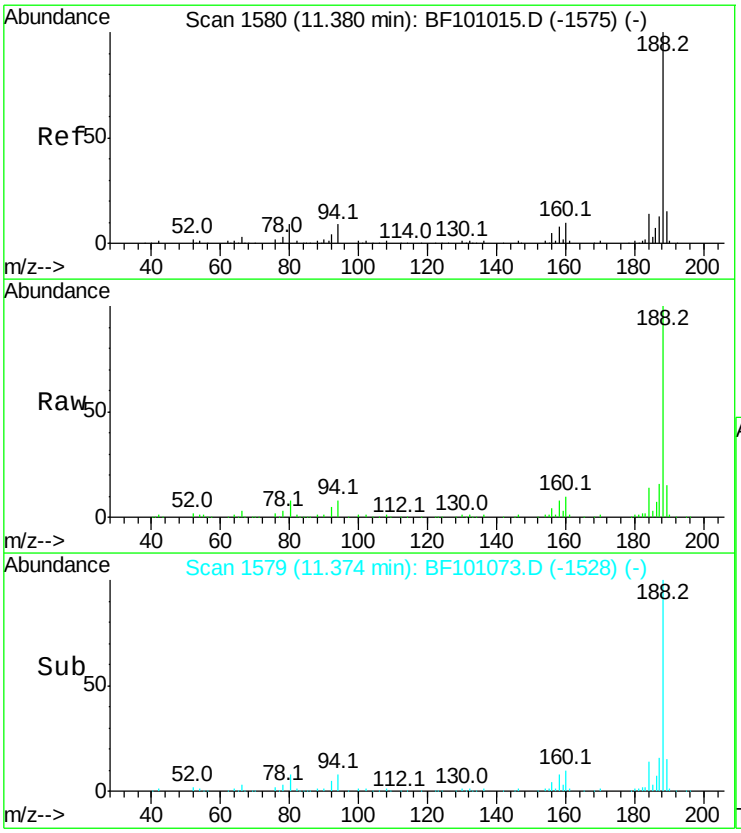
#57
Fluorene
Concen: 4.694 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

Instrument :
BNA_F
ClientSampleId :
DBWW1A-2-4

Tgt Ion:166 Resp: 31583

Ion	Ratio	Lower	Upper
166	100		
165	102.2	79.8	119.8
167	13.5	10.6	16.0

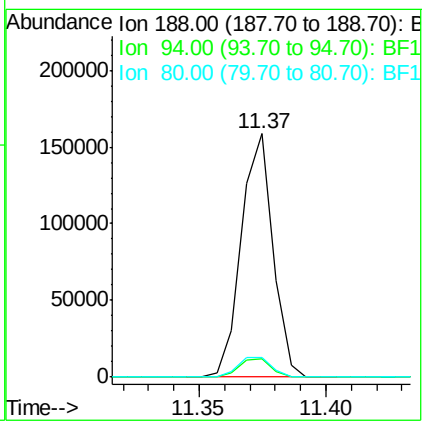


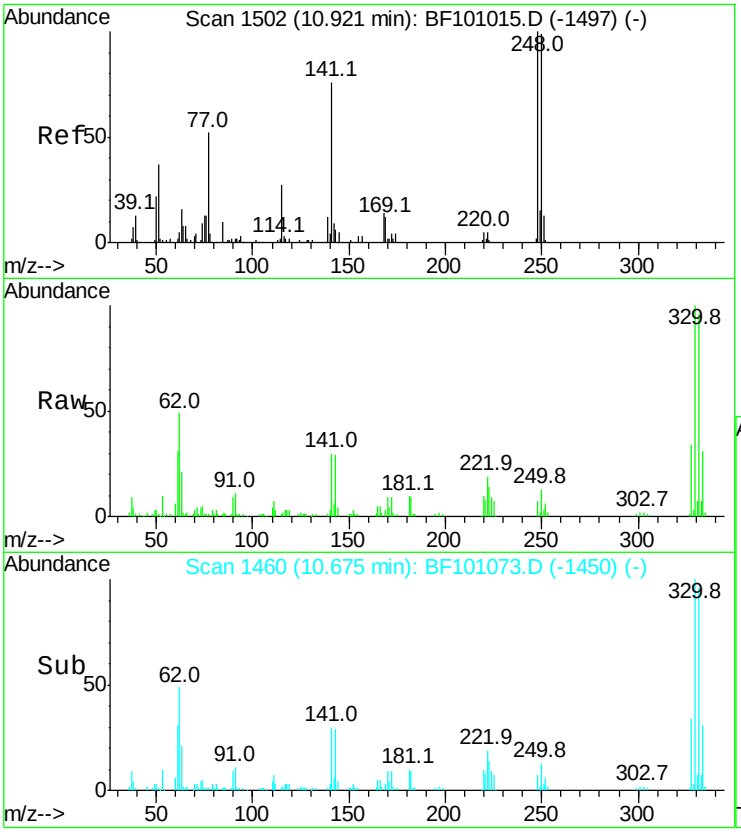


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

Tgt Ion:188 Resp: 137670

Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.5	12.7#
80	8.1	9.2	13.8#



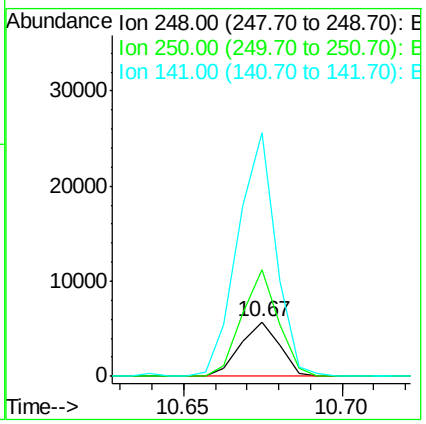


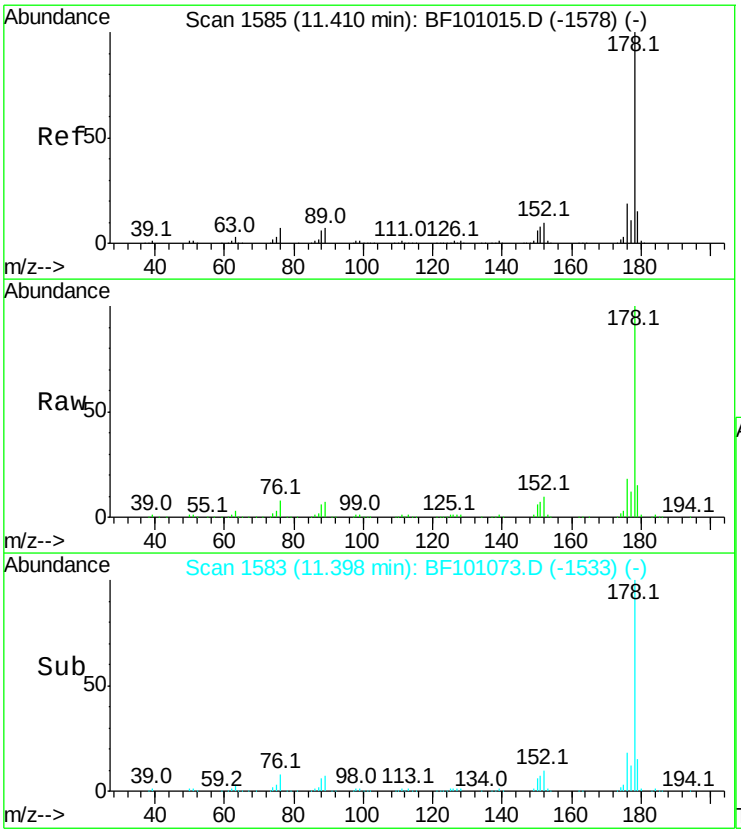
#66
4-Bromophenyl-phenylether
Concen: 3.154 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

Instrument :
BNA_F
ClientSampleId :
DBWW1A-2-4

Tgt Ion:248 Resp: 4860

Ion	Ratio	Lower	Upper
248	100		
250	196.1	76.9	115.3#
141	448.4	74.4	111.6#

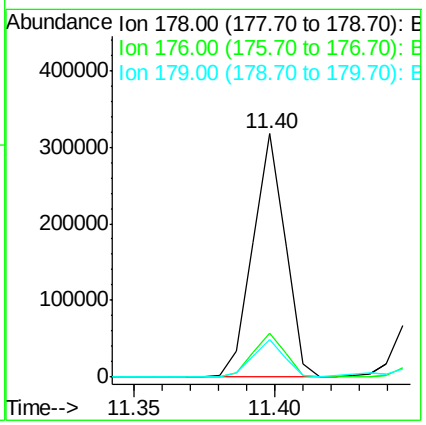


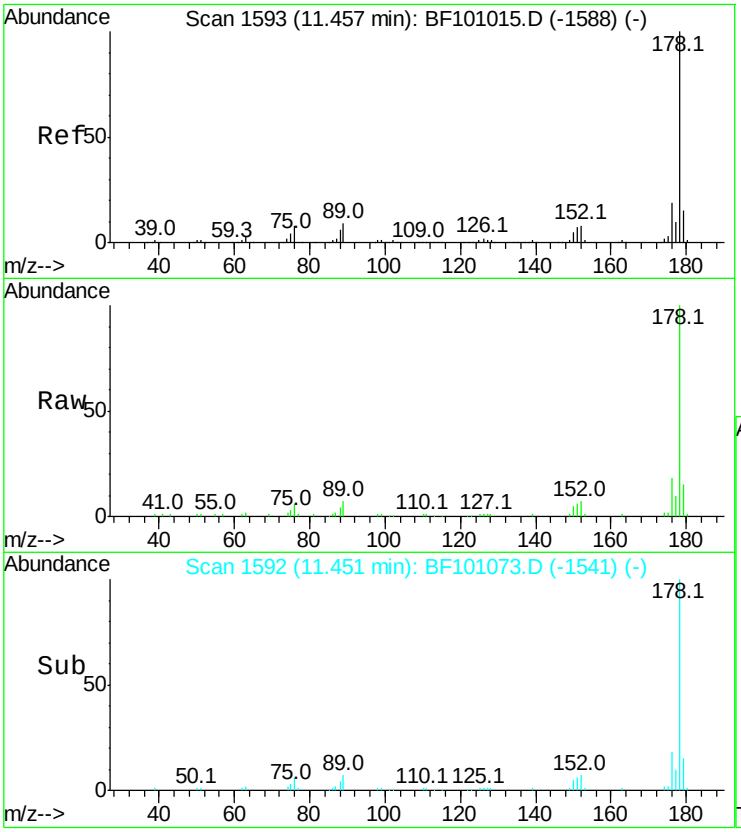


#70
Phenanthrene
Concen: 33.464 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

Tgt Ion:178 Resp: 253702

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.8
179	15.3	13.0	19.6



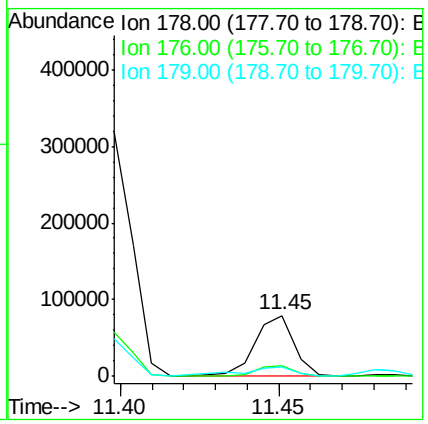


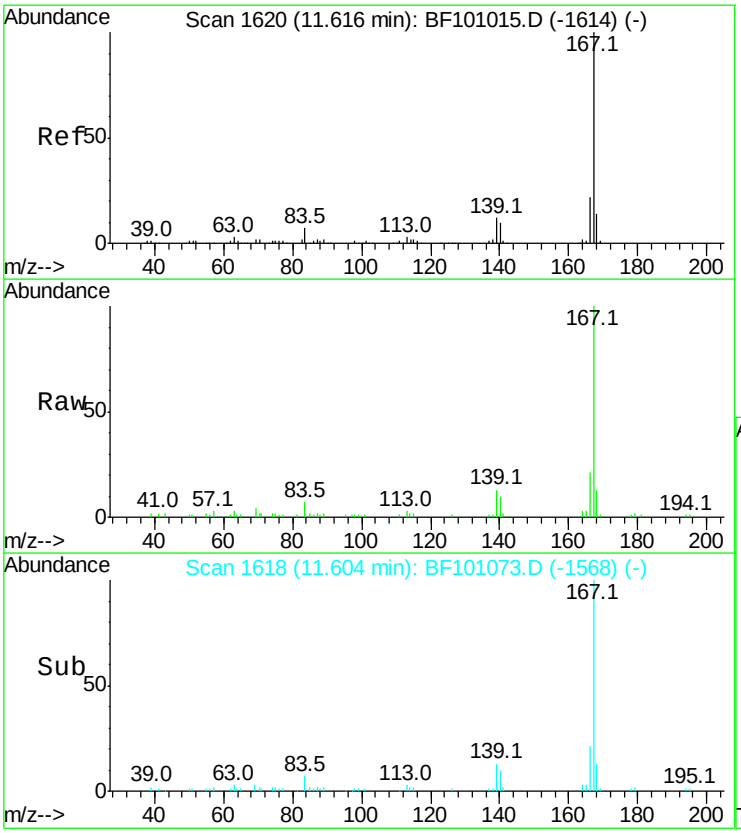
#71
Anthracene
Concen: 8.753 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

Instrument :
BNA_F
ClientSampleId :
DBWW1A-2-4

Tgt Ion:178 Resp: 67164

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.4	23.2
179	14.7	12.6	19.0

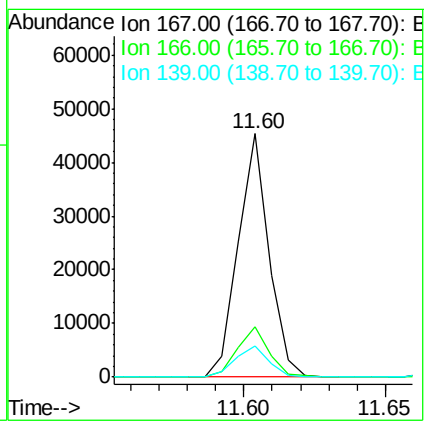


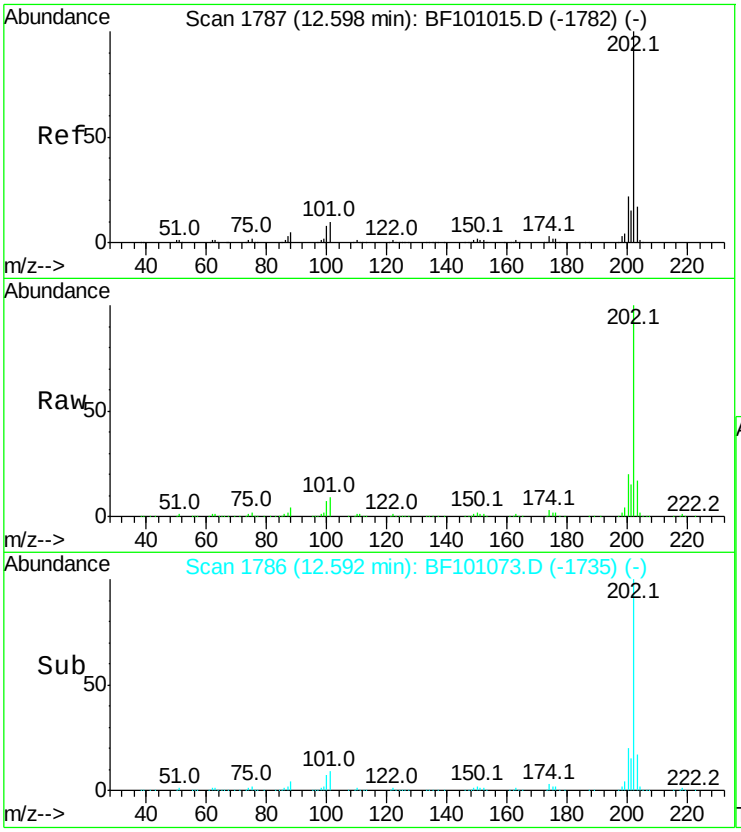


#72
Carbazole
Concen: 4.894 ng
RT: 11.60 min Scan# 1618
Delta R.T. -0.01 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

Tgt Ion:167 Resp: 34309

Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.6	26.4
139	12.6	10.9	16.3



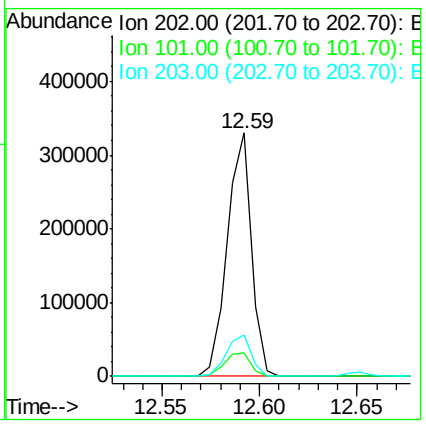


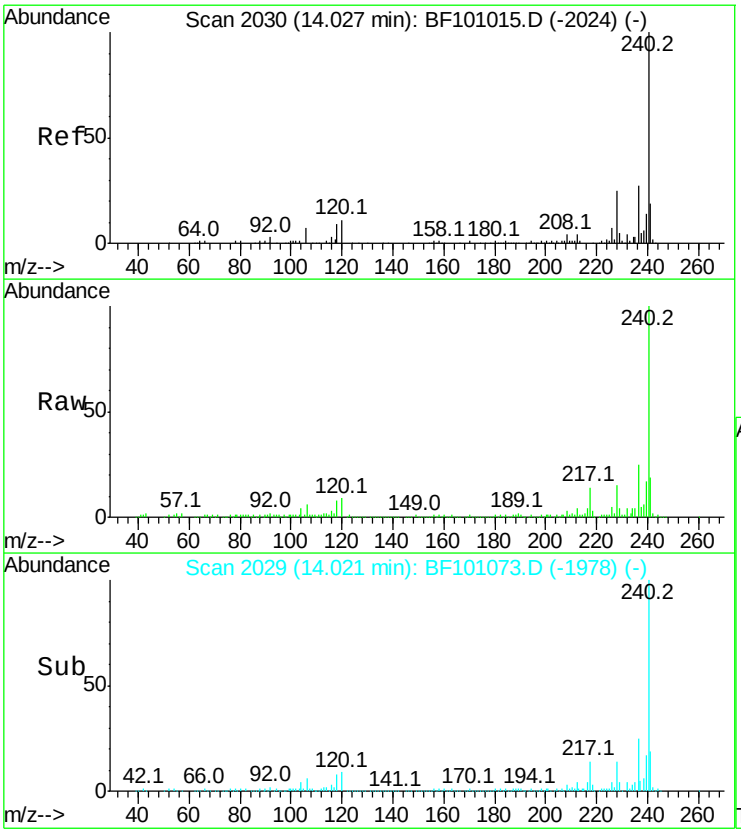
#74
Fluoranthene
Concen: 33.850 ng
RT: 12.59 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

Instrument :
BNA_F
ClientSampleId :
DBWW1A-2-4

Tgt Ion:202 Resp: 284475

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	34.1
203	16.8	0.0	38.1

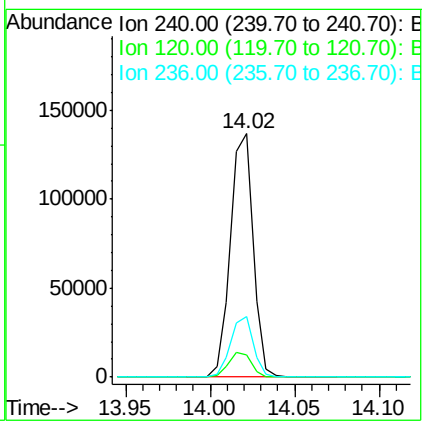


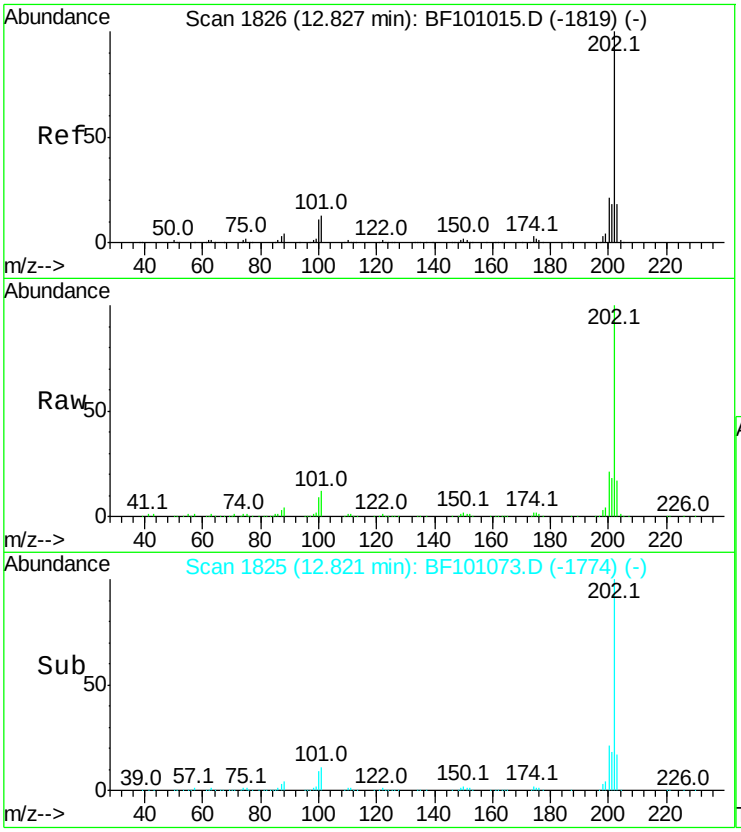


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

Tgt Ion:240 Resp: 128169

Ion	Ratio	Lower	Upper
240	100		
120	9.3	9.5	14.3#
236	24.9	20.7	31.1



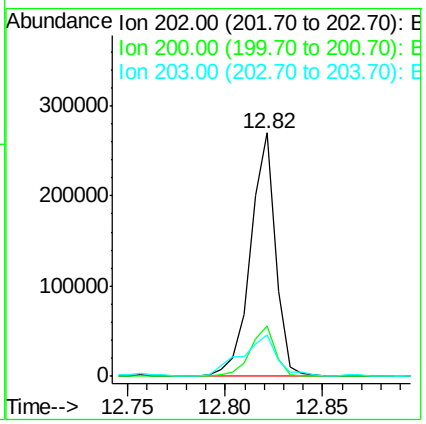


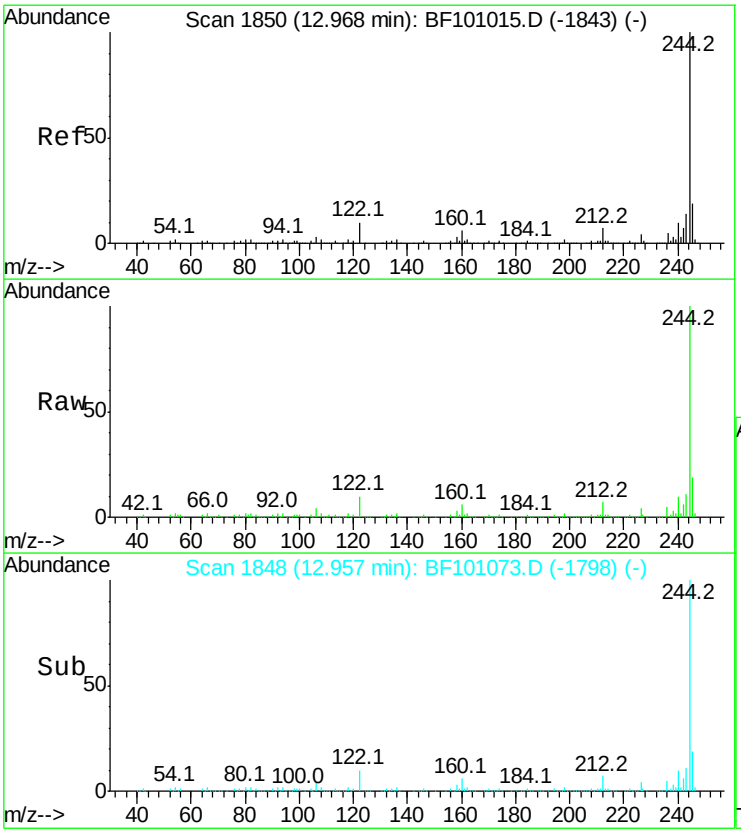
#77
Pyrene
Concen: 26.844 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

Instrument :
BNA_F
ClientSampleId :
DBWW1A-2-4

Tgt Ion:202 Resp: 237413

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	17.0	14.3	21.5

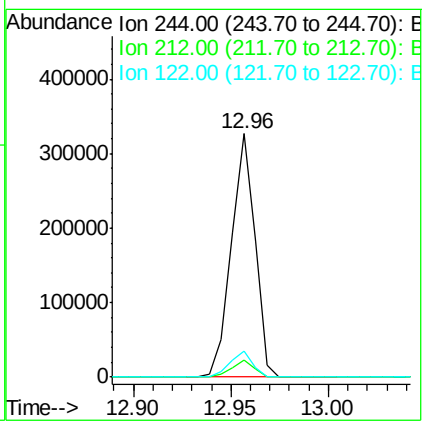


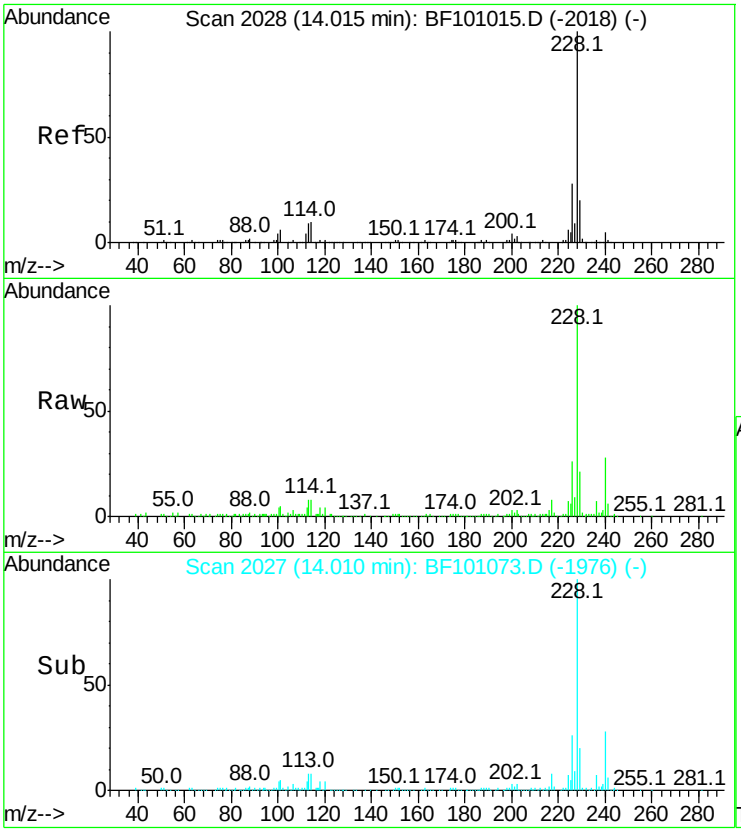


#78
Terphenyl-d14
Concen: 46.927 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

Tgt Ion:244 Resp: 274985

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.5	11.0	16.4#



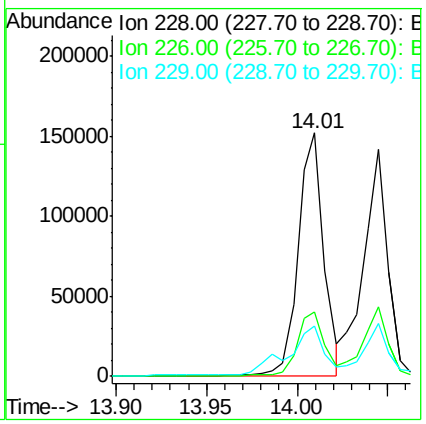


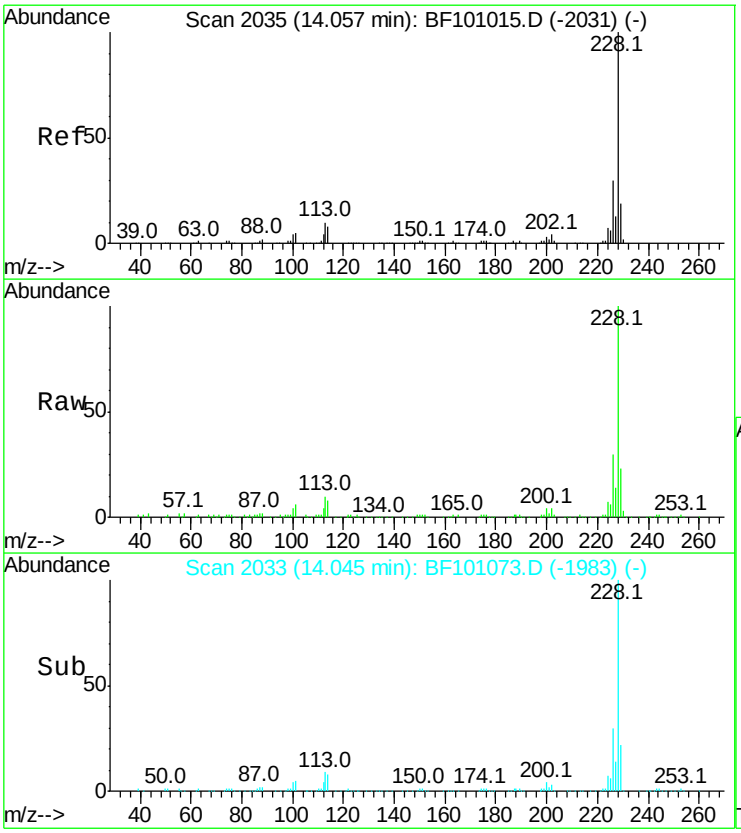
#80
Benzo(a)anthracene
Concen: 18.779 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

Instrument :
BNA_F
ClientSampleId :
DBWW1A-2-4

Tgt Ion:228 Resp: 151970

Ion	Ratio	Lower	Upper
228	100		
226	26.2	22.6	33.8
229	20.5	15.8	23.6

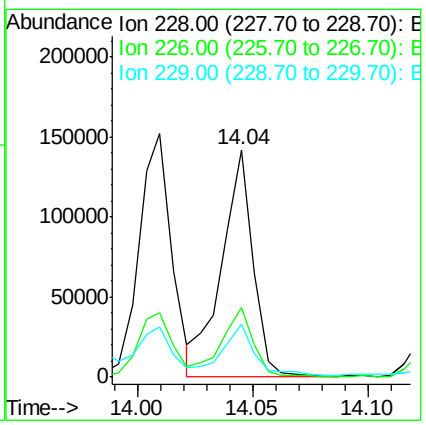


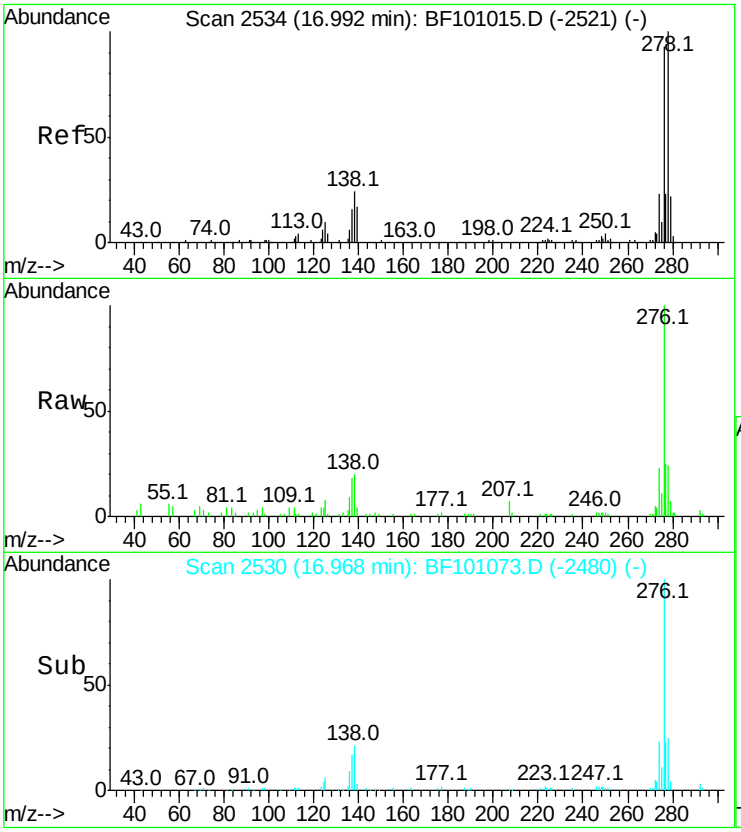


#82
Chrysene
Concen: 17.780 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

Tgt Ion:228 Resp: 133624

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	23.4	16.2	24.4



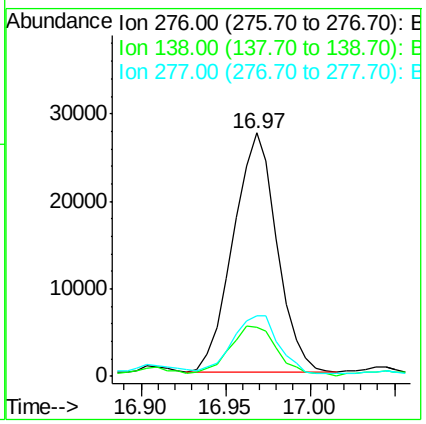


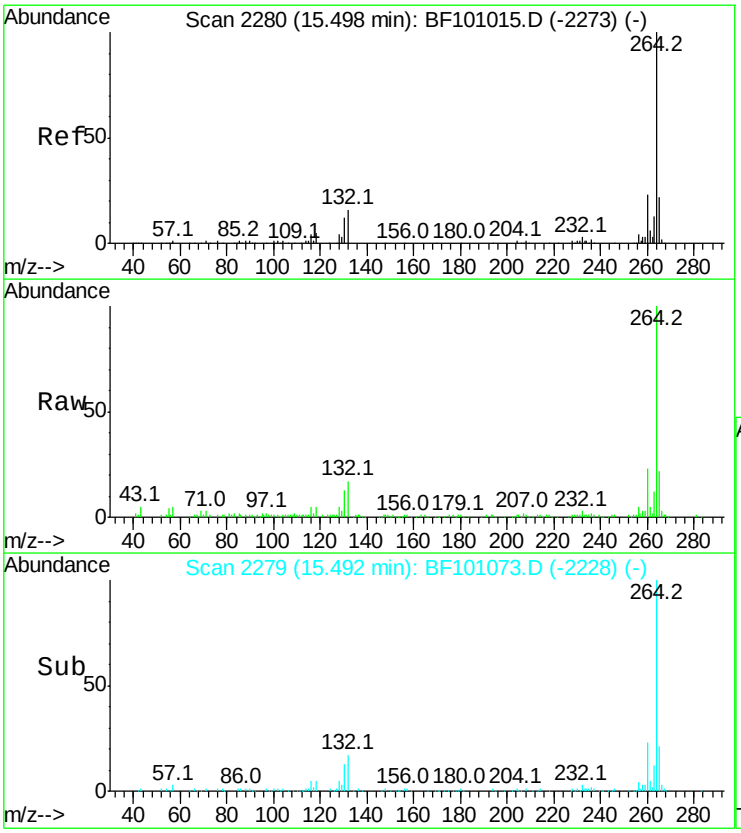
#85
Indeno(1,2,3-cd)pyrene
Concen: 7.407 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.01 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

Instrument :
BNA_F
ClientSampleId :
DBWW1A-2-4

Tgt Ion:276 Resp: 49488

Ion	Ratio	Lower	Upper
276	100		
138	23.8	25.0	37.6#
277	25.4	20.1	30.1

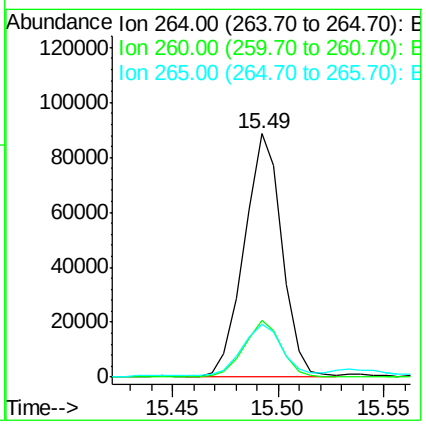


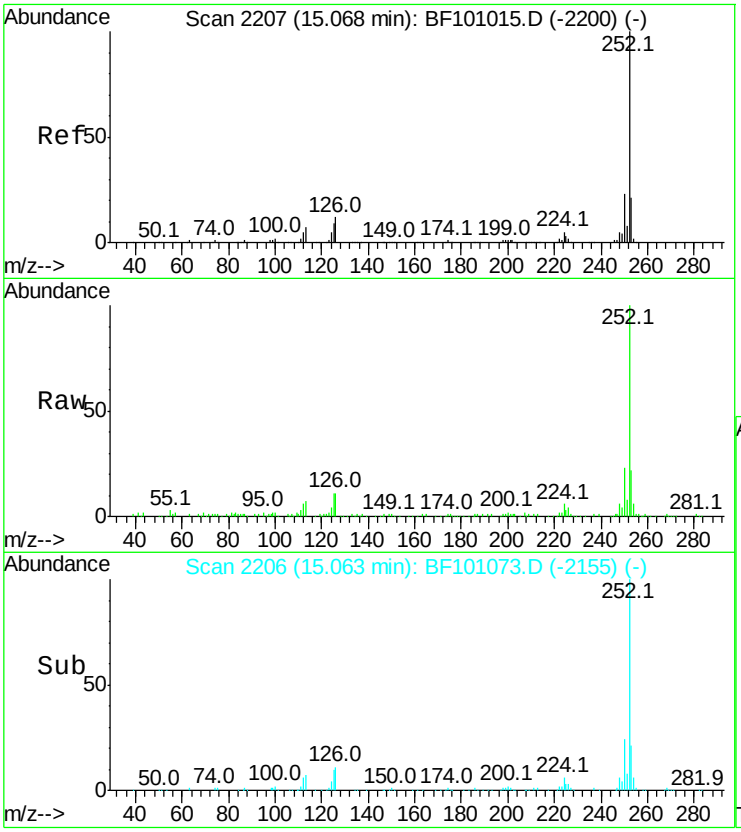


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

Tgt Ion:264 Resp: 110189

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.5	17.5	26.3



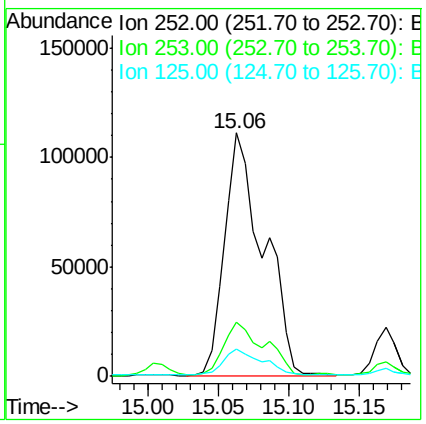


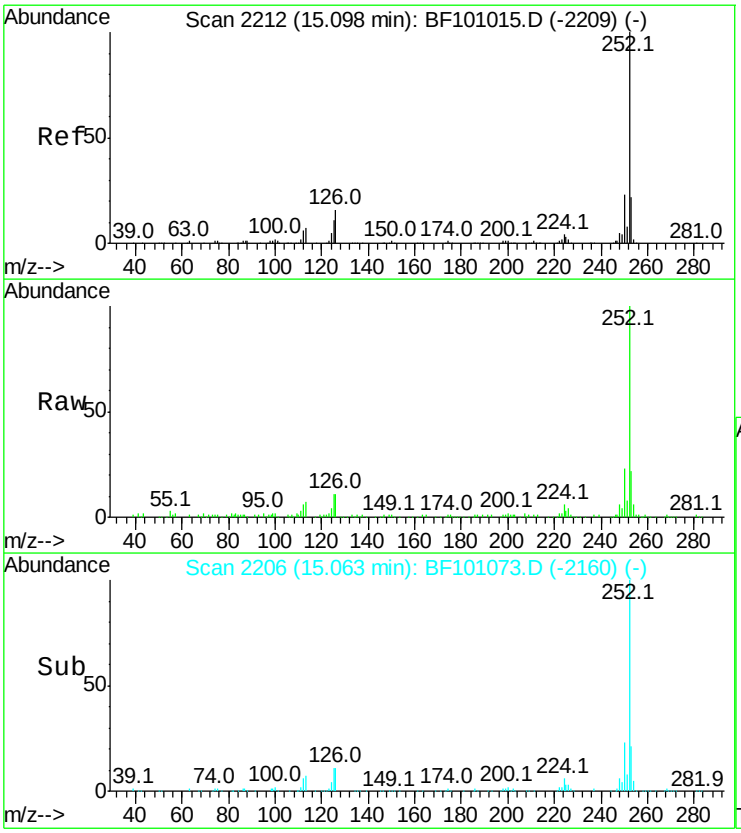
#87
Benzo(b)fluoranthene
Concen: 32.774 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

Instrument :
BNA_F
ClientSampleId :
DBWW1A-2-4

Tgt Ion:252 Resp: 216312

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	11.2	9.0	13.6

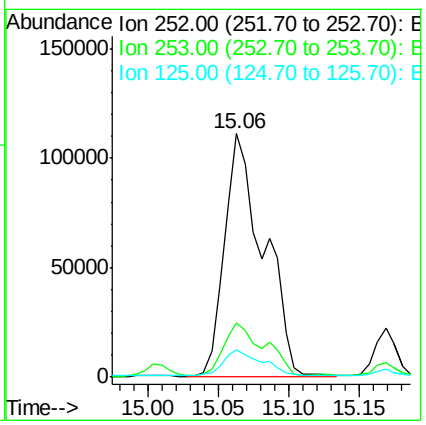


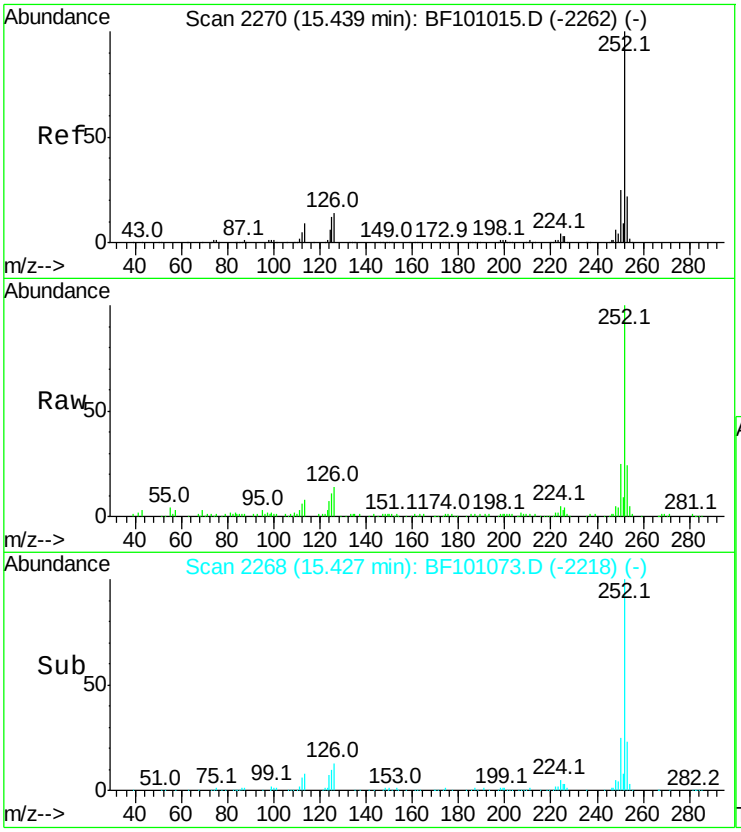


#88
Benzo(k)fluoranthene
Concen: 33.266 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.03 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

Tgt Ion:252 Resp: 216312

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	11.2	10.2	15.2



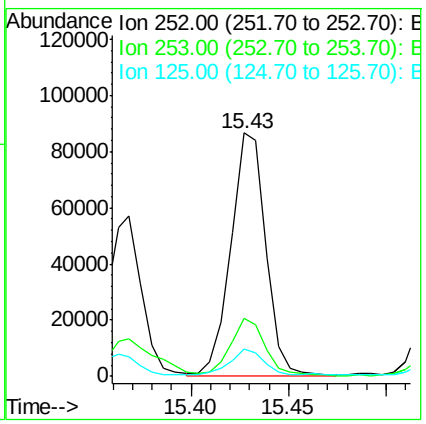


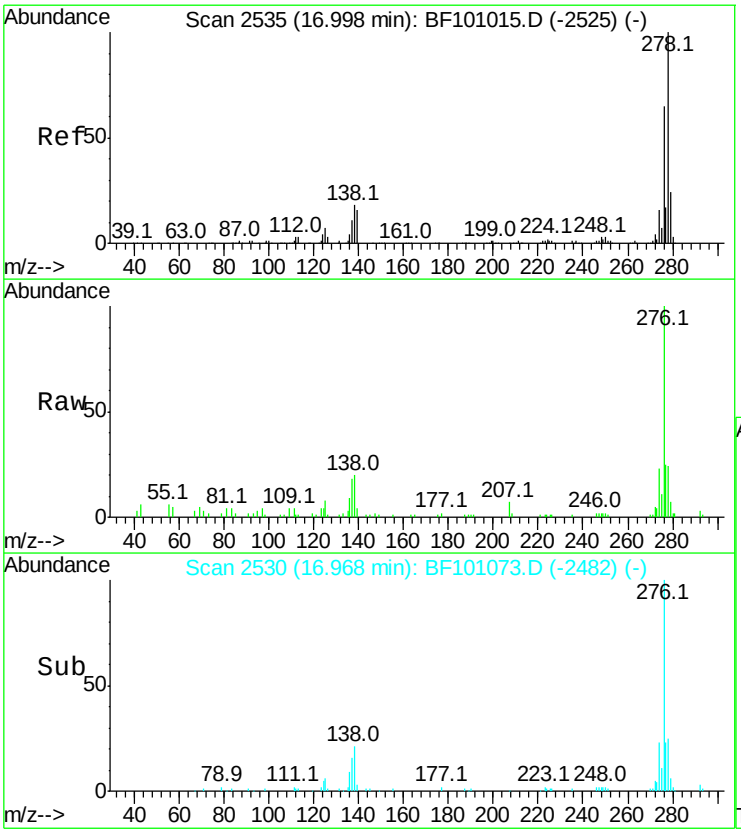
#89
Benzo(a)pyrene
Concen: 17.778 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

Instrument :
BNA_F
ClientSampleId :
DBWW1A-2-4

Tgt Ion:252 Resp: 106674

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	11.2	9.8	14.6

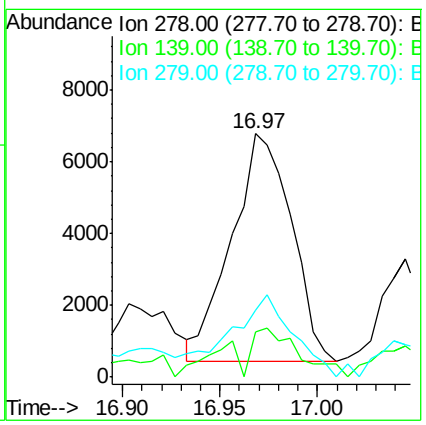


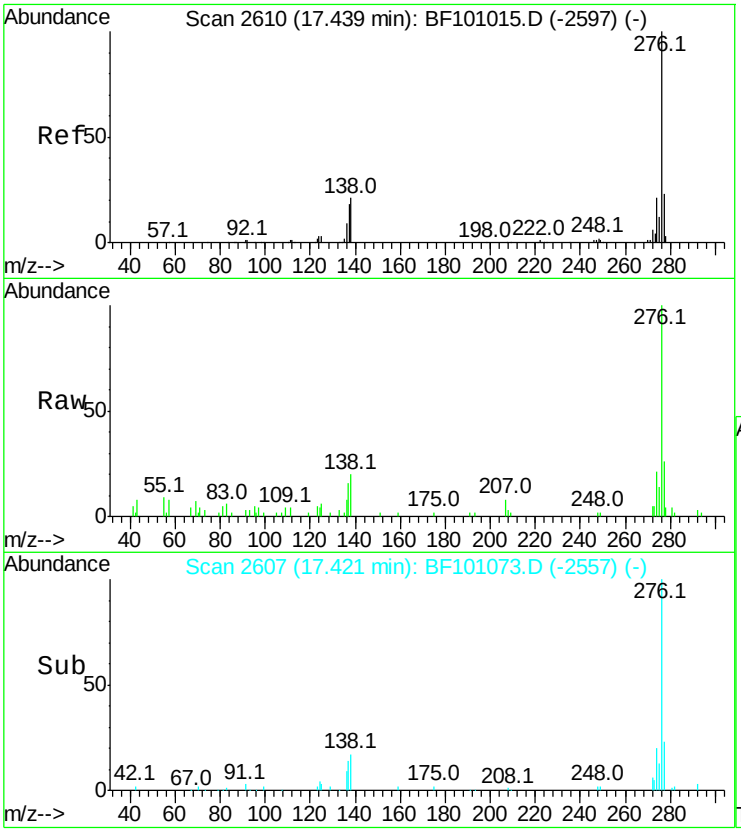


#90
Dibenzo(a,h)anthracene
Concen: 2.534 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.02 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

Tgt Ion:278 Resp: 13404

Ion	Ratio	Lower	Upper
278	100		
139	18.4	15.9	23.9
279	27.7	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 8.940 ng
RT: 17.42 min Scan# 2607
Delta R.T. -0.01 min
Lab File: BF101073.D
Acq: 1 Dec 2017 19:45

Instrument :
BNA_F
ClientSampleId :
DBWW1A-2-4

Tgt Ion:276 Resp: 44566

Ion	Ratio	Lower	Upper
276	100		
277	25.6	17.9	26.9
138	19.8	21.8	32.8#