Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
Data File : BF102091.D
Acq On : 16 Jan 2018 6:05
Operator : SJ/JU
Sample : J1116-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 16 07:08:52 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	165006	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	638536	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	242616	20.00	ng		-0.01
63) Phenanthrene-d10	11.23	188	334429	20.00	ng		-0.01
75) Chrysene-d12	13.87	240	298570	20.00	ng		-0.01
86) Perylene-d12	15.29	264	230026	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1033404	88.44	ng		0.00
7) Phenol-d6	6.36	99	1192682	85.55	ng		0.00
23) Nitrobenzene-d5	7.29	82	741364	68.23	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	180459	85.23	ng		-0.01
44) 2-Fluorobiphenyl	9.08	172	1151380	74.14	ng		-0.01
78) Terphenyl-d14	12.82	244	759605	52.82	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	99293	10.868	ng	#	80
25) Isophorone	7.29	82	741107	34.518	ng	#	64
49) Dimethylphthalate	9.47	163	106466	5.470	ng		97
56) 2,4-Dinitrotoluene	9.75	165	29401	6.034	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.53	198	392	5.853	ng	#	1
66) 4-Bromophenyl-phenylether	10.54	248	12161	3.443	ng	#	1
70) Phenanthrene	11.26	178	45865	2.348	ng		96
74) Fluoranthene	12.44	202	73974	3.849	ng		98
77) Pyrene	12.67	202	67723	2.566	ng		98
83) Bis(2-ethylhexyl)phthalate	13.86	149	43328	3.118	ng		94
87) Benzo(b)fluoranthene	14.88	252	53580	3.572	ng	#	75
88) Benzo(k)fluoranthene	14.88	252	53580	3.703	ng	#	79

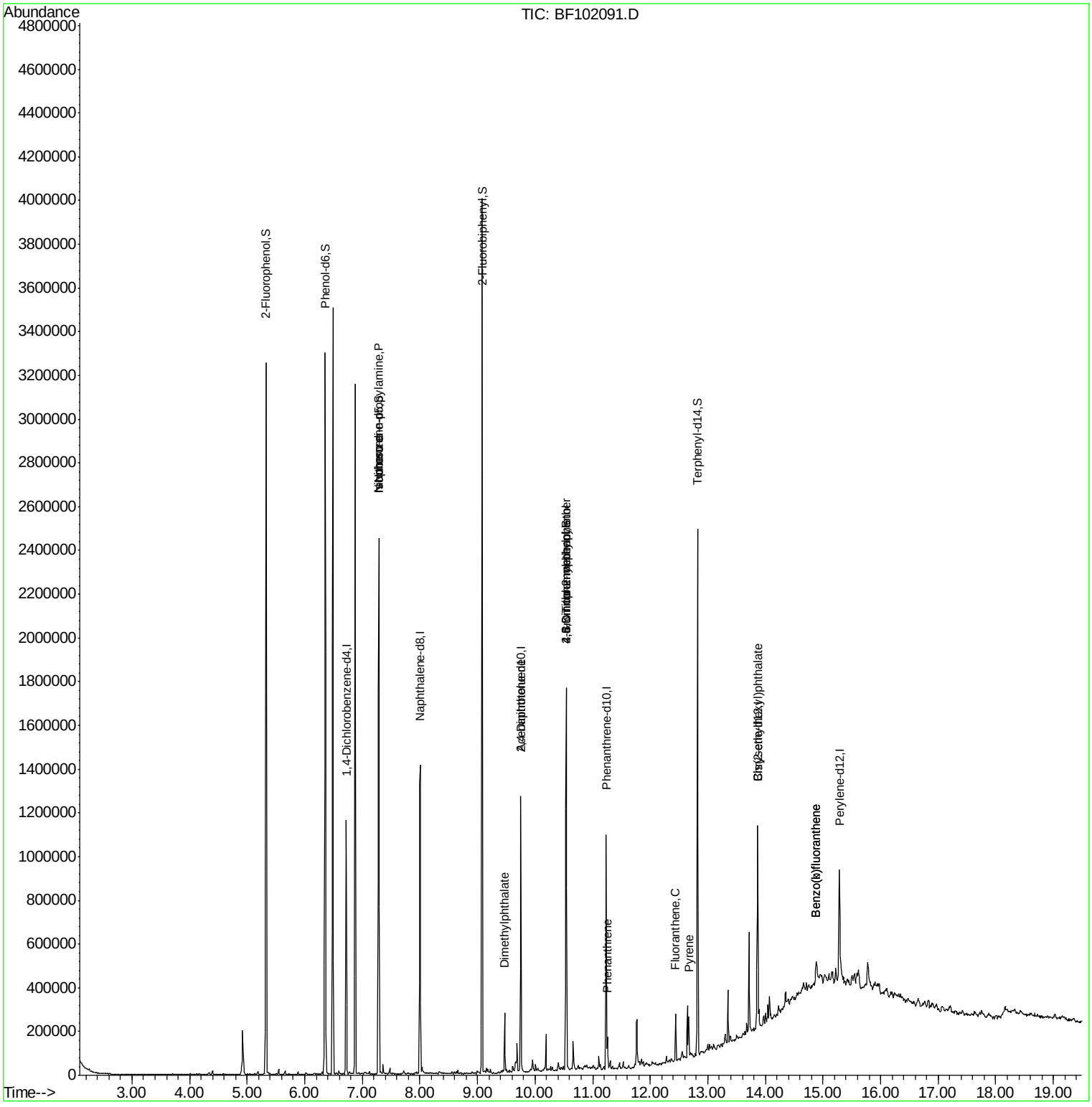
(#) = qualifier out of range (m) = manual integration (+) = signals summed

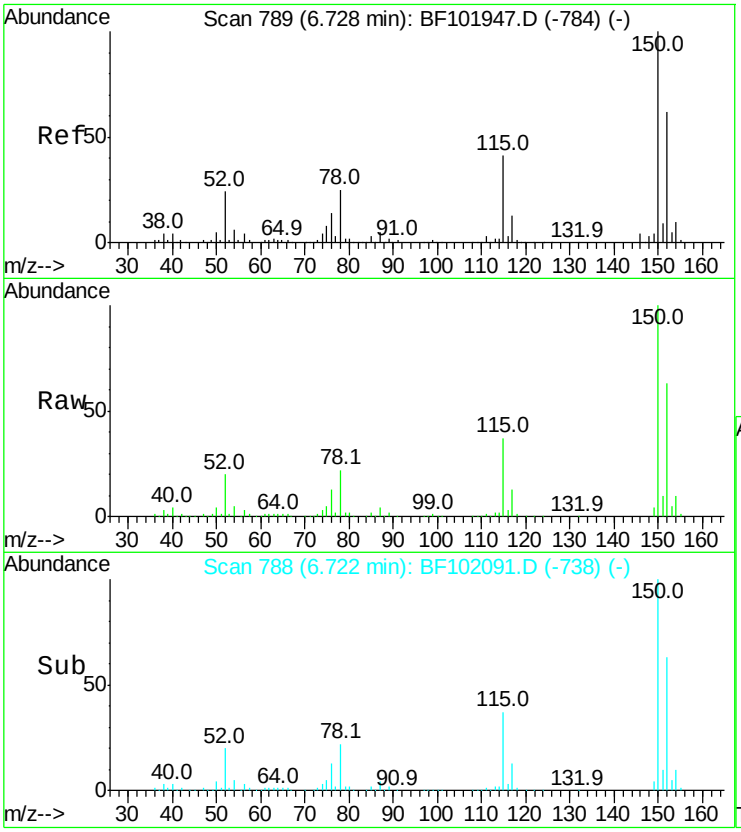
Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
Data File : BF102091.D
Acq On : 16 Jan 2018 6:05
Operator : SJ/JU
Sample : J1116-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 16 07:08:52 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
Response via : Initial Calibration



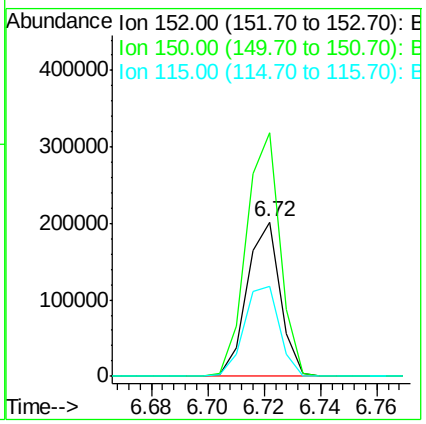


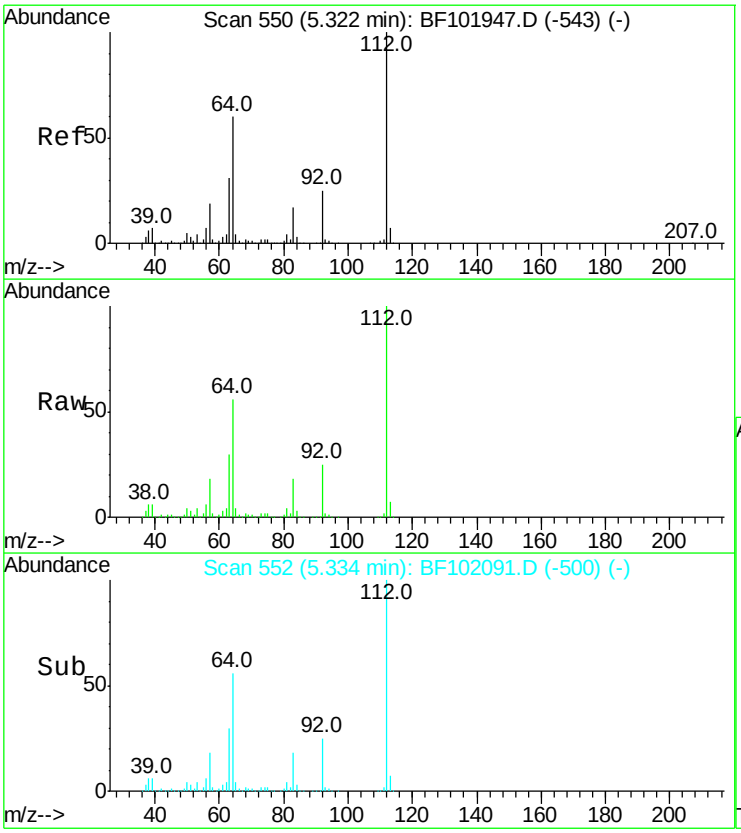
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102091.D
Acq: 16 Jan 2018 6:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 165006

Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	58.6	50.1	75.1

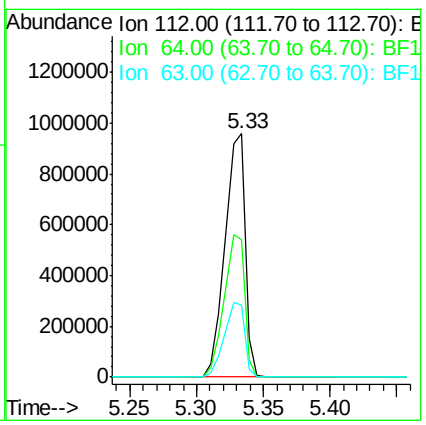


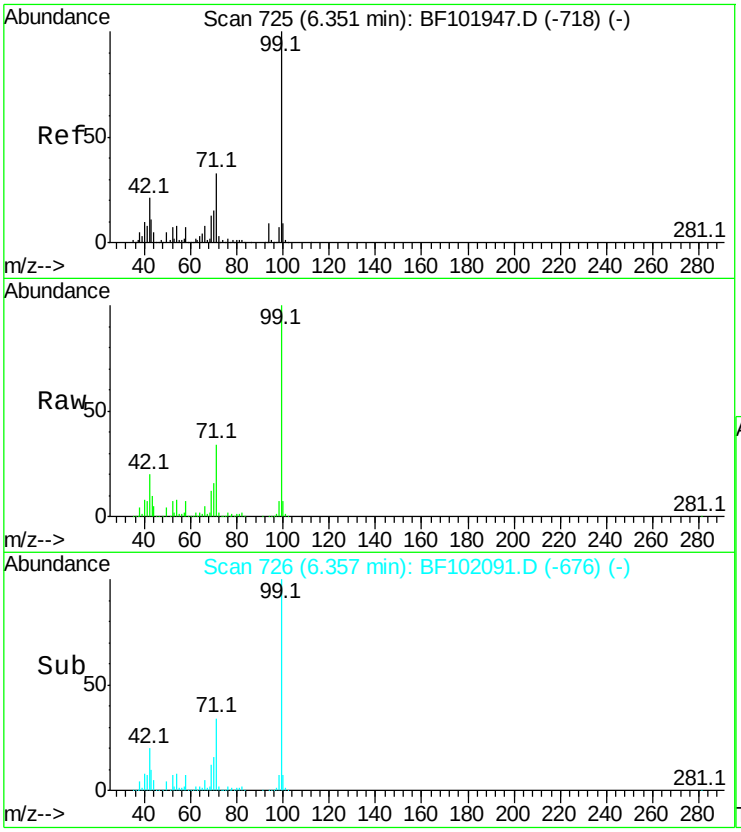


#5
2-Fluorophenol
Concen: 88.436 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102091.D
Acq: 16 Jan 2018 6:05

Tgt Ion:112 Resp: 1033404

Ion	Ratio	Lower	Upper
112	100		
64	56.3	47.9	71.9
63	29.5	23.7	35.5



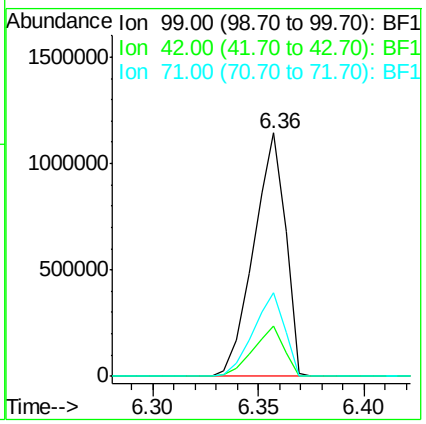


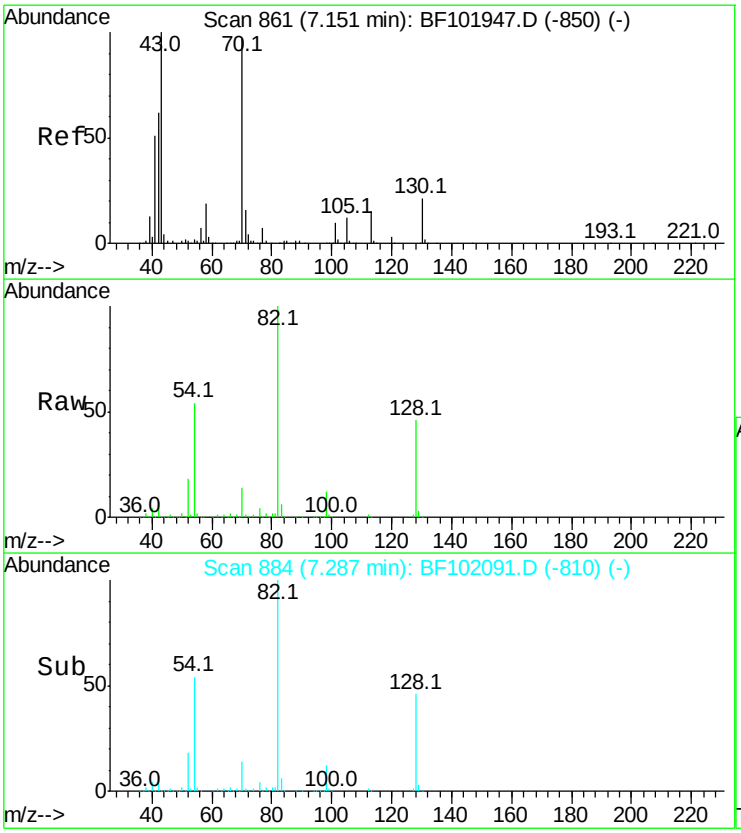
#7
Phenol-d6
Concen: 85.547 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF102091.D
Acq: 16 Jan 2018 6:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1192682

Ion	Ratio	Lower	Upper
99	100		
42	20.4	14.5	21.7
71	34.5	25.4	38.0

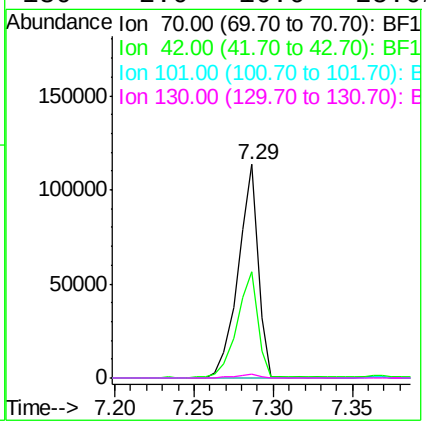


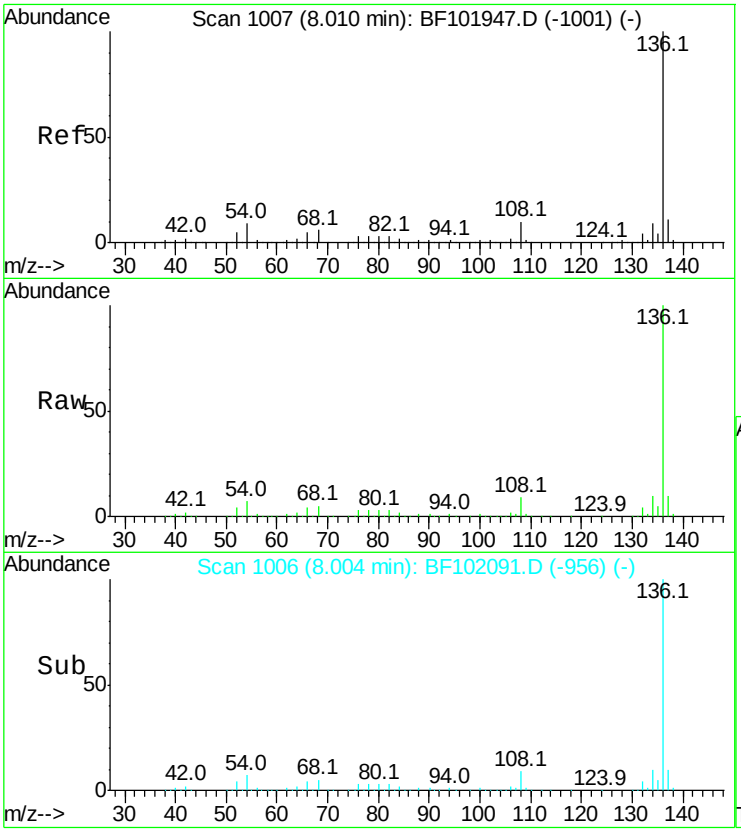


#19
n-Nitroso-di-n-propylamine
Concen: 10.868 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF102091.D
Acq: 16 Jan 2018 6:05

Tgt Ion: 70 Resp: 99293

Ion	Ratio	Lower	Upper
70	100		
42	49.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



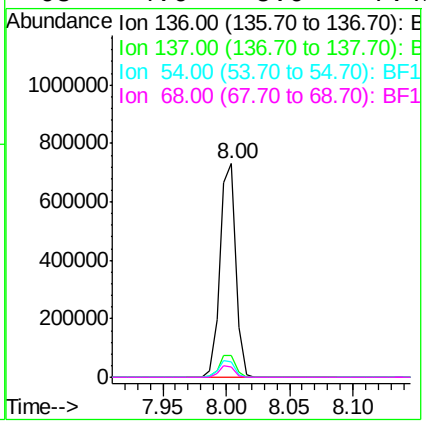


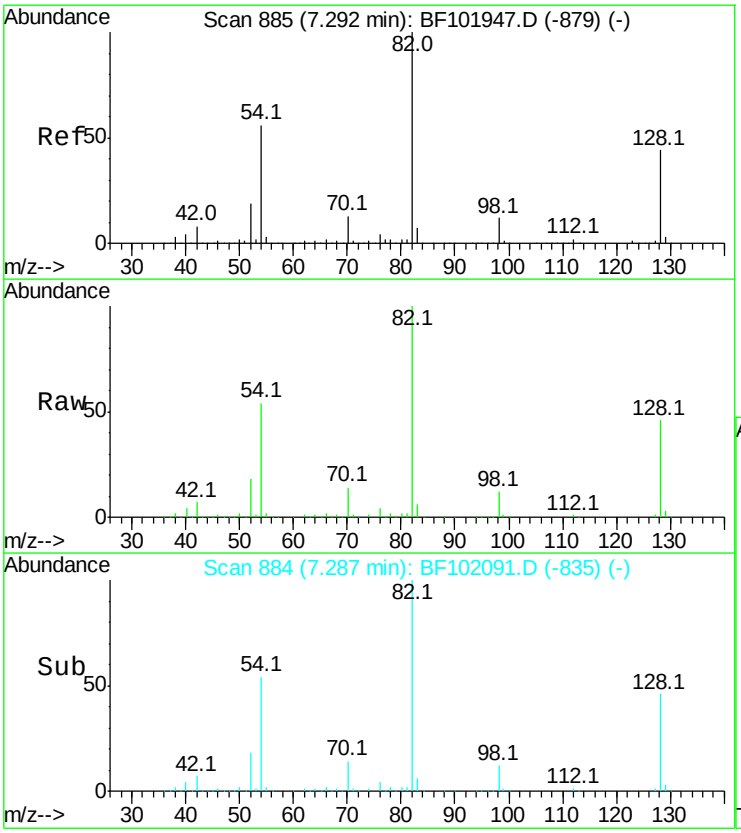
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102091.D
Acq: 16 Jan 2018 6:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 638536

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.0	6.6	9.8
68	4.6	5.0	7.4#

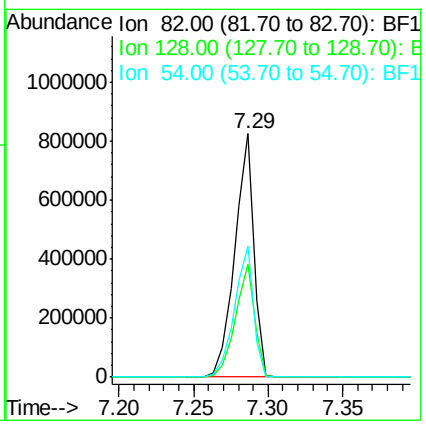


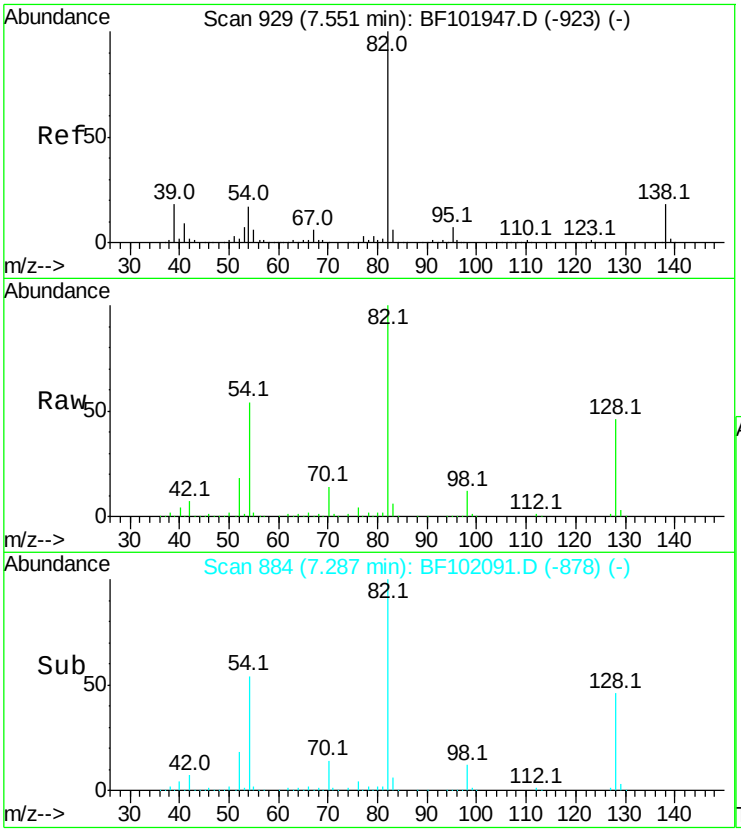


#23
Nitrobenzene-d5
Concen: 68.227 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102091.D
Acq: 16 Jan 2018 6:05

Tgt Ion: 82 Resp: 741364

Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	53.9	41.4	62.2



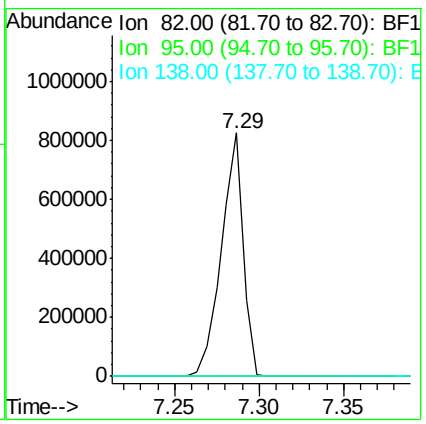


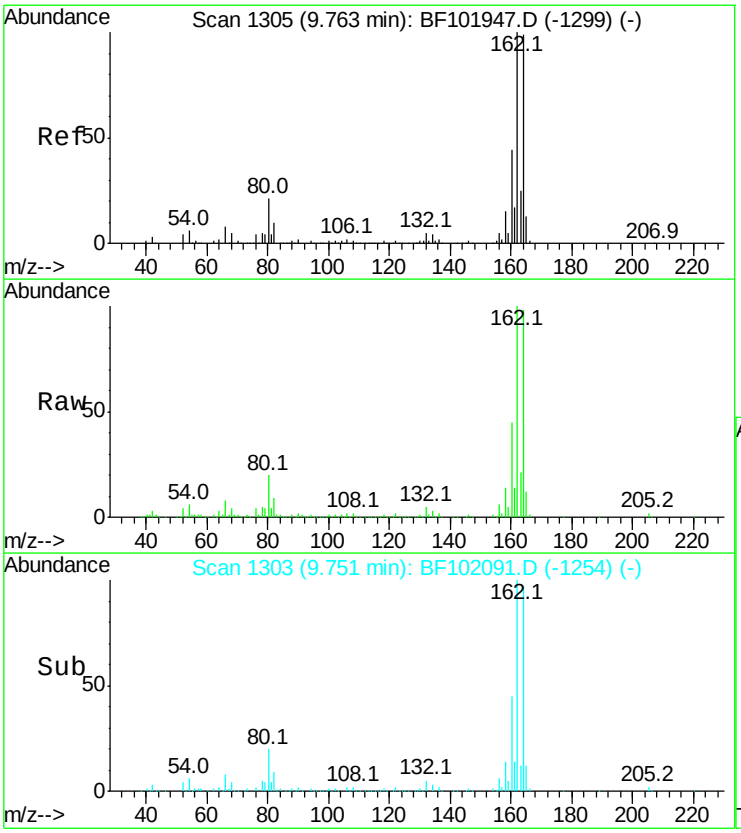
#25
Isophorone
Concen: 34.518 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF102091.D
Acq: 16 Jan 2018 6:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 741107

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

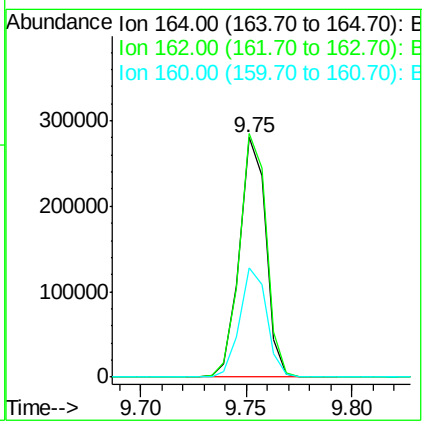


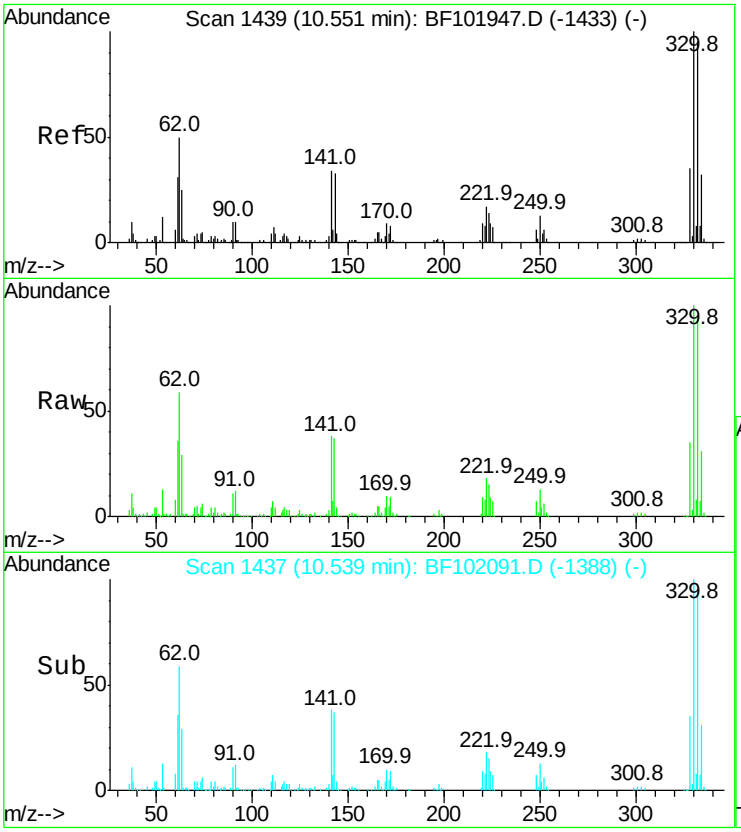


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102091.D
Acq: 16 Jan 2018 6:05

Tgt Ion:164 Resp: 242616

Ion	Ratio	Lower	Upper
164	100		
162	101.8	86.1	129.1
160	45.9	38.3	57.5



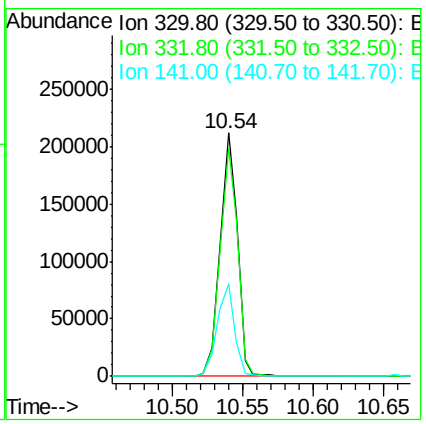


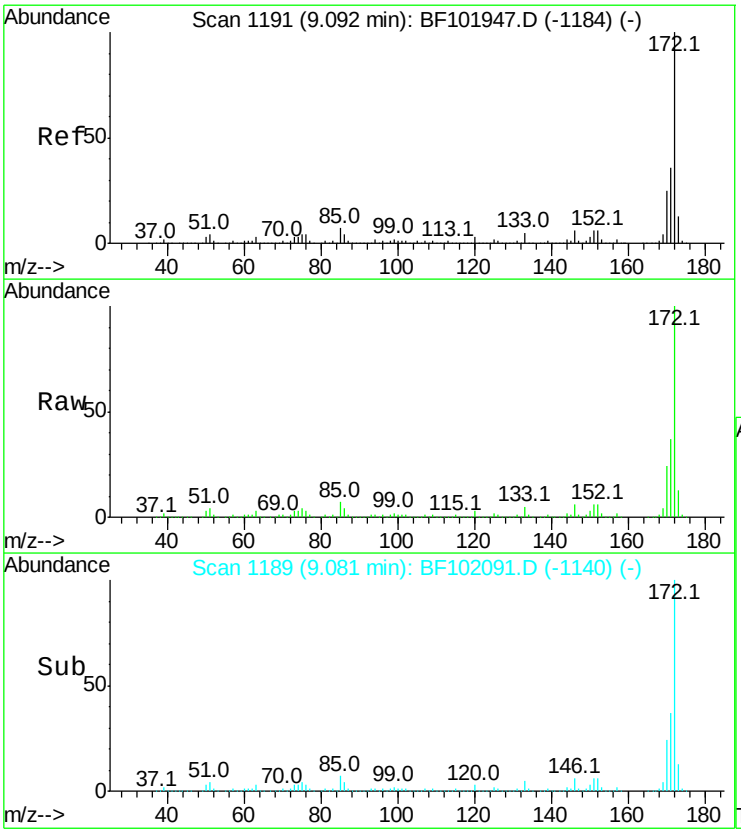
#41
2,4,6-Tribromophenol
Concen: 85.232 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF102091.D
Acq: 16 Jan 2018 6:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 180459

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	38.8	29.9	44.9

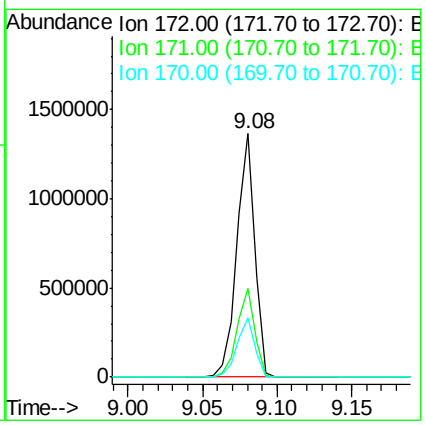


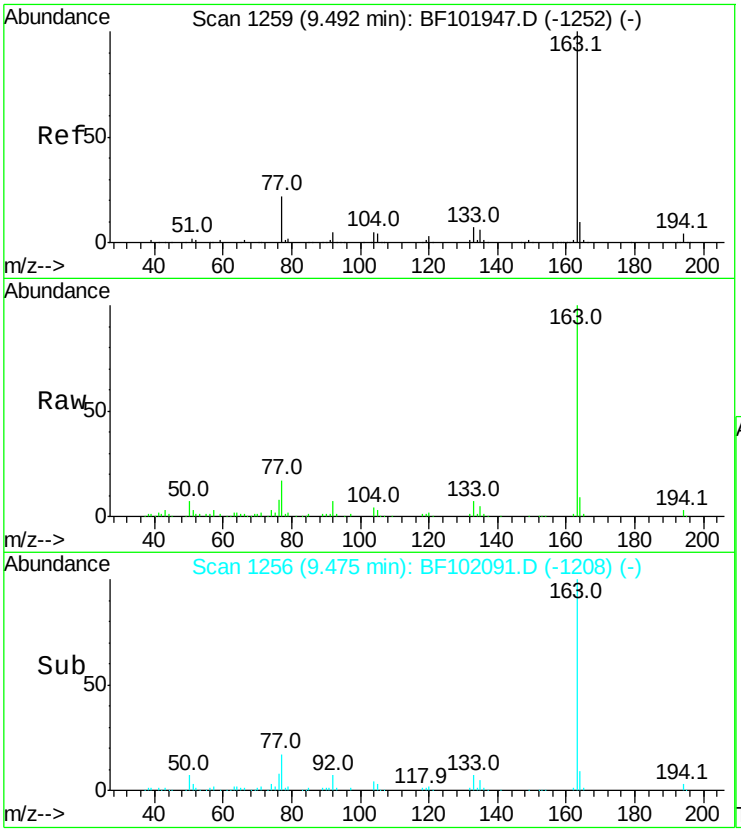


#44
2-Fluorobiphenyl
Concen: 74.141 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102091.D
Acq: 16 Jan 2018 6:05

Tgt Ion:172 Resp: 1151380

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.2	19.6	29.4



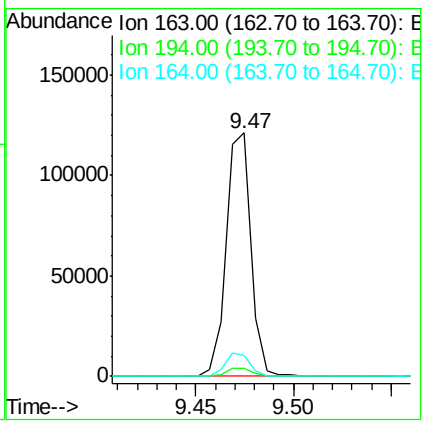


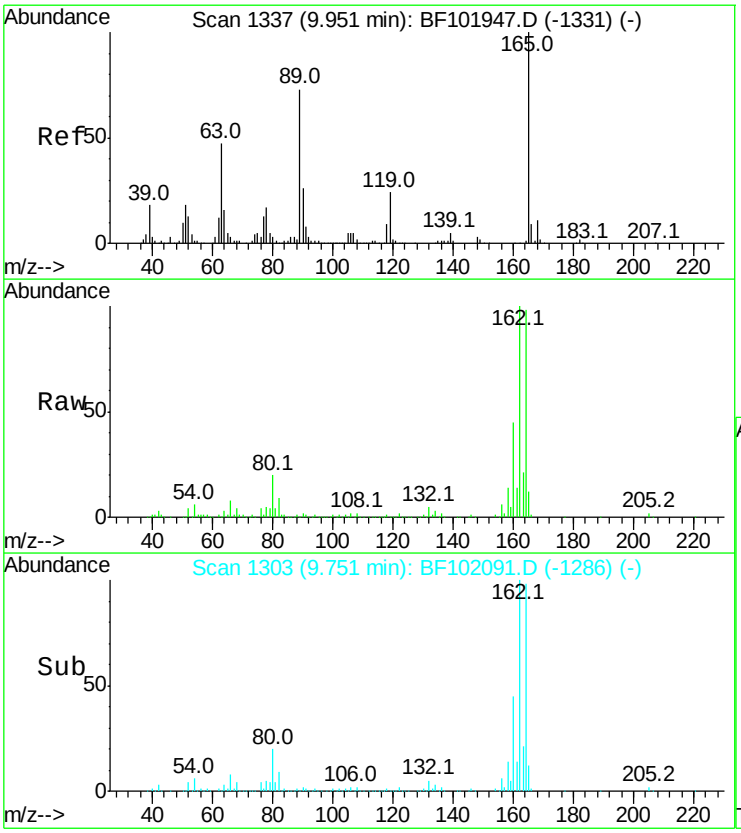
#49
Dimethylphthalate
Concen: 5.470 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102091.D
Acq: 16 Jan 2018 6:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 106466

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	8.6	8.2	12.2

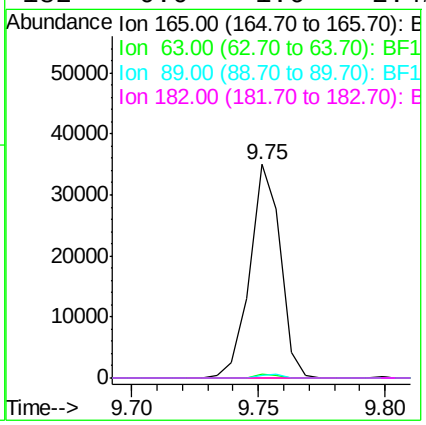


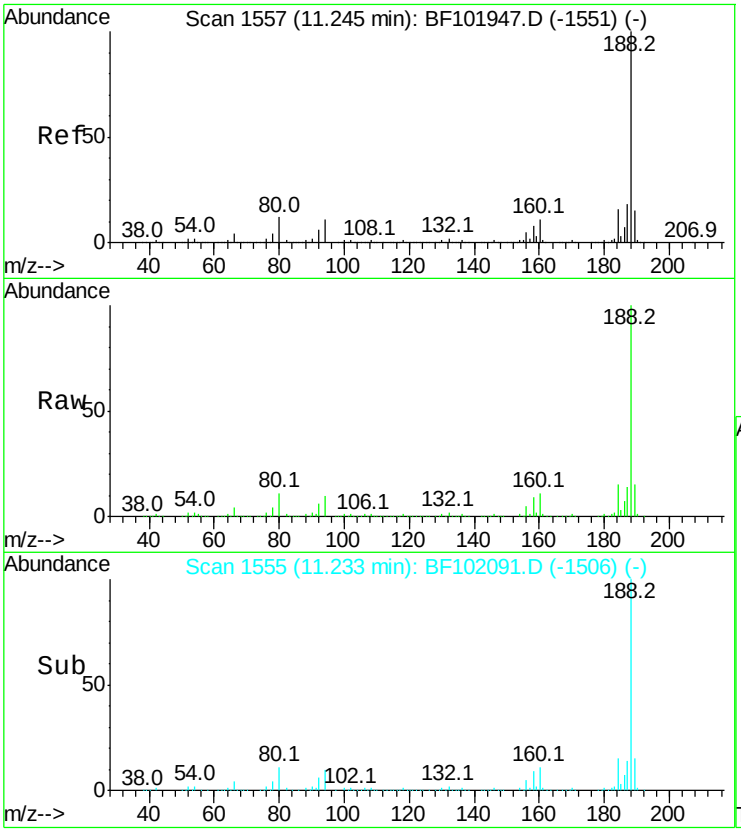


#56
2,4-Dinitrotoluene
Concen: 6.034 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF102091.D
Acq: 16 Jan 2018 6:05

Tgt Ion:165 Resp: 29401

Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



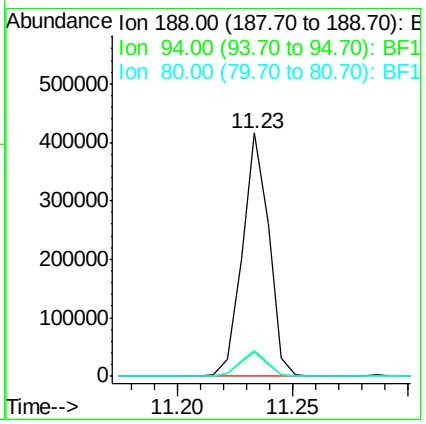


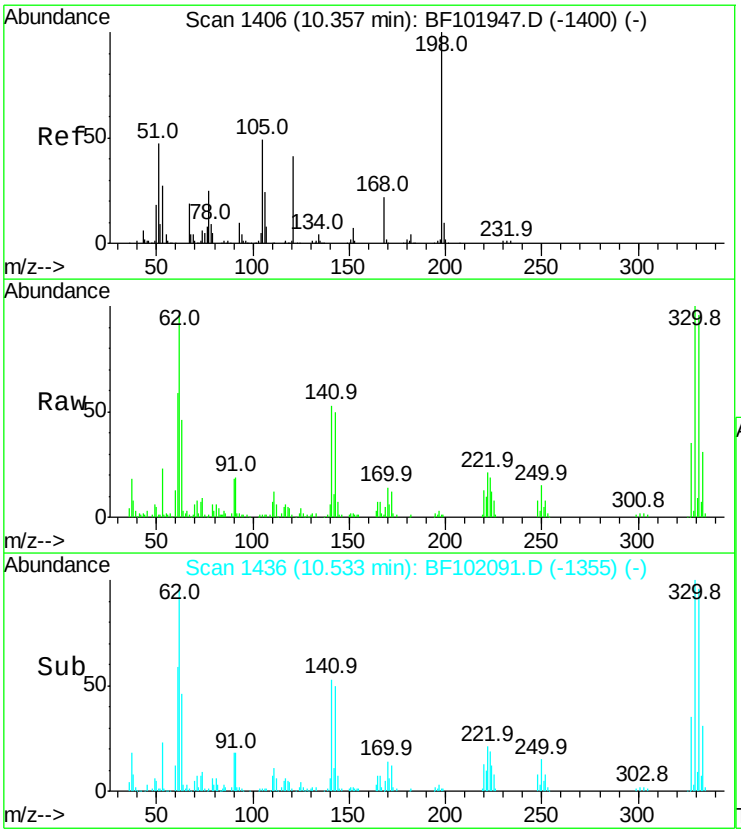
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102091.D
Acq: 16 Jan 2018 6:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 334429

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	10.9	9.2	13.8

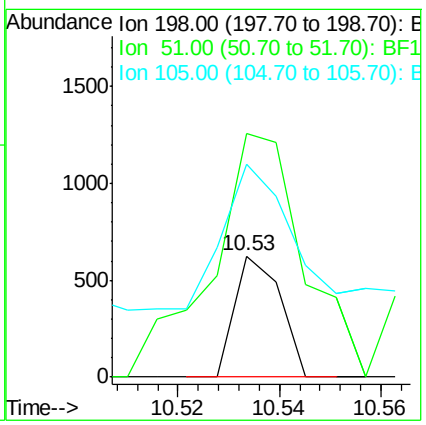


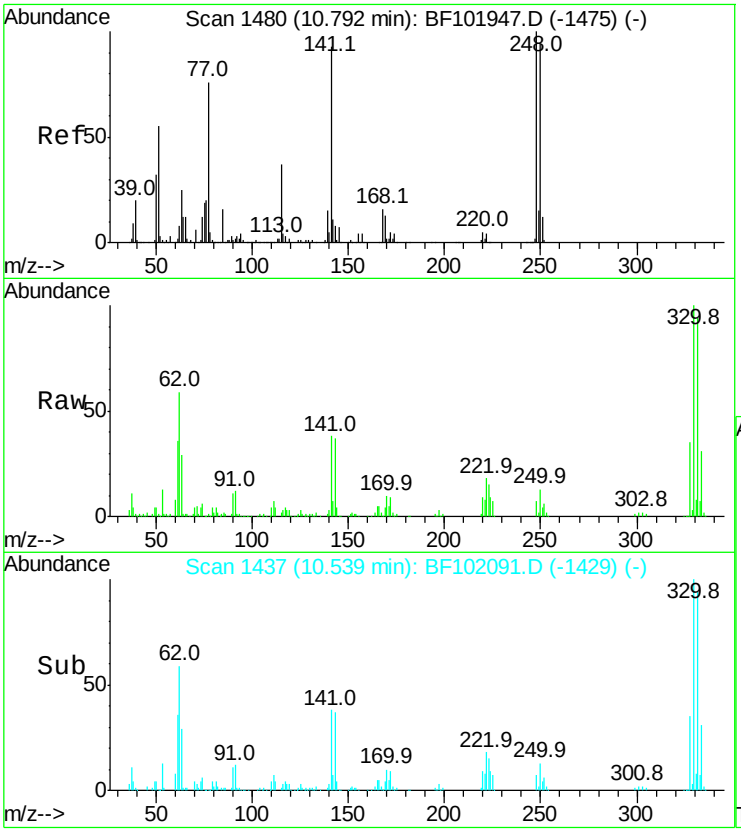


#64
4,6-Dinitro-2-methylphenol
Concen: 5.853 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.18 min
Lab File: BF102091.D
Acq: 16 Jan 2018 6:05

Tgt Ion:198 Resp: 392

Ion	Ratio	Lower	Upper
198	100		
51	201.4	37.7	77.7#
105	176.4	36.3	76.3#



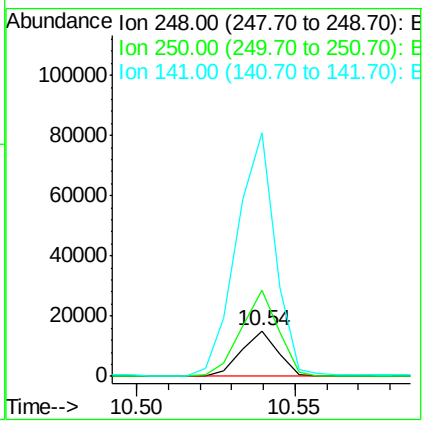


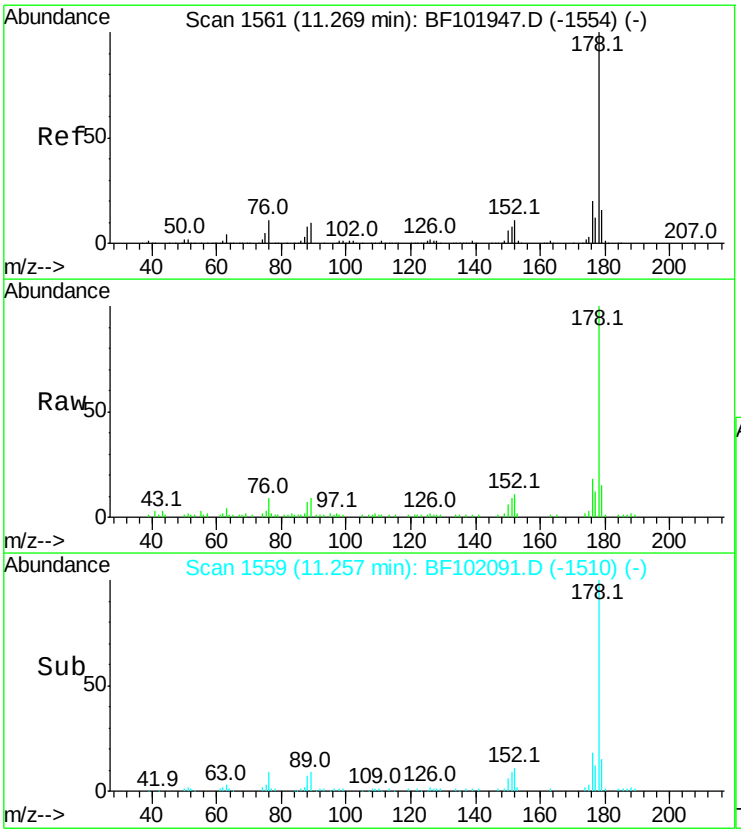
#66
4-Bromophenyl-phenylether
Concen: 3.443 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF102091.D
Acq: 16 Jan 2018 6:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 12161

Ion	Ratio	Lower	Upper
248	100		
250	188.4	76.9	115.3#
141	532.7	74.4	111.6#

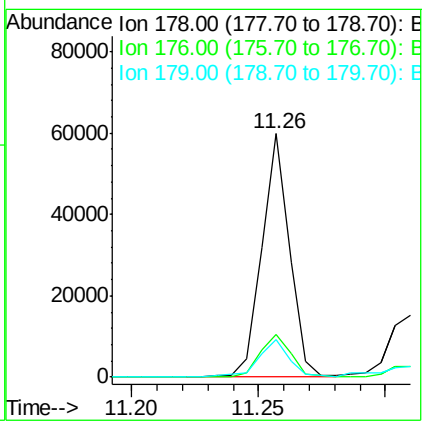


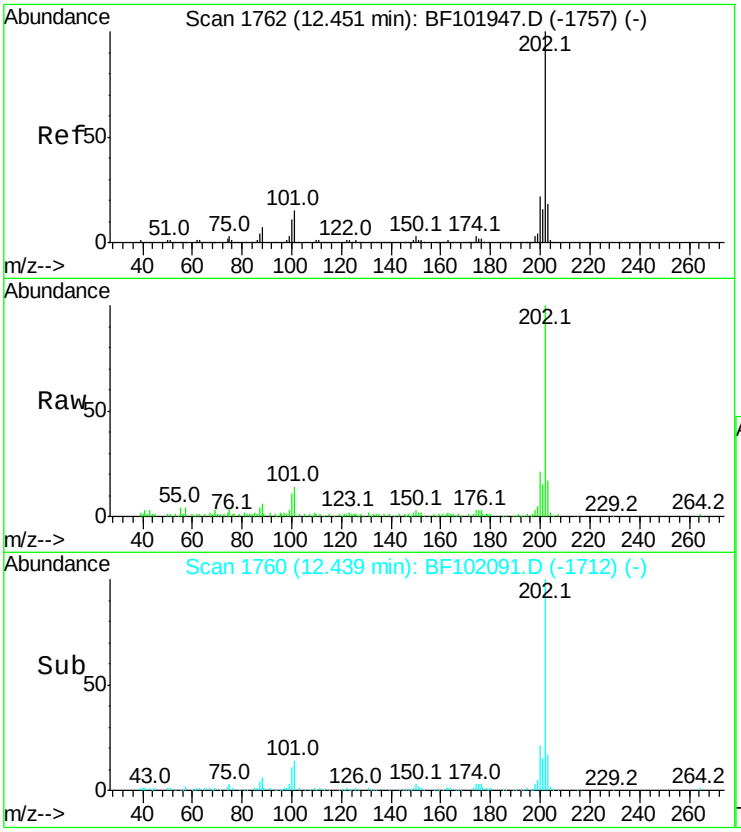


#70
Phenanthrene
Concen: 2.348 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF102091.D
Acq: 16 Jan 2018 6:05

Tgt Ion:178 Resp: 45865

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.8	23.8
179	15.2	13.0	19.6



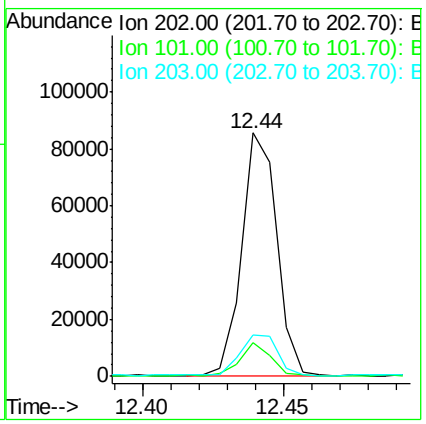


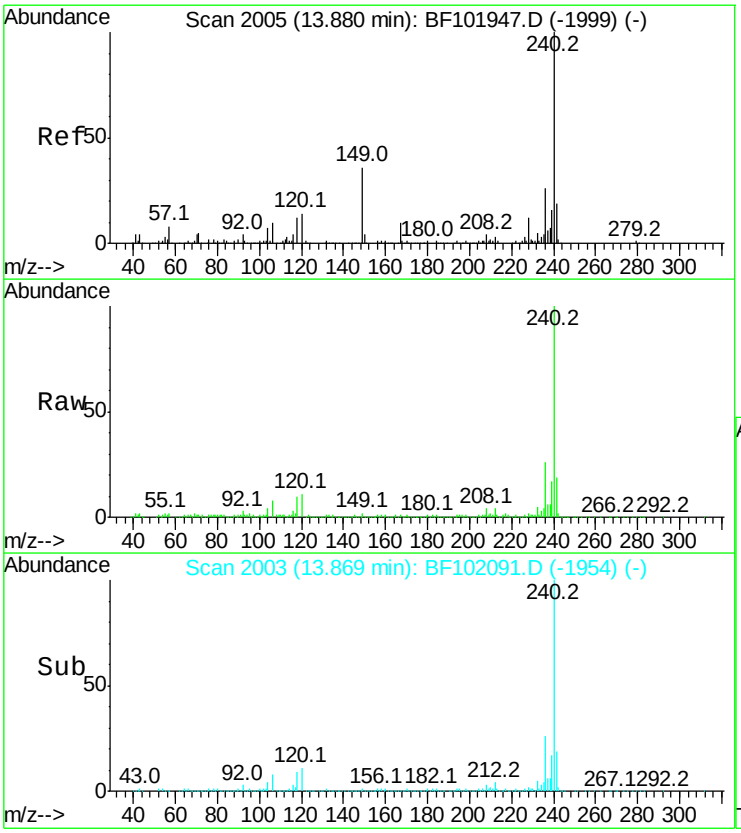
#74
Fluoranthene
Concen: 3.849 ng
RT: 12.44 min Scan# 1760
Delta R.T. -0.02 min
Lab File: BF102091.D
Acq: 16 Jan 2018 6:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 73974

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	34.1
203	17.1	0.0	38.1

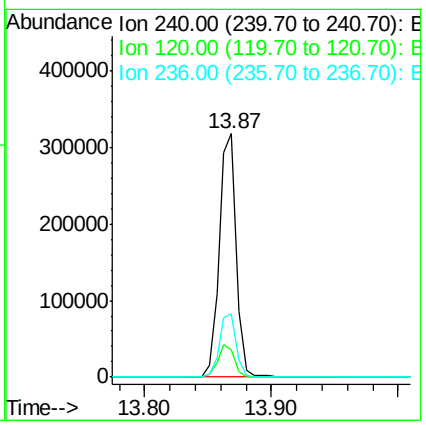


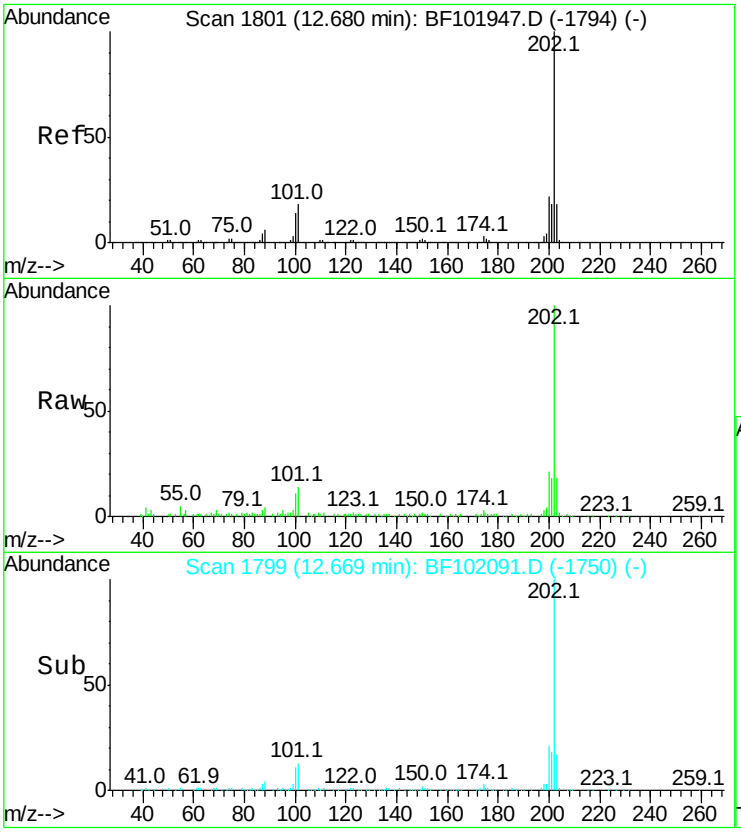


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102091.D
Acq: 16 Jan 2018 6:05

Tgt Ion:240 Resp: 298570

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.5	14.3
236	26.0	20.7	31.1



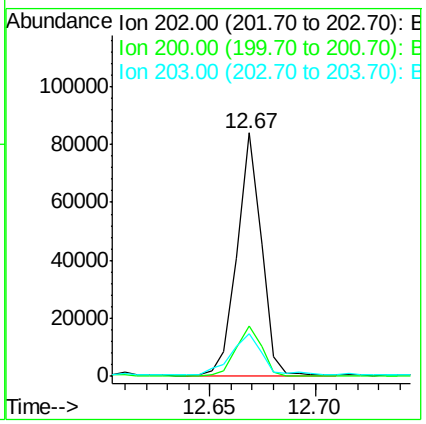


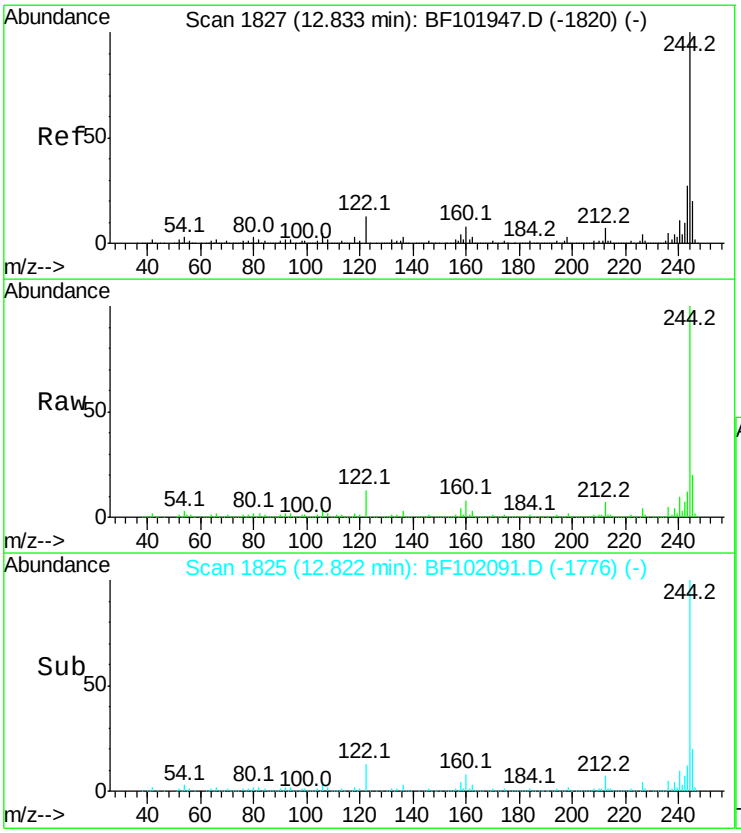
#77
Pyrene
Concen: 2.566 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF102091.D
Acq: 16 Jan 2018 6:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 67723

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	17.7	14.3	21.5

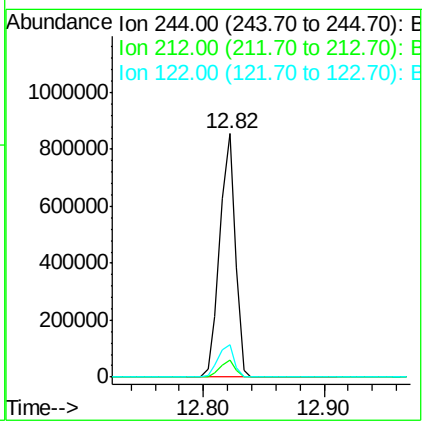


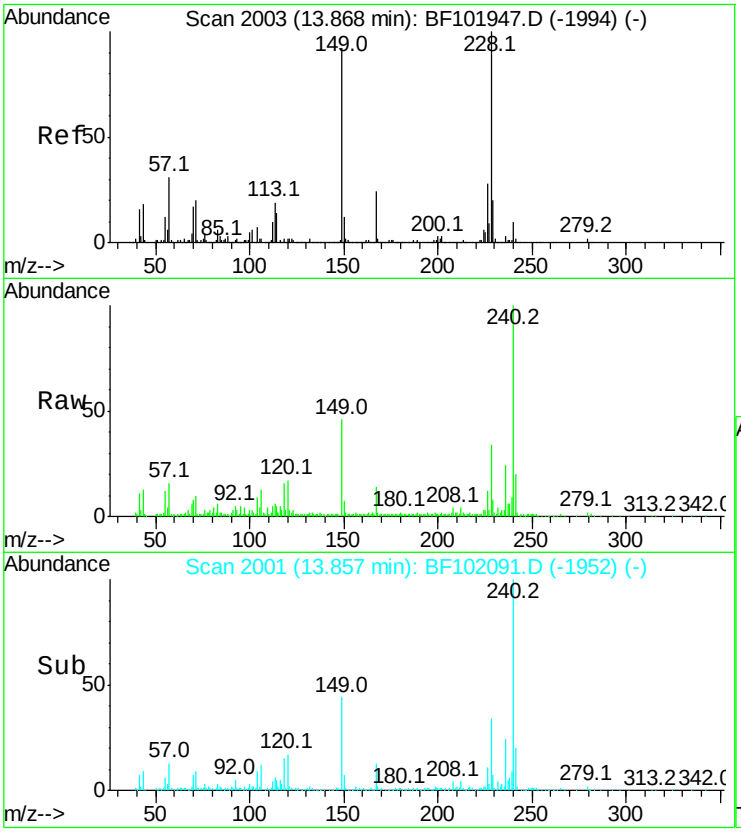


#78
Terphenyl-d14
Concen: 52.823 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF102091.D
Acq: 16 Jan 2018 6:05

Tgt Ion:244 Resp: 759605

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.3	11.0	16.4



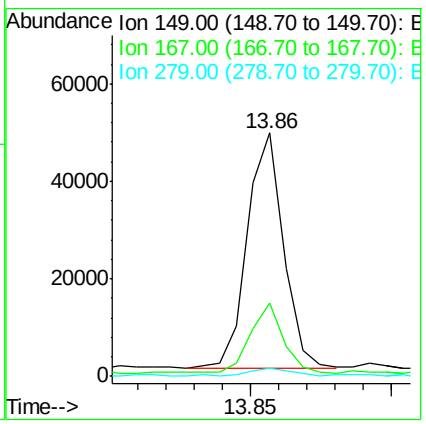


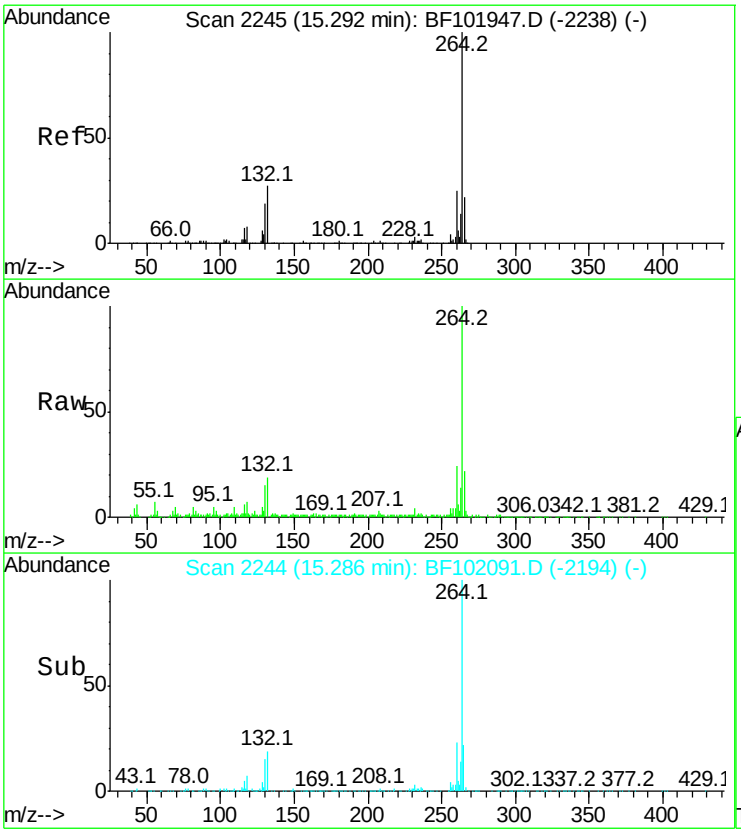
#83
Bis(2-ethylhexyl)phthalate
Concen: 3.118 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF102091.D
Acq: 16 Jan 2018 6:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 43328

Ion	Ratio	Lower	Upper
149	100		
167	30.0	21.3	31.9
279	3.3	3.0	4.4

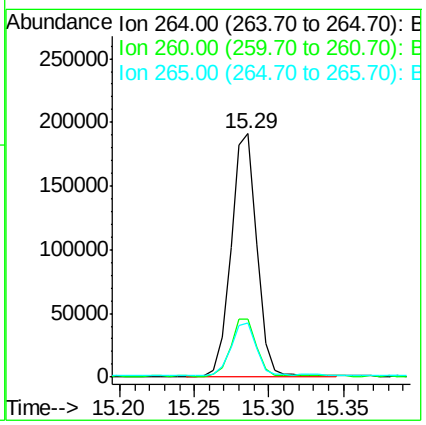


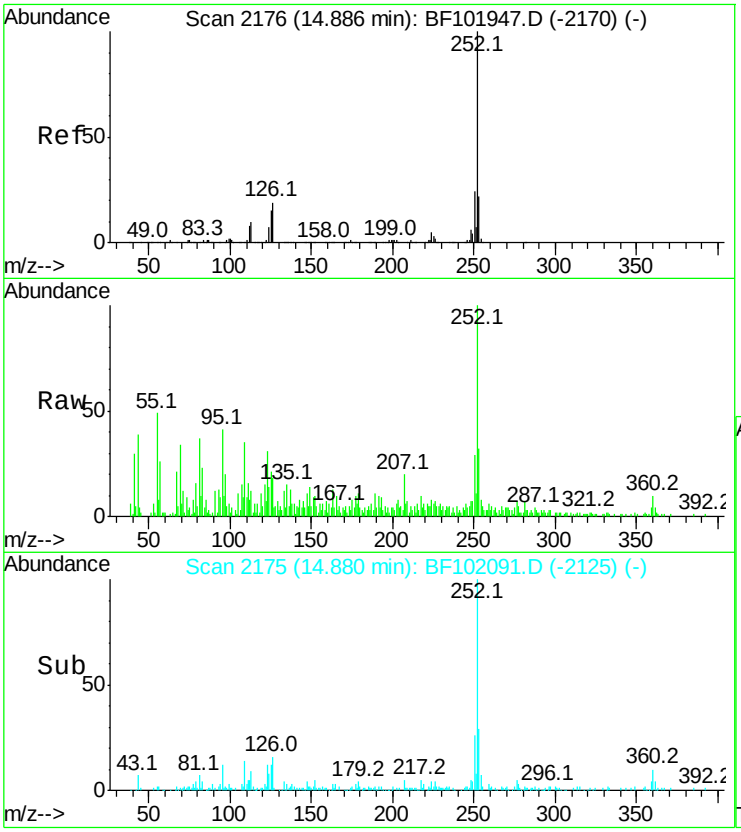


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. -0.01 min
Lab File: BF102091.D
Acq: 16 Jan 2018 6:05

Tgt Ion:264 Resp: 230026

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.2	17.5	26.3



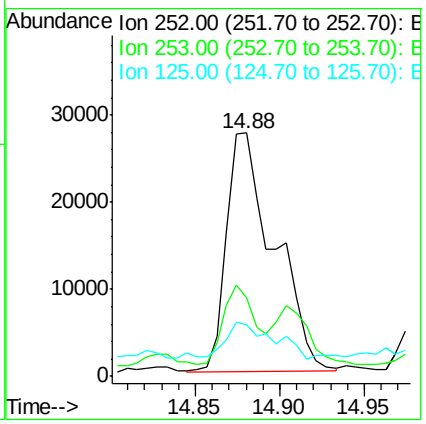


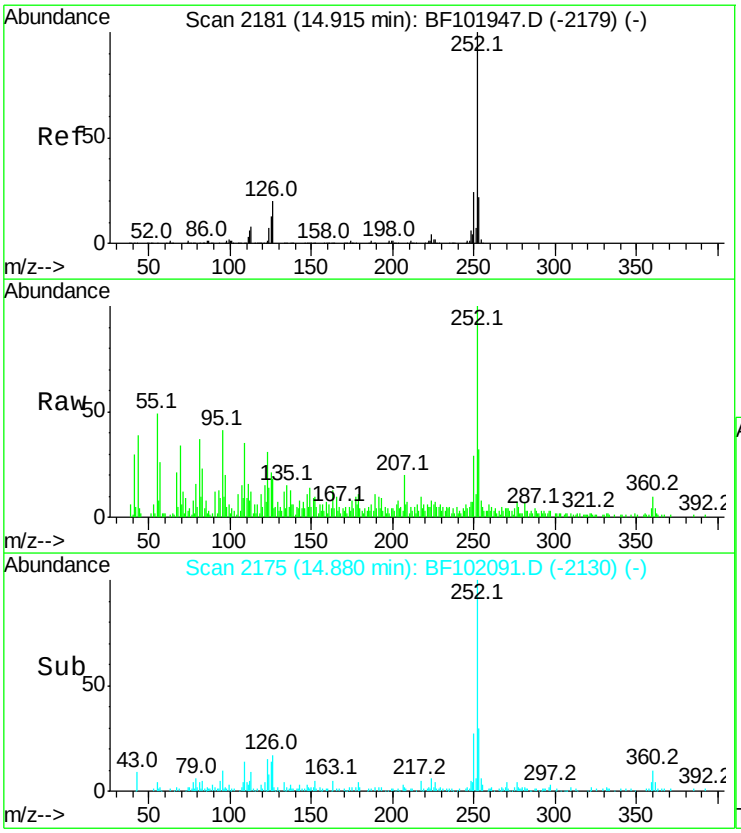
#87
Benzo(b)fluoranthene
Concen: 3.572 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BF102091.D
Acq: 16 Jan 2018 6:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 53580

Ion	Ratio	Lower	Upper
252	100		
253	32.5	17.0	25.6#
125	21.3	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 3.703 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.04 min
Lab File: BF102091.D
Acq: 16 Jan 2018 6:05

Tgt Ion:252 Resp: 53580

Ion	Ratio	Lower	Upper
252	100		
253	32.5	17.9	26.9#
125	21.3	10.2	15.2#