Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101344.D
Acq On : 12 Dec 2017 21:47
Operator : SJ/JU
Sample : I6822-11 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 13 00:42:31 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	39215	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	142870	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	56552	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	101661	20.00	ng		0.00
75) Chrysene-d12	14.00	240	97727	20.00	ng		0.00
86) Perylene-d12	15.49	264	75519	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	56107	23.64	ng		0.00
7) Phenol-d6	6.46	99	68353	23.72	ng		0.00
23) Nitrobenzene-d5	7.39	82	39131	16.34	ng		-0.01
41) 2,4,6-Tribromophenol	10.66	330	13245	19.50	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	77895	18.85	ng		-0.01
78) Terphenyl-d14	12.94	244	69599	15.58	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	5123	2.640	ng	#	74
25) Isophorone	7.39	82	39131	9.565	ng	#	64
50) 2,6-Dinitrotoluene	9.86	165	7186	7.481	ng	#	24
56) 2,4-Dinitrotoluene	9.86	165	7186	5.582	ng	#	21
70) Phenanthrene	11.37	178	35182	6.284	ng		99
74) Fluoranthene	12.57	202	73781	11.889	ng		95
77) Pyrene	12.80	202	75656	11.219	ng		98
80) Benzo(a)anthracene	13.99	228	43274	7.013	ng		99
82) Chrysene	14.03	228	38360	6.694	ng		97
85) Indeno(1,2,3-cd)pyrene	16.97	276	17929	3.519	ng	#	89
87) Benzo(b)fluoranthene	15.05	252	57280	12.663	ng		95
88) Benzo(k)fluoranthene	15.05	252	57280	12.853	ng		98
89) Benzo(a)pyrene	15.42	252	30578	7.436	ng		99
91) Benzo(g,h,i)perylene	17.43	276	17982	5.263	ng	#	90

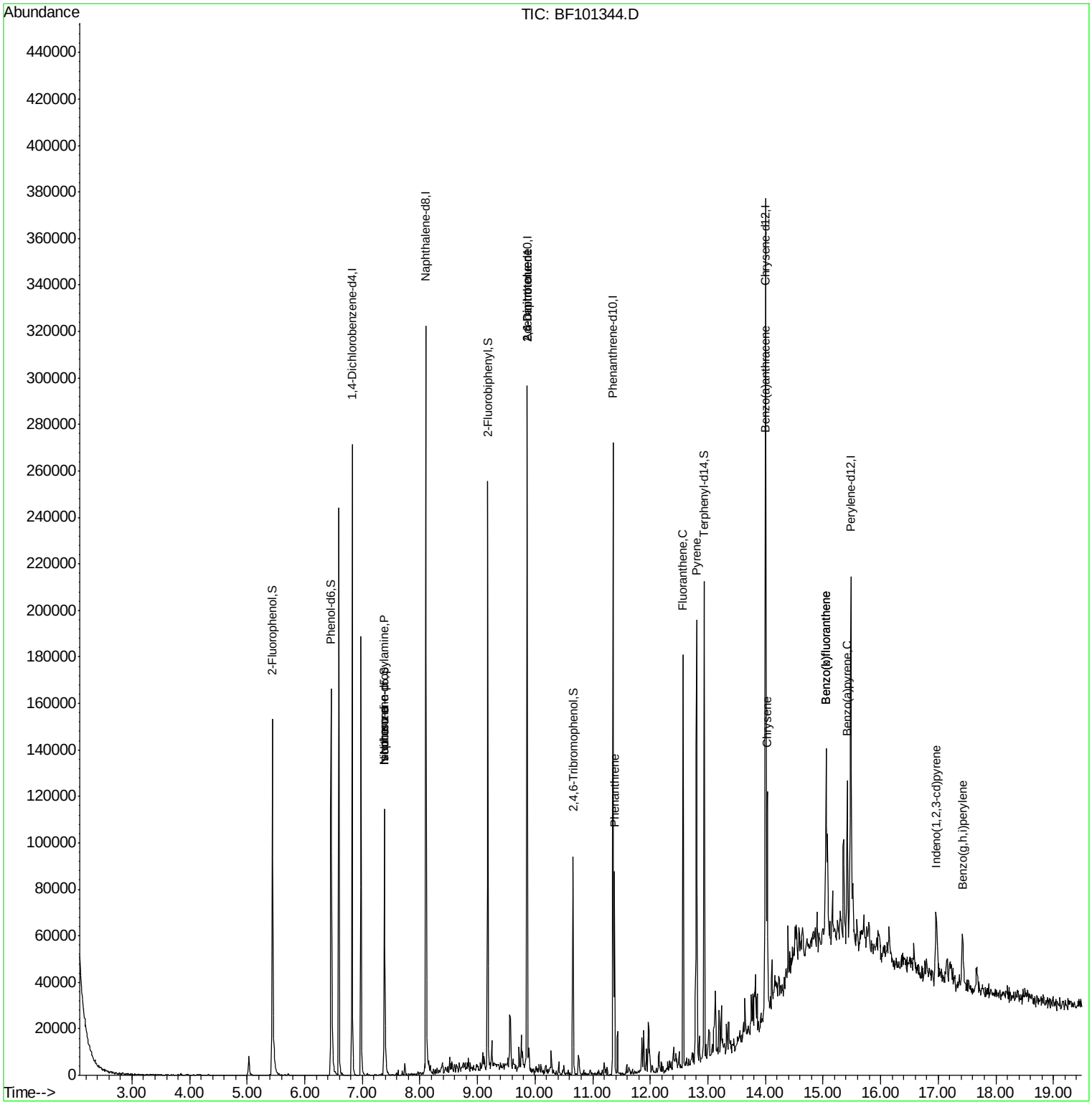
(#) = qualifier out of range (m) = manual integration (+) = signals summed

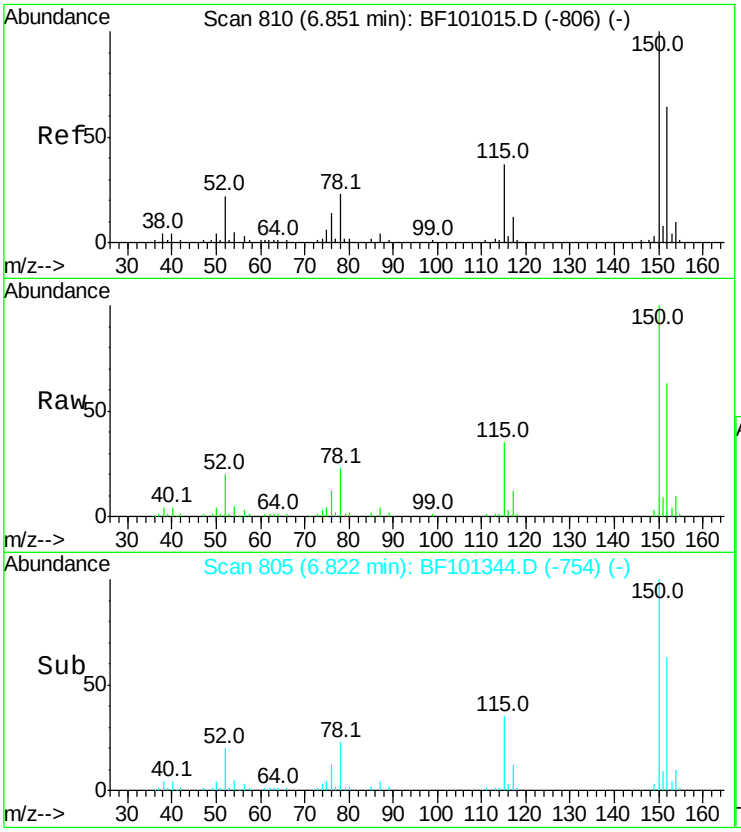
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101344.D
Acq On : 12 Dec 2017 21:47
Operator : SJ/JU
Sample : I6822-11 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 13 00:42:31 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration



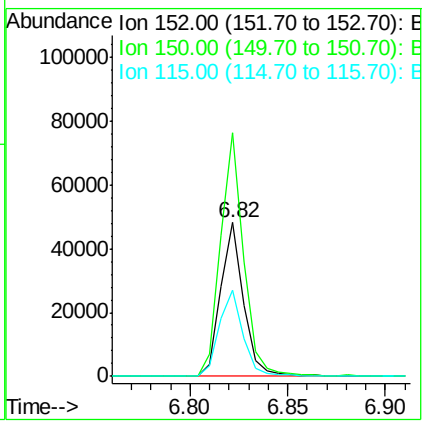


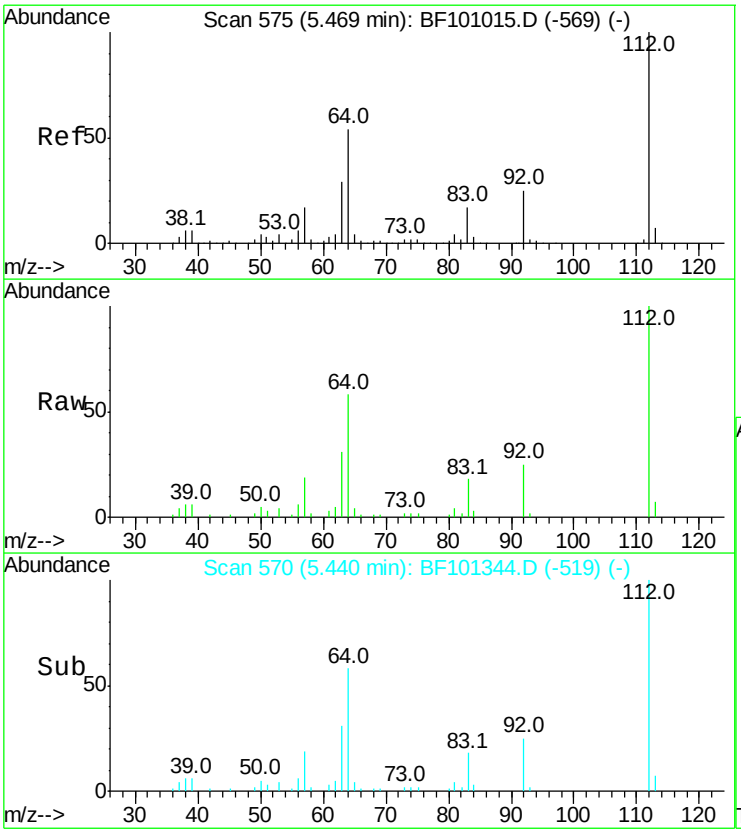
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF101344.D
Acq: 12 Dec 2017 21:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 39215

Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.6	186.8
115	56.2	50.1	75.1

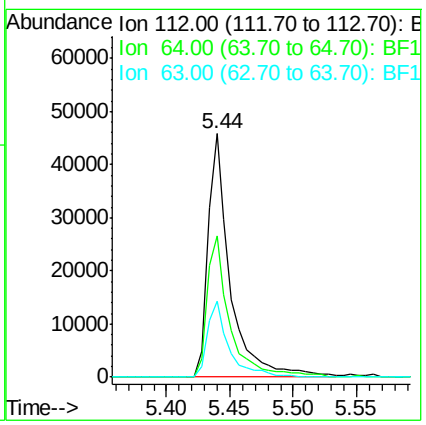


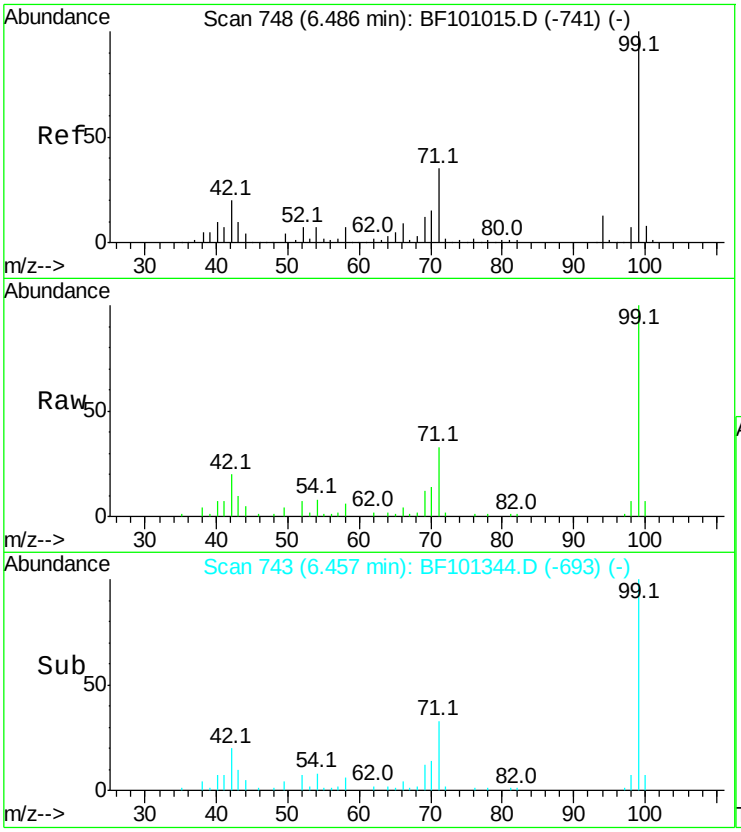


#5
2-Fluorophenol
Concen: 23.642 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF101344.D
Acq: 12 Dec 2017 21:47

Tgt Ion:112 Resp: 56107

Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.9	71.9
63	31.0	23.7	35.5



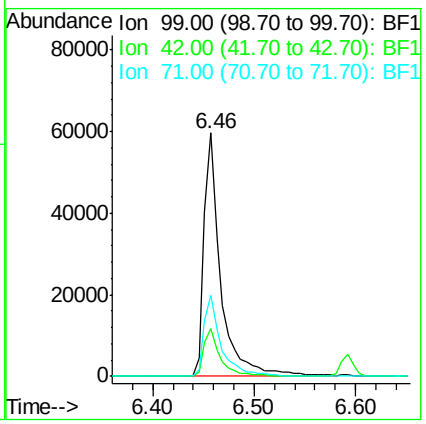


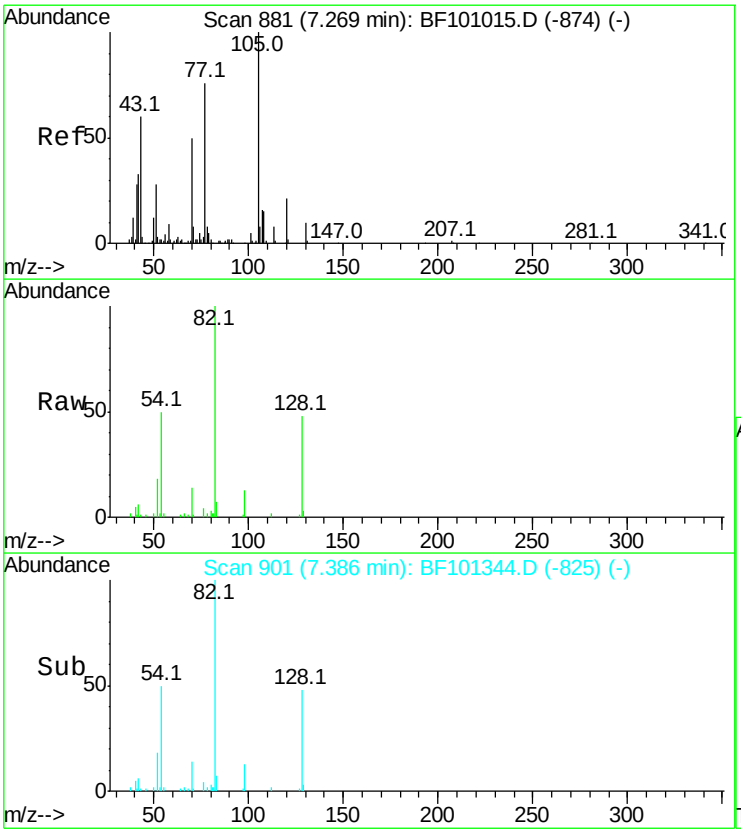
#7
Phenol-d6
Concen: 23.723 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF101344.D
Acq: 12 Dec 2017 21:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 68353

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	33.2	25.4	38.0

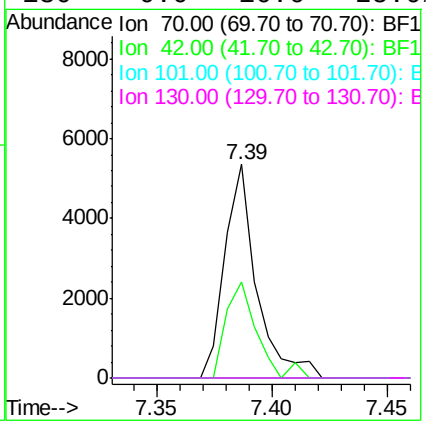


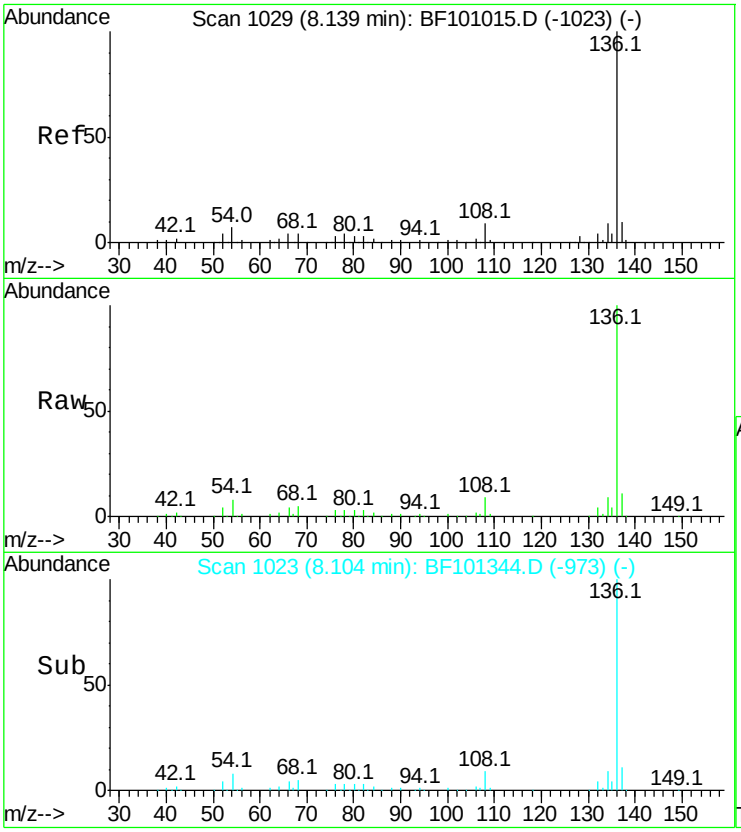


#19
n-Nitroso-di-n-propylamine
Concen: 2.640 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.15 min
Lab File: BF101344.D
Acq: 12 Dec 2017 21:47

Tgt Ion: 70 Resp: 5123

Ion	Ratio	Lower	Upper
70	100		
42	45.2	47.5	71.3#
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#



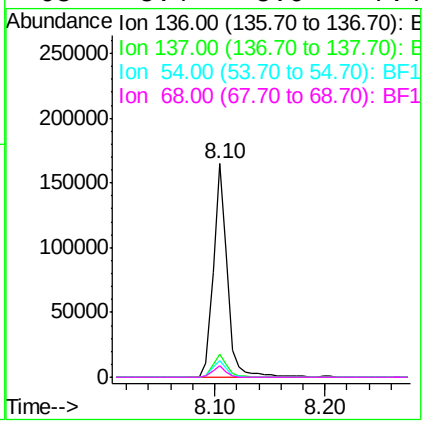


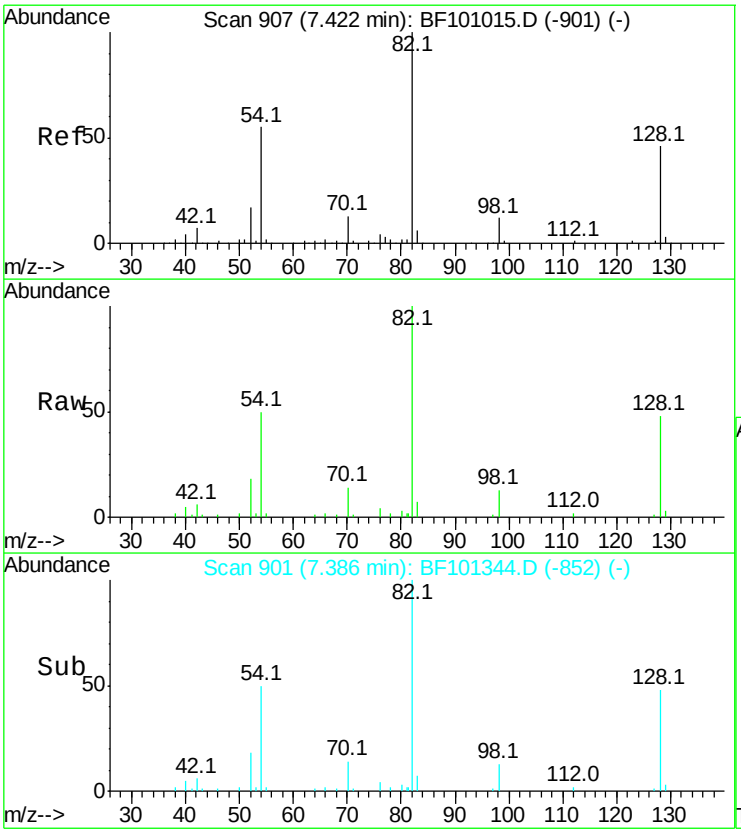
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF101344.D
Acq: 12 Dec 2017 21:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 142870

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.8	6.6	9.8
68	5.4	5.0	7.4

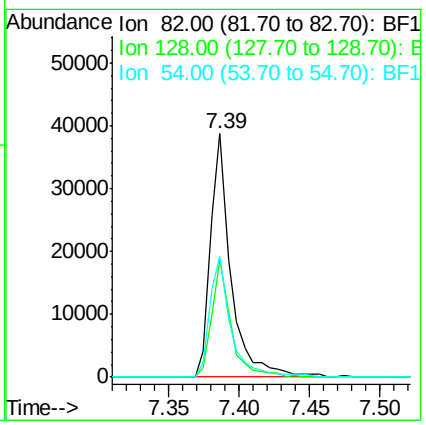


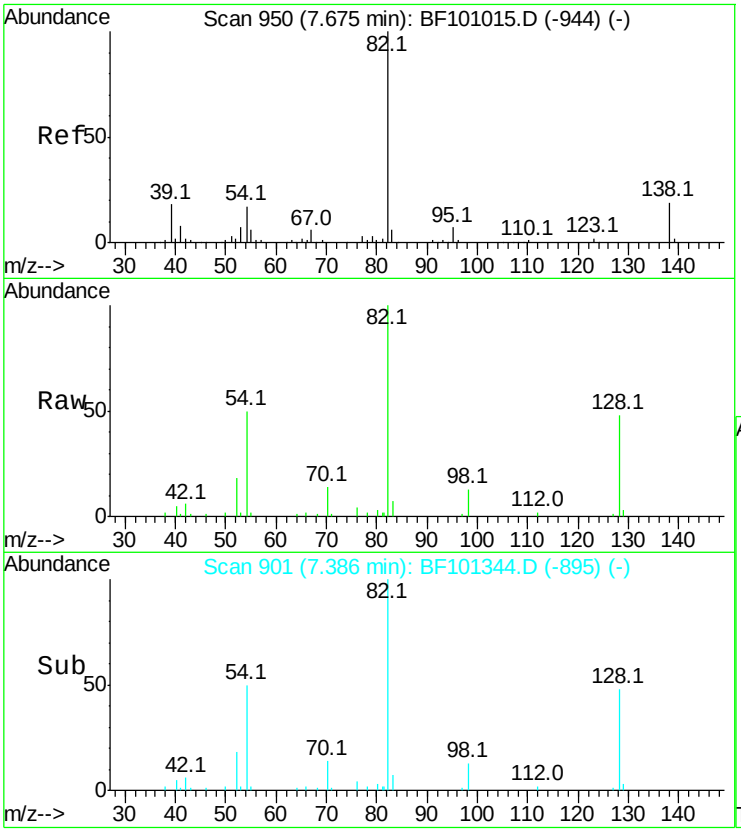


#23
Nitrobenzene-d5
Concen: 16.339 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF101344.D
Acq: 12 Dec 2017 21:47

Tgt Ion: 82 Resp: 39131

Ion	Ratio	Lower	Upper
82	100		
128	48.0	36.1	54.1
54	49.8	41.4	62.2



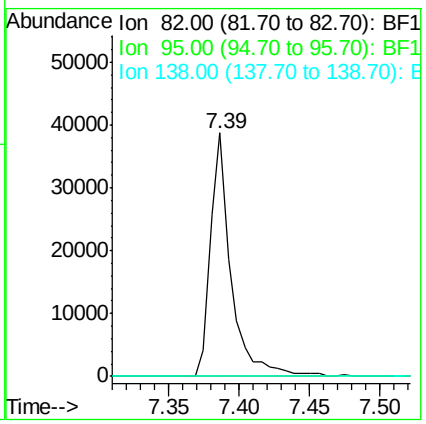


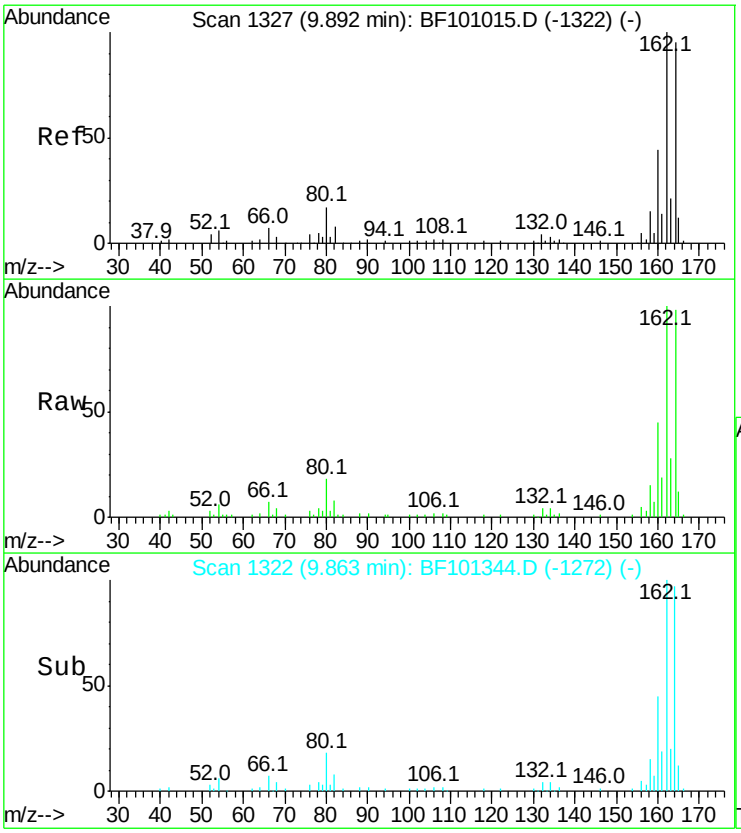
#25
Isophorone
Concen: 9.565 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.26 min
Lab File: BF101344.D
Acq: 12 Dec 2017 21:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 39131

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

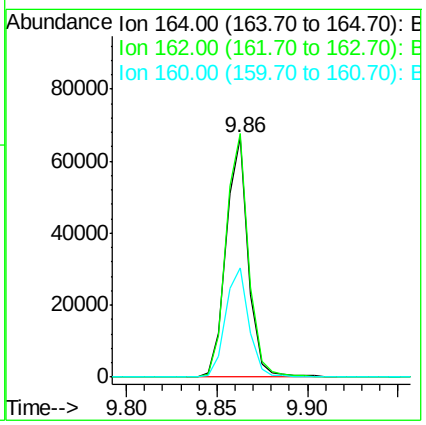


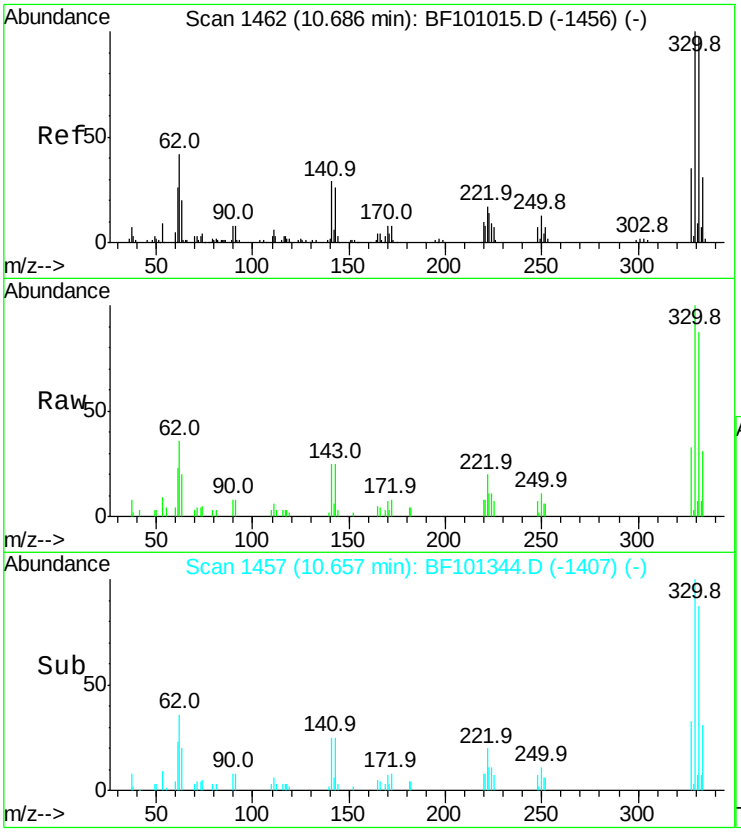


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF101344.D
Acq: 12 Dec 2017 21:47

Tgt Ion:164 Resp: 56552

Ion	Ratio	Lower	Upper
164	100		
162	101.7	86.1	129.1
160	45.7	38.3	57.5



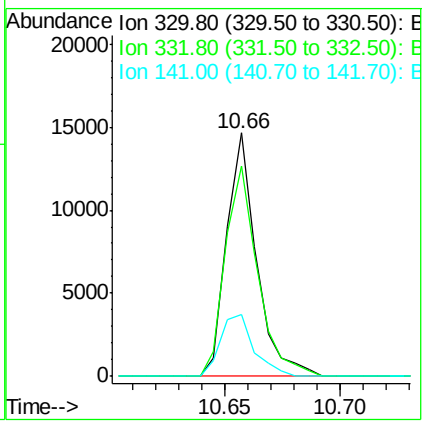


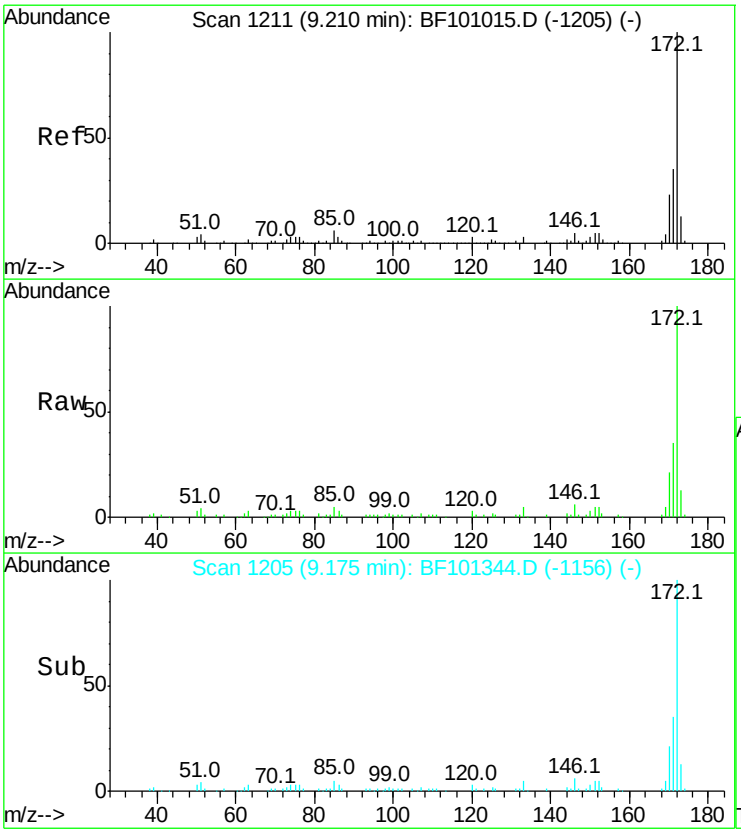
#41
2,4,6-Tribromophenol
Concen: 19.497 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF101344.D
Acq: 12 Dec 2017 21:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 13245

Ion	Ratio	Lower	Upper
330	100		
332	93.5	77.0	115.6
141	28.4	29.9	44.9#

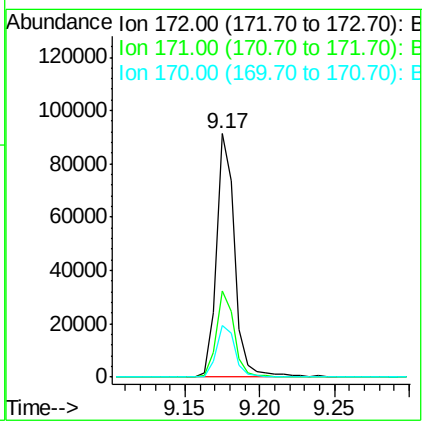


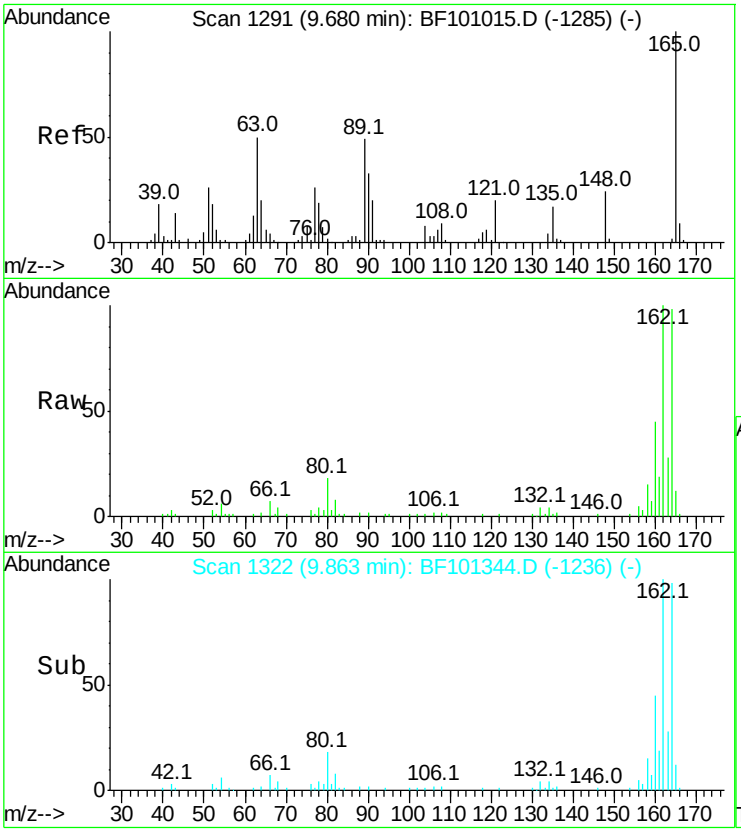


#44
2-Fluorobiphenyl
Concen: 18.846 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF101344.D
Acq: 12 Dec 2017 21:47

Tgt Ion:172 Resp: 77895

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	21.1	19.6	29.4



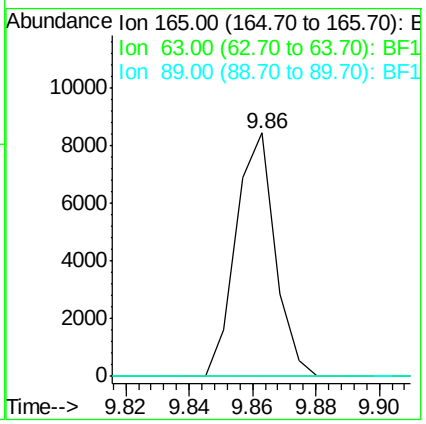


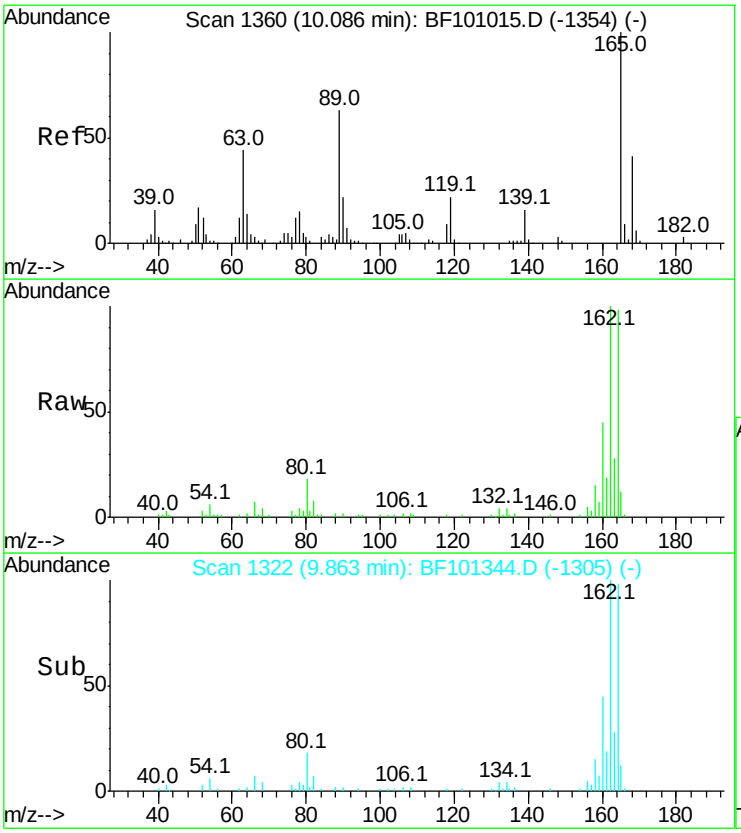
#50
2,6-Dinitrotoluene
Concen: 7.481 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.21 min
Lab File: BF101344.D
Acq: 12 Dec 2017 21:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 7186

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

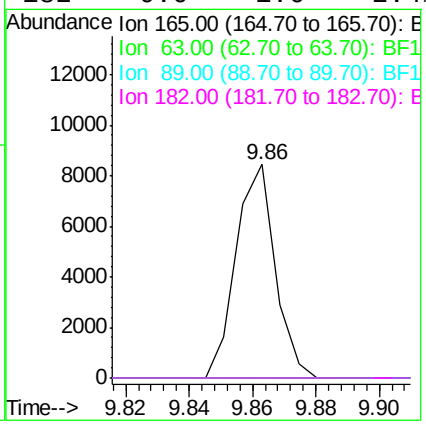


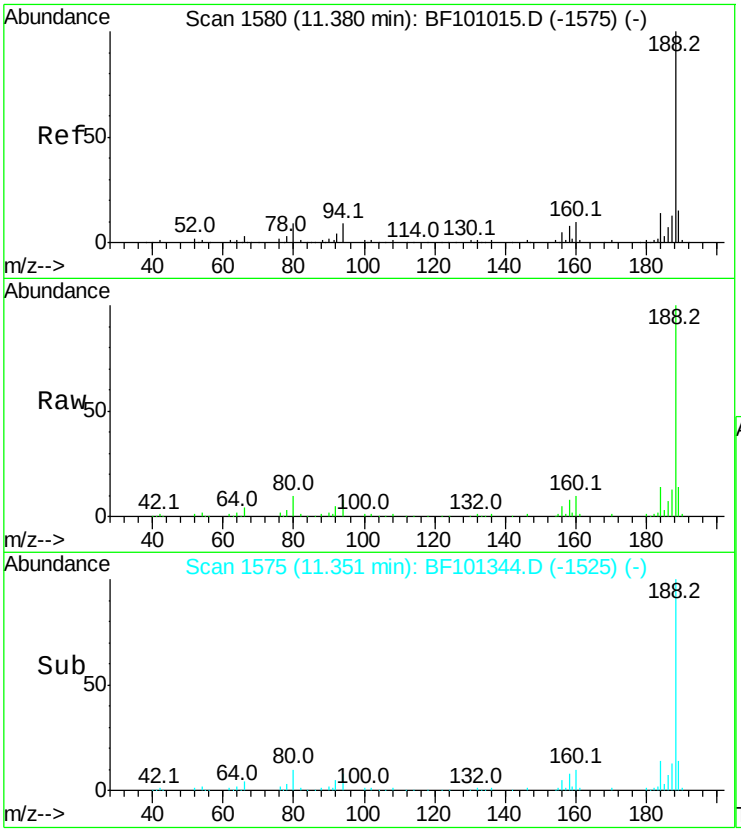


#56
2,4-Dinitrotoluene
Concen: 5.582 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.20 min
Lab File: BF101344.D
Acq: 12 Dec 2017 21:47

Tgt Ion:165 Resp: 7186

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#



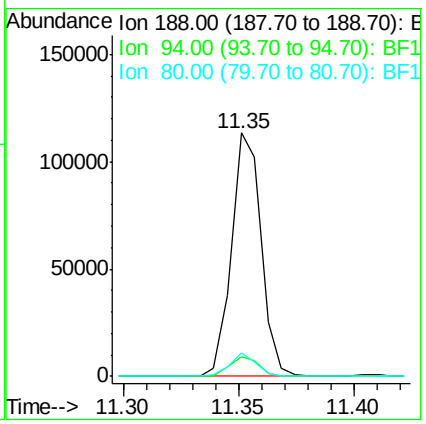


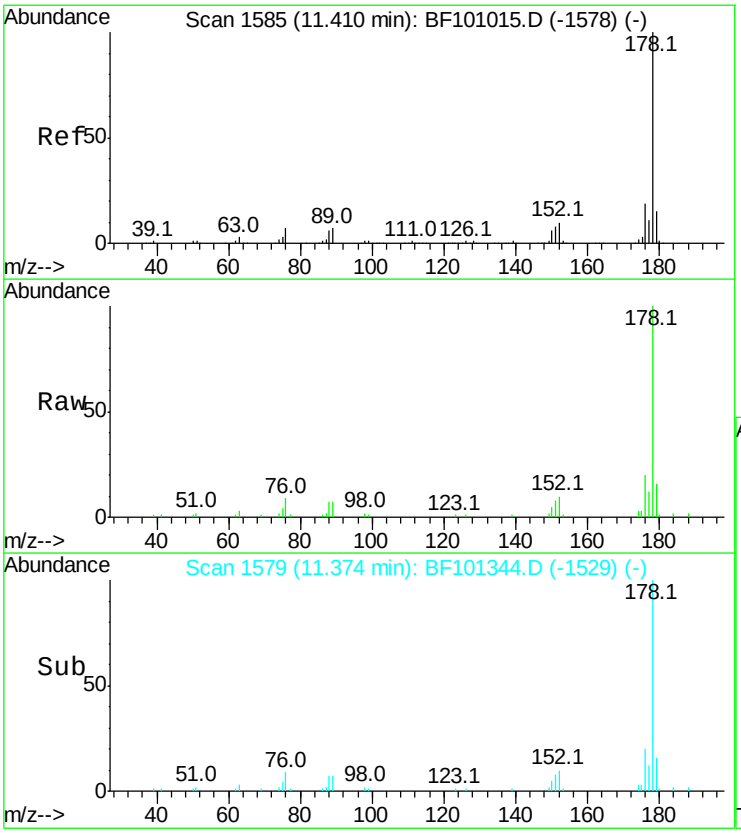
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF101344.D
Acq: 12 Dec 2017 21:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 101661

Ion	Ratio	Lower	Upper
188	100		
94	7.8	8.5	12.7#
80	9.7	9.2	13.8

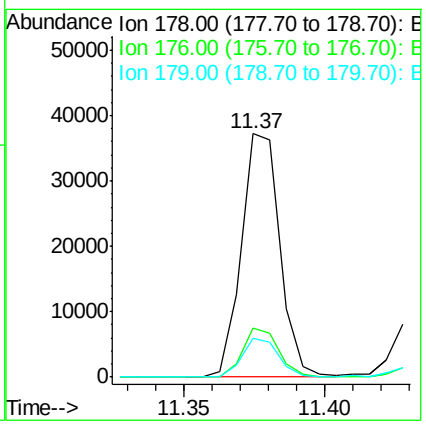


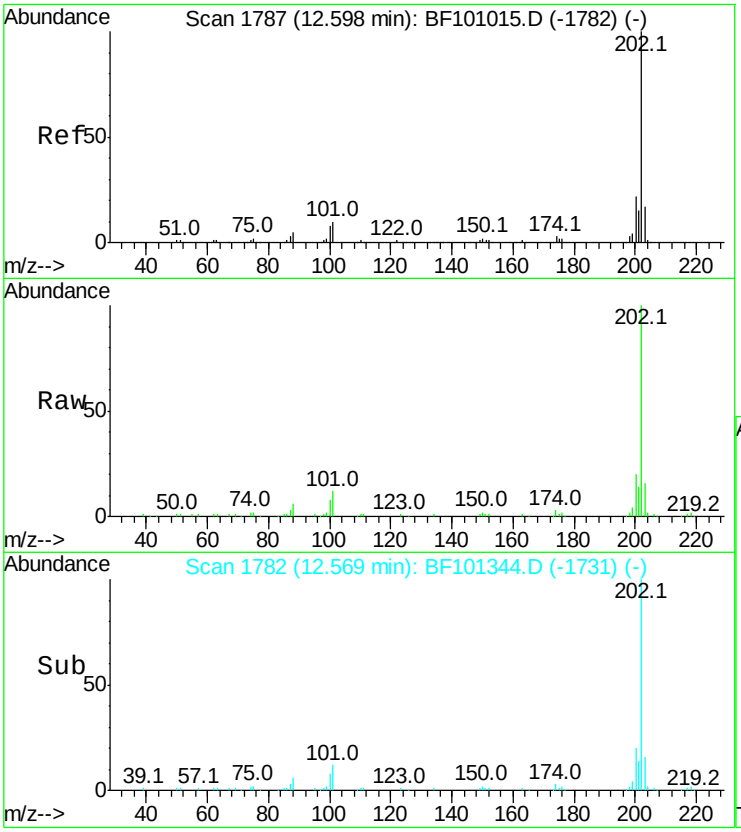


#70
Phenanthrene
Concen: 6.284 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF101344.D
Acq: 12 Dec 2017 21:47

Tgt Ion:178 Resp: 35182

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.8	13.0	19.6



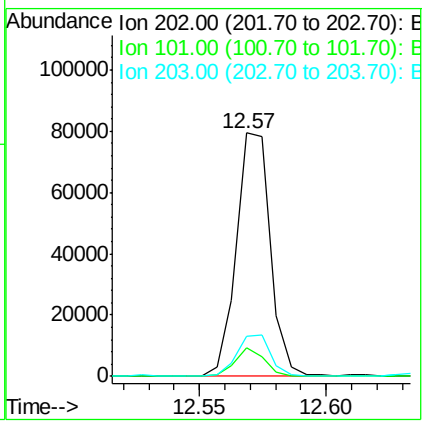


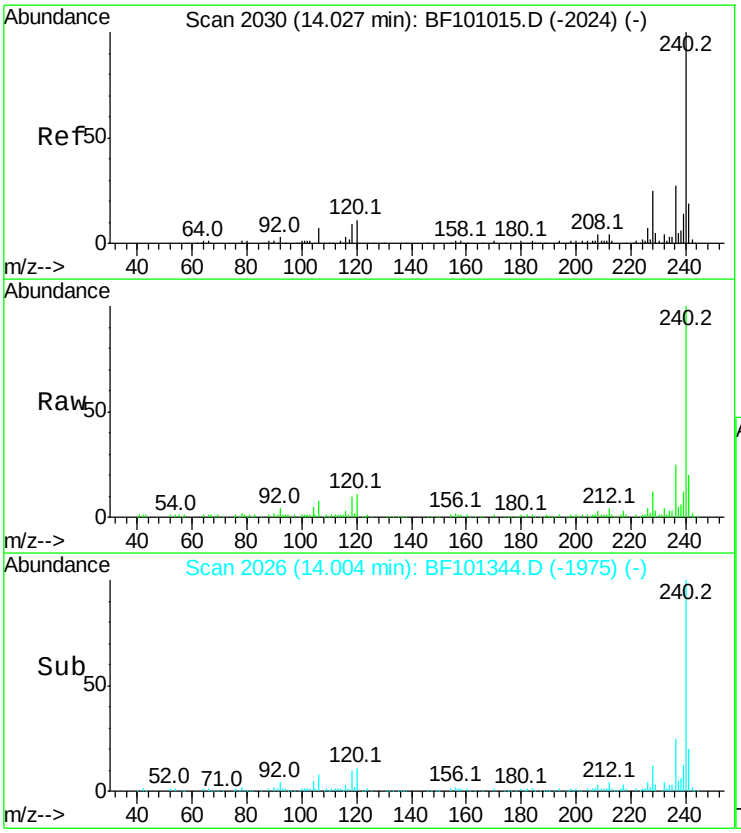
#74
Fluoranthene
Concen: 11.889 ng
RT: 12.57 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BF101344.D
Acq: 12 Dec 2017 21:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 73781

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	34.1
203	16.3	0.0	38.1

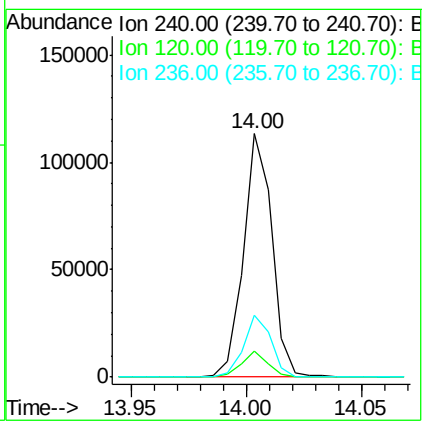


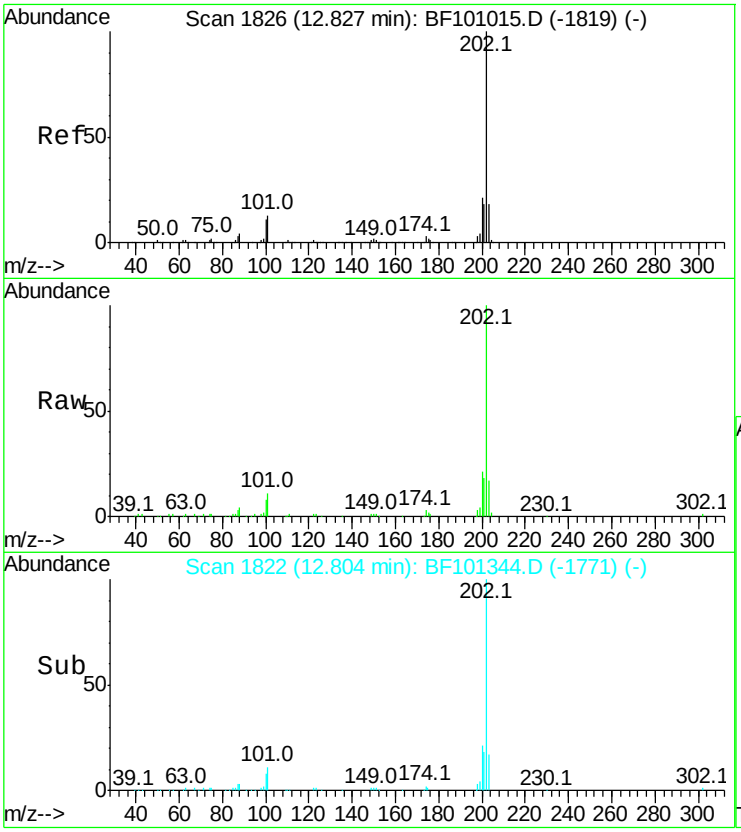


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BF101344.D
Acq: 12 Dec 2017 21:47

Tgt Ion:240 Resp: 97727

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.5	14.3
236	25.5	20.7	31.1



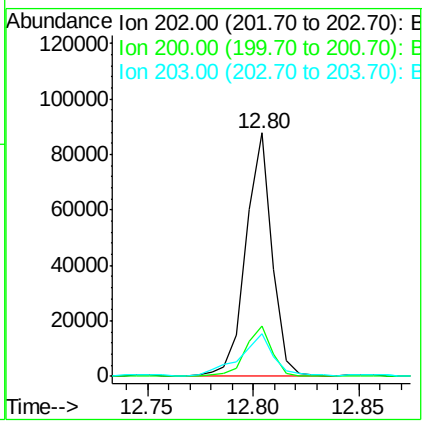


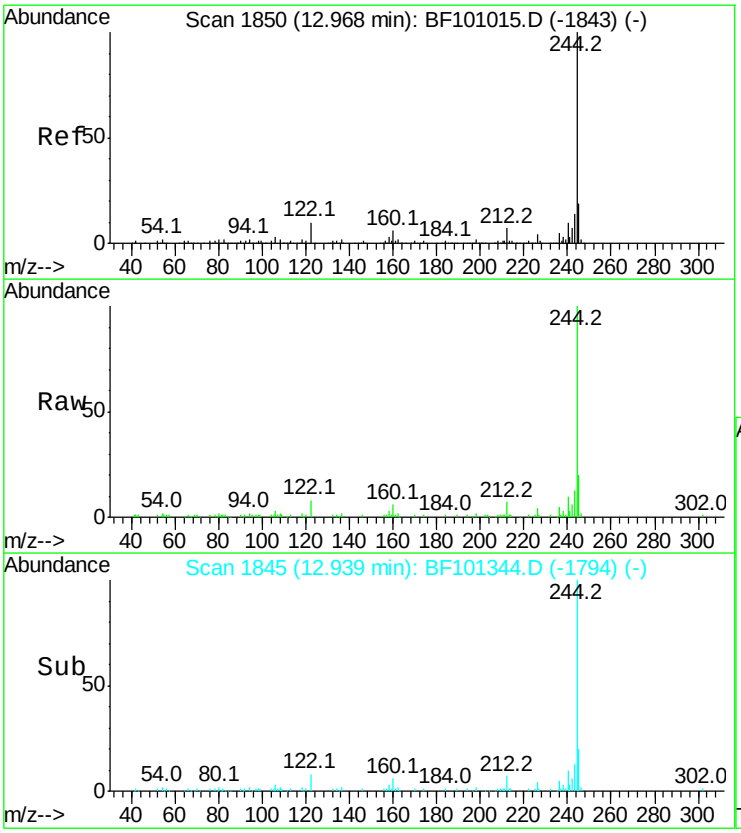
#77
Pyrene
Concen: 11.219 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BF101344.D
Acq: 12 Dec 2017 21:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 75656

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	17.5	14.3	21.5

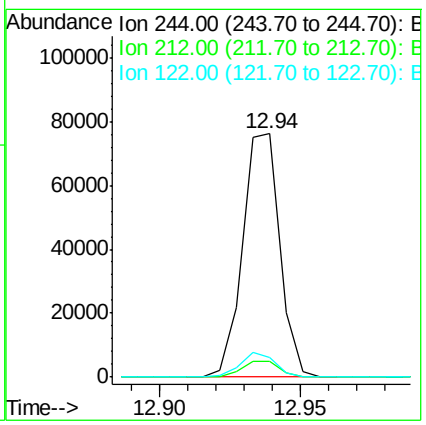


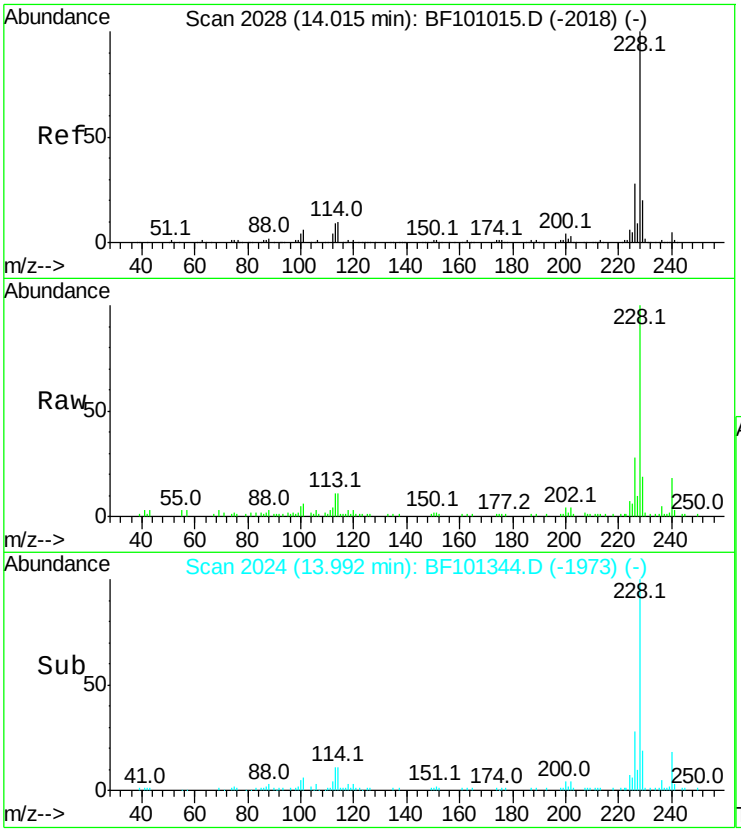


#78
Terphenyl-d14
Concen: 15.577 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BF101344.D
Acq: 12 Dec 2017 21:47

Tgt Ion:244 Resp: 69599

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	8.0	11.0	16.4#



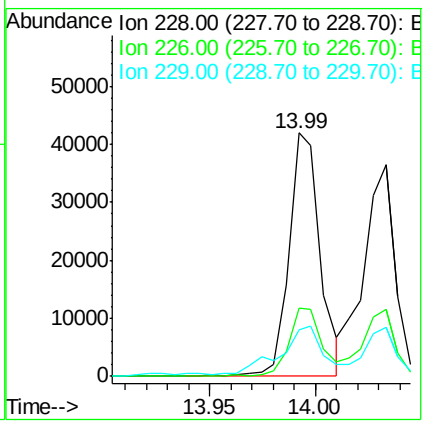


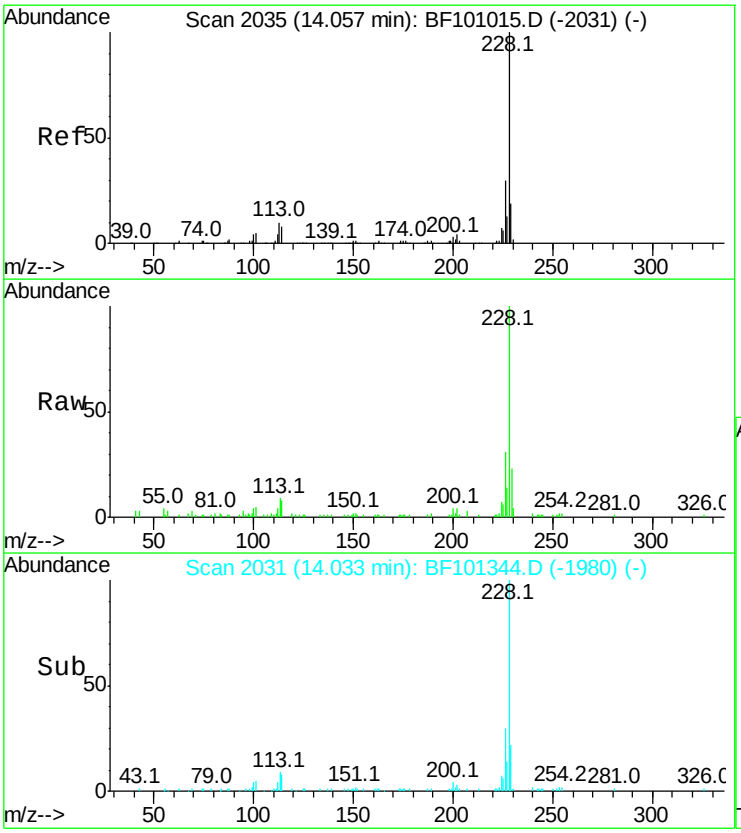
#80
Benzo(a)anthracene
Concen: 7.013 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF101344.D
Acq: 12 Dec 2017 21:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 43274

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	19.1	15.8	23.6

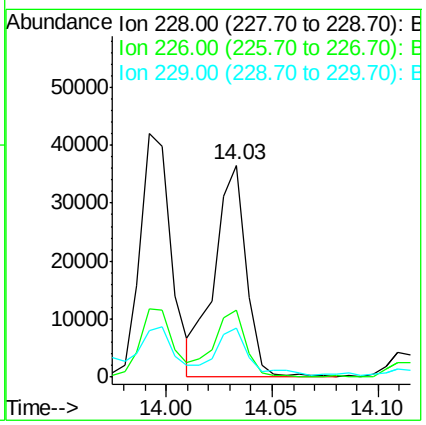


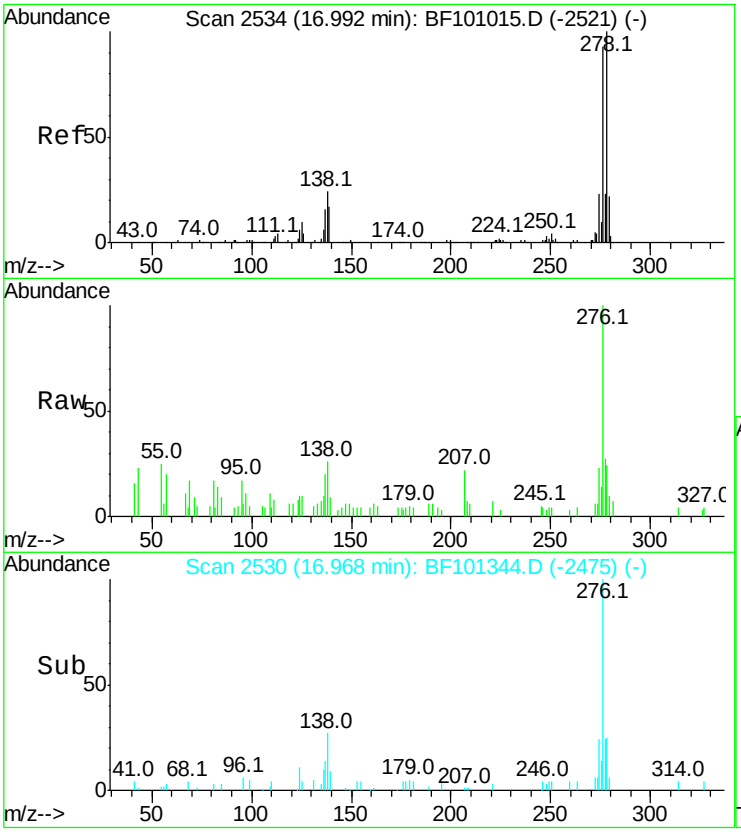


#82
Chrysene
Concen: 6.694 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BF101344.D
Acq: 12 Dec 2017 21:47

Tgt Ion:228 Resp: 38360

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	23.5	16.2	24.4



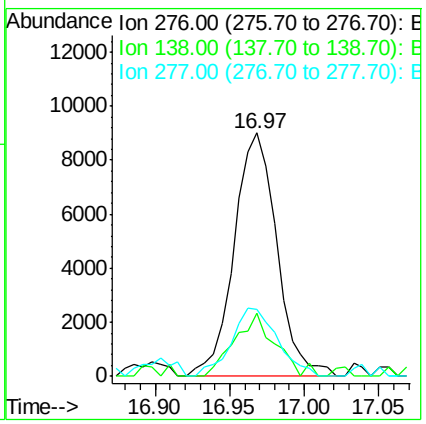


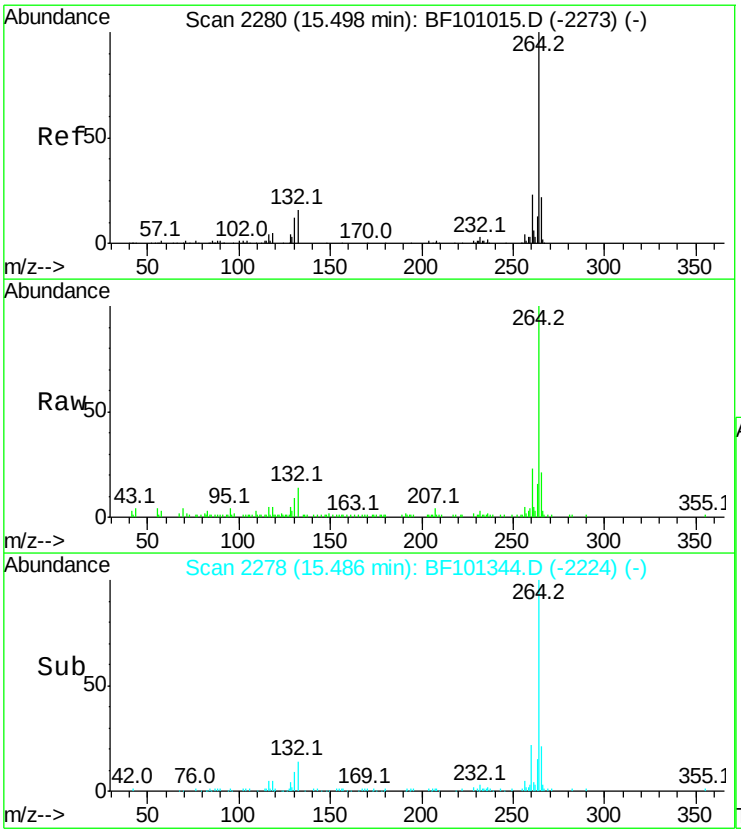
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.519 ng
RT: 16.97 min Scan# 2530
Delta R.T. 0.02 min
Lab File: BF101344.D
Acq: 12 Dec 2017 21:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 17929

Ion	Ratio	Lower	Upper
276	100		
138	24.9	25.0	37.6#
277	30.3	20.1	30.1#

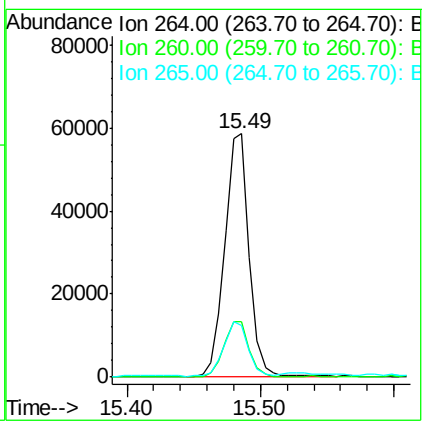


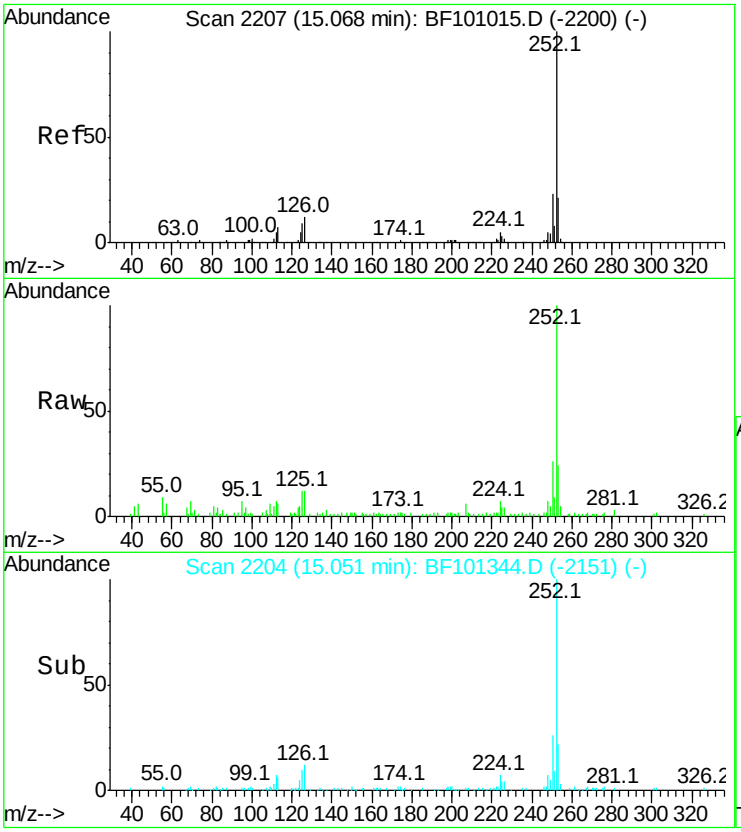


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF101344.D
Acq: 12 Dec 2017 21:47

Tgt Ion:264 Resp: 75519

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.5	17.5	26.3



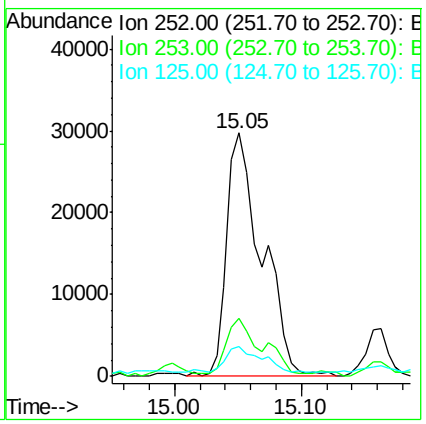


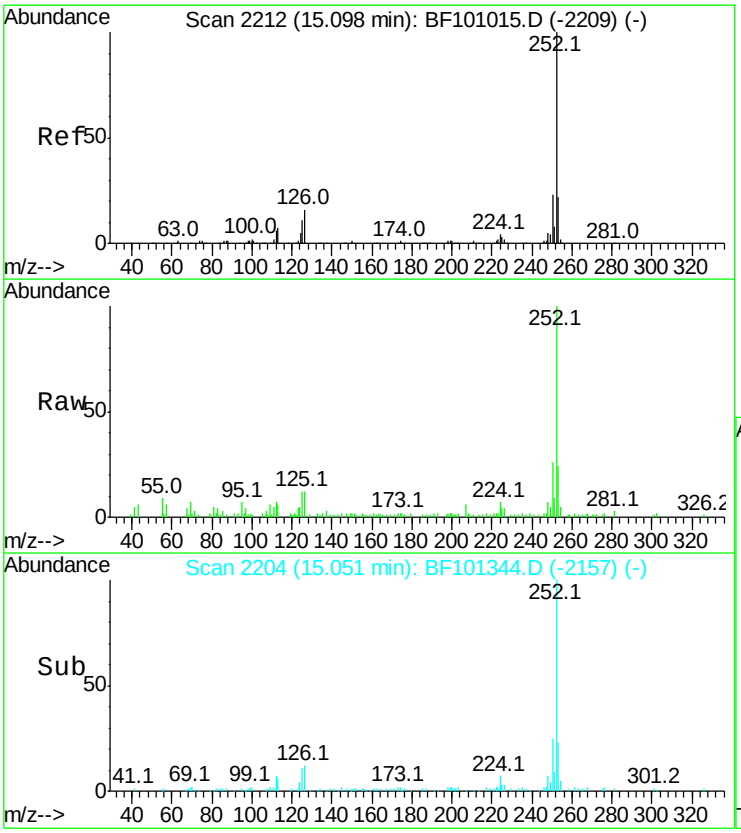
#87
Benzo(b)fluoranthene
Concen: 12.663 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.01 min
Lab File: BF101344.D
Acq: 12 Dec 2017 21:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 57280

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.0	25.6
125	12.4	9.0	13.6

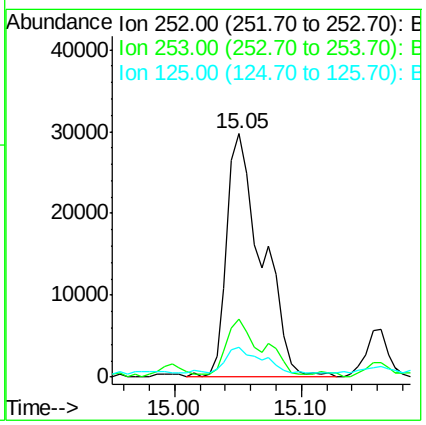


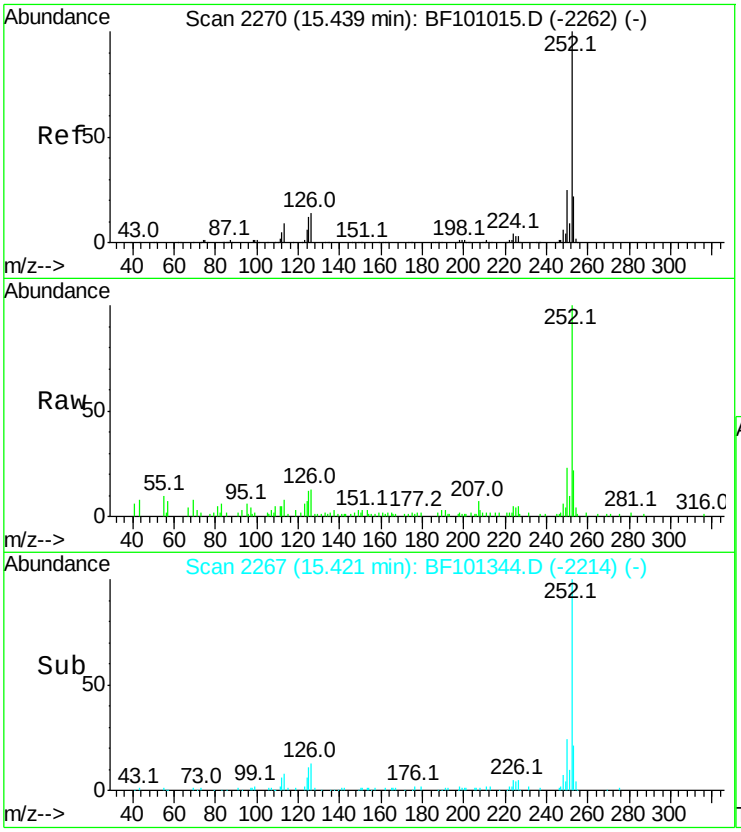


#88
Benzo(k)fluoranthene
Concen: 12.853 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.02 min
Lab File: BF101344.D
Acq: 12 Dec 2017 21:47

Tgt Ion:252 Resp: 57280

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.9	26.9
125	12.4	10.2	15.2



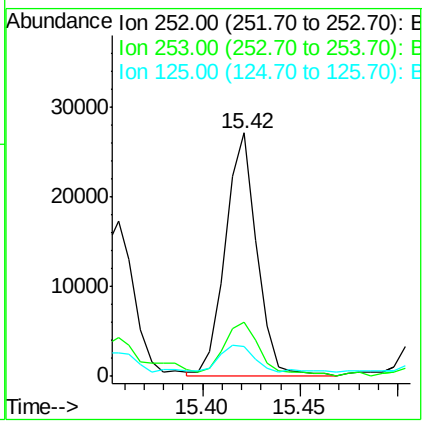


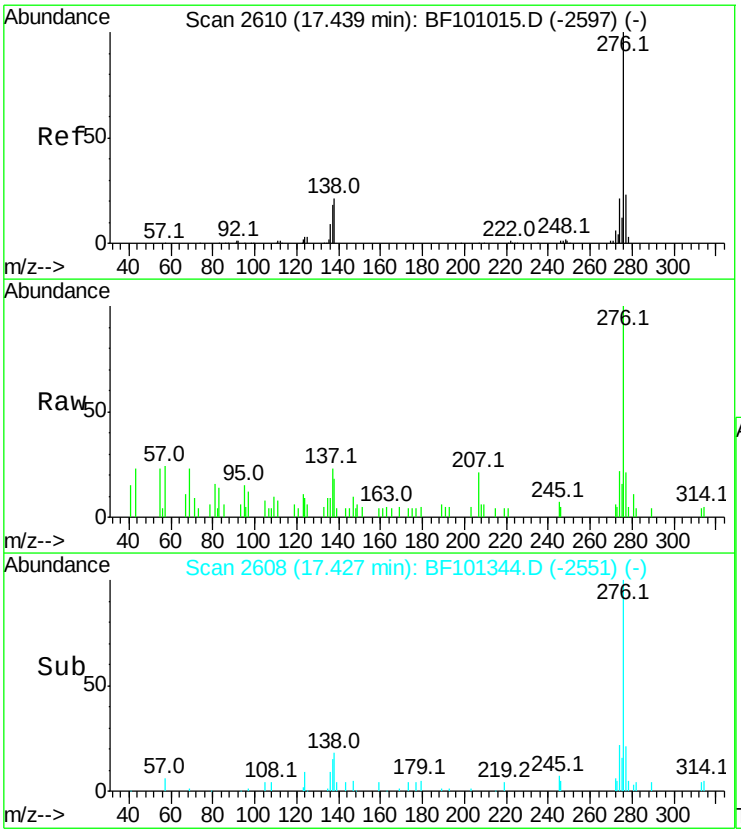
#89
Benzo(a)pyrene
Concen: 7.436 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.01 min
Lab File: BF101344.D
Acq: 12 Dec 2017 21:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 30578

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	12.2	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 5.263 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.04 min
Lab File: BF101344.D
Acq: 12 Dec 2017 21:47

Tgt Ion:276 Resp: 17982

Ion	Ratio	Lower	Upper
276	100		
277	21.4	17.9	26.9
138	18.4	21.8	32.8#