Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120717\
Data File : BF101204.D
Acq On : 7 Dec 2017 14:48
Operator : SJ/JU
Sample : I6765-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 07 16:35:00 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	50438	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	195012	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	84621	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	138687	20.00	ng		0.00
75) Chrysene-d12	14.02	240	108583	20.00	ng		0.00
86) Perylene-d12	15.50	264	92274	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	303458	99.42	ng		0.00
7) Phenol-d6	6.48	99	371594	100.27	ng		0.00
23) Nitrobenzene-d5	7.41	82	223390	68.33	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	87988	86.56	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	458111	74.07	ng		-0.01
78) Terphenyl-d14	12.96	244	337511	67.99	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.49	94	15479	3.756	ng		82
19) n-Nitroso-di-n-propylamine	7.41	70	28922	11.589	ng	#	78
25) Isophorone	7.41	82	223387	40.005	ng	#	64
49) Dimethylphthalate	9.59	163	19823	2.905	ng		98
50) 2,6-Dinitrotoluene	9.88	165	10489	7.297	ng	#	24
56) 2,4-Dinitrotoluene	9.88	165	10489	5.445	ng	#	21
66) 4-Bromophenyl-phenylether	10.67	248	5586	3.598	ng	#	1
70) Phenanthrene	11.39	178	36962	4.840	ng		98
74) Fluoranthene	12.59	202	127283	15.035	ng		95
77) Pyrene	12.82	202	106882	14.265	ng		98
80) Benzo(a)anthracene	14.01	228	69360	10.117	ng		96
82) Chrysene	14.05	228	56867	8.931	ng		98
85) Indeno(1,2,3-cd)pyrene	16.99	276	26340	4.653	ng	#	90
87) Benzo(b)fluoranthene	15.07	252	88922	16.089	ng		97
88) Benzo(k)fluoranthene	15.07	252	88922	16.330	ng		100
89) Benzo(a)pyrene	15.43	252	44764	8.909	ng		97
91) Benzo(g,h,i)perylene	17.44	276	22018	5.274	ng	#	92

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

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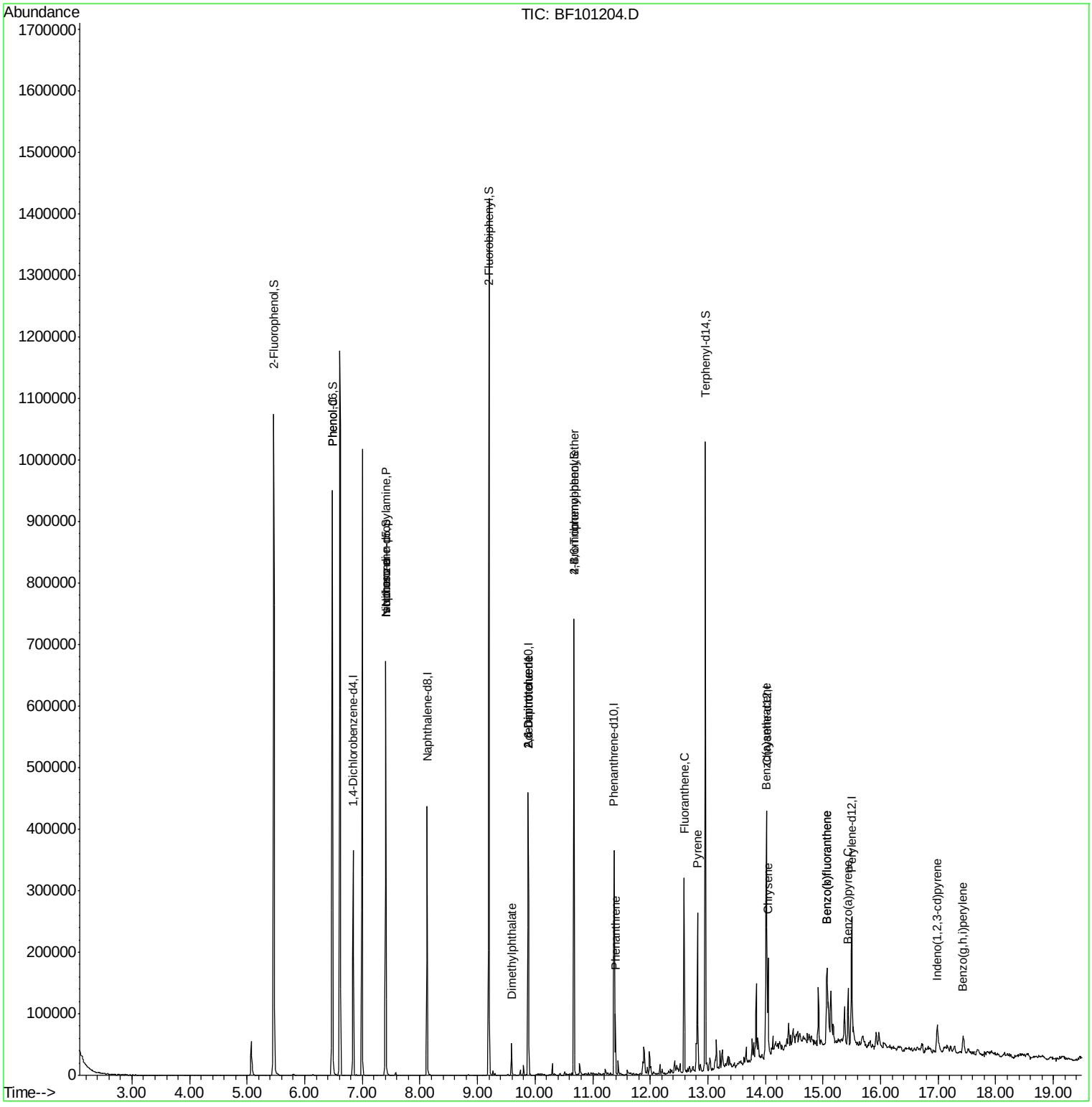
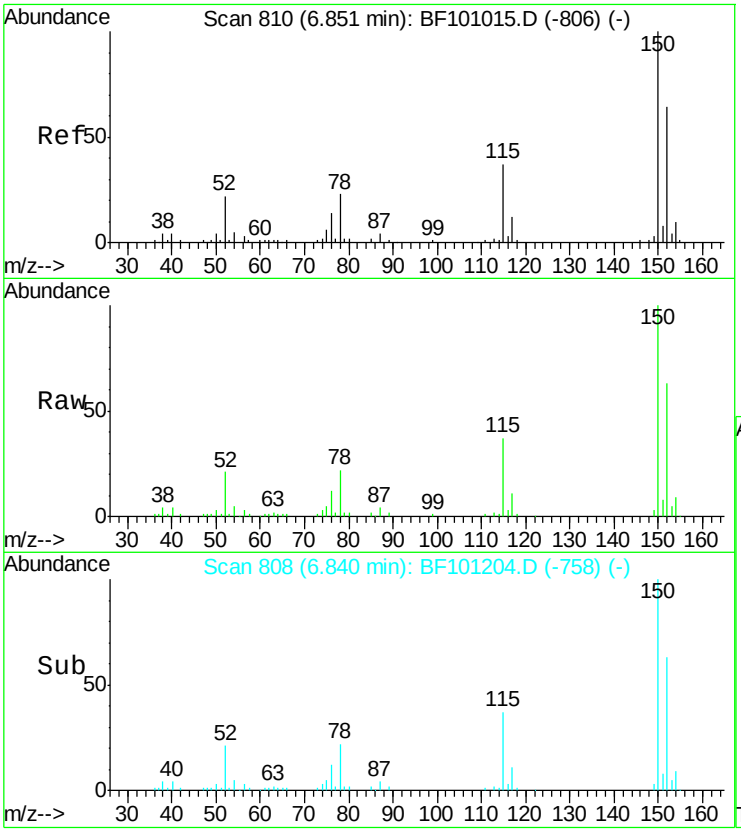
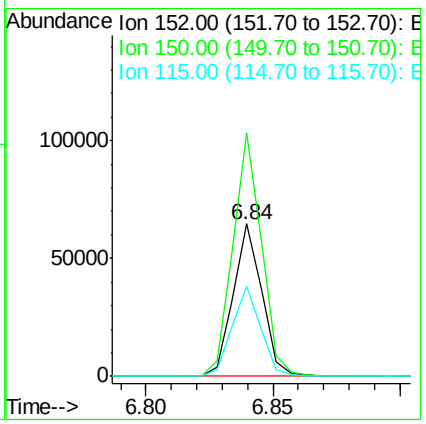




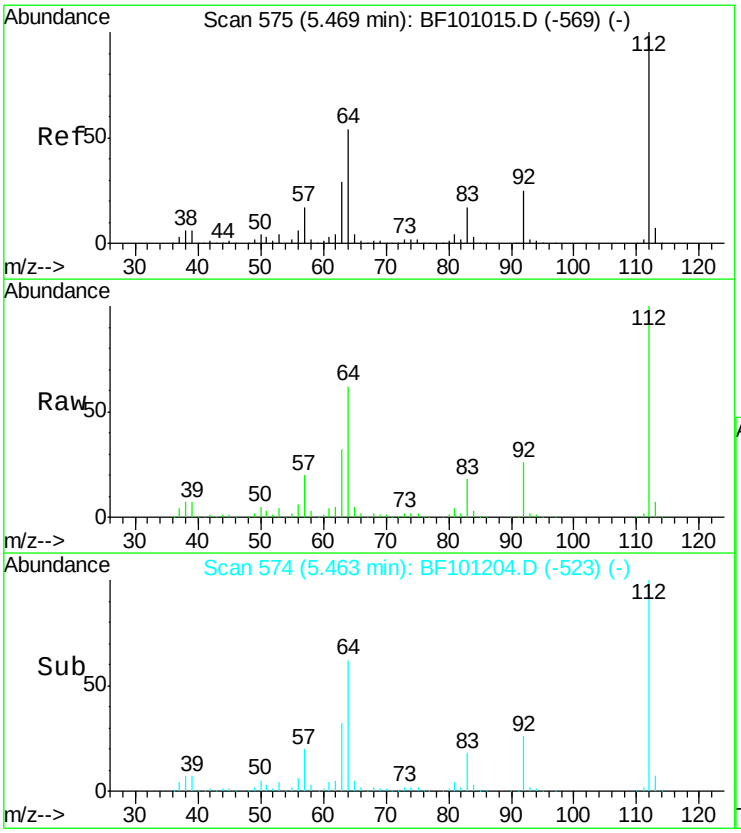
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF101204.D
Acq: 7 Dec 2017 14:48

Tgt Ion:152 Resp: 50438

Ion	Ratio	Lower	Upper
152	100		
150	159.9	124.6	186.8
115	58.9	50.1	75.1



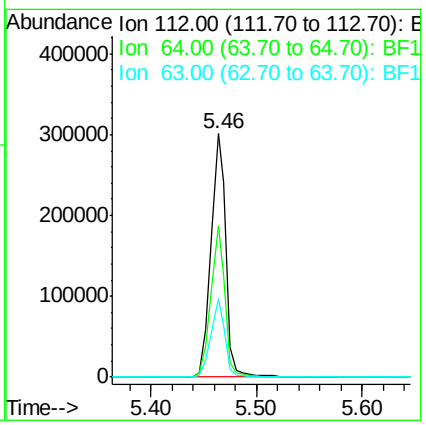
Instrument :
BNA_F
ClientSampleId :

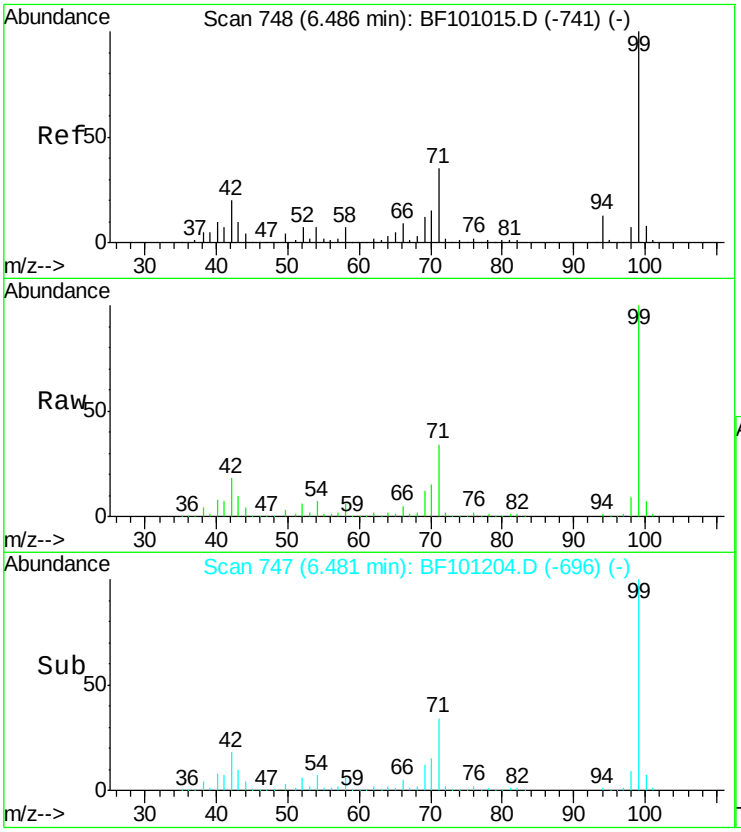


#5
2-Fluorophenol
Concen: 99.419 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF101204.D
Acq: 7 Dec 2017 14:48

Tgt Ion:112 Resp: 303458

Ion	Ratio	Lower	Upper
112	100		
64	62.2	47.9	71.9
63	32.1	23.7	35.5



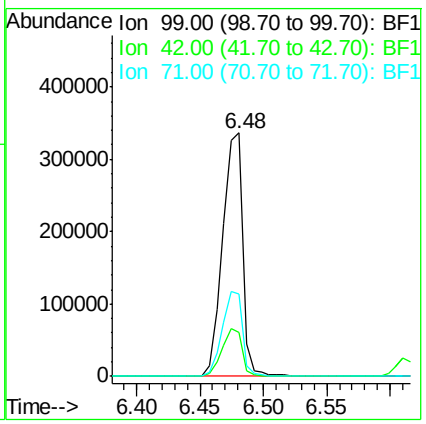


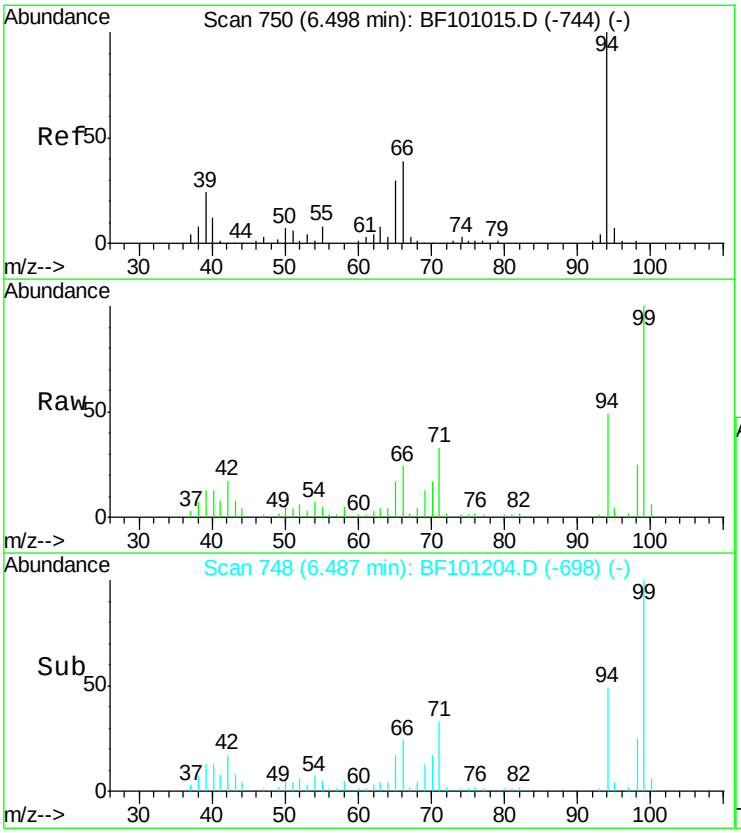
#7
Phenol-d6
Concen: 100.273 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF101204.D
Acq: 7 Dec 2017 14:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 371594

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.5	21.7
71	34.0	25.4	38.0

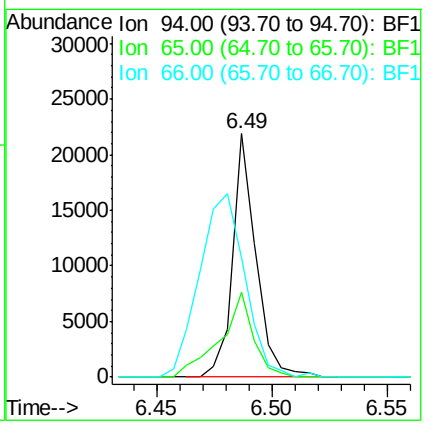


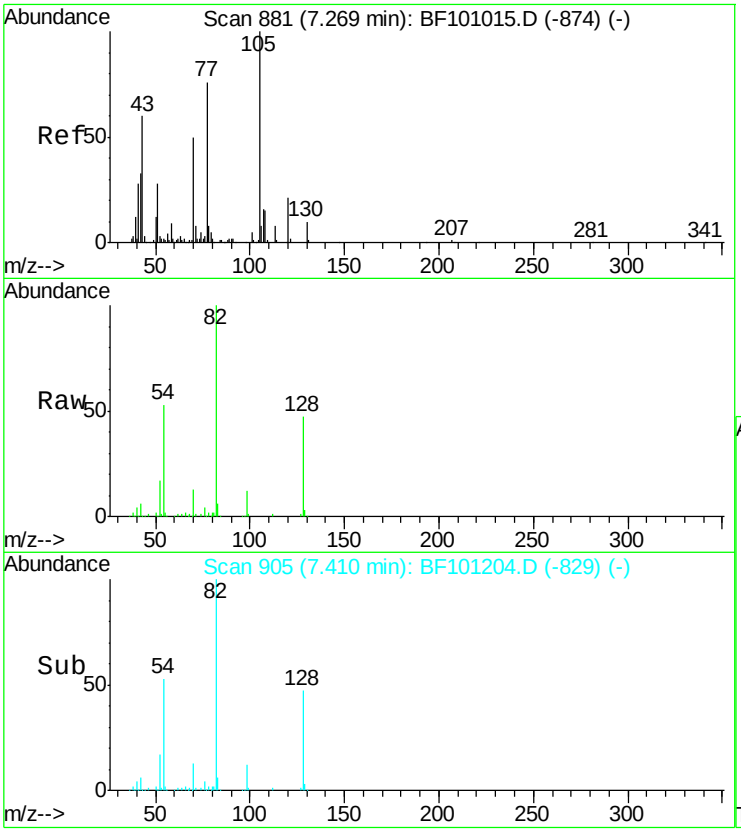


#10
Phenol
Concen: 3.756 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF101204.D
Acq: 7 Dec 2017 14:48

Tgt Ion: 94 Resp: 15479

Ion	Ratio	Lower	Upper
94	100		
65	34.8	7.9	47.9
66	48.9	16.2	56.2



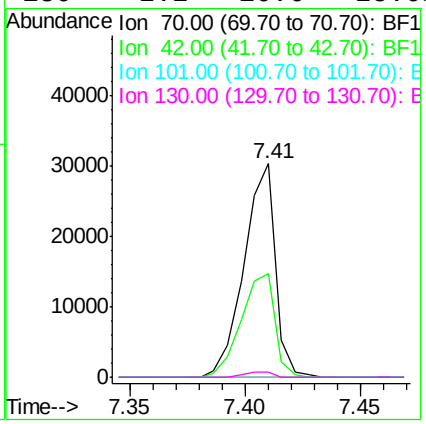


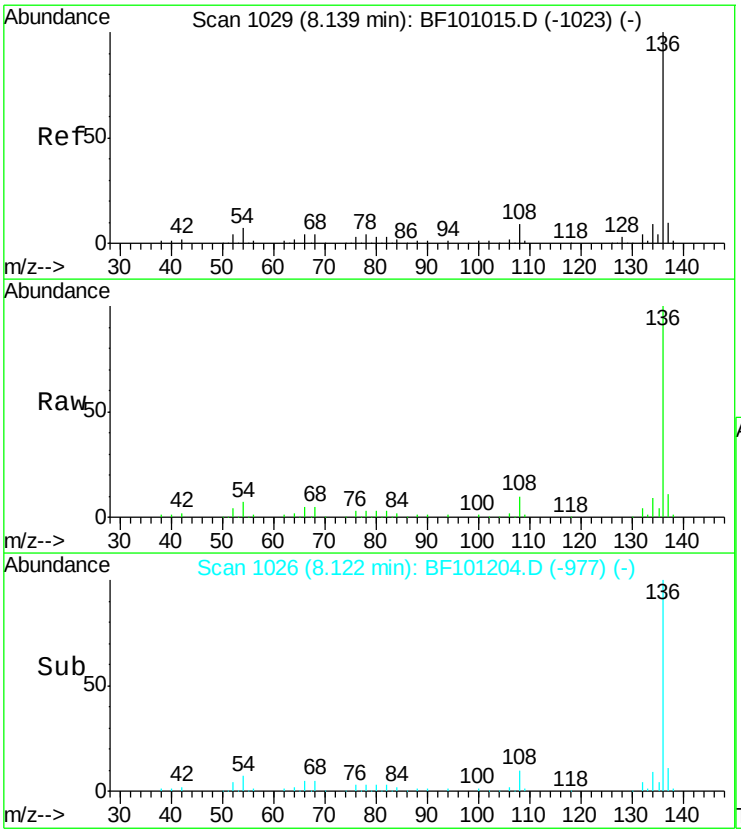
#19
n-Nitroso-di-n-propylamine
Concen: 11.589 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.15 min
Lab File: BF101204.D
Acq: 7 Dec 2017 14:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 28922

Ion	Ratio	Lower	Upper
70	100		
42	48.3	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#

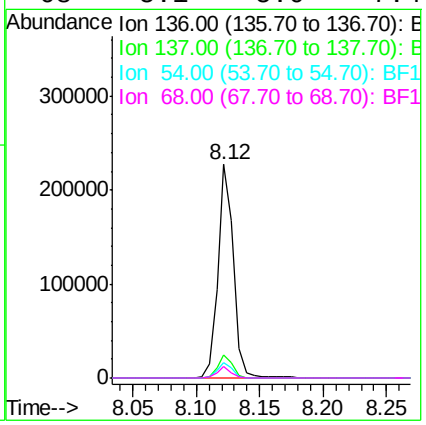


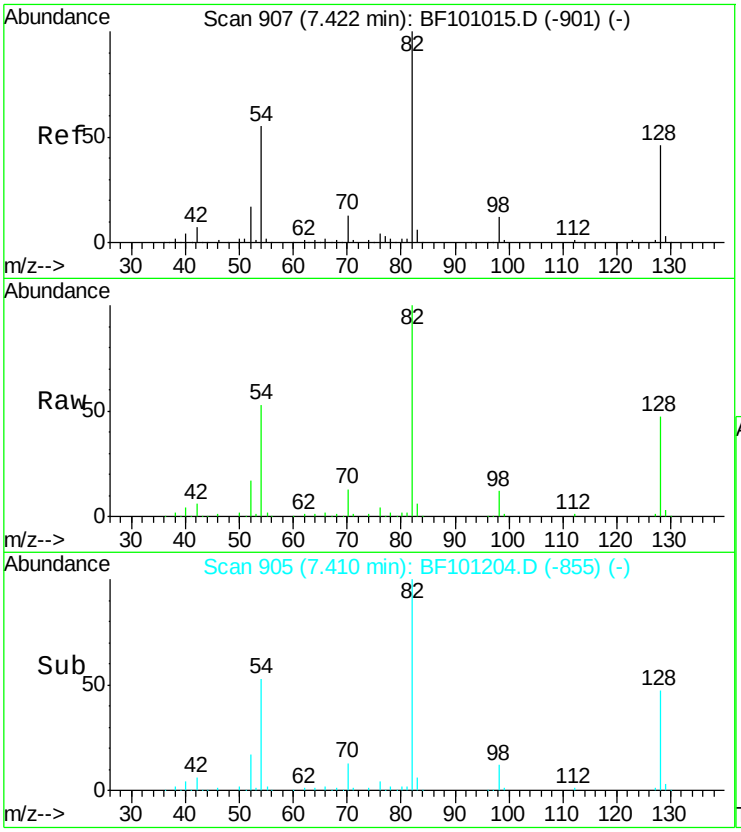


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF101204.D
Acq: 7 Dec 2017 14:48

Tgt Ion:136 Resp: 195012

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.4	6.6	9.8
68	5.1	5.0	7.4



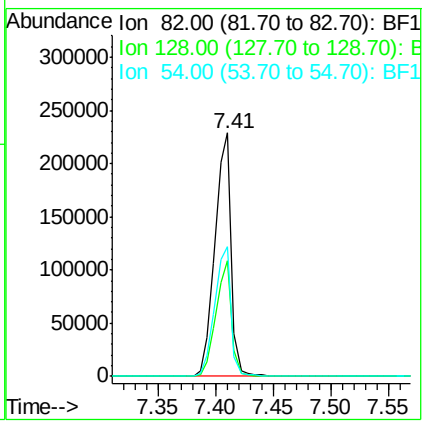


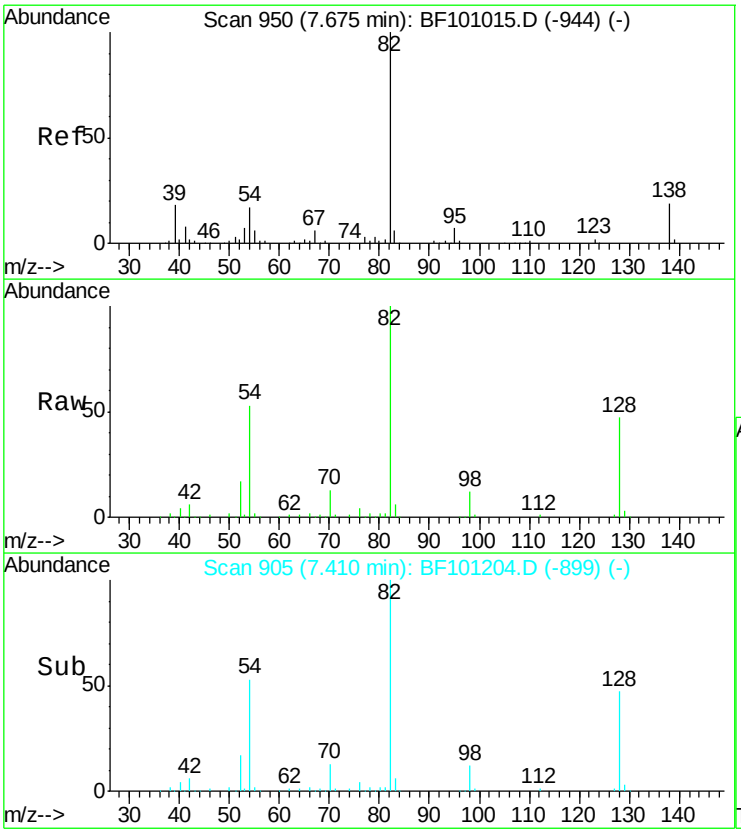
#23
Nitrobenzene-d5
Concen: 68.334 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101204.D
Acq: 7 Dec 2017 14:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 223390

Ion	Ratio	Lower	Upper
82	100		
128	47.3	36.1	54.1
54	53.2	41.4	62.2

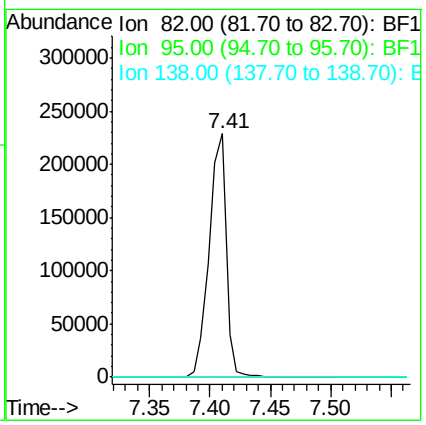


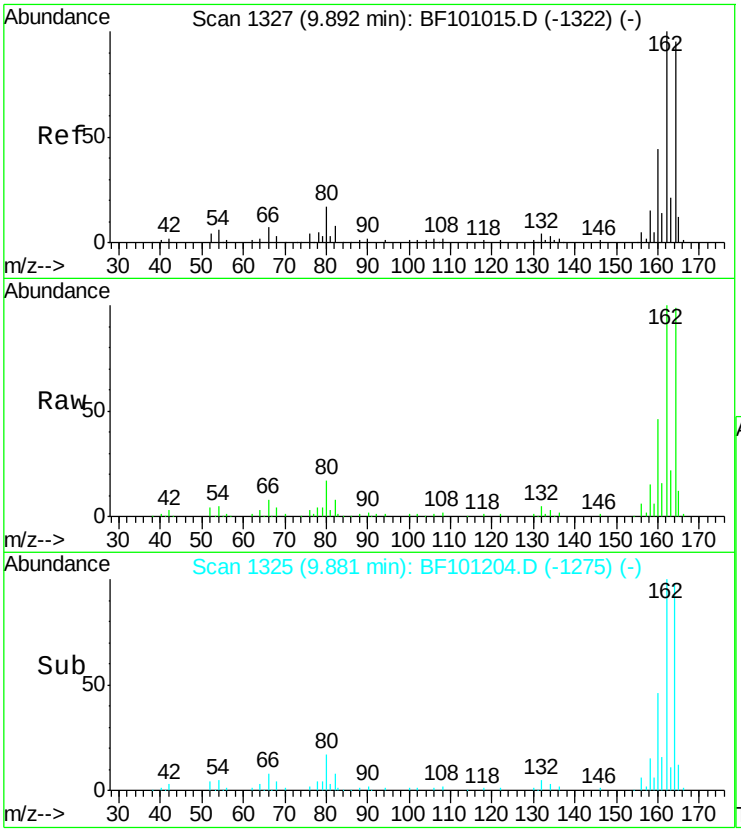


#25
Isophorone
Concen: 40.005 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF101204.D
Acq: 7 Dec 2017 14:48

Tgt Ion: 82 Resp: 223387

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



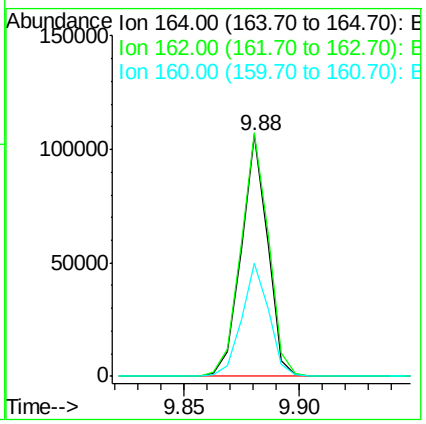


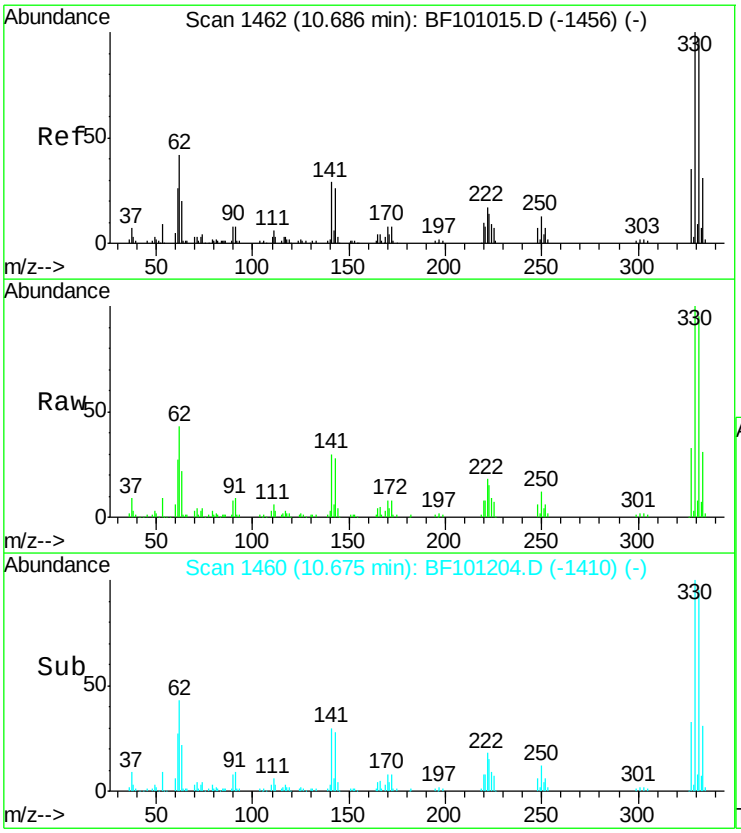
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF101204.D
Acq: 7 Dec 2017 14:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 84621

Ion	Ratio	Lower	Upper
164	100		
162	101.2	86.1	129.1
160	47.0	38.3	57.5

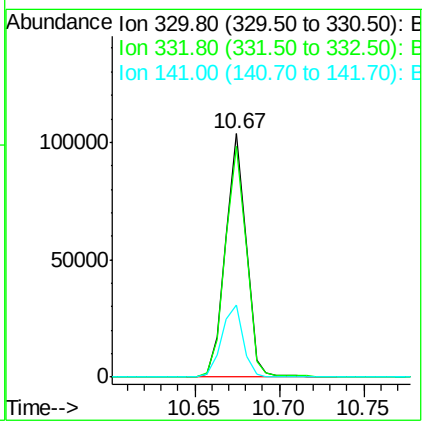


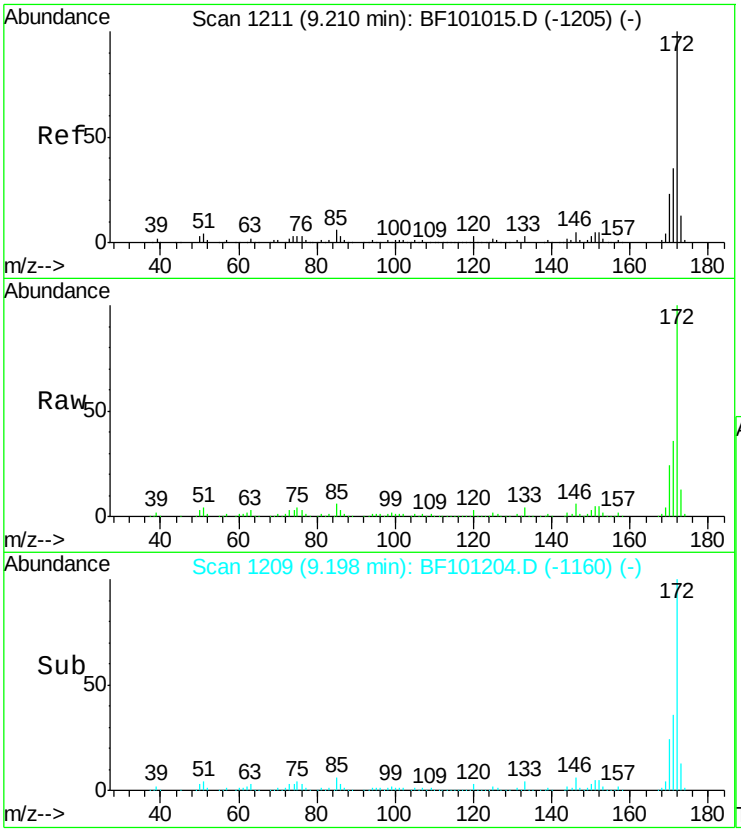


#41
2,4,6-Tribromophenol
Concen: 86.556 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF101204.D
Acq: 7 Dec 2017 14:48

Tgt Ion:330 Resp: 87988

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	30.7	29.9	44.9



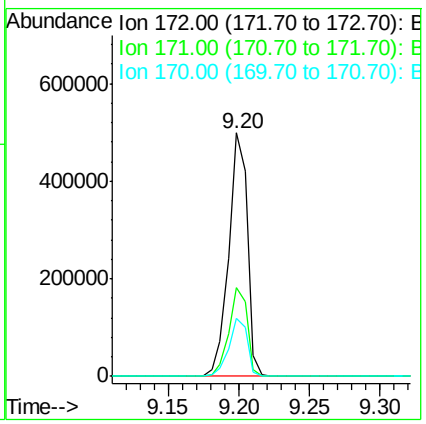


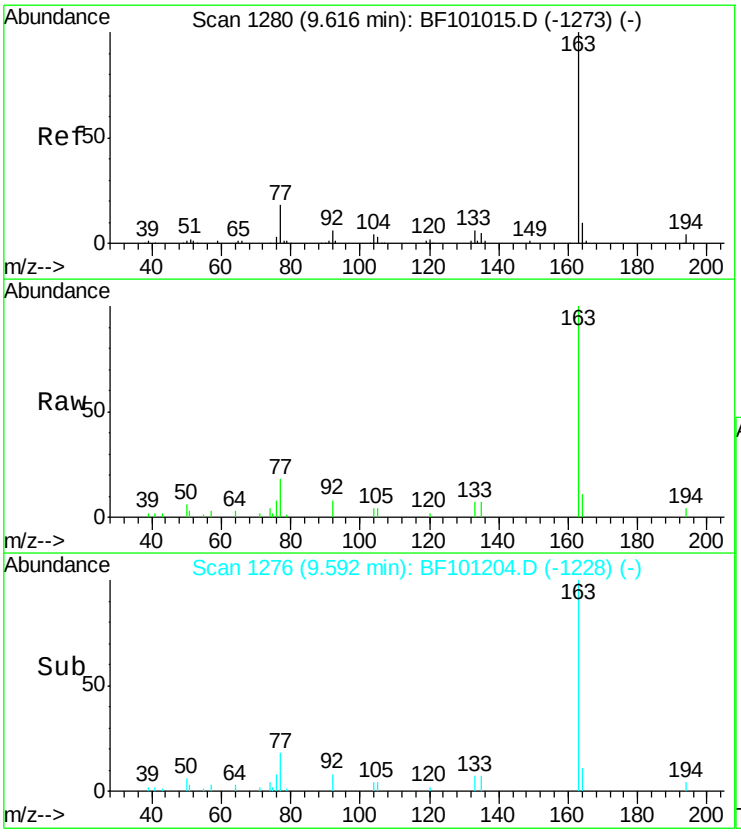
#44
2-Fluorobiphenyl
Concen: 74.070 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF101204.D
Acq: 7 Dec 2017 14:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 458111

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.9	19.6	29.4

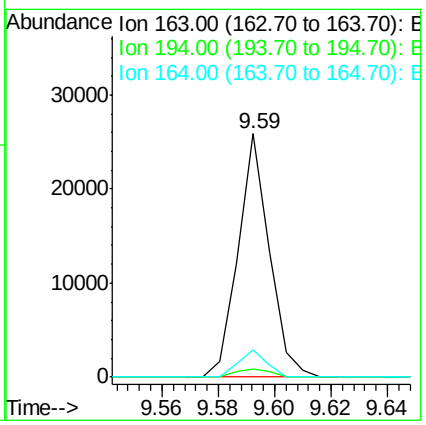


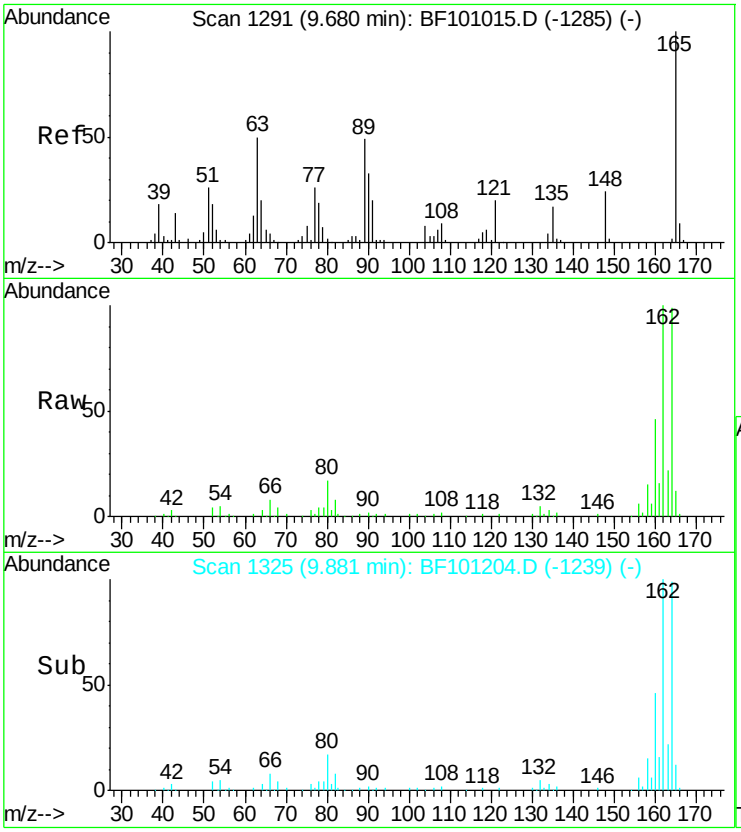


#49
Dimethylphthalate
Concen: 2.905 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF101204.D
Acq: 7 Dec 2017 14:48

Tgt Ion:163 Resp: 19823

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	11.1	8.2	12.2



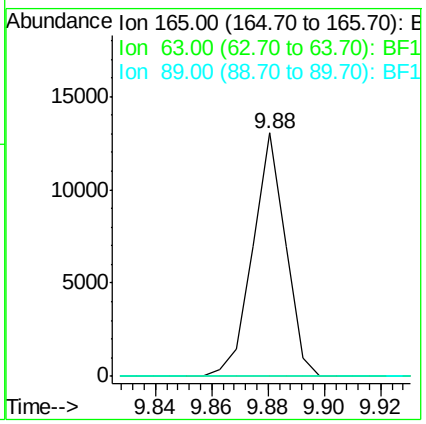


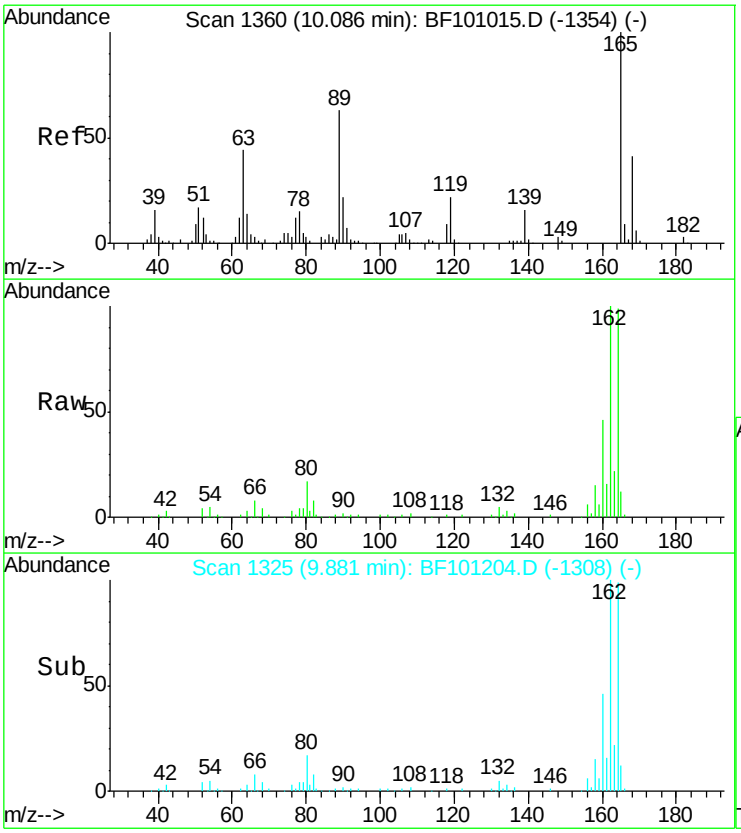
#50
2,6-Dinitrotoluene
Concen: 7.297 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.21 min
Lab File: BF101204.D
Acq: 7 Dec 2017 14:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 10489

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

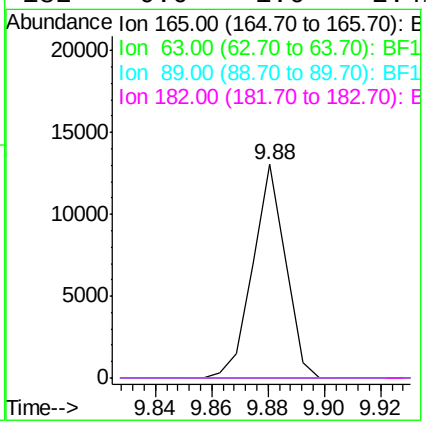


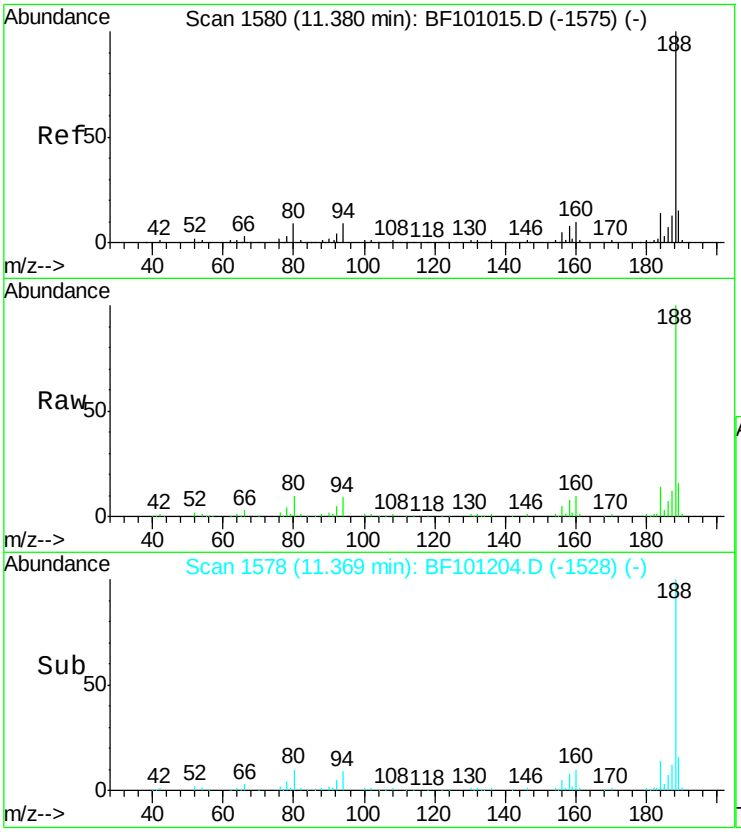


#56
2,4-Dinitrotoluene
Concen: 5.445 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.20 min
Lab File: BF101204.D
Acq: 7 Dec 2017 14:48

Tgt Ion:165 Resp: 10489

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



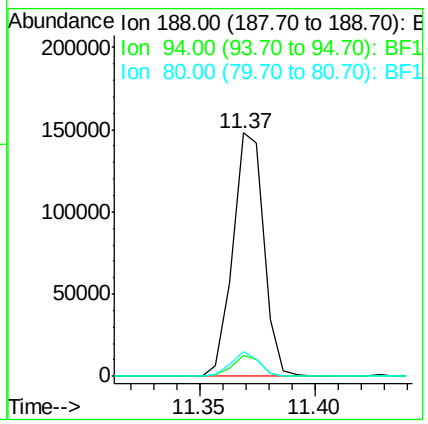


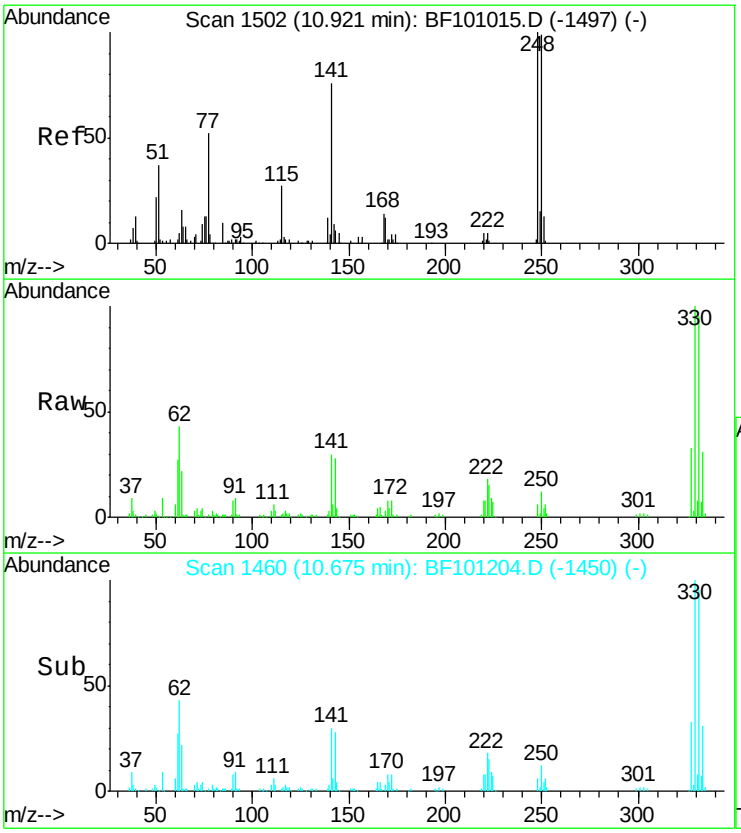
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF101204.D
Acq: 7 Dec 2017 14:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 138687

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	10.0	9.2	13.8

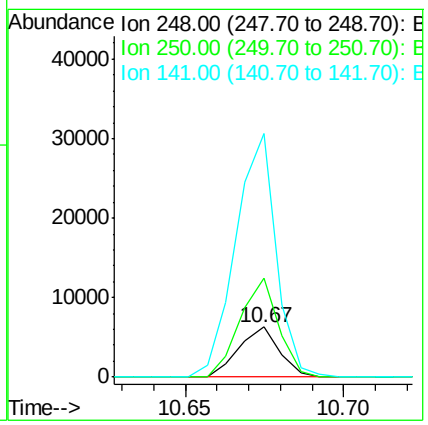


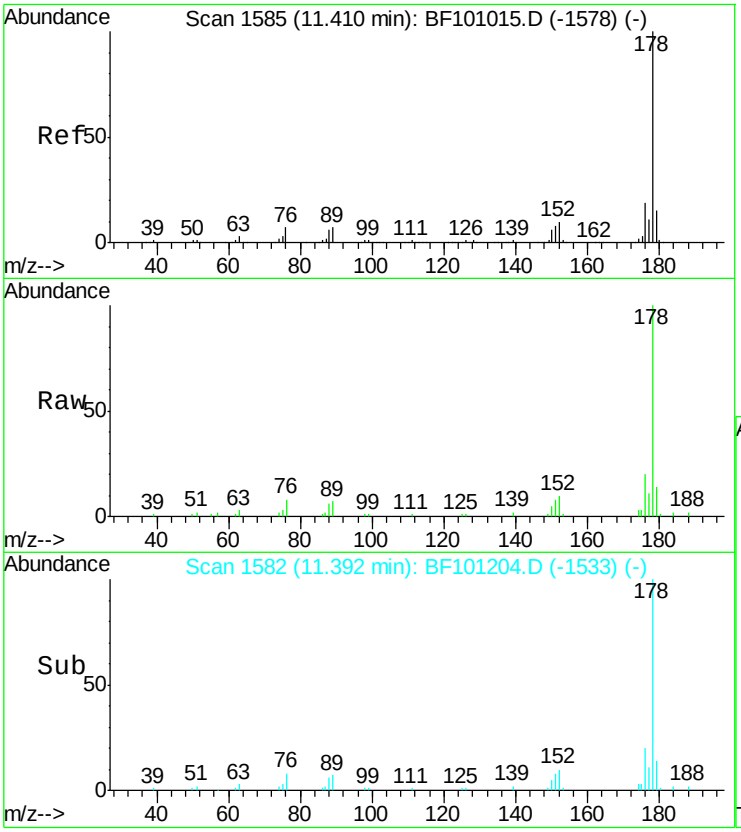


#66
4-Bromophenyl-phenylether
Concen: 3.598 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF101204.D
Acq: 7 Dec 2017 14:48

Tgt Ion:248 Resp: 5586

Ion	Ratio	Lower	Upper
248	100		
250	200.0	76.9	115.3#
141	489.4	74.4	111.6#



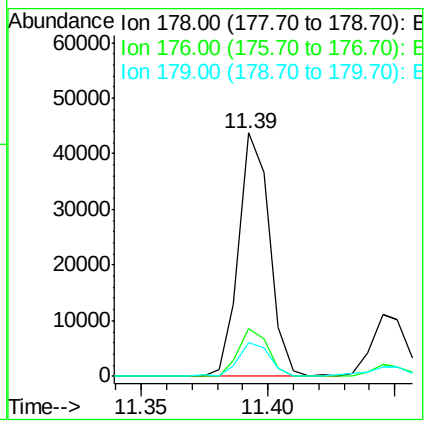


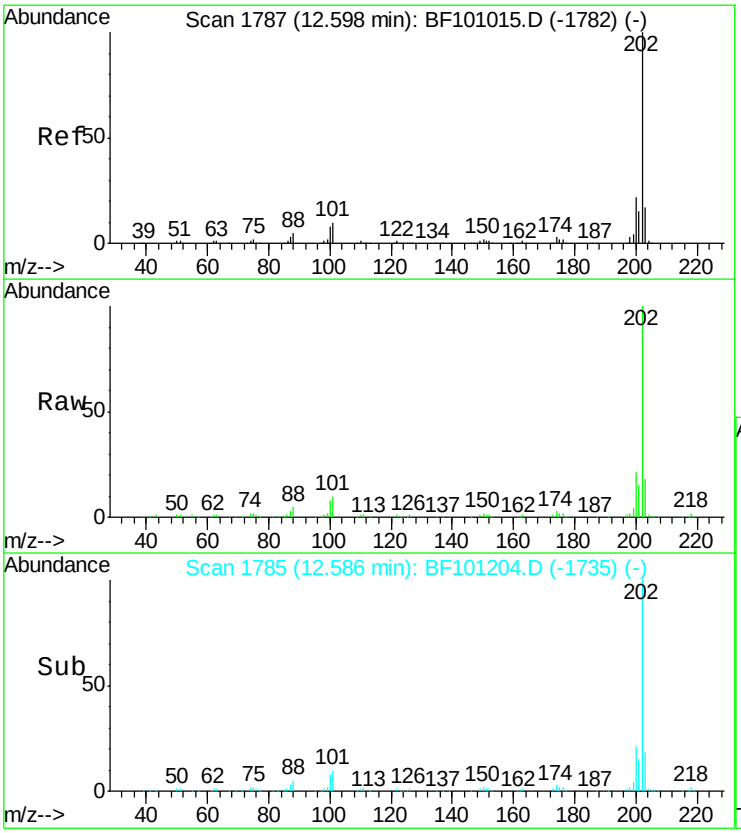
#70
Phenanthrene
Concen: 4.840 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF101204.D
Acq: 7 Dec 2017 14:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 36962

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	14.0	13.0	19.6

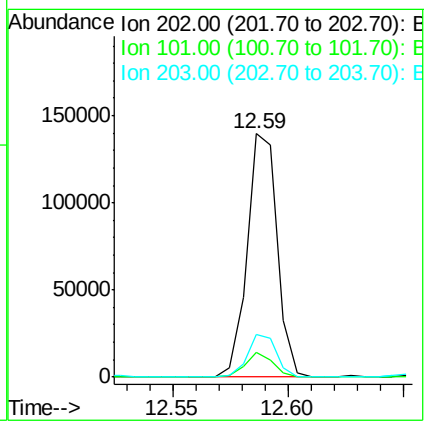


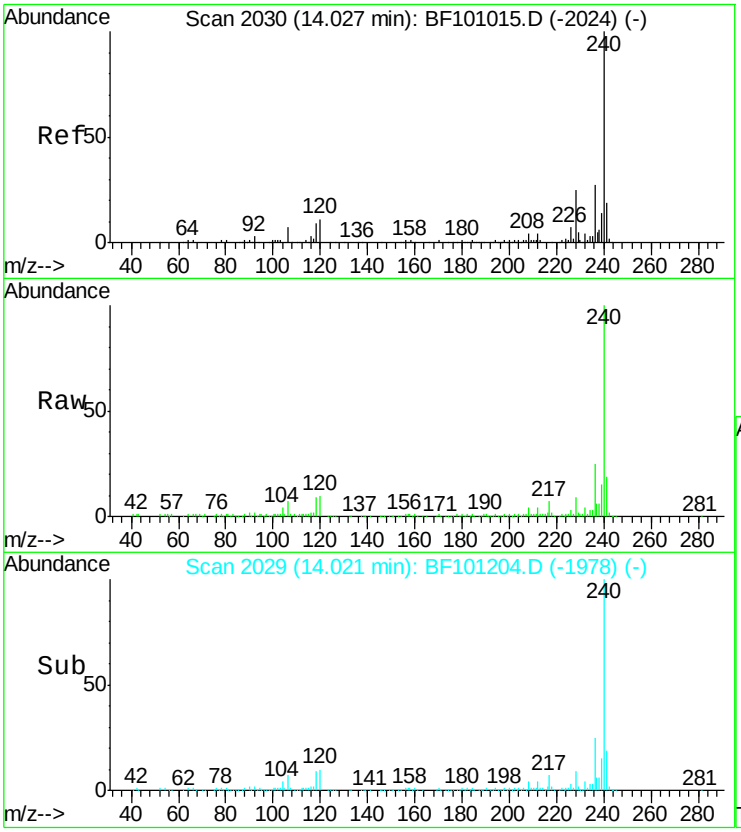


#74
Fluoranthene
Concen: 15.035 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BF101204.D
Acq: 7 Dec 2017 14:48

Tgt Ion:202 Resp: 127283

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	34.1
203	17.7	0.0	38.1



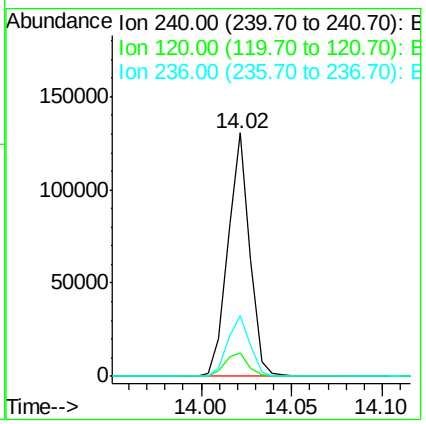


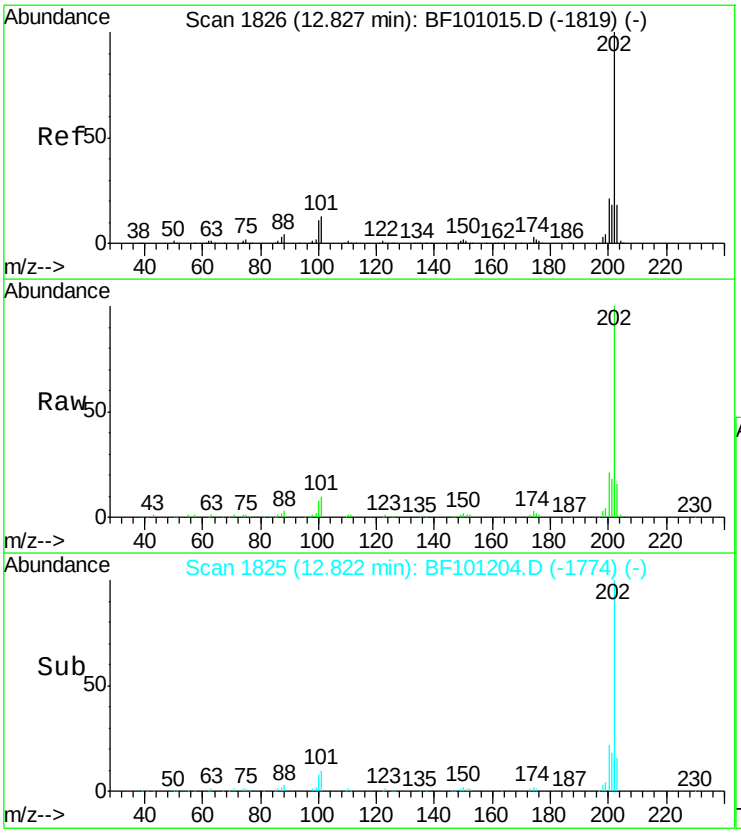
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF101204.D
Acq: 7 Dec 2017 14:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 108583

Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.5	14.3
236	24.9	20.7	31.1

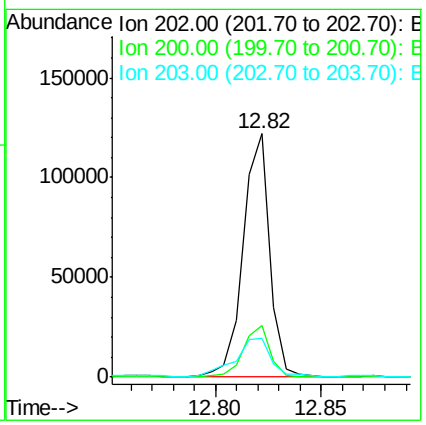


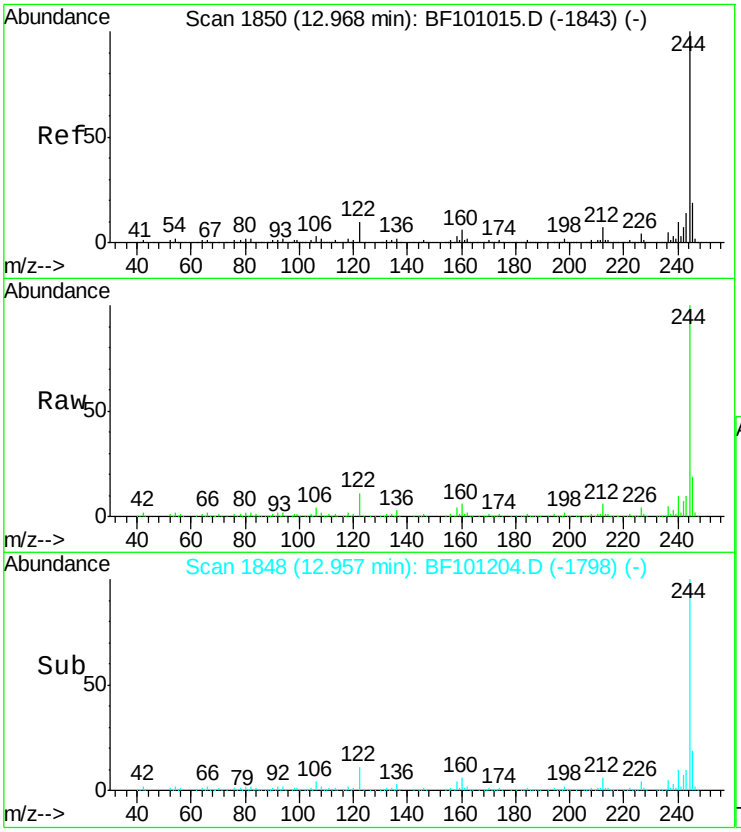


#77
Pyrene
Concen: 14.265 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF101204.D
Acq: 7 Dec 2017 14:48

Tgt Ion:202 Resp: 106882

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	16.1	14.3	21.5



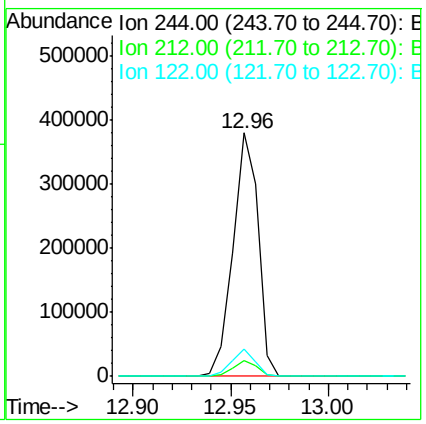


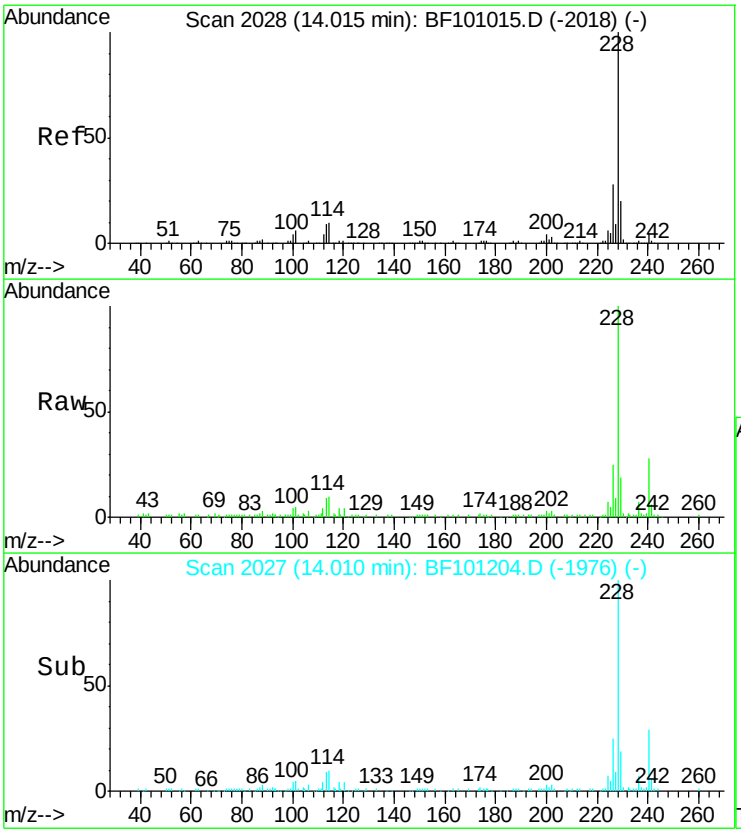
#78
Terphenyl-d14
Concen: 67.987 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF101204.D
Acq: 7 Dec 2017 14:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 337511

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

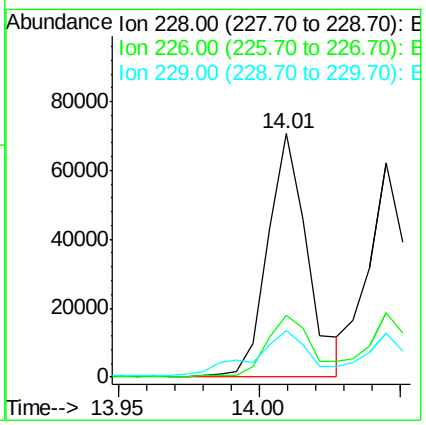


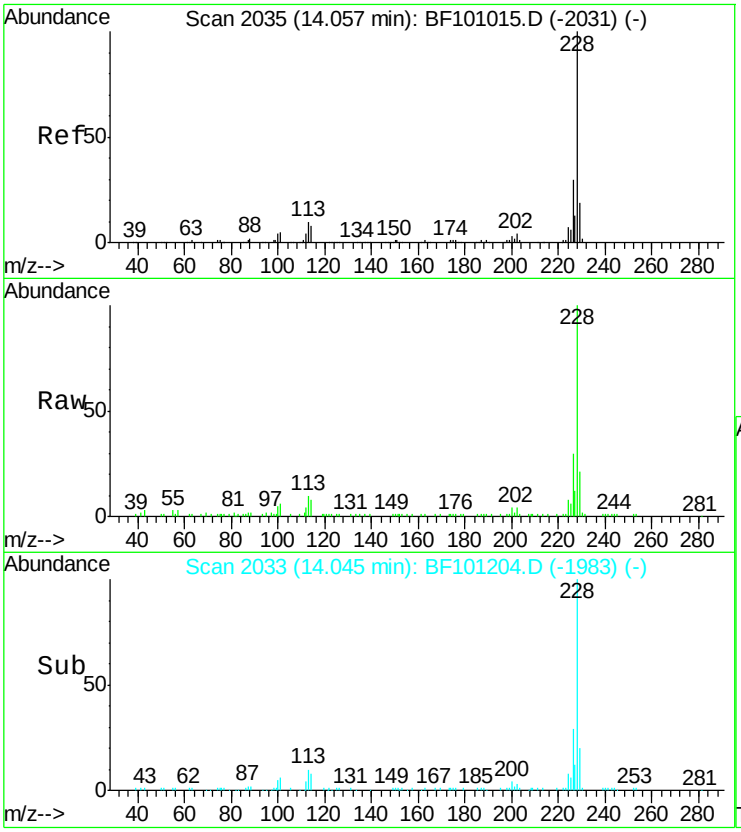


#80
Benzo(a)anthracene
Concen: 10.117 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF101204.D
Acq: 7 Dec 2017 14:48

Tgt Ion:228 Resp: 69360

Ion	Ratio	Lower	Upper
228	100		
226	25.1	22.6	33.8
229	19.0	15.8	23.6



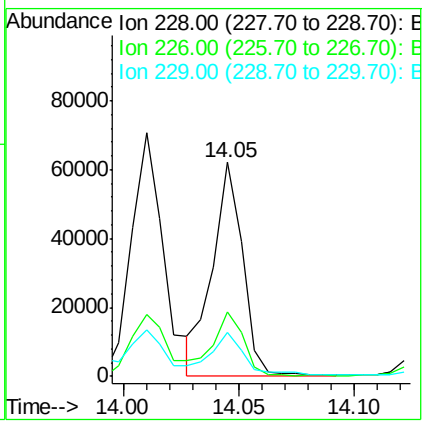


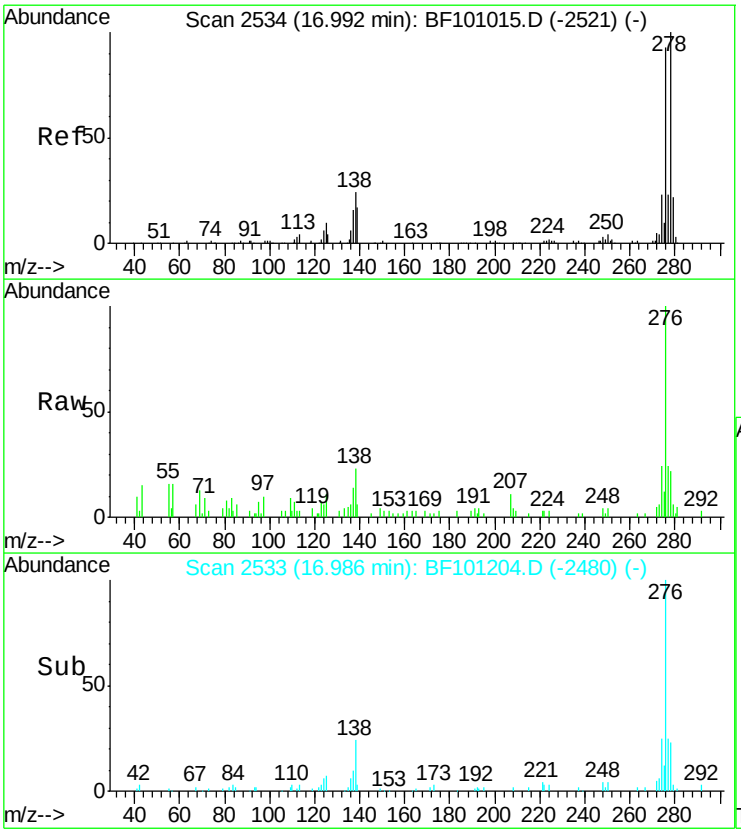
#82
Chrysene
Concen: 8.931 ng
RT: 14.05 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF101204.D
Acq: 7 Dec 2017 14:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 56867

Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	20.6	16.2	24.4

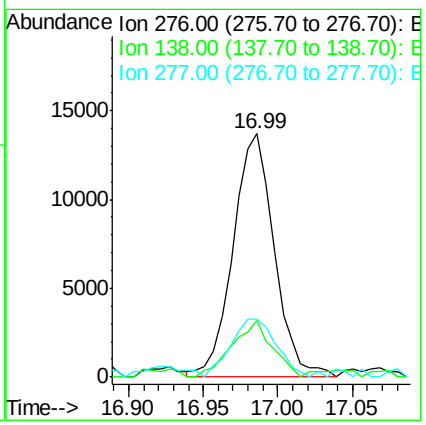


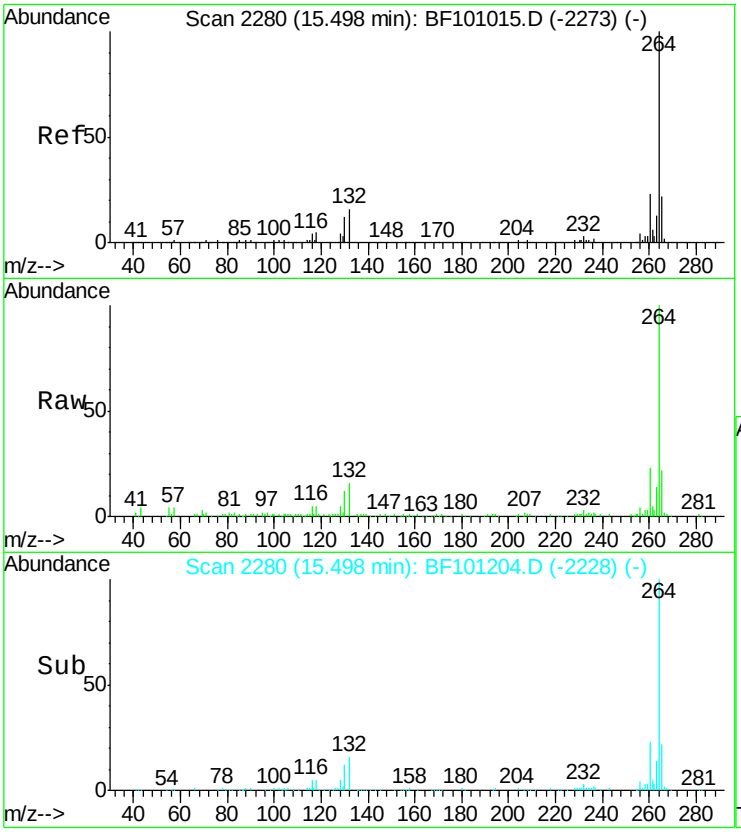


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.653 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.01 min
Lab File: BF101204.D
Acq: 7 Dec 2017 14:48

Tgt Ion:276 Resp: 26340

Ion	Ratio	Lower	Upper
276	100		
138	22.6	25.0	37.6#
277	26.2	20.1	30.1



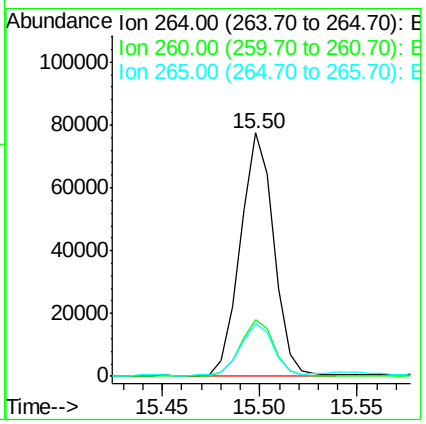


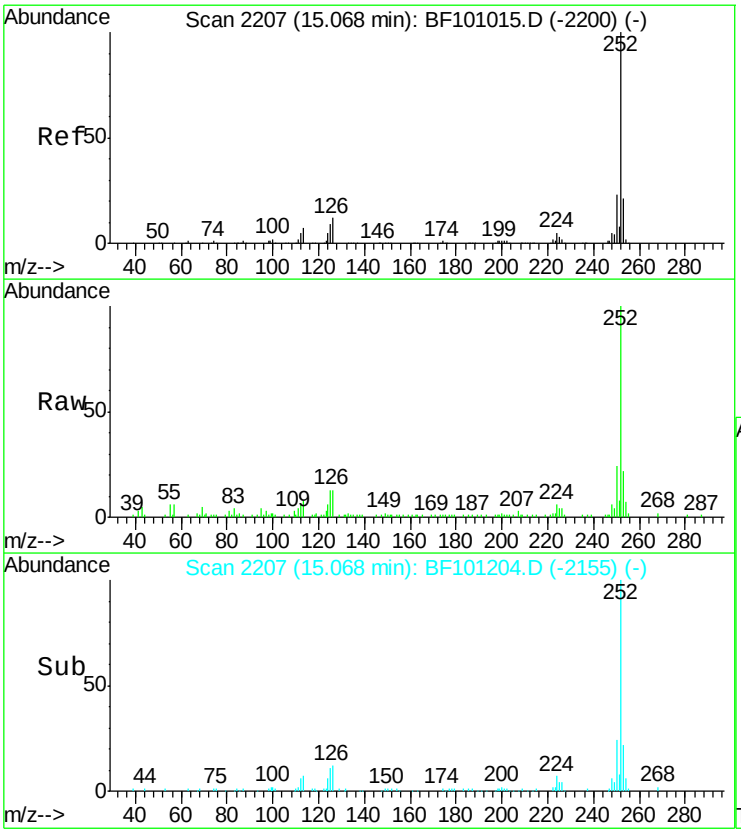
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF101204.D
Acq: 7 Dec 2017 14:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 92274

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.6	17.5	26.3

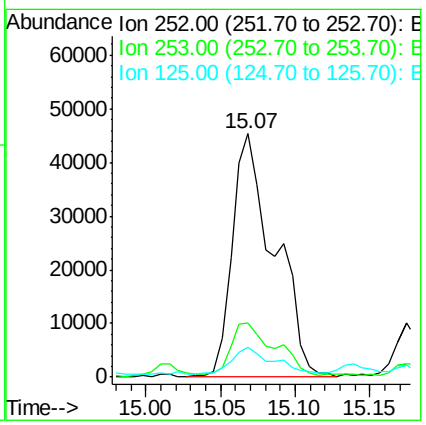


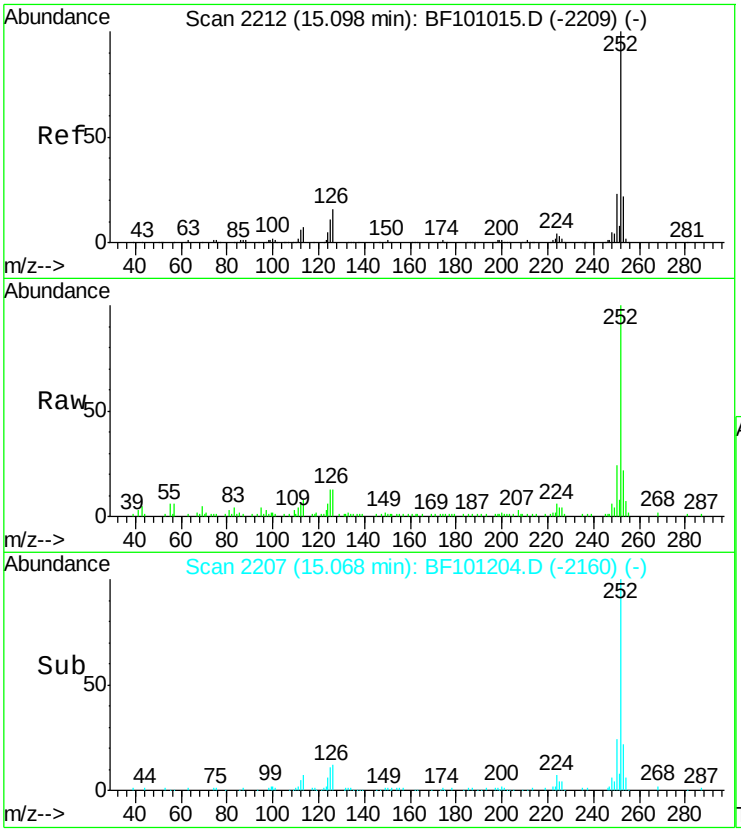


#87
Benzo(b)fluoranthene
Concen: 16.089 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF101204.D
Acq: 7 Dec 2017 14:48

Tgt Ion:252 Resp: 88922

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	12.5	9.0	13.6



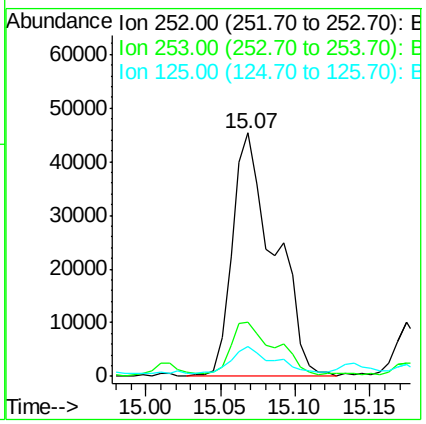


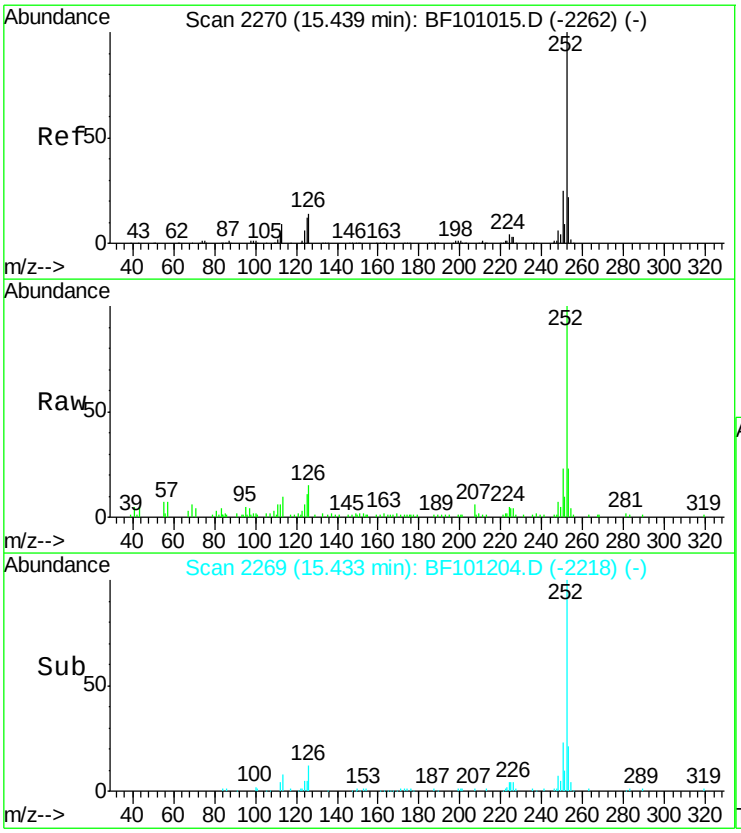
#88
Benzo(k)fluoranthene
Concen: 16.330 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BF101204.D
Acq: 7 Dec 2017 14:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 88922

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	12.5	10.2	15.2

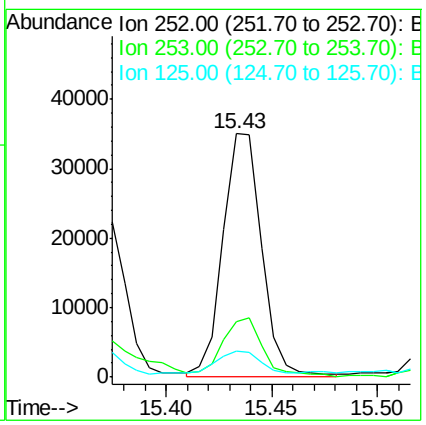


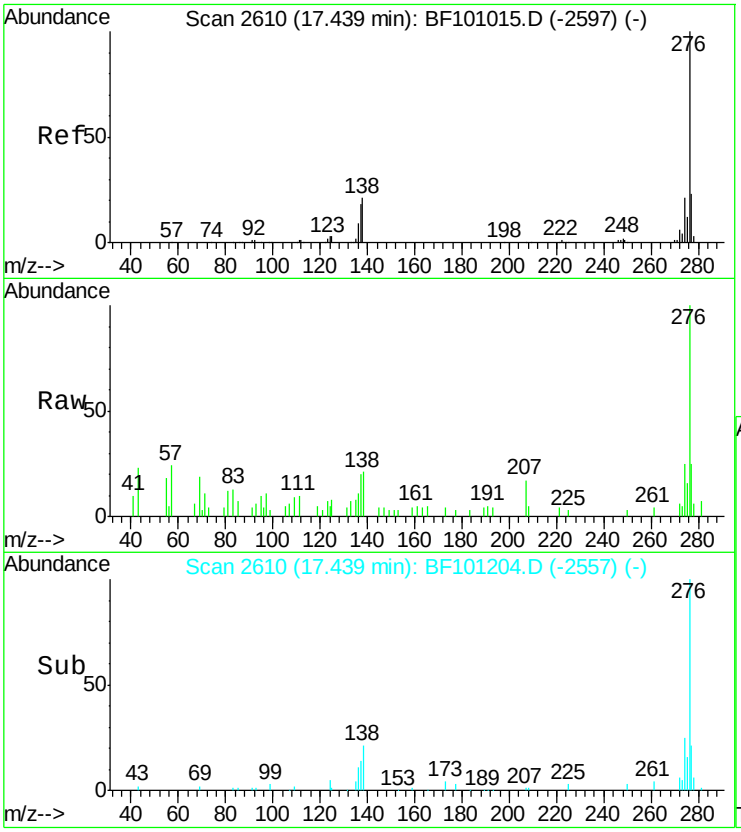


#89
Benzo(a)pyrene
Concen: 8.909 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF101204.D
Acq: 7 Dec 2017 14:48

Tgt Ion:252 Resp: 44764

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	10.8	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 5.274 ng
RT: 17.44 min Scan# 2610
Delta R.T. 0.01 min
Lab File: BF101204.D
Acq: 7 Dec 2017 14:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 22018

Ion	Ratio	Lower	Upper
276	100		
277	24.5	17.9	26.9
138	21.2	21.8	32.8#