Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104047.D
Acq On : 29 Mar 2018 13:37
Operator : JU/SJ
Sample : J1754-15 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 29 16:27:26 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 13:41:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	111782	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	476172	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	221769	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	381422	20.00	ng	0.00
75) Chrysene-d12	14.15	240	250409	20.00	ng	0.00
86) Perylene-d12	15.70	264	237056	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	114944	16.40	ng	0.00
7) Phenol-d6	6.60	99	175848	20.39	ng	0.00
23) Nitrobenzene-d5	7.53	82	118369	15.20	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	52554	21.28	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	259167	18.43	ng	0.00
78) Terphenyl-d14	13.08	244	221587	20.43	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.54	70	12060	2.356	ng	# 77
25) Isophorone	7.53	82	118369	8.249	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	28102	7.460	ng	# 26
56) 2,4-Dinitrotoluene	10.00	165	28236	5.874	ng	# 24
59) Diethylphthalate	10.40	149	36194	2.158	ng	97
74) Fluoranthene	12.72	202	48579	2.213	ng	97
77) Pyrene	12.95	202	46050	2.558	ng	96
87) Benzo(b)fluoranthene	15.23	252	45828	3.177	ng	# 64
88) Benzo(k)fluoranthene	15.23	252	45828	3.372	ng	# 67

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104047.D
Acq On : 29 Mar 2018 13:37
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Misc :
ALS Vial : 5 Sample Multiplier: 1

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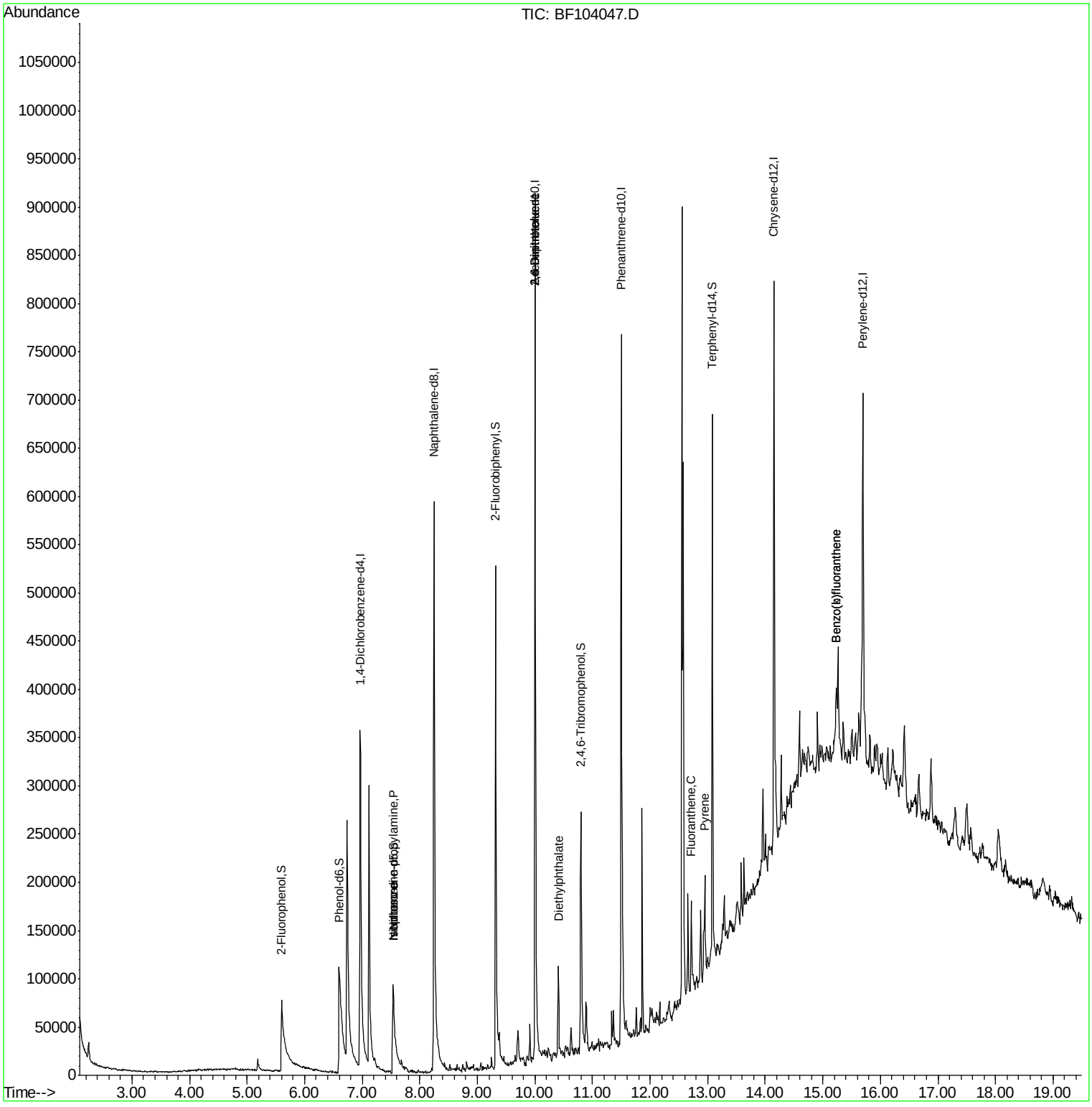
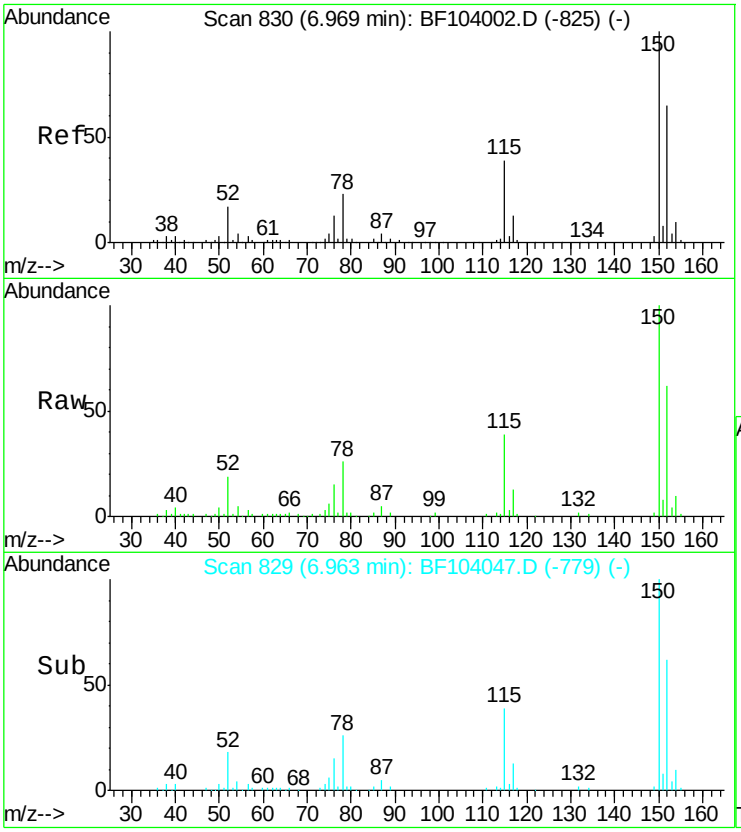


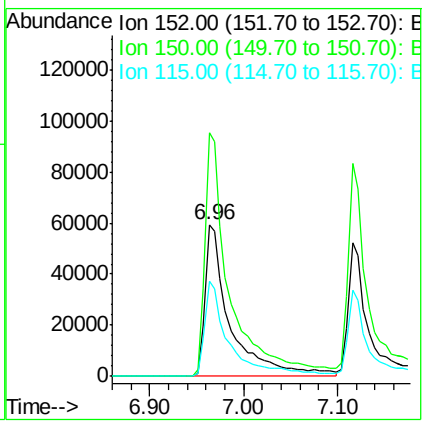


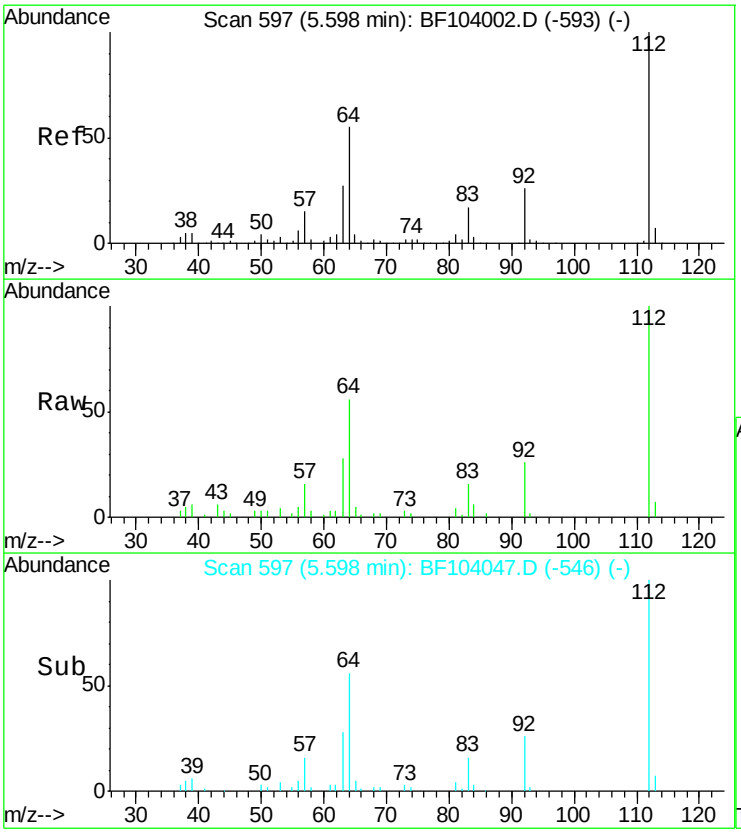
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF104047.D
Acq: 29 Mar 2018 13:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 111782

Ion	Ratio	Lower	Upper
152	100		
150	160.6	124.6	186.8
115	62.8	50.1	75.1

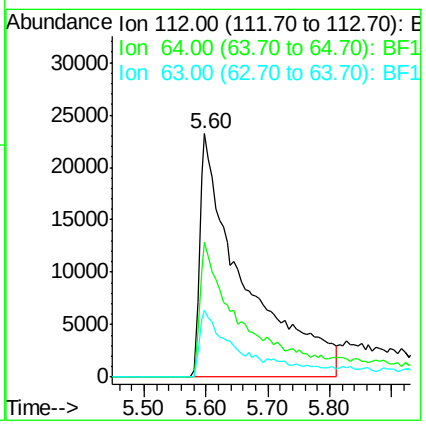


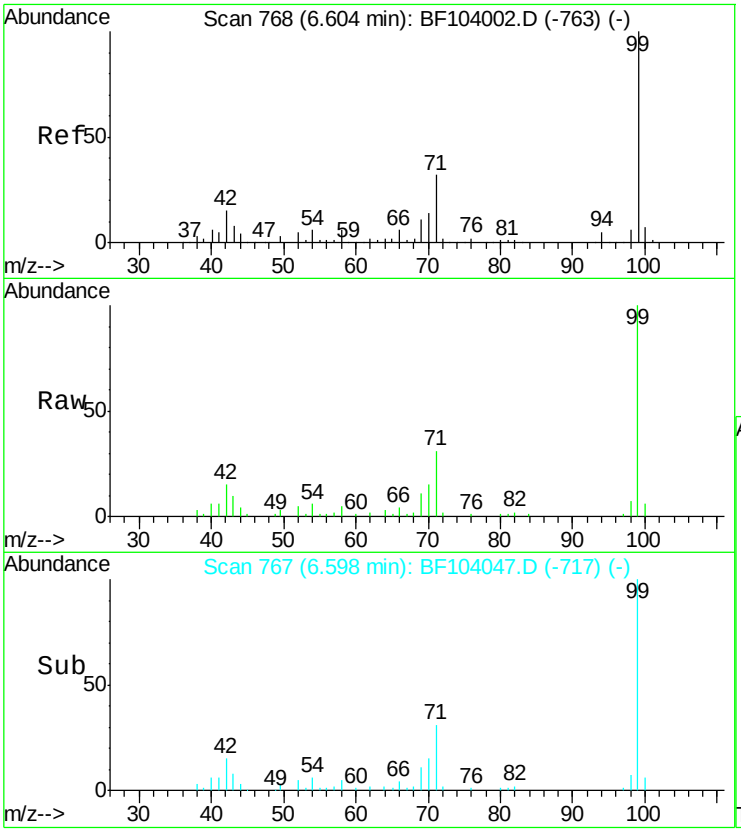


#5
2-Fluorophenol
Concen: 16.399 ng
RT: 5.60 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF104047.D
Acq: 29 Mar 2018 13:37

Tgt Ion:112 Resp: 114944

Ion	Ratio	Lower	Upper
112	100		
64	55.6	47.9	71.9
63	27.7	23.7	35.5



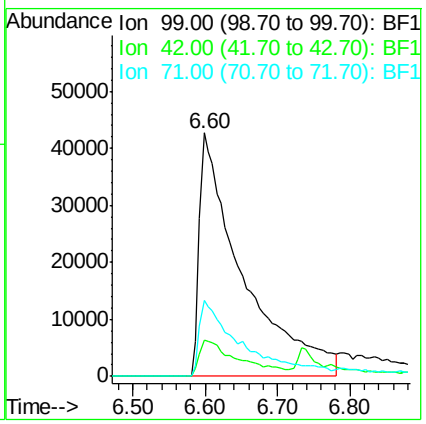


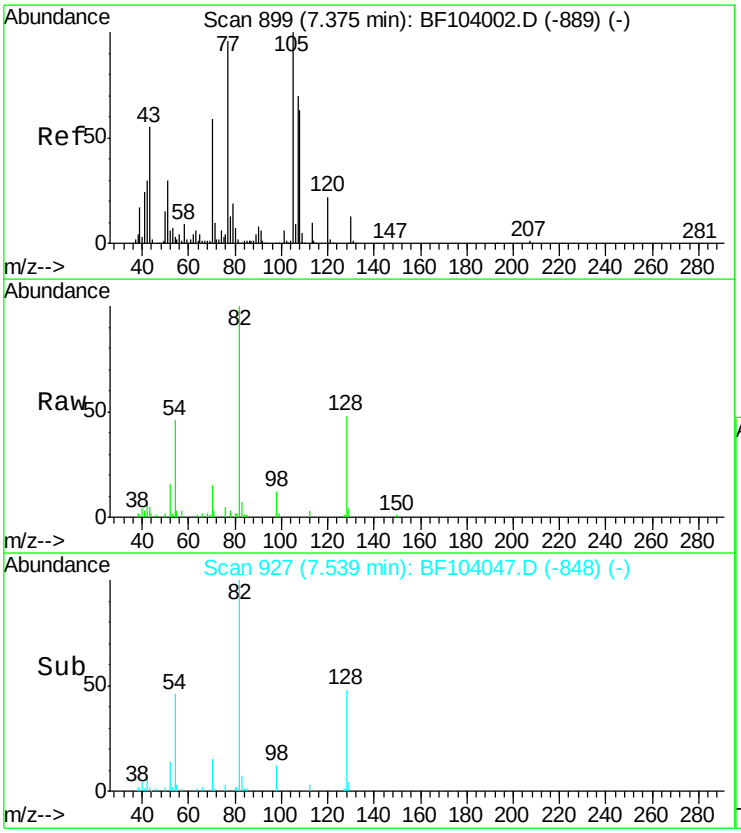
#7
Phenol-d6
Concen: 20.391 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF104047.D
Acq: 29 Mar 2018 13:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 175848

Ion	Ratio	Lower	Upper
99	100		
42	14.9	14.5	21.7
71	31.2	25.4	38.0

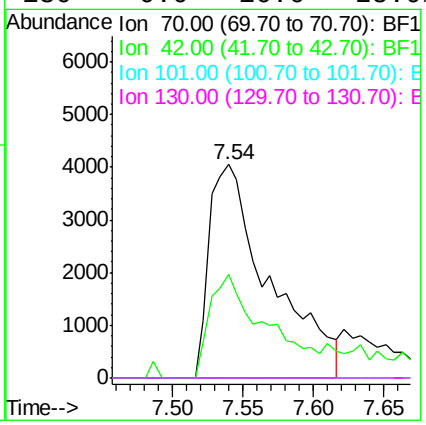


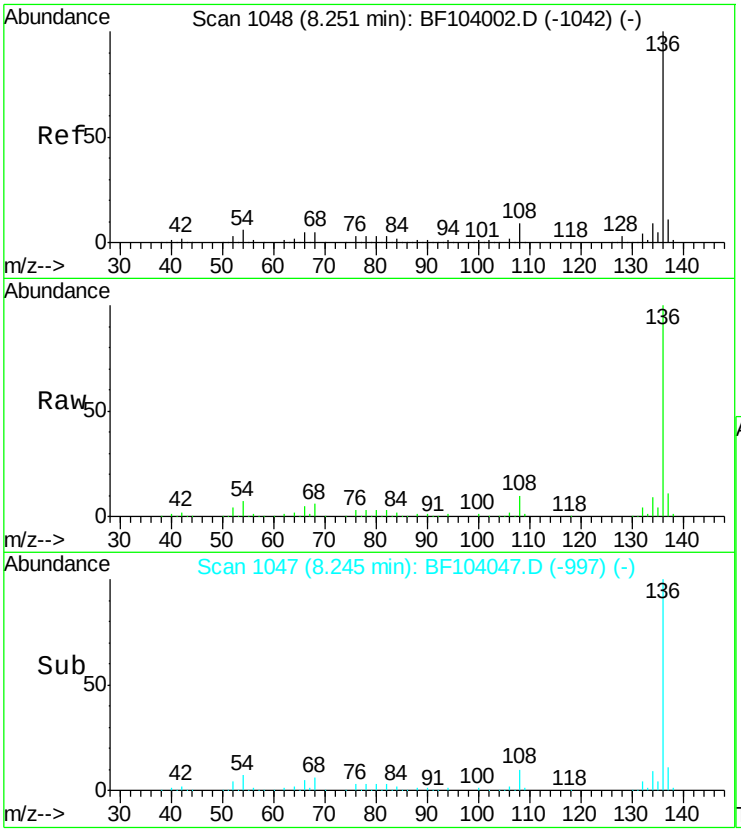


#19
n-Nitroso-di-n-propylamine
Concen: 2.356 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.16 min
Lab File: BF104047.D
Acq: 29 Mar 2018 13:37

Tgt Ion: 70 Resp: 12060

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



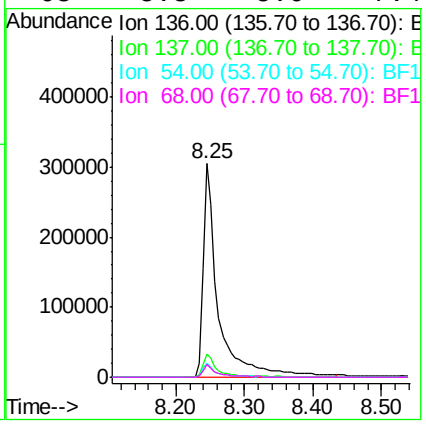


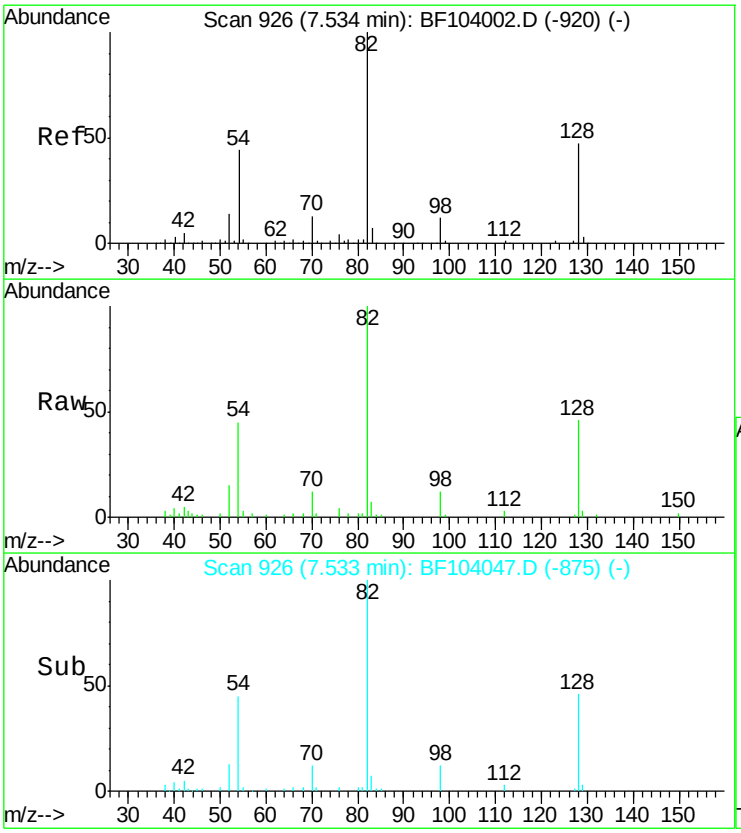
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF104047.D
Acq: 29 Mar 2018 13:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 476172

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.5	6.6	9.8#
68	5.8	5.0	7.4

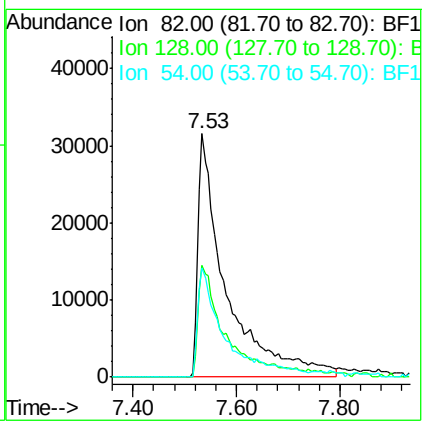


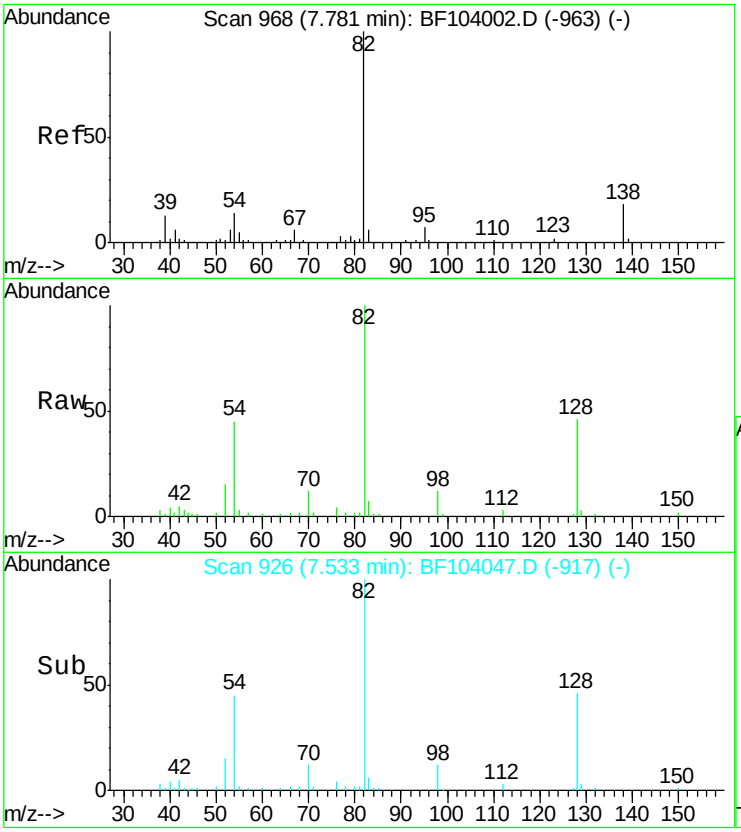


#23
Nitrobenzene-d5
Concen: 15.202 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF104047.D
Acq: 29 Mar 2018 13:37

Tgt Ion: 82 Resp: 118369

Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	44.8	41.4	62.2



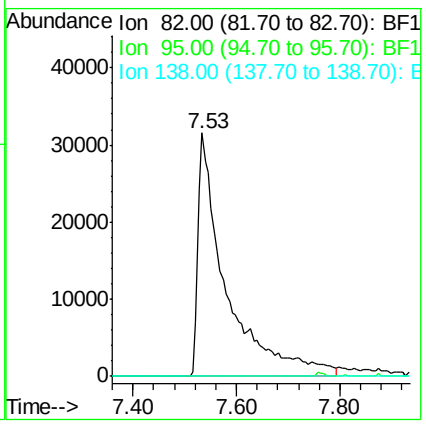


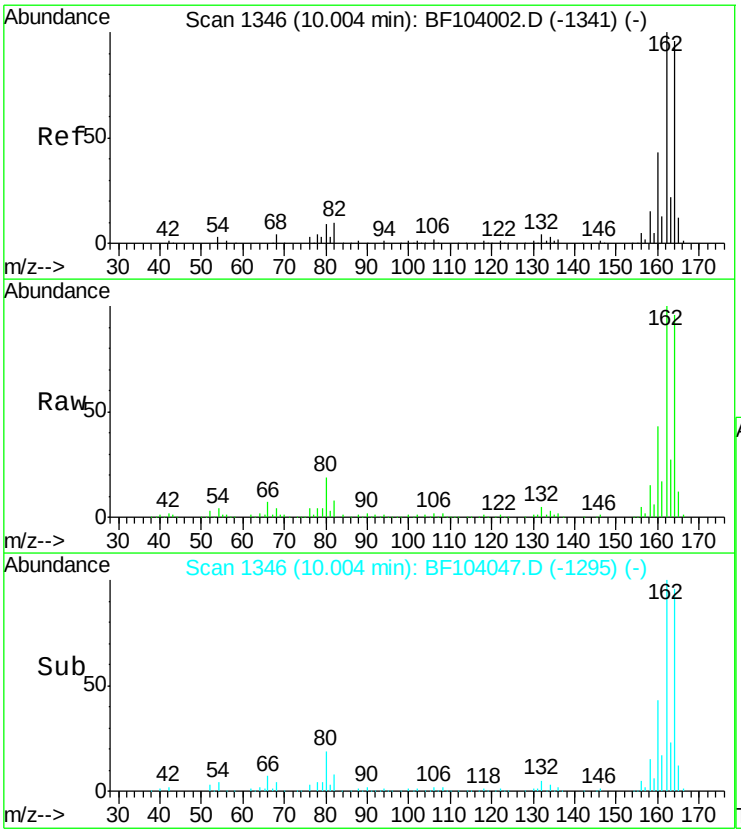
#25
Isophorone
Concen: 8.249 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.25 min
Lab File: BF104047.D
Acq: 29 Mar 2018 13:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 118369

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

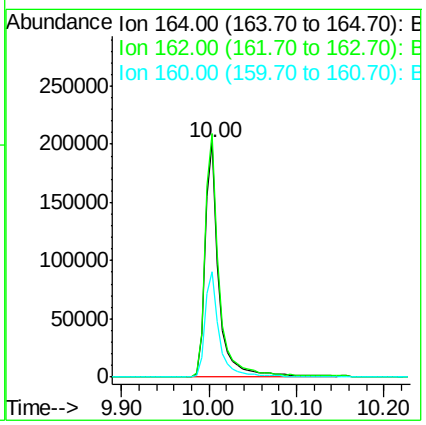


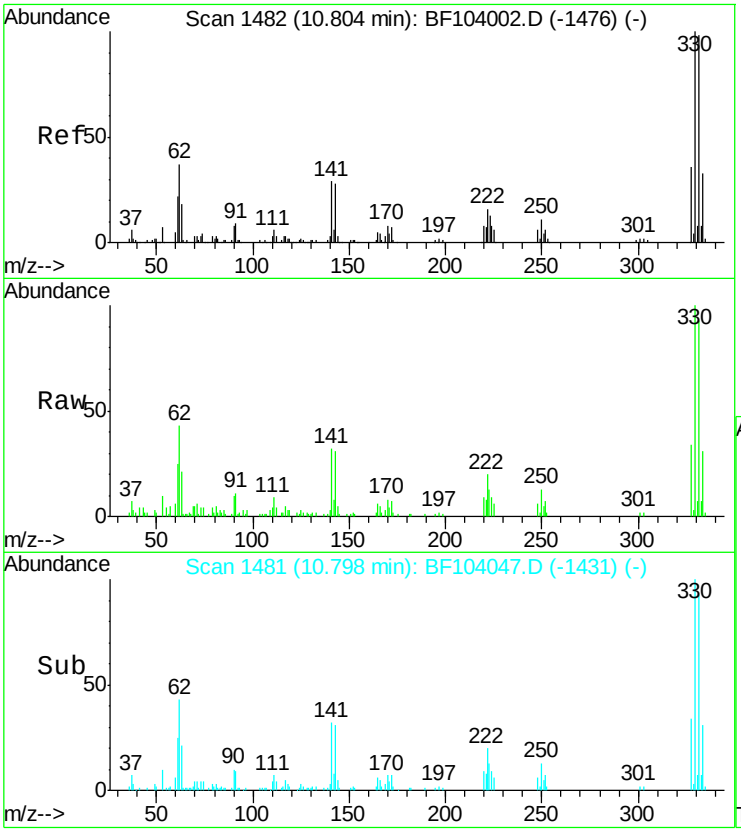


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF104047.D
Acq: 29 Mar 2018 13:37

Tgt Ion:164 Resp: 221769

Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	44.9	38.3	57.5



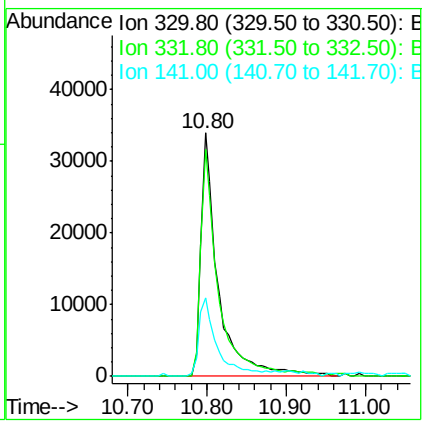


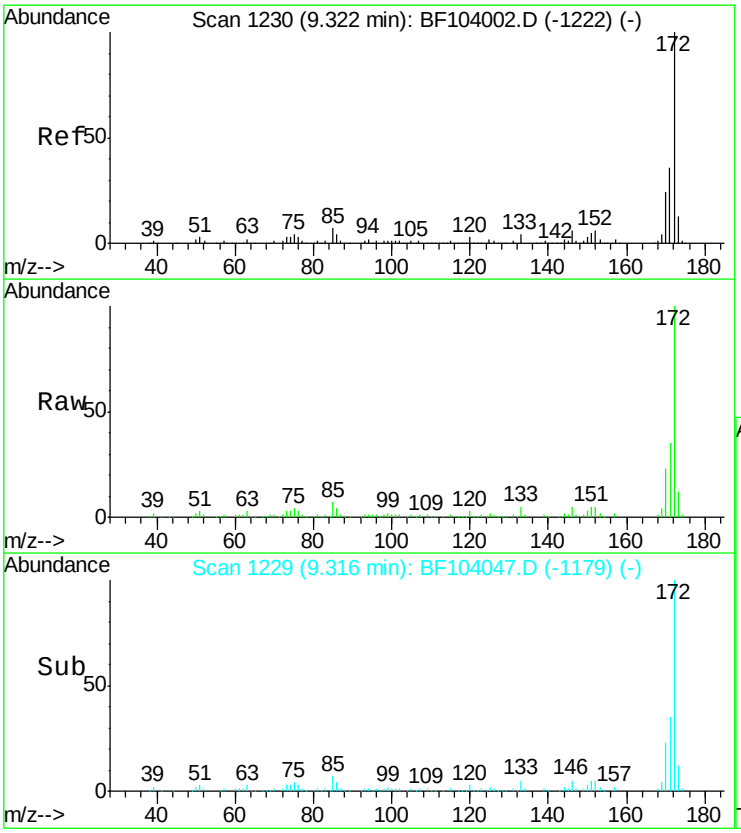
#41
2,4,6-Tribromophenol
Concen: 21.282 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BF104047.D
Acq: 29 Mar 2018 13:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 52554

Ion	Ratio	Lower	Upper
330	100		
332	92.7	77.0	115.6
141	33.6	29.9	44.9

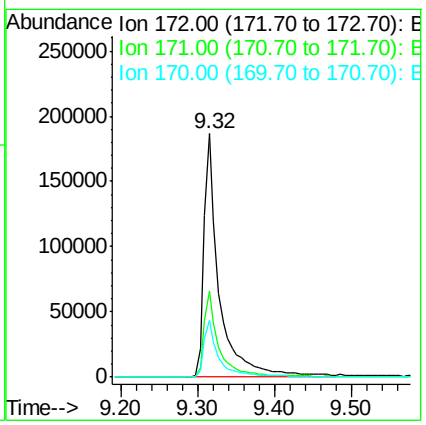


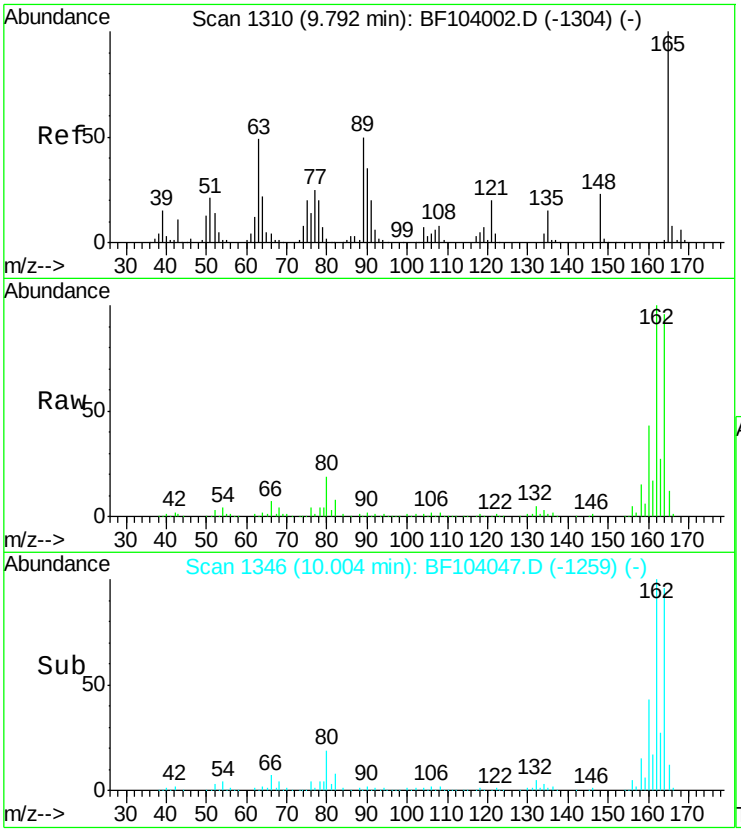


#44
2-Fluorobiphenyl
Concen: 18.428 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF104047.D
Acq: 29 Mar 2018 13:37

Tgt Ion:172 Resp: 259167

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.2	19.6	29.4



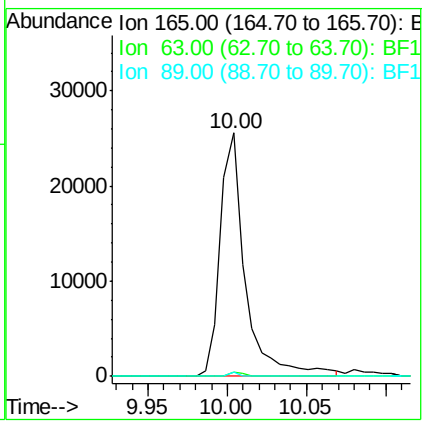


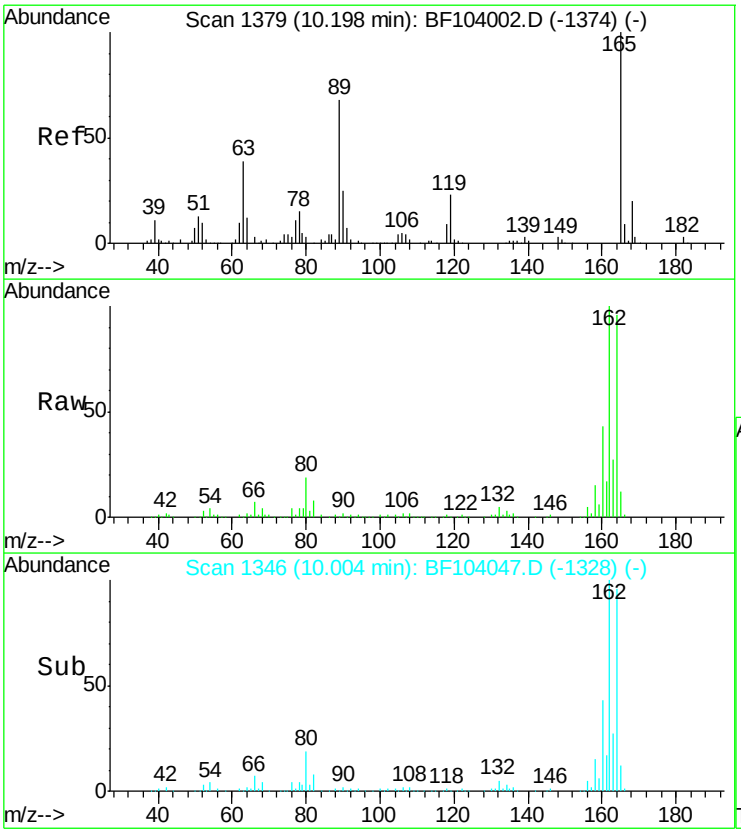
#50
2,6-Dinitrotoluene
Concen: 7.460 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.21 min
Lab File: BF104047.D
Acq: 29 Mar 2018 13:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 28102

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.9	44.0	66.0#

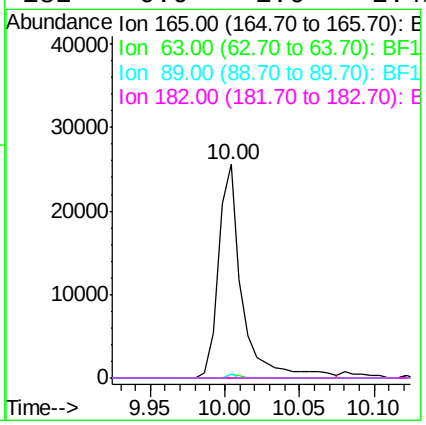


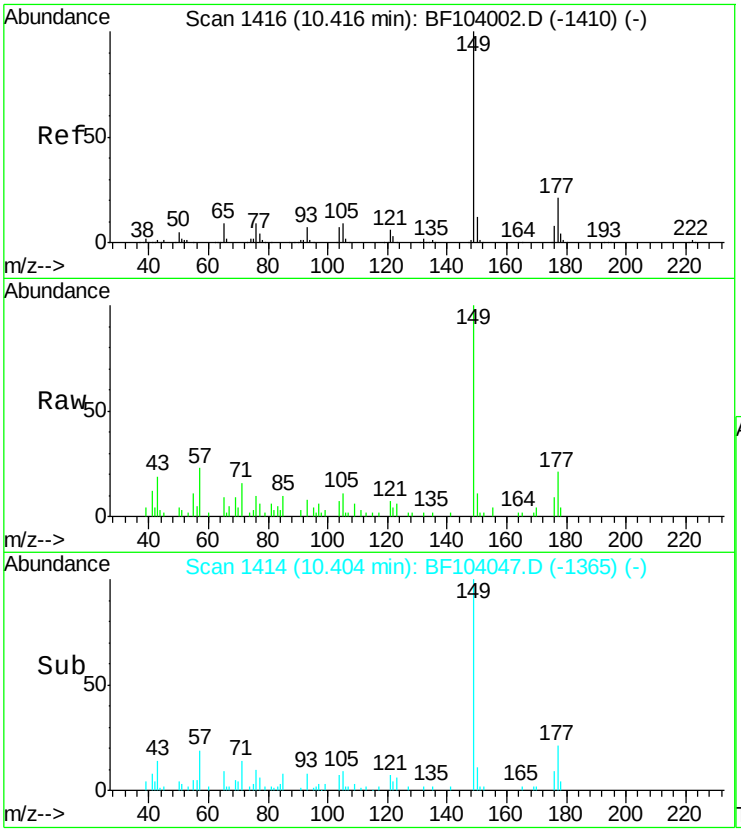


#56
2,4-Dinitrotoluene
Concen: 5.874 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.19 min
Lab File: BF104047.D
Acq: 29 Mar 2018 13:37

Tgt Ion:165 Resp: 28236

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#



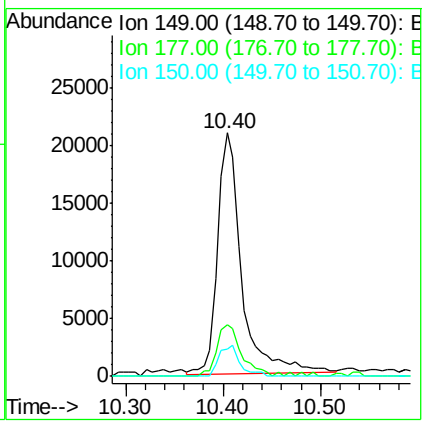


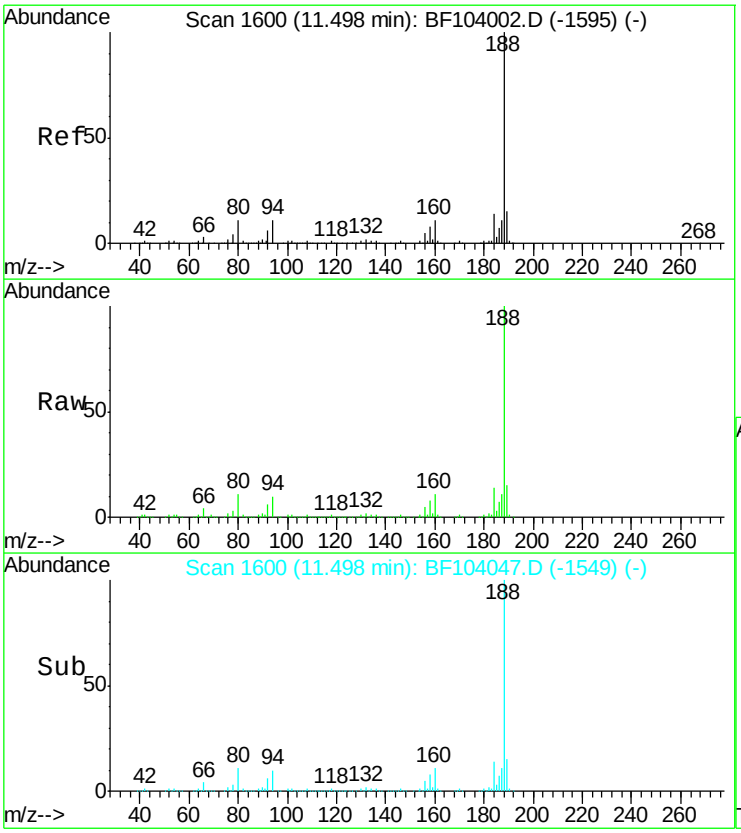
#59
Diethylphthalate
Concen: 2.158 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF104047.D
Acq: 29 Mar 2018 13:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 36194

Ion	Ratio	Lower	Upper
149	100		
177	21.4	16.1	24.1
150	11.2	10.1	15.1

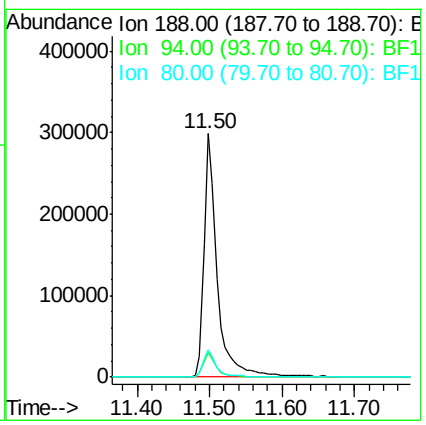


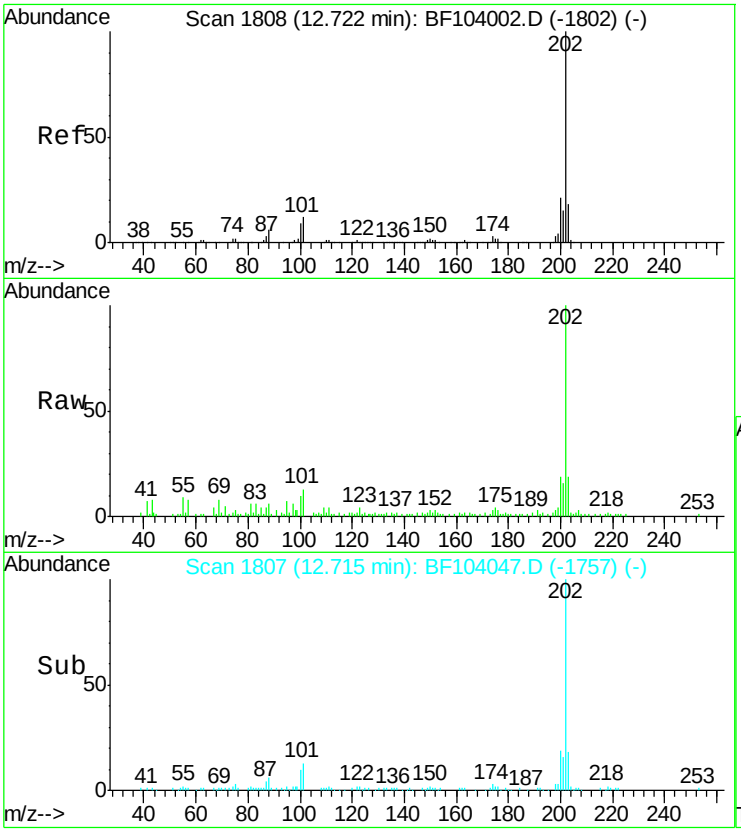


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104047.D
Acq: 29 Mar 2018 13:37

Tgt Ion:188 Resp: 381422

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.2	9.2	13.8



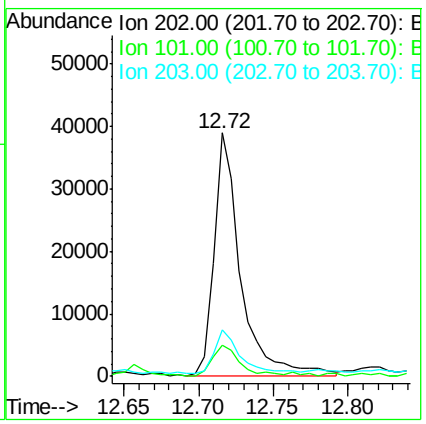


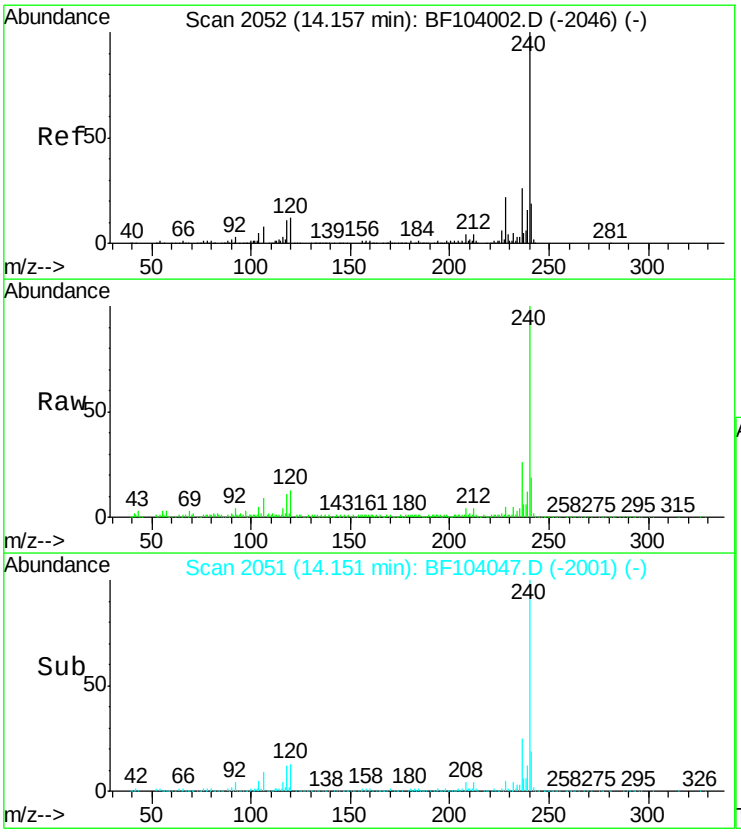
#74
Fluoranthene
Concen: 2.213 ng
RT: 12.72 min Scan# 1807
Delta R.T. -0.01 min
Lab File: BF104047.D
Acq: 29 Mar 2018 13:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 48579

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	34.1
203	19.0	0.0	38.1

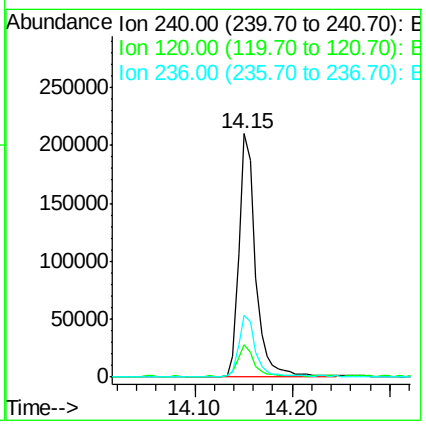


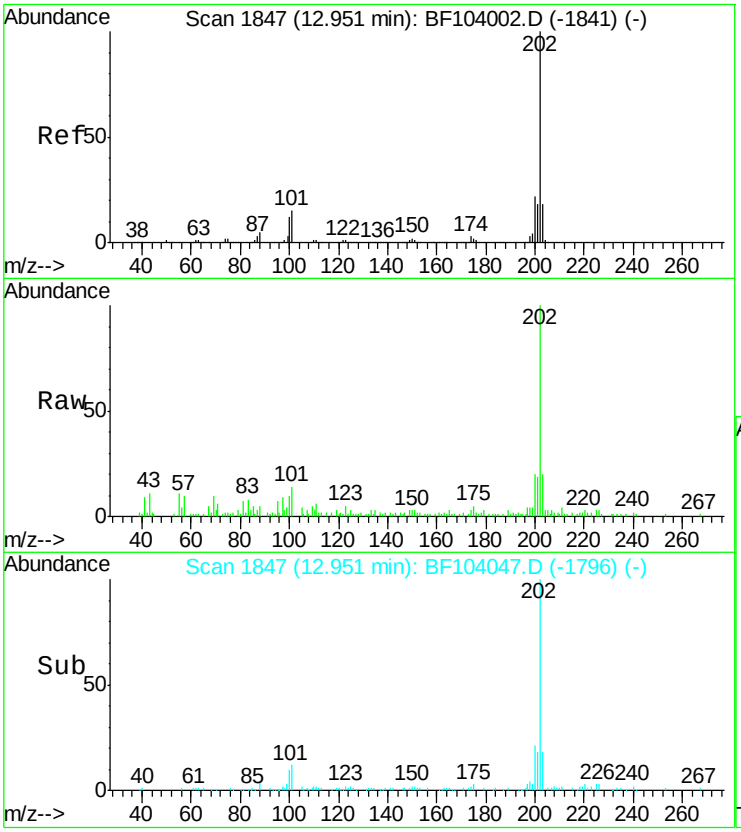


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF104047.D
Acq: 29 Mar 2018 13:37

Tgt Ion:240 Resp: 250409

Ion	Ratio	Lower	Upper
240	100		
120	13.4	9.5	14.3
236	25.6	20.7	31.1



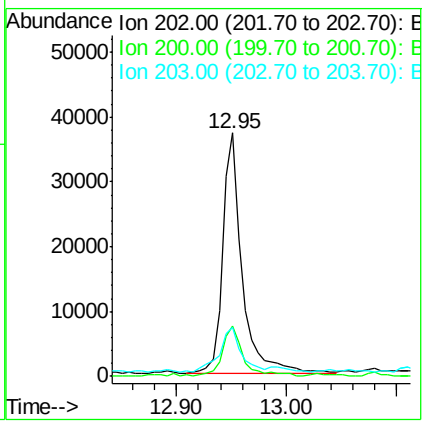


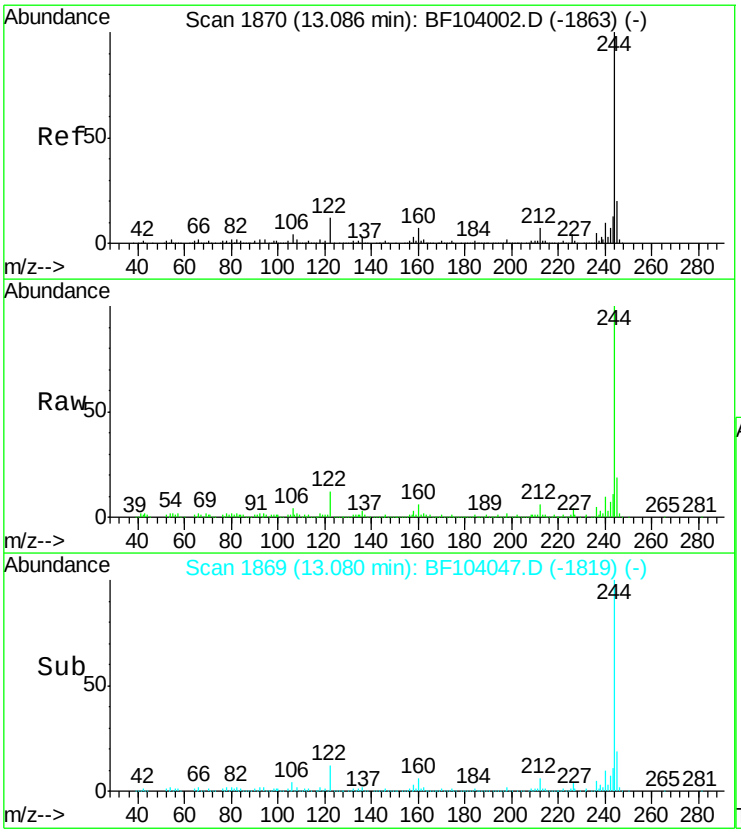
#77
Pyrene
Concen: 2.558 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BF104047.D
Acq: 29 Mar 2018 13:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 46050

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	20.4	14.3	21.5

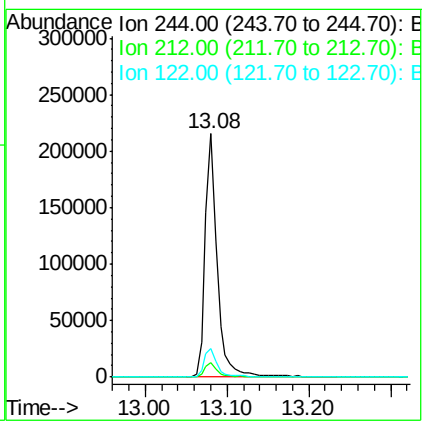


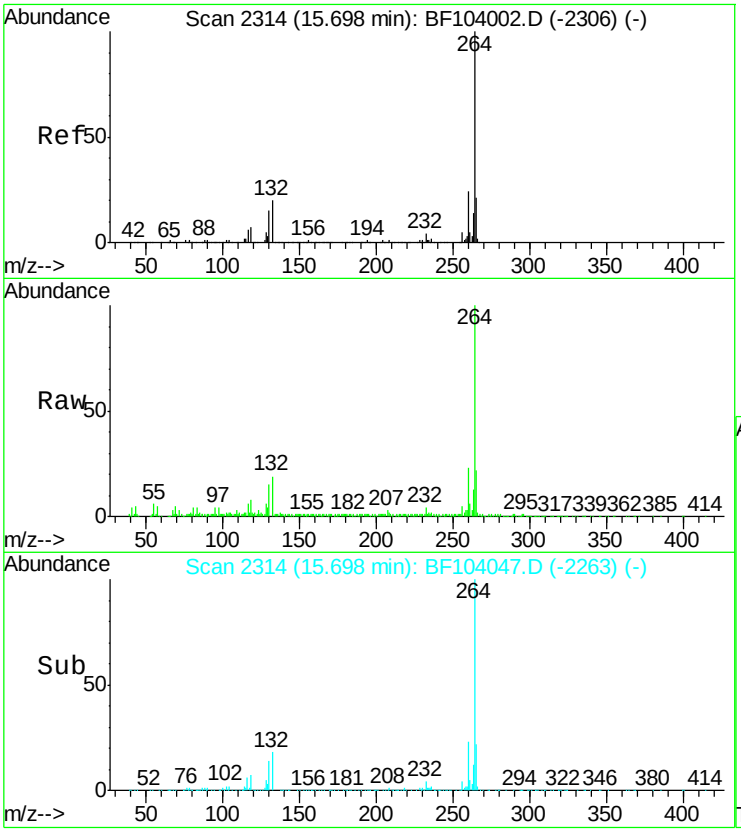


#78
Terphenyl-d14
Concen: 20.432 ng
RT: 13.08 min Scan# 1869
Delta R.T. -0.01 min
Lab File: BF104047.D
Acq: 29 Mar 2018 13:37

Tgt Ion:244 Resp: 221587

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.0
122	11.7	11.0	16.4



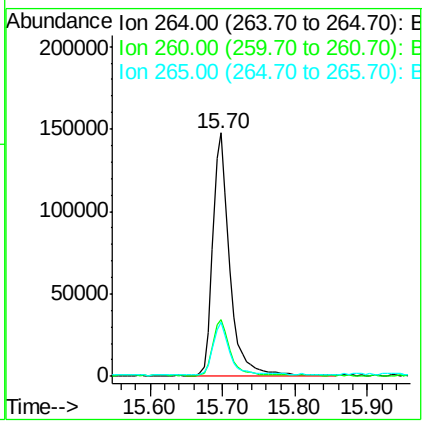


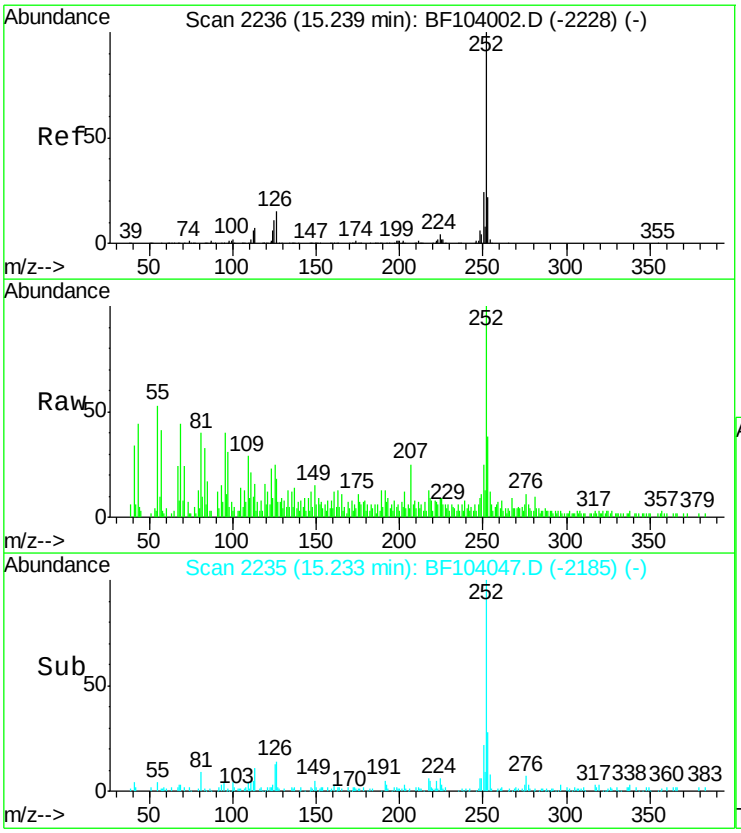
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BF104047.D
Acq: 29 Mar 2018 13:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 237056

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.5	17.5	26.3

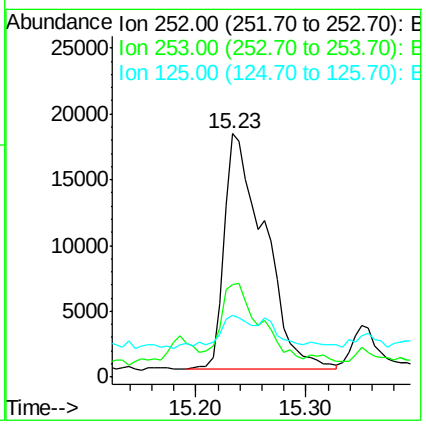


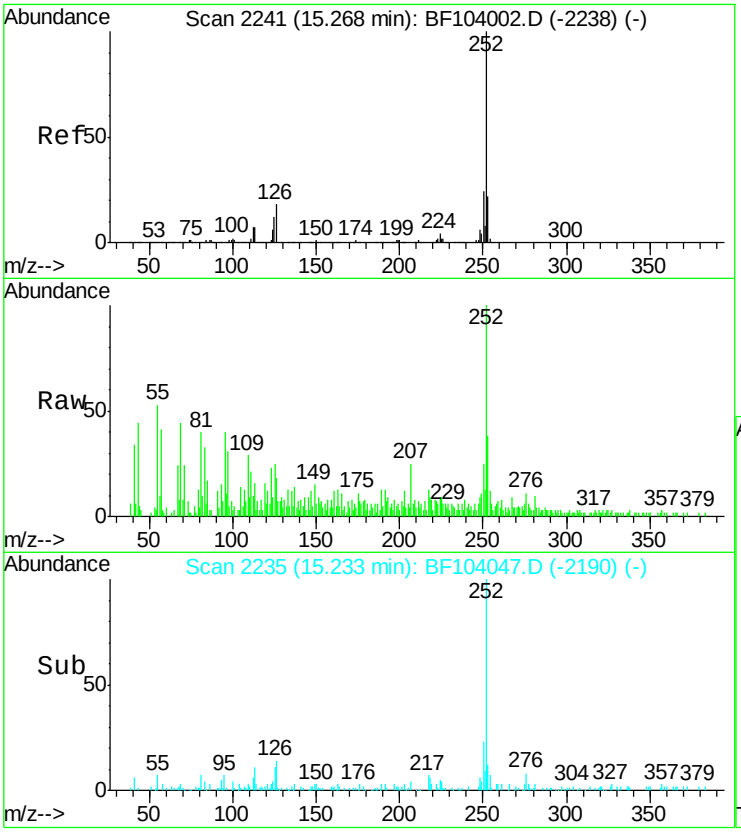


#87
Benzo(b)fluoranthene
Concen: 3.177 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF104047.D
Acq: 29 Mar 2018 13:37

Tgt Ion:252 Resp: 45828

Ion	Ratio	Lower	Upper
252	100		
253	38.1	17.0	25.6#
125	25.4	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 3.372 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.04 min
Lab File: BF104047.D
Acq: 29 Mar 2018 13:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 45828

Ion	Ratio	Lower	Upper
252	100		
253	38.1	17.9	26.9#
125	25.4	10.2	15.2#