Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120717\
Data File : BF101217.D
Acq On : 7 Dec 2017 20:40
Operator : SJ/JU
Sample : I6615-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 07 23:47:24 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	44542	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	160244	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	65127	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	112053	20.00	ng		0.00
75) Chrysene-d12	14.02	240	92476	20.00	ng		0.00
86) Perylene-d12	15.50	264	72949	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	305336	113.28	ng		0.00
7) Phenol-d6	6.49	99	359355	109.81	ng		0.00
23) Nitrobenzene-d5	7.41	82	199172	74.14	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	74337	95.02	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	410863	86.31	ng		-0.01
78) Terphenyl-d14	12.96	244	342711	81.06	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.49	94	13977	3.841	ng	#	56
19) n-Nitroso-di-n-propylamine	7.41	70	26497	12.022	ng	#	79
25) Isophorone	7.41	82	199169	43.407	ng	#	64
49) Dimethylphthalate	9.59	163	18727	3.565	ng	#	95
50) 2,6-Dinitrotoluene	9.88	165	8329	7.529	ng	#	24
56) 2,4-Dinitrotoluene	9.88	165	8329	5.618	ng	#	21
66) 4-Bromophenyl-phenylether	10.67	248	4658	3.714	ng	#	1
70) Phenanthrene	11.40	178	40635	6.585	ng		97
74) Fluoranthene	12.59	202	68965	10.082	ng		93
77) Pyrene	12.82	202	67667	10.604	ng		100
80) Benzo(a)anthracene	14.01	228	31619	5.415	ng		96
82) Chrysene	14.05	228	28237	5.207	ng		99
83) Bis(2-ethylhexyl)phthalate	13.98	149	8550	2.131	ng	#	93
87) Benzo(b)fluoranthene	15.07	252	39877	9.126	ng		96
88) Benzo(k)fluoranthene	15.07	252	39877	9.263	ng		99
89) Benzo(a)pyrene	15.44	252	22263	5.604	ng		95
91) Benzo(g,h,i)perylene	17.44	276	14028	4.250	ng	#	85

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120717\
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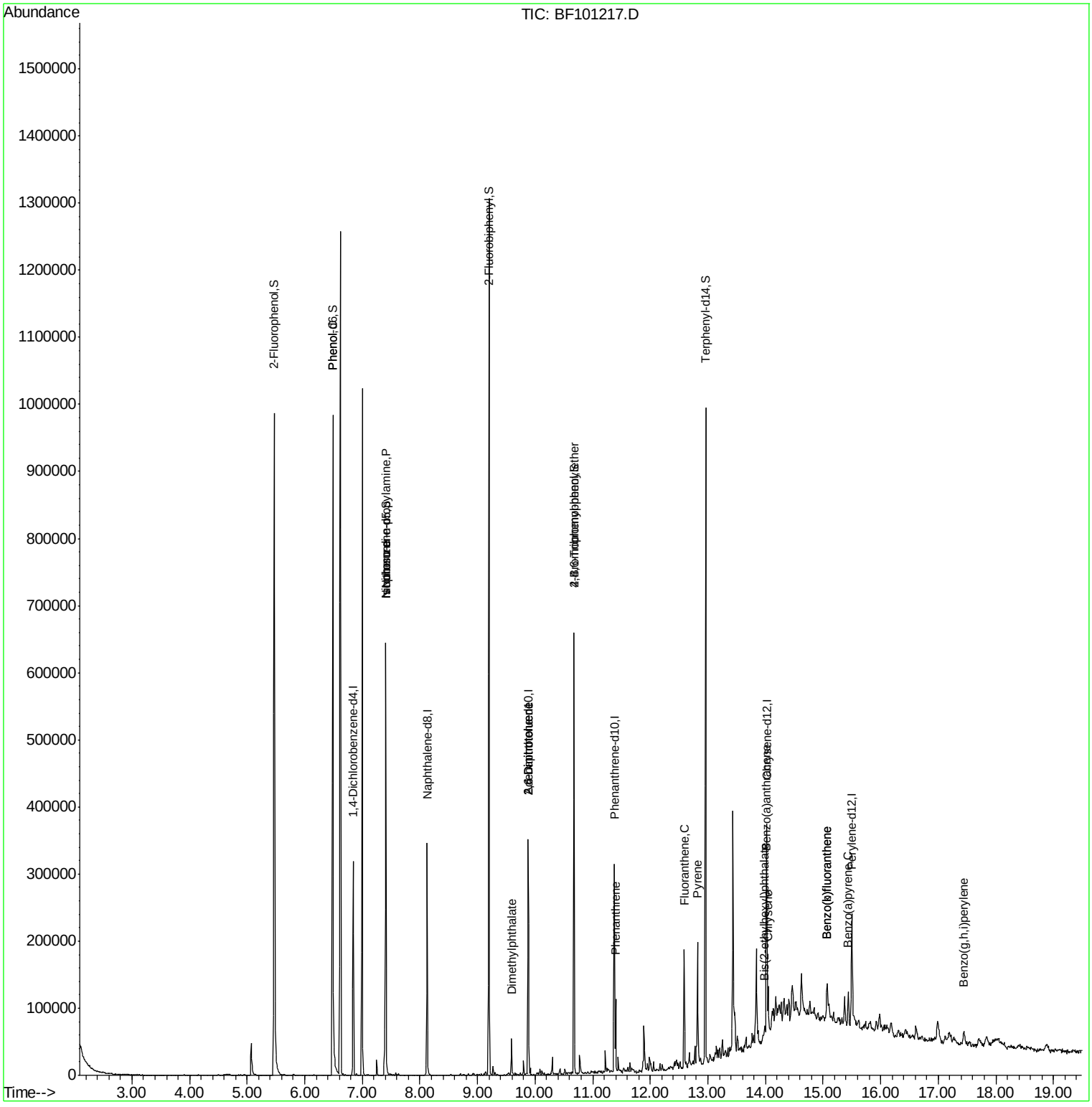
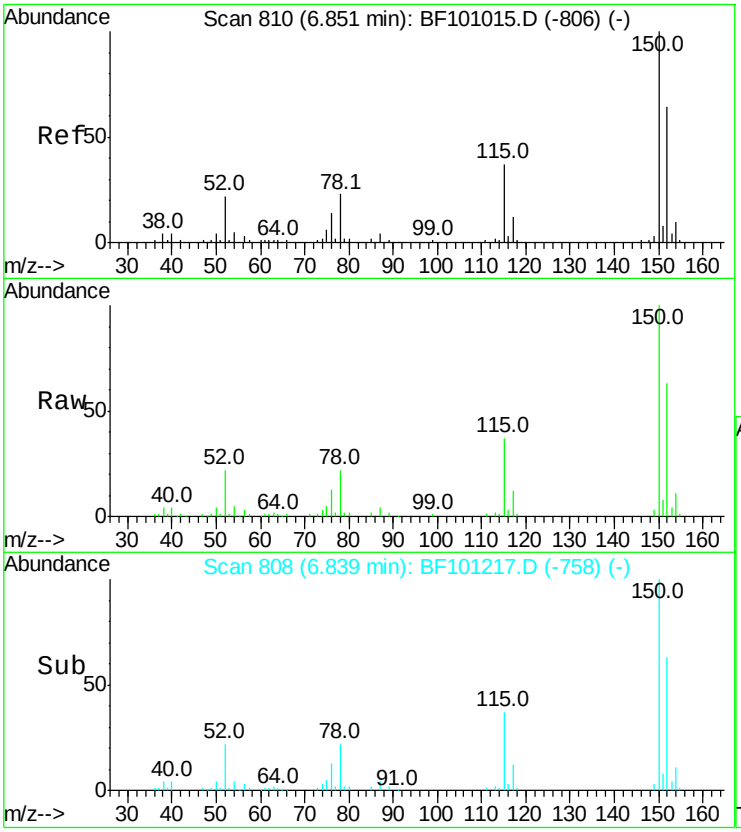


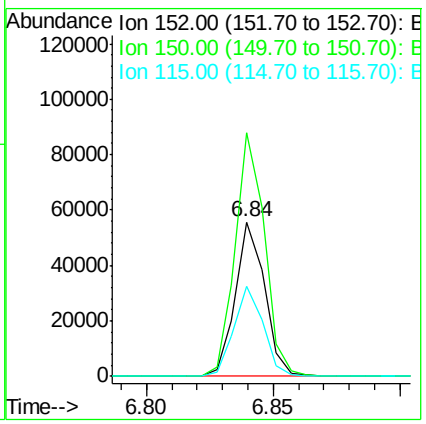


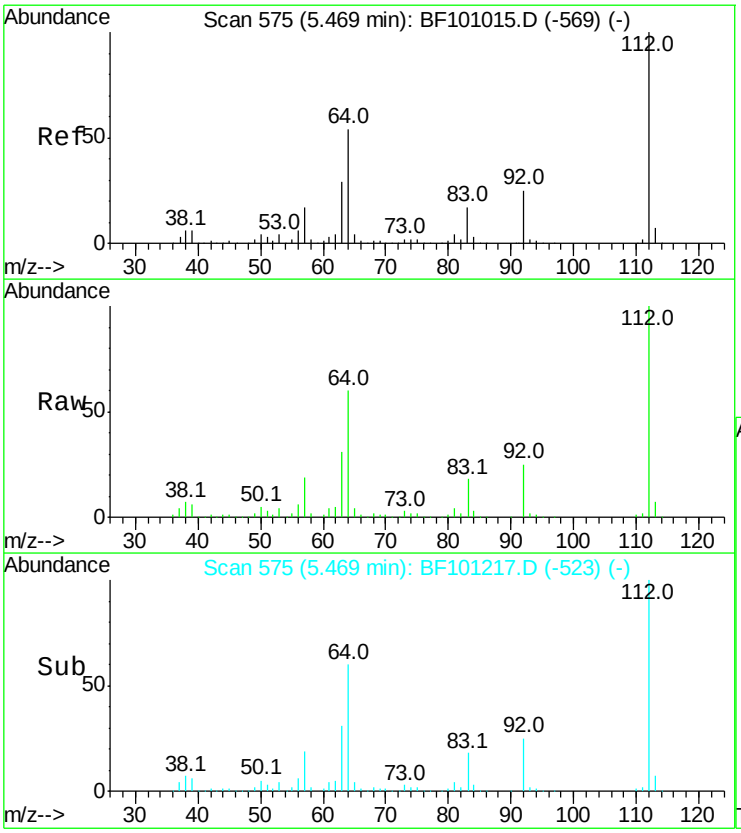
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF101217.D
Acq: 7 Dec 2017 20:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 44542

Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.6	186.8
115	58.4	50.1	75.1

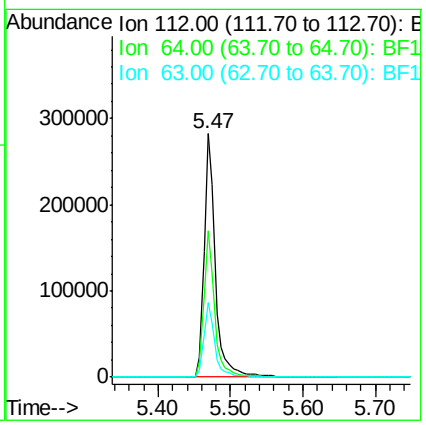


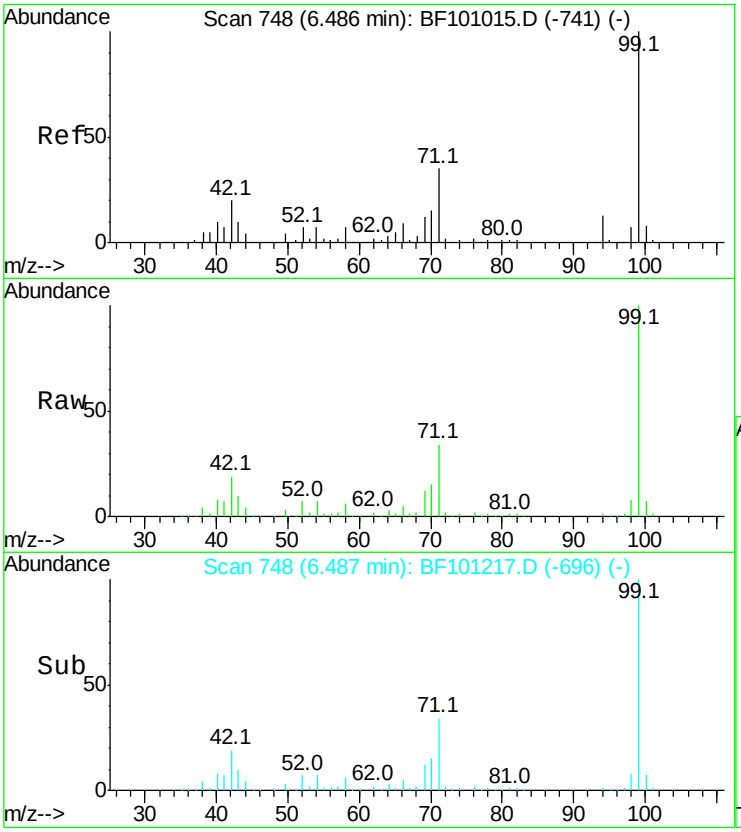


#5
2-Fluorophenol
Concen: 113.275 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101217.D
Acq: 7 Dec 2017 20:40

Tgt Ion:112 Resp: 305336

Ion	Ratio	Lower	Upper
112	100		
64	60.4	47.9	71.9
63	30.9	23.7	35.5



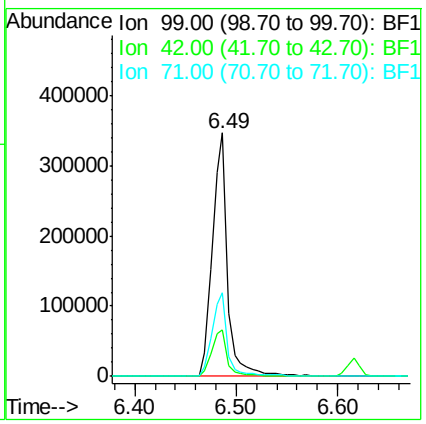


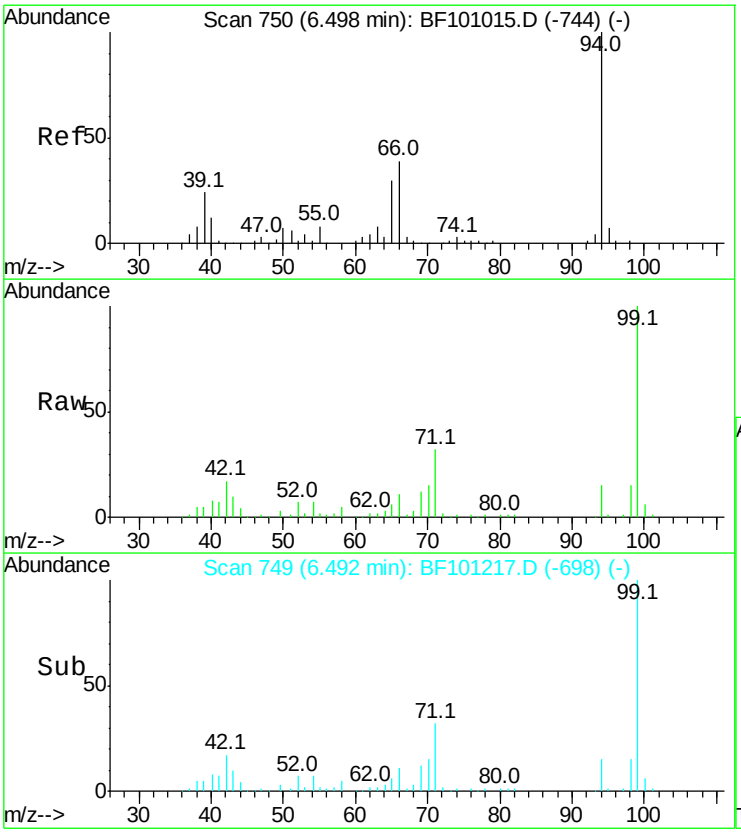
#7
Phenol-d6
Concen: 109.806 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF101217.D
Acq: 7 Dec 2017 20:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 359355

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.5	21.7
71	34.4	25.4	38.0

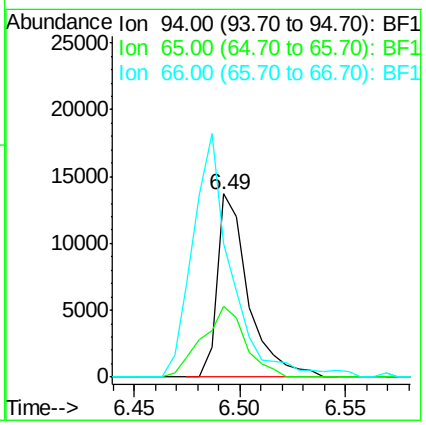


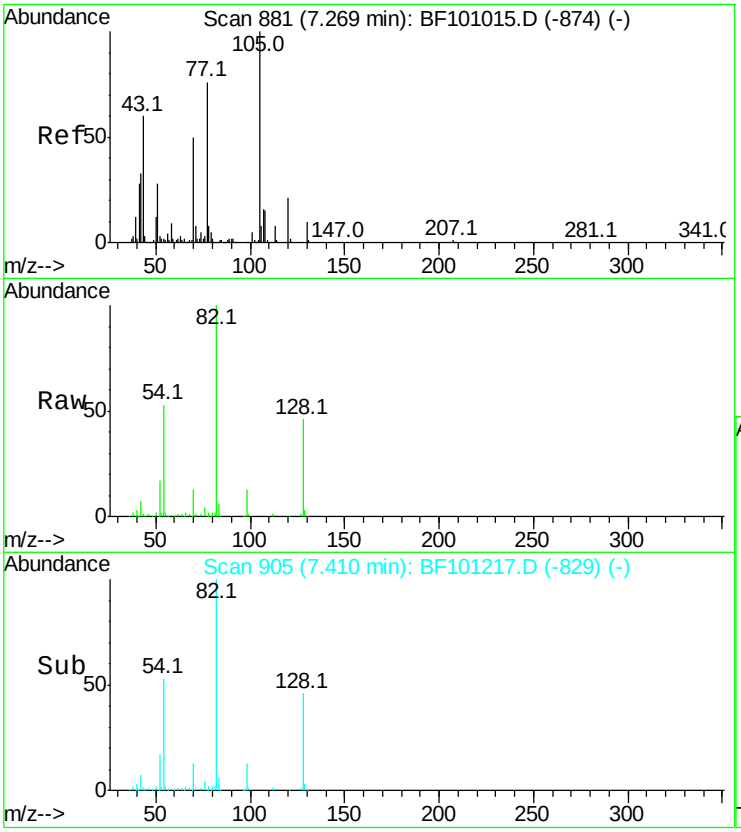


#10
Phenol
Concen: 3.841 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF101217.D
Acq: 7 Dec 2017 20:40

Tgt Ion: 94 Resp: 13977

Ion	Ratio	Lower	Upper
94	100		
65	38.8	7.9	47.9
66	72.8	16.2	56.2#



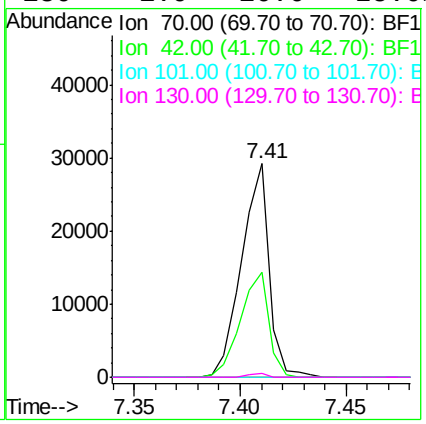


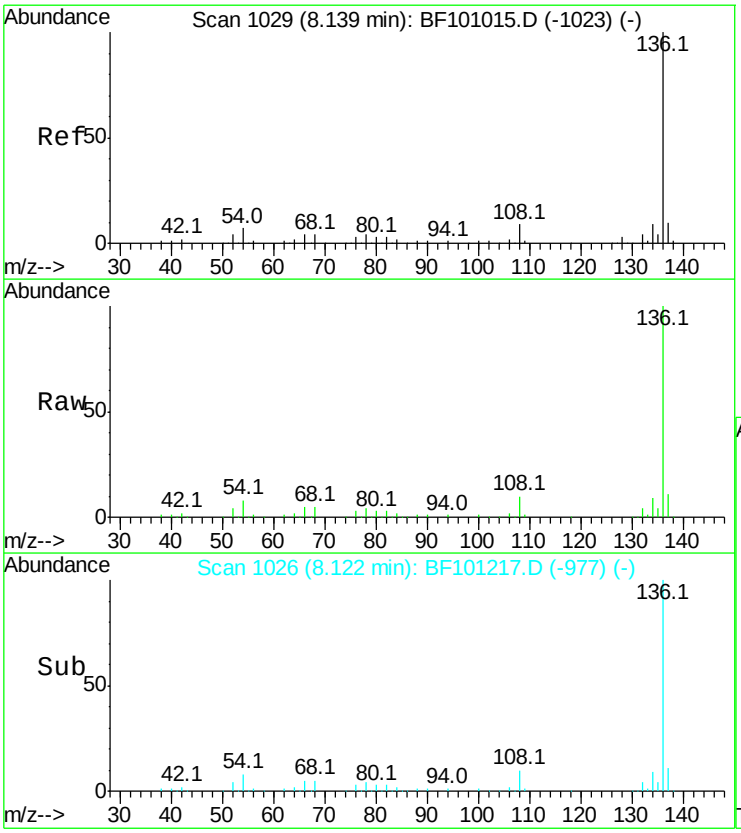
#19
n-Nitroso-di-n-propylamine
Concen: 12.022 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.15 min
Lab File: BF101217.D
Acq: 7 Dec 2017 20:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 26497

Ion	Ratio	Lower	Upper
70	100		
42	49.0	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#

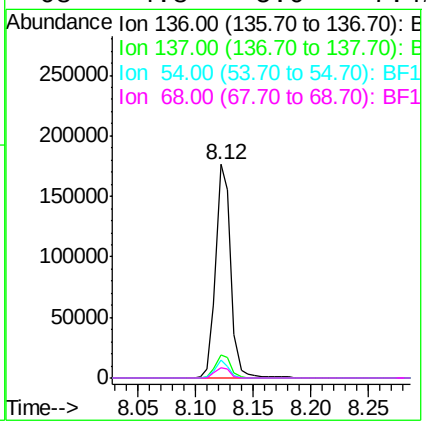


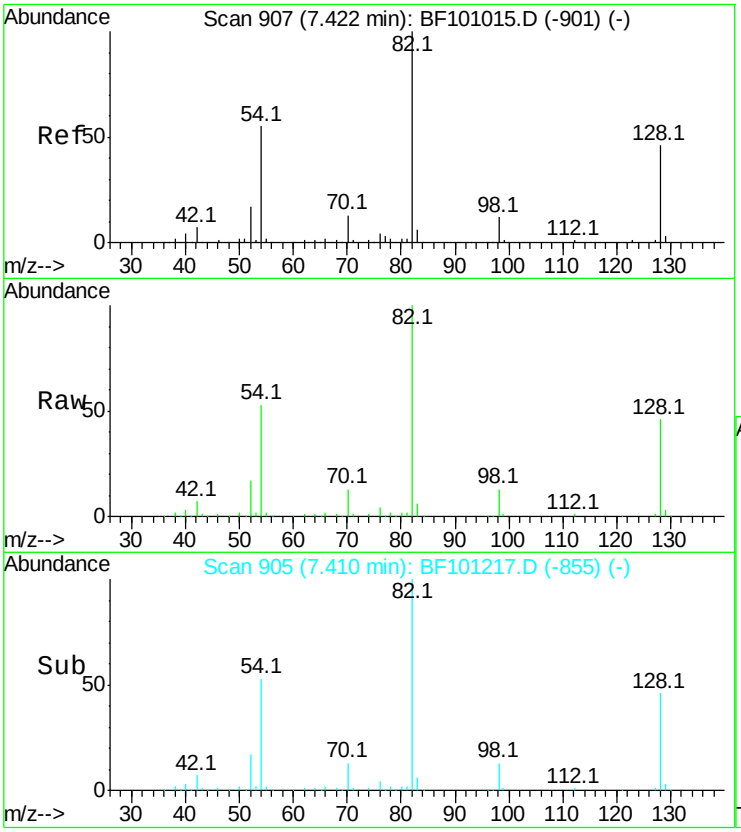


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF101217.D
Acq: 7 Dec 2017 20:40

Tgt Ion:136 Resp: 160244

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.3	6.6	9.8
68	4.8	5.0	7.4#



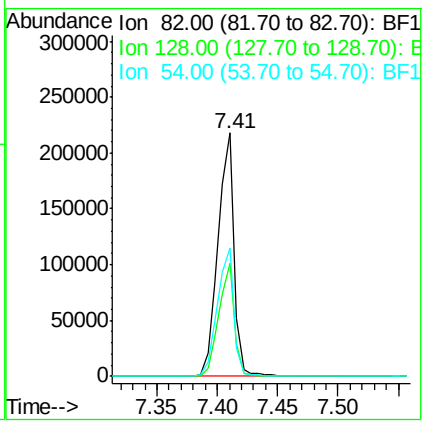


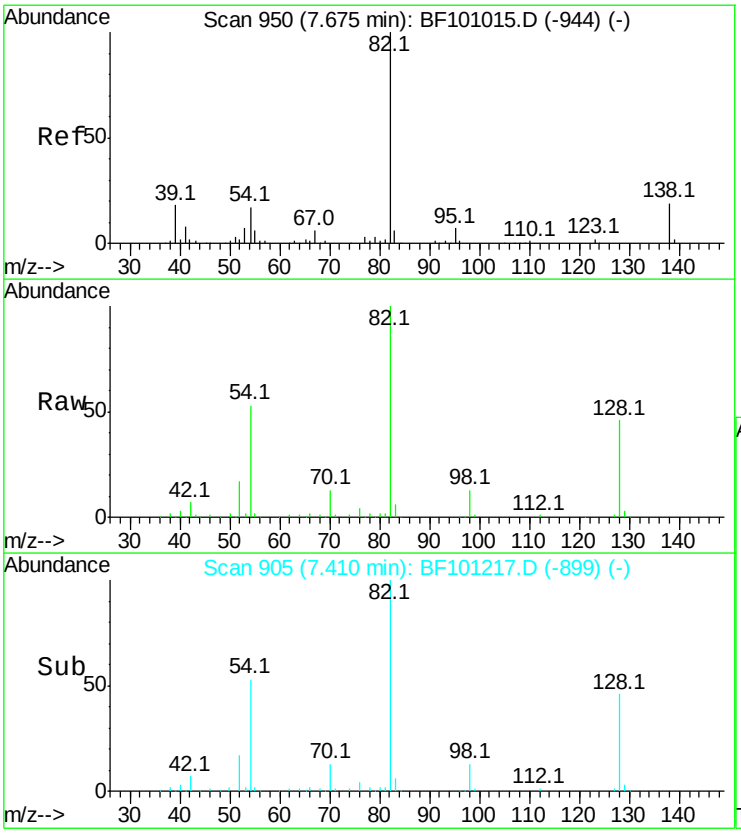
#23
Nitrobenzene-d5
Concen: 74.145 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101217.D
Acq: 7 Dec 2017 20:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 199172

Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	52.6	41.4	62.2

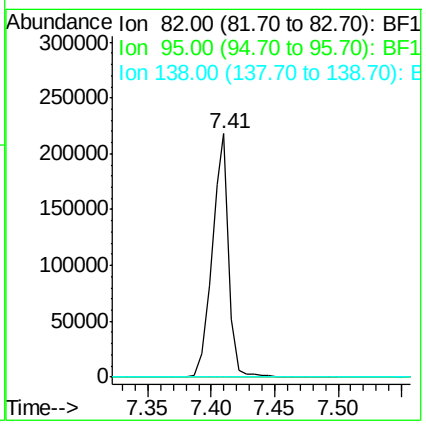


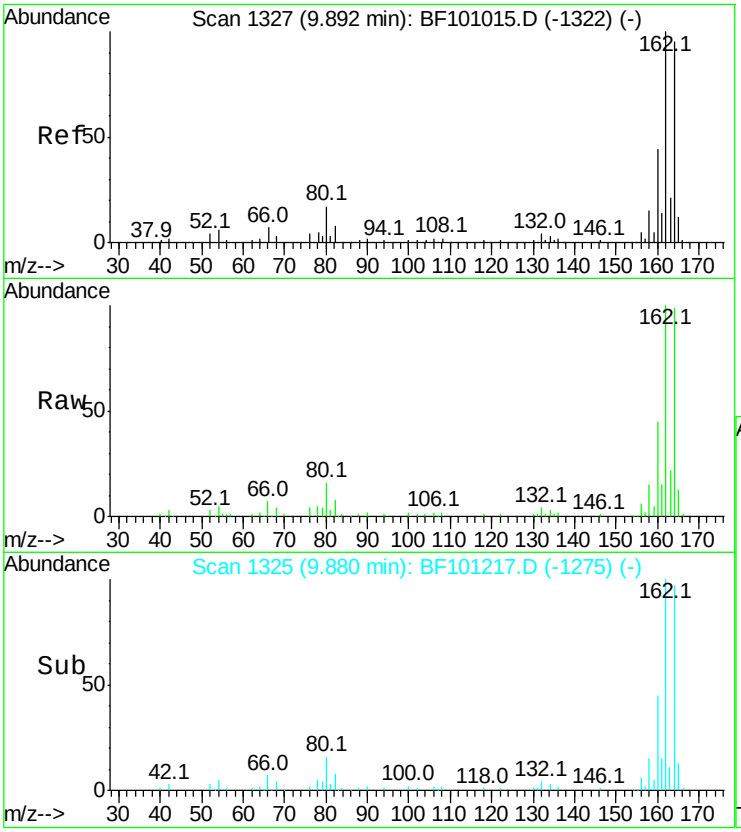


#25
Isophorone
Concen: 43.407 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF101217.D
Acq: 7 Dec 2017 20:40

Tgt Ion: 82 Resp: 199169

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



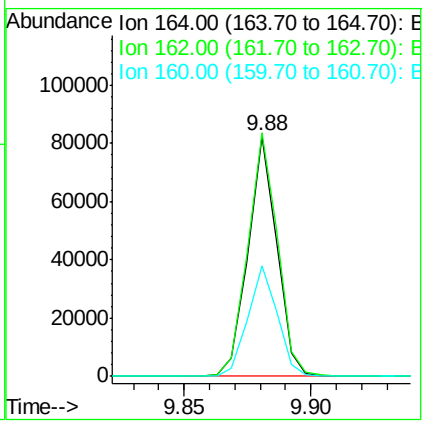


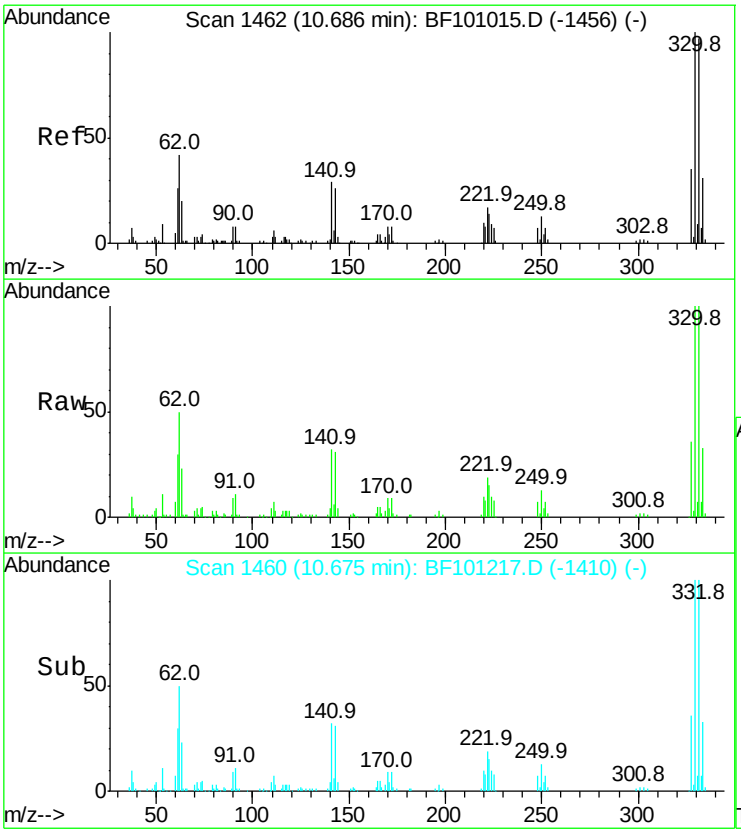
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF101217.D
Acq: 7 Dec 2017 20:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 65127

Ion	Ratio	Lower	Upper
164	100		
162	101.5	86.1	129.1
160	45.9	38.3	57.5

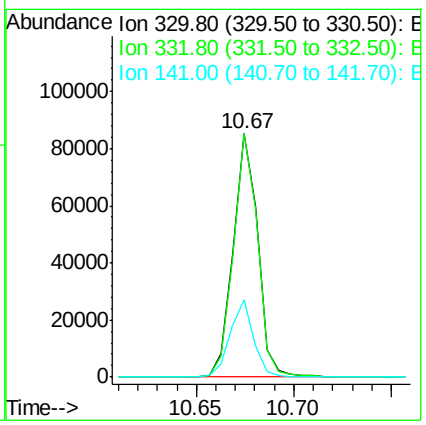


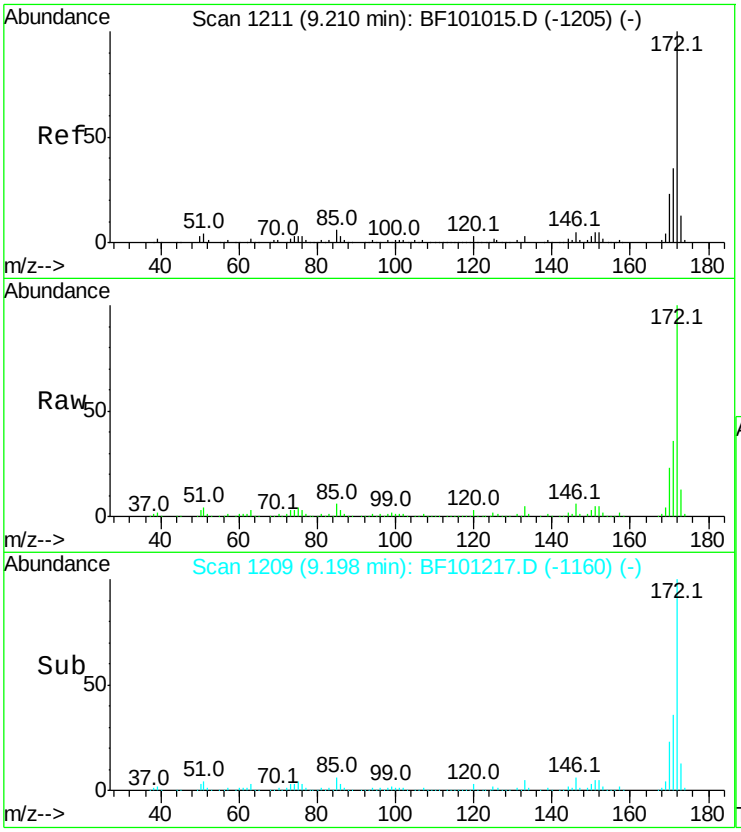


#41
2,4,6-Tribromophenol
Concen: 95.016 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF101217.D
Acq: 7 Dec 2017 20:40

Tgt Ion:330 Resp: 74337

Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	30.5	29.9	44.9



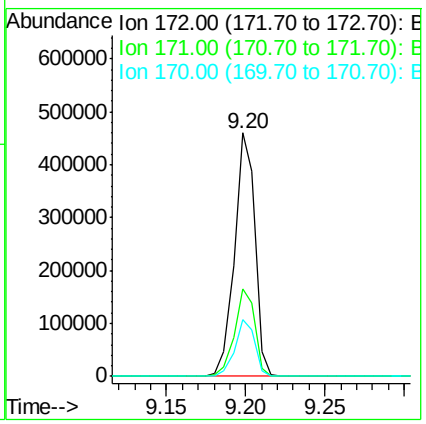


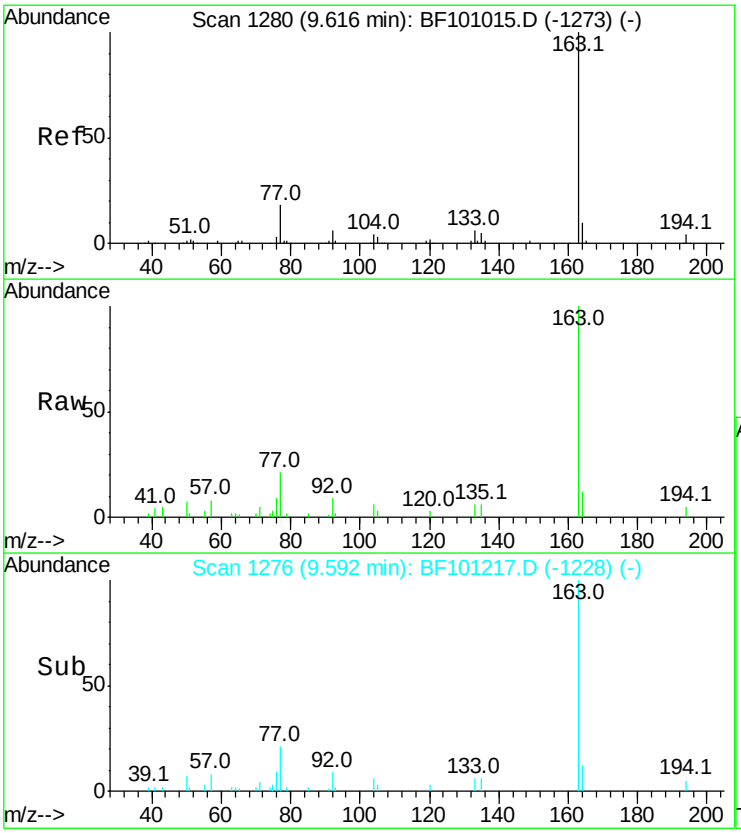
#44
2-Fluorobiphenyl
Concen: 86.315 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF101217.D
Acq: 7 Dec 2017 20:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 410863

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.4	19.6	29.4

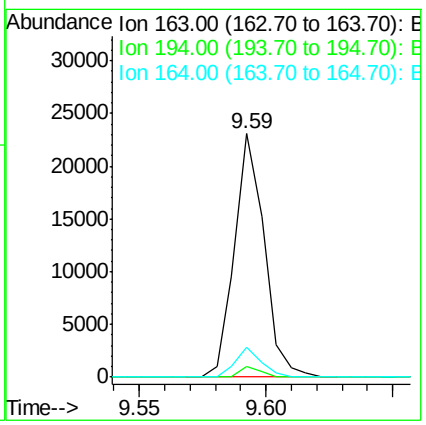


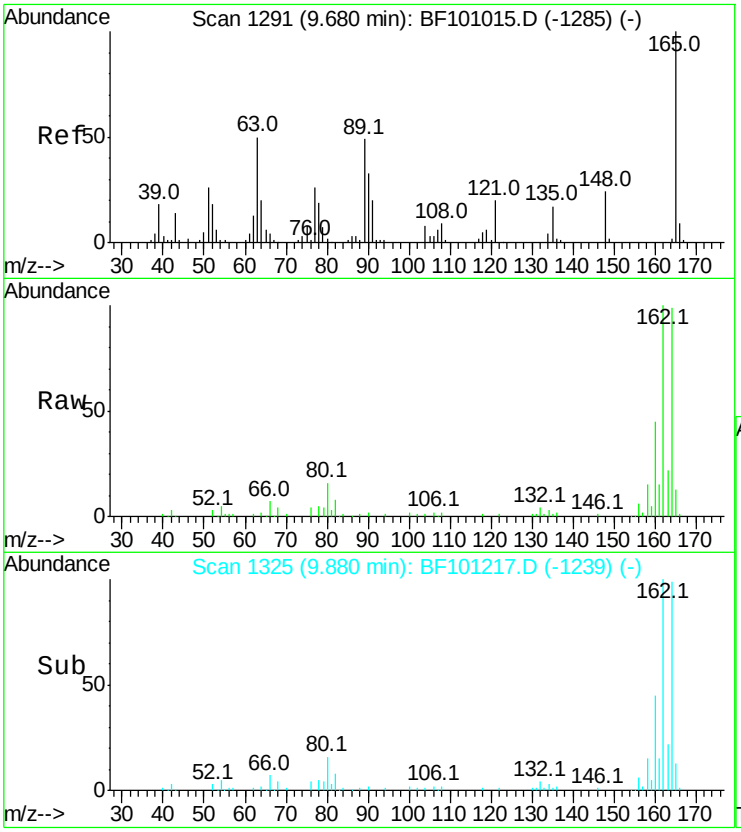


#49
Dimethylphthalate
Concen: 3.565 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF101217.D
Acq: 7 Dec 2017 20:40

Tgt Ion:163 Resp: 18727

Ion	Ratio	Lower	Upper
163	100		
194	4.6	2.7	4.1#
164	12.0	8.2	12.2



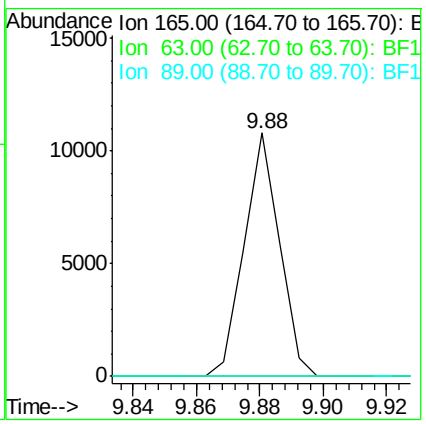


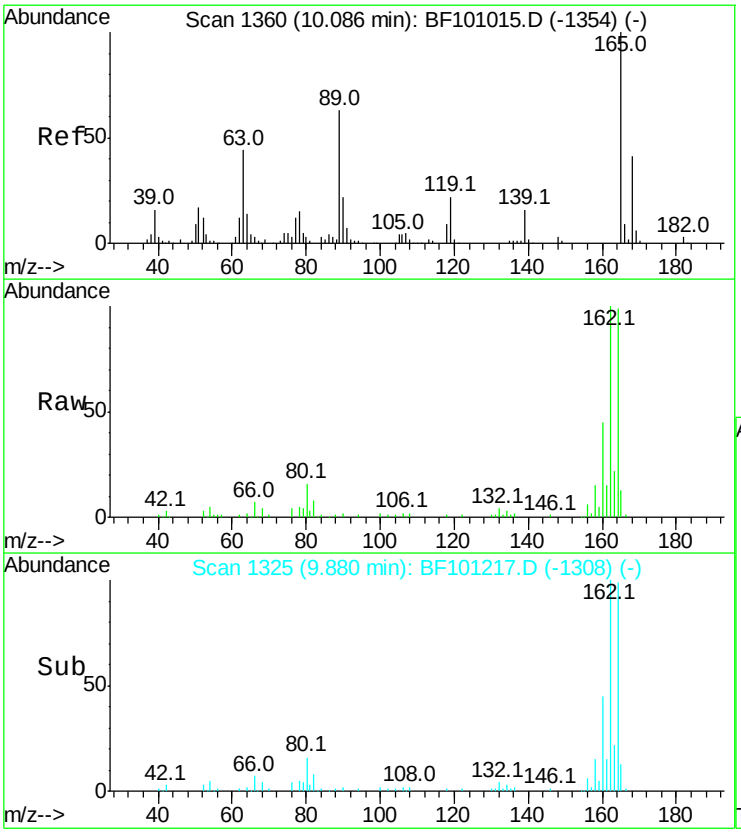
#50
2,6-Dinitrotoluene
Concen: 7.529 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.21 min
Lab File: BF101217.D
Acq: 7 Dec 2017 20:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 8329

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

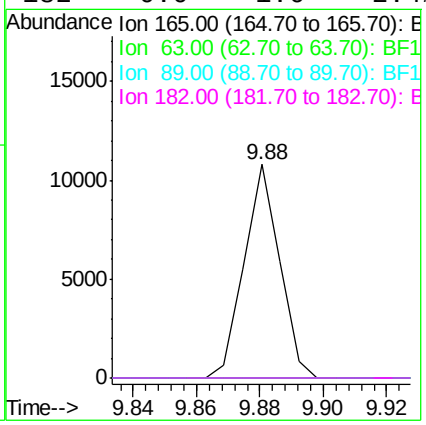


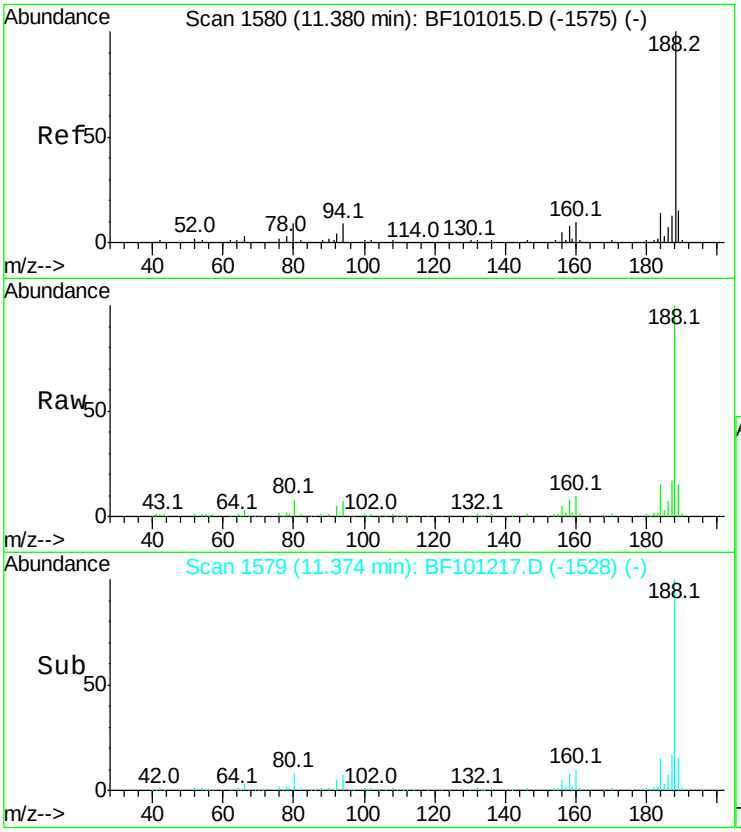


#56
2,4-Dinitrotoluene
Concen: 5.618 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.20 min
Lab File: BF101217.D
Acq: 7 Dec 2017 20:40

Tgt Ion:165 Resp: 8329

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#



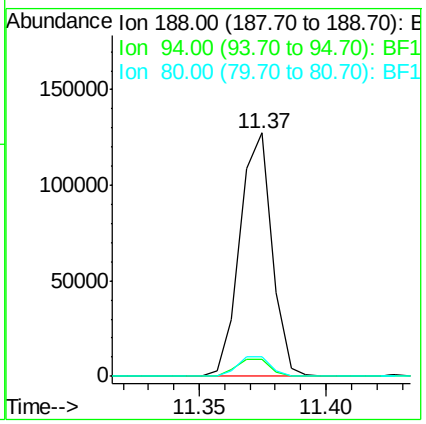


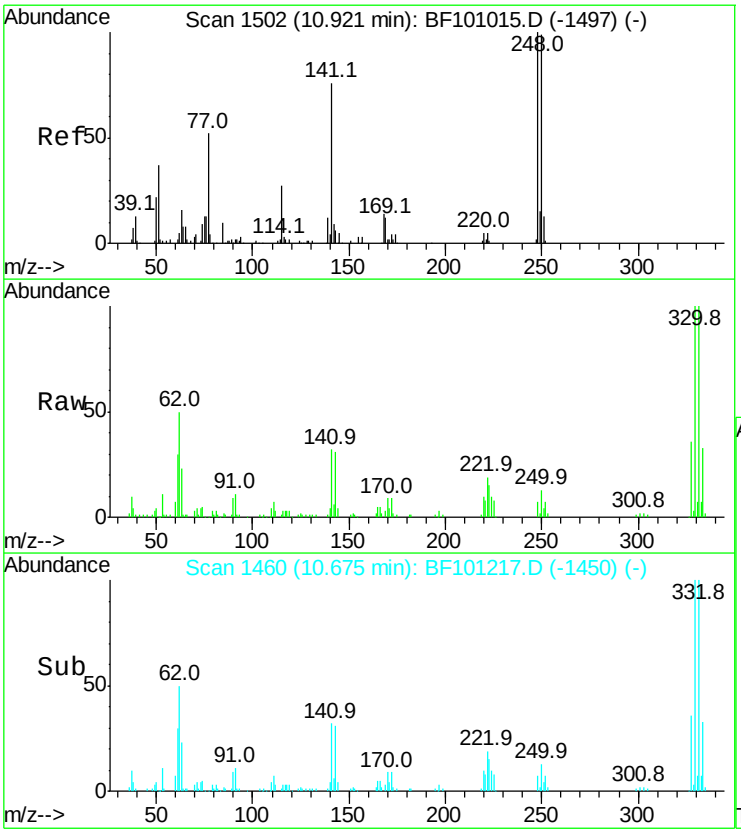
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101217.D
Acq: 7 Dec 2017 20:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 112053

Ion	Ratio	Lower	Upper
188	100		
94	6.8	8.5	12.7#
80	8.3	9.2	13.8#

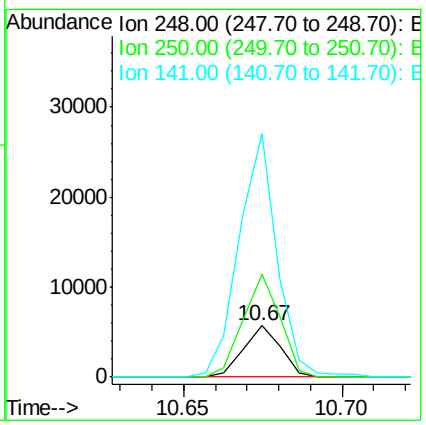


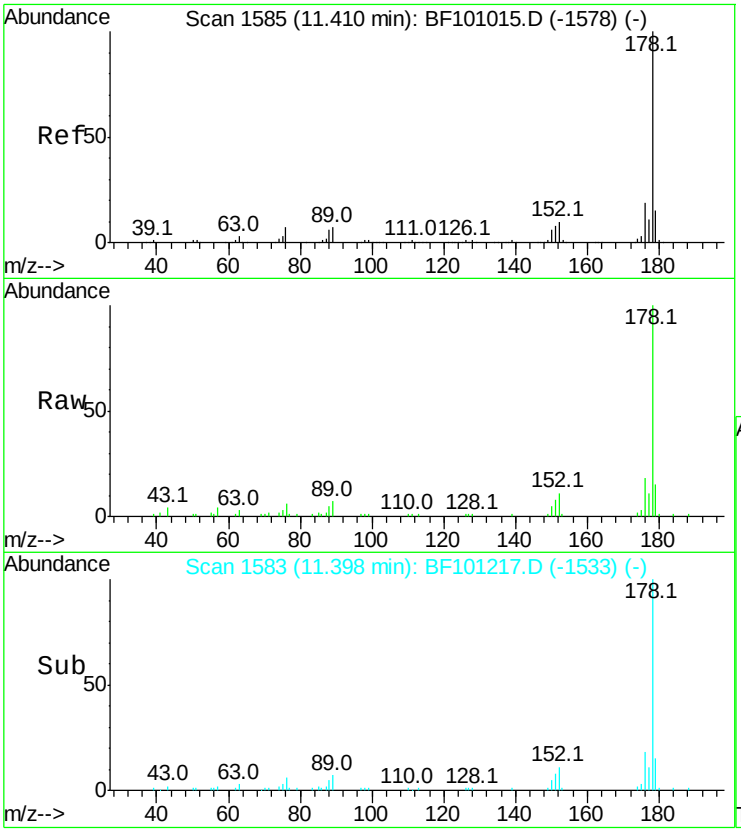


#66
4-Bromophenyl-phenylether
Concen: 3.714 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF101217.D
Acq: 7 Dec 2017 20:40

Tgt Ion:248 Resp: 4658

Ion	Ratio	Lower	Upper
248	100		
250	201.4	76.9	115.3#
141	476.2	74.4	111.6#



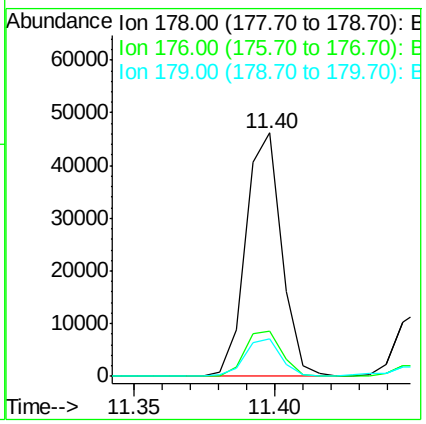


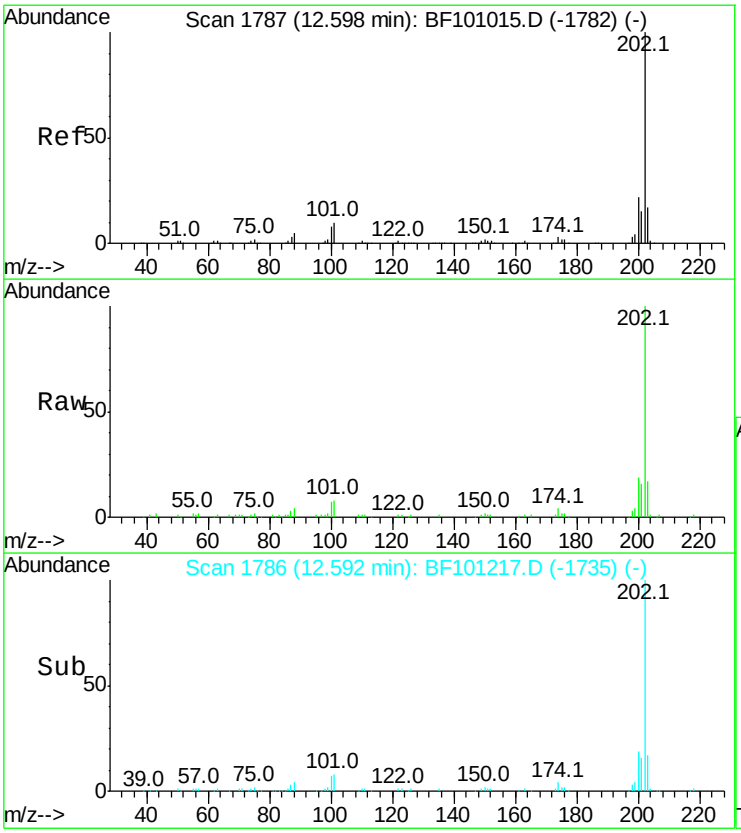
#70
Phenanthrene
Concen: 6.585 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF101217.D
Acq: 7 Dec 2017 20:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 40635

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	15.5	13.0	19.6

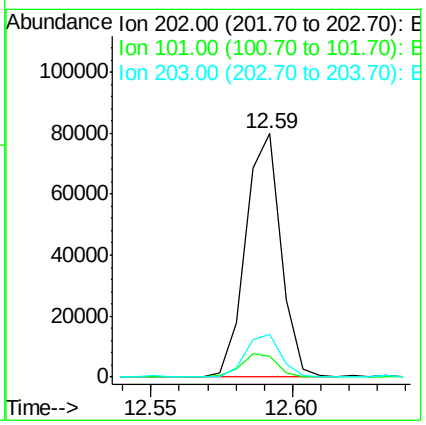


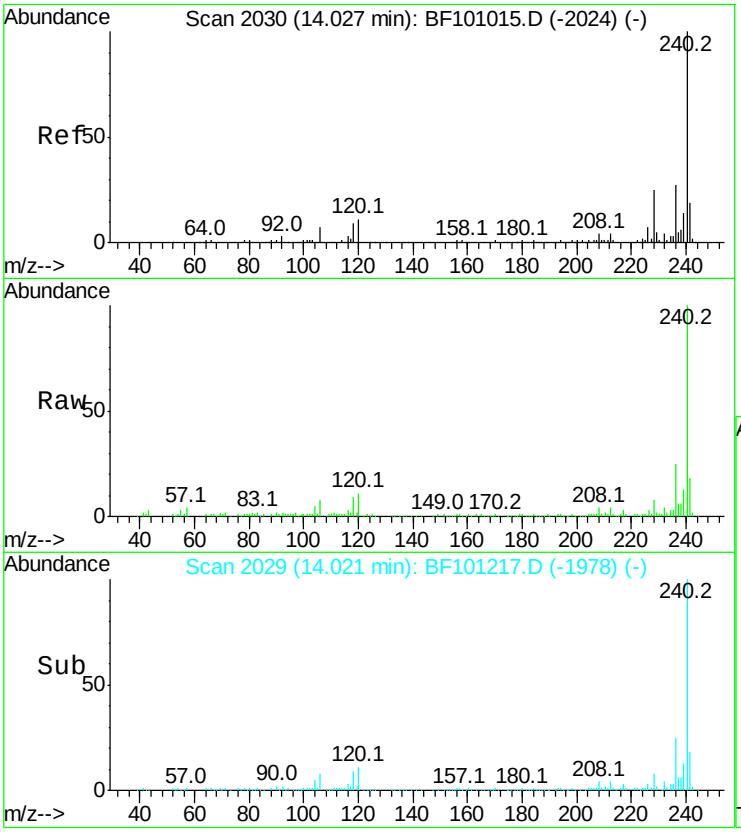


#74
Fluoranthene
Concen: 10.082 ng
RT: 12.59 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BF101217.D
Acq: 7 Dec 2017 20:40

Tgt Ion:202 Resp: 68965

Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	34.1
203	17.5	0.0	38.1



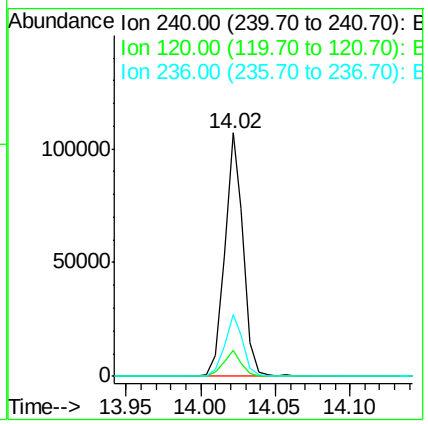


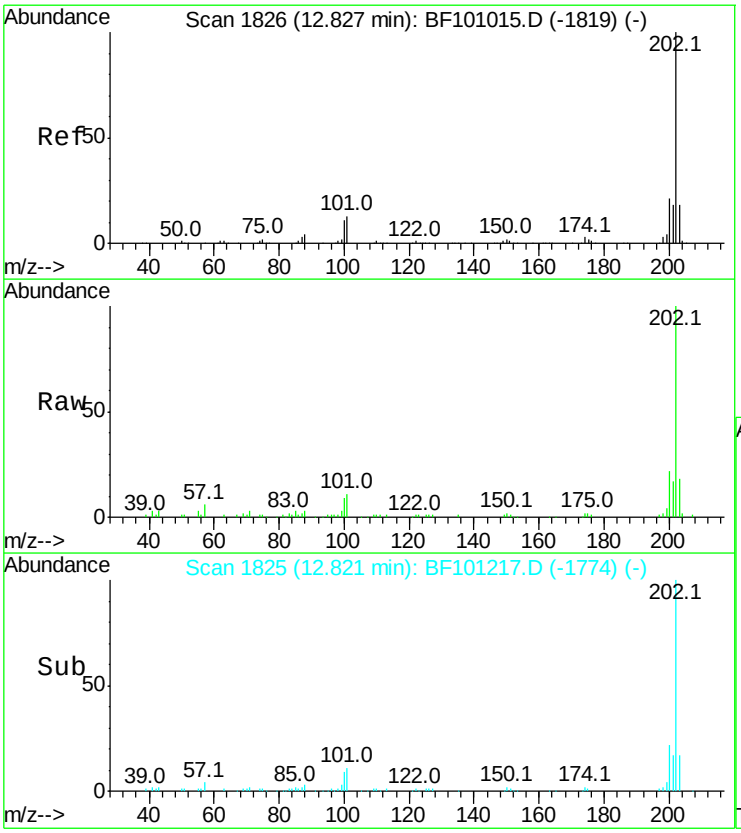
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF101217.D
Acq: 7 Dec 2017 20:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 92476

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.5	14.3
236	25.1	20.7	31.1

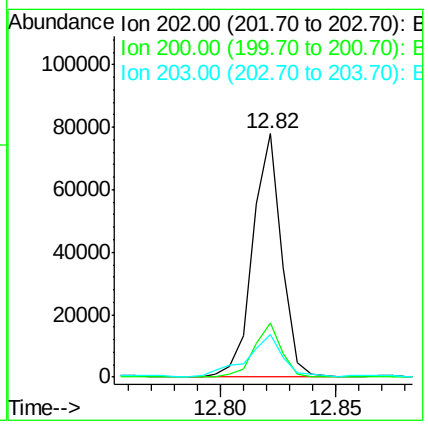


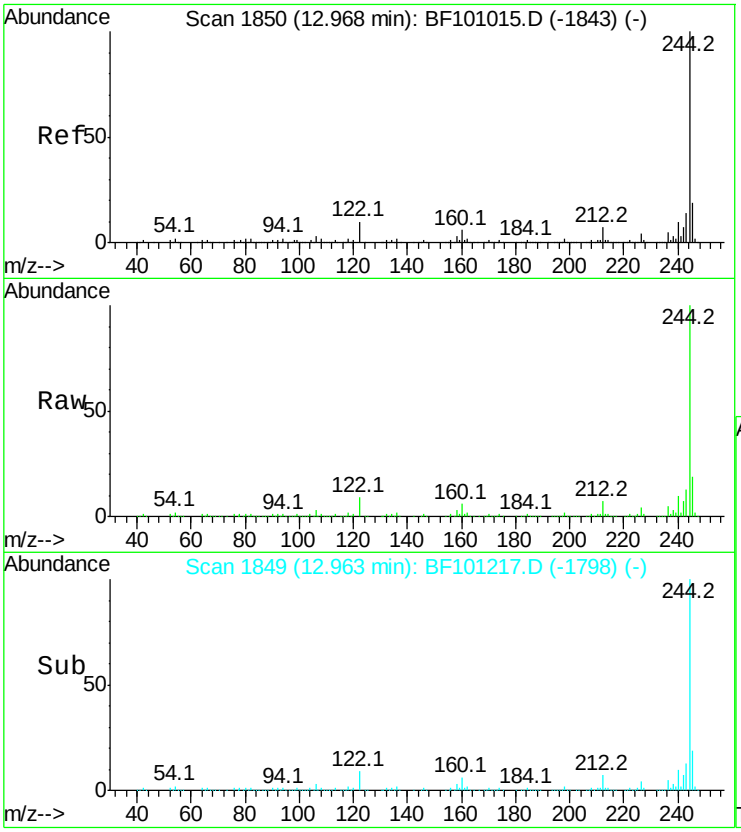


#77
Pyrene
Concen: 10.604 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF101217.D
Acq: 7 Dec 2017 20:40

Tgt Ion:202 Resp: 67667

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	17.7	14.3	21.5



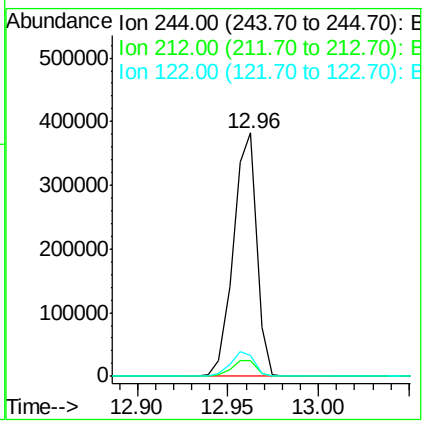


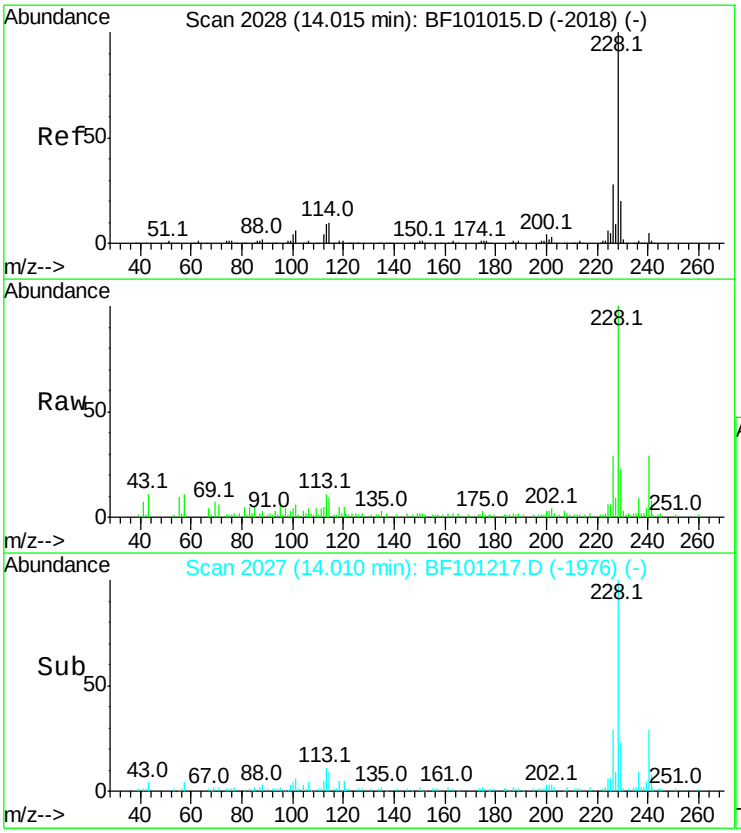
#78
Terphenyl-d14
Concen: 81.059 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.00 min
Lab File: BF101217.D
Acq: 7 Dec 2017 20:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 342711

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	8.8	11.0	16.4#

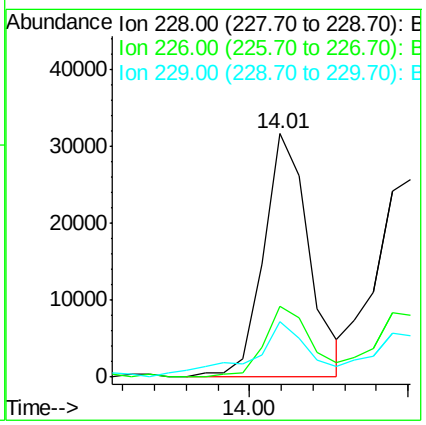


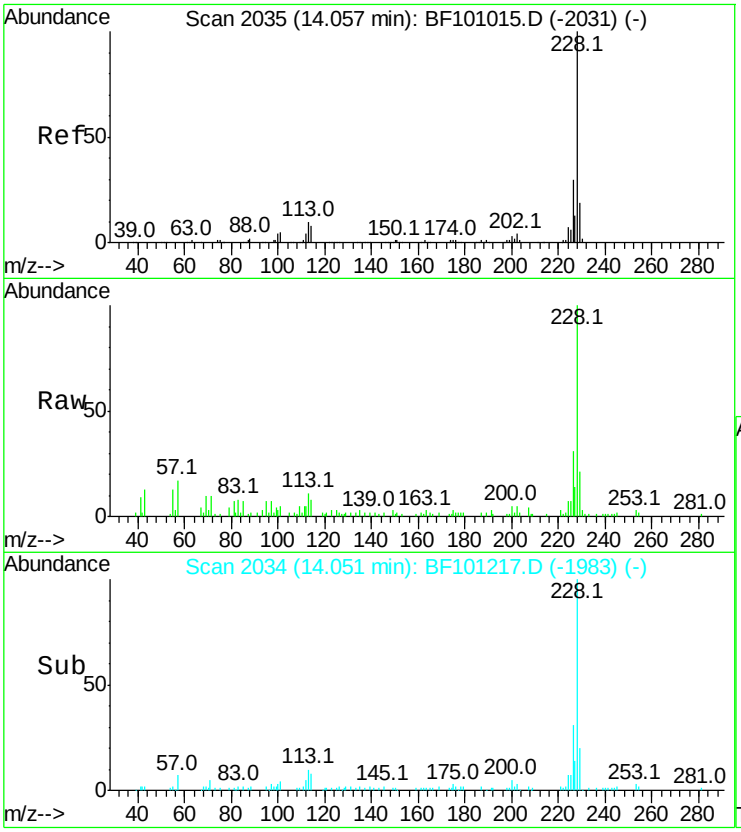


#80
Benzo(a)anthracene
Concen: 5.415 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF101217.D
Acq: 7 Dec 2017 20:40

Tgt Ion:228 Resp: 31619

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	22.8	15.8	23.6



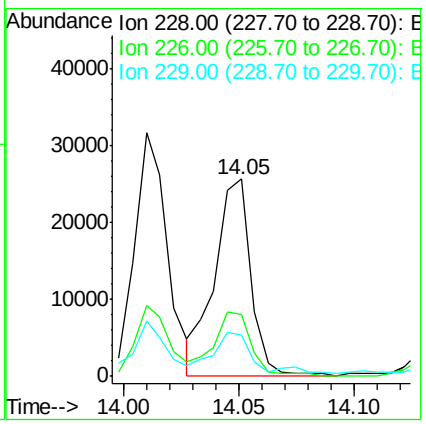


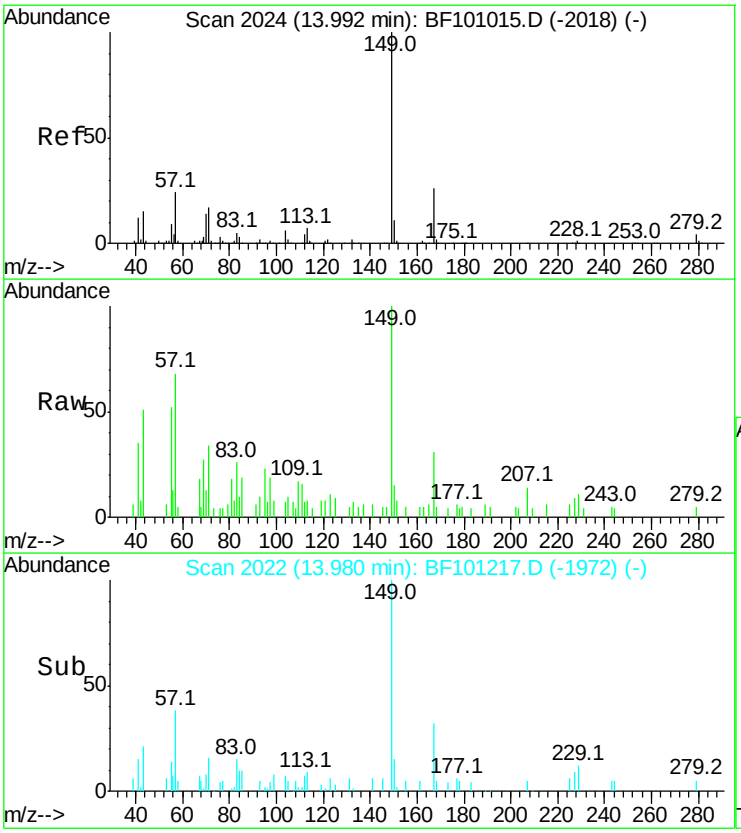
#82
Chrysene
Concen: 5.207 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BF101217.D
Acq: 7 Dec 2017 20:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 28237

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	21.1	16.2	24.4

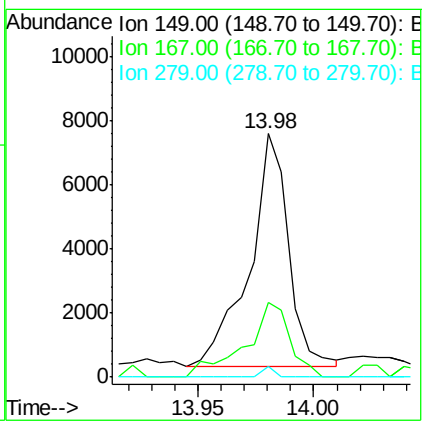


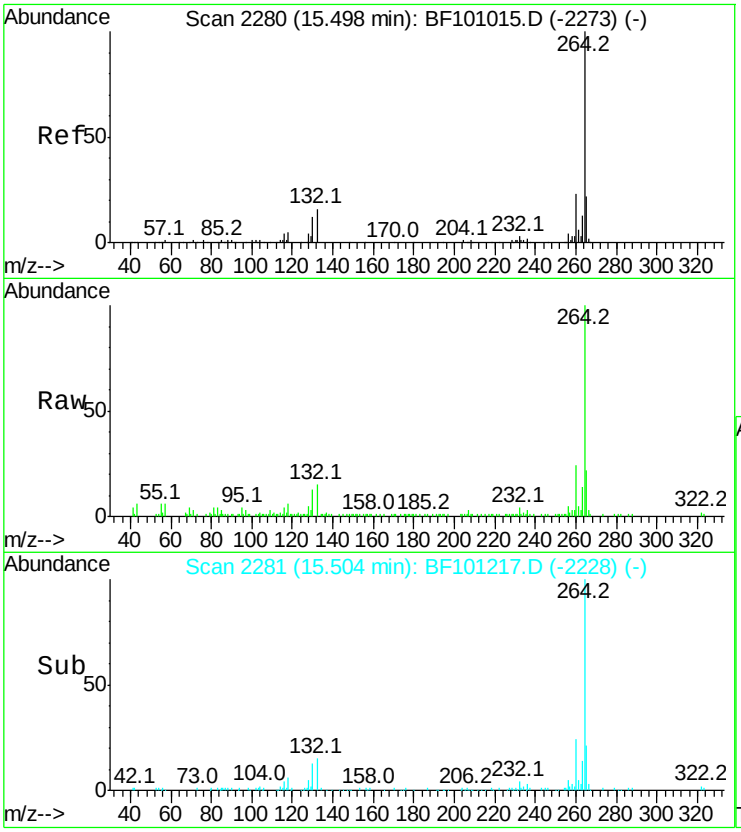


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.131 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF101217.D
Acq: 7 Dec 2017 20:40

Tgt Ion:149 Resp: 8550

Ion	Ratio	Lower	Upper
149	100		
167	30.6	21.3	31.9
279	4.5	3.0	4.4#



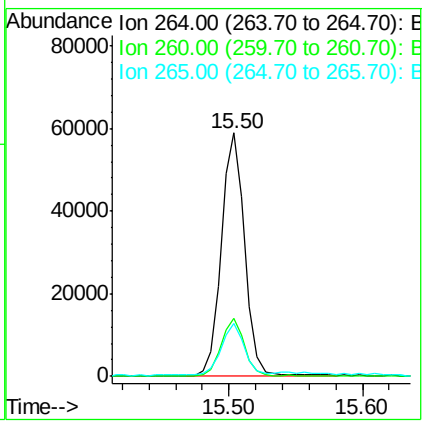


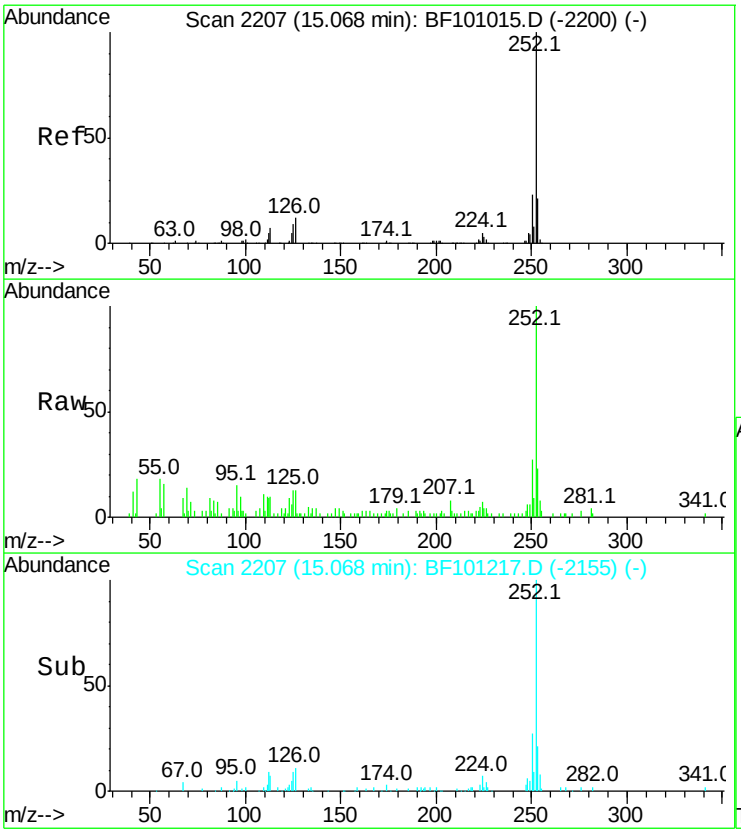
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF101217.D
Acq: 7 Dec 2017 20:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 72949

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.7	17.5	26.3

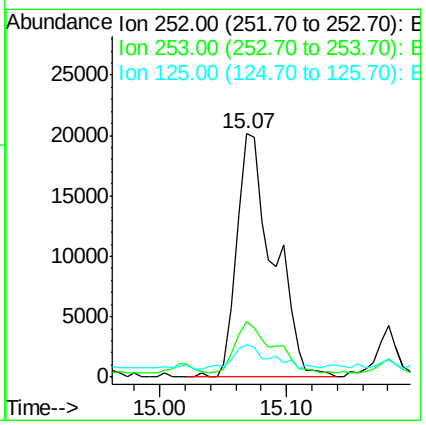


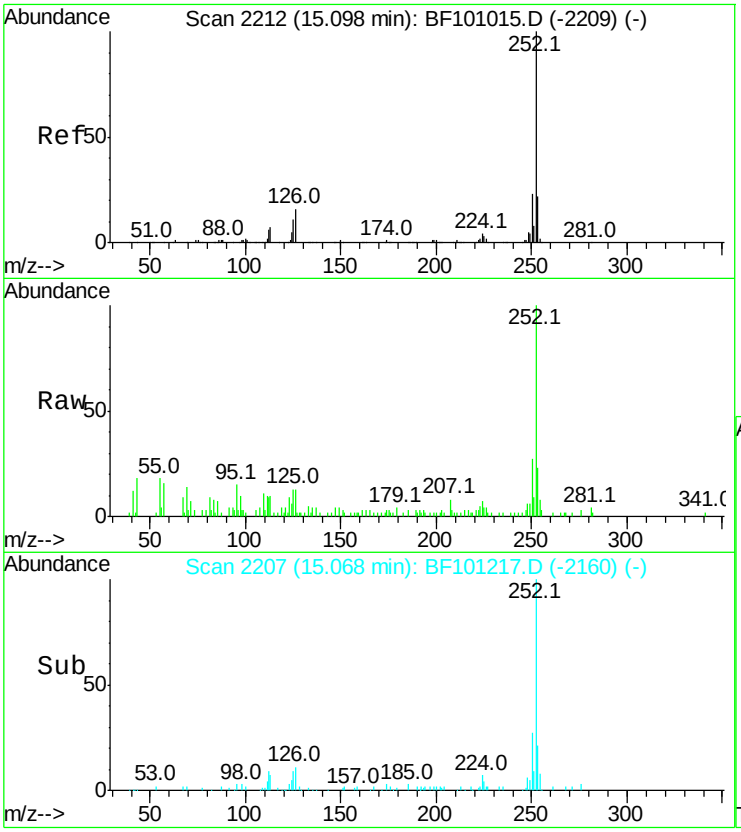


#87
Benzo(b)fluoranthene
Concen: 9.126 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF101217.D
Acq: 7 Dec 2017 20:40

Tgt Ion:252 Resp: 39877

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	13.4	9.0	13.6



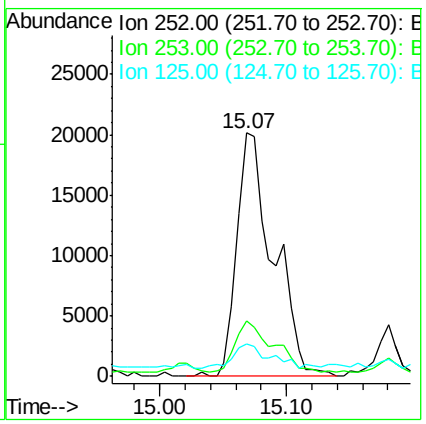


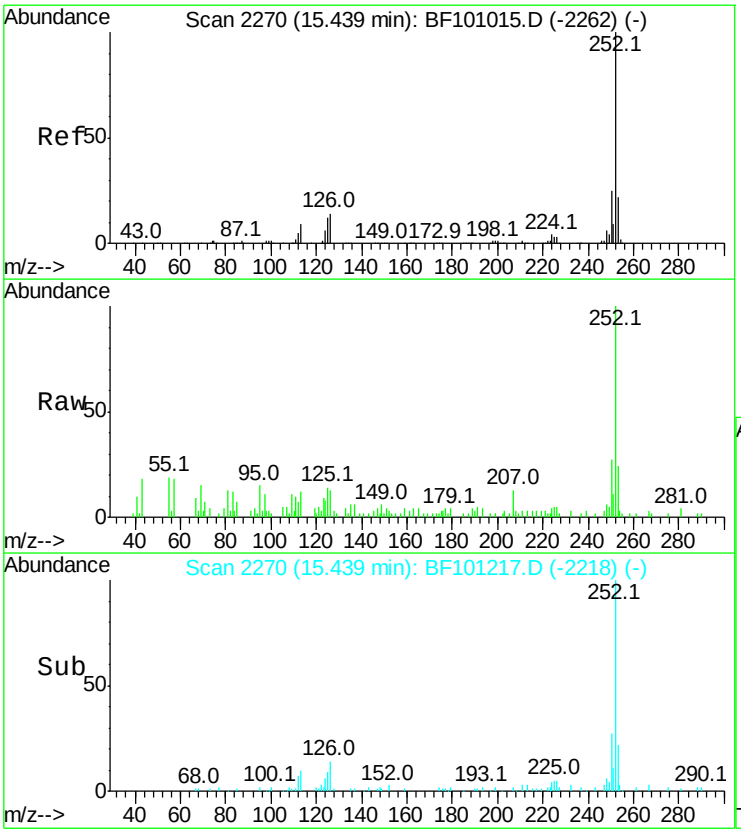
#88
Benzo(k)fluoranthene
Concen: 9.263 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BF101217.D
Acq: 7 Dec 2017 20:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 39877

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	13.4	10.2	15.2

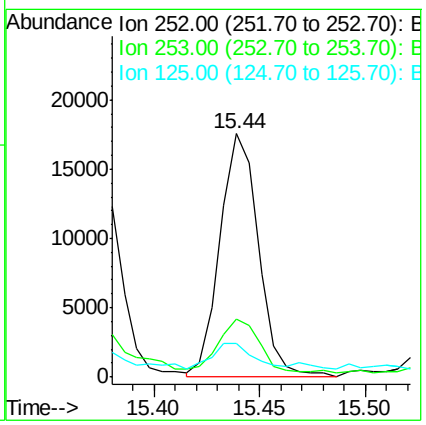


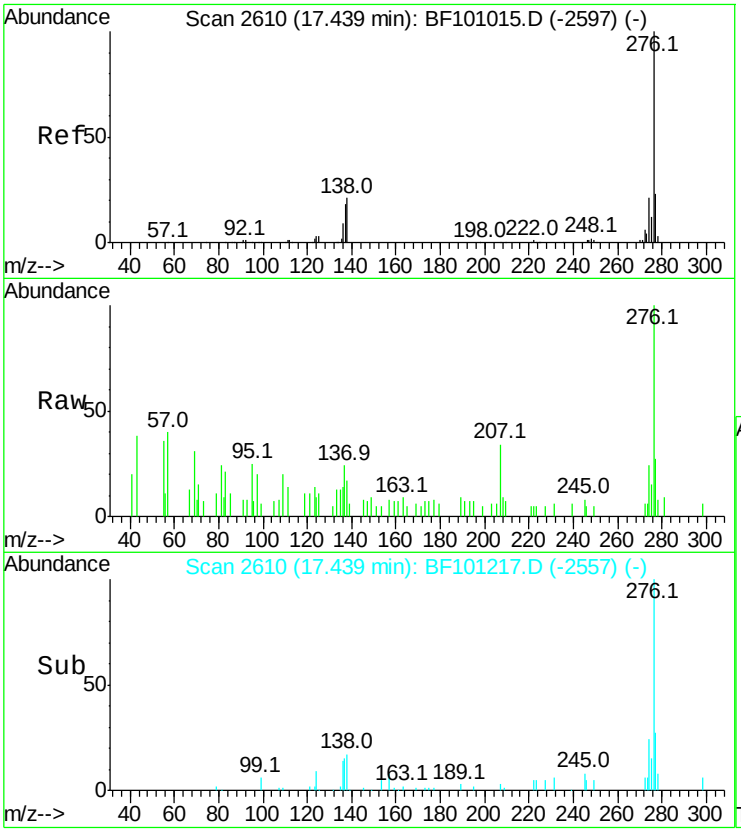


#89
Benzo(a)pyrene
Concen: 5.604 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101217.D
Acq: 7 Dec 2017 20:40

Tgt Ion:252 Resp: 22263

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	13.9	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 4.250 ng
RT: 17.44 min Scan# 2610
Delta R.T. 0.01 min
Lab File: BF101217.D
Acq: 7 Dec 2017 20:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 14028

Ion	Ratio	Lower	Upper
276	100		
277	27.4	17.9	26.9#
138	17.1	21.8	32.8#