Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
Data File : BF104865.D
Acq On : 27 Apr 2018 6:31
Operator : JU/SJ
Sample : J2520-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 27 11:09:45 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 25 14:01:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	109645	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	447496	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	183332	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	289246	20.00	ng	0.00
75) Chrysene-d12	13.97	240	235677	20.00	ng	-0.01
86) Perylene-d12	15.44	264	181038	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	799034	111.43	ng	0.00
7) Phenol-d6	6.45	99	1000207	113.52	ng	0.00
23) Nitrobenzene-d5	7.37	82	627117	91.51	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	206058	108.35	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	963888	83.06	ng	0.00
78) Terphenyl-d14	12.92	244	736412	71.24	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.45	77	1512	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.37	70	81868	14.220	ng	# 72
25) Isophorone	7.37	82	627114	43.273	ng	# 64
49) Dimethylphthalate	9.55	163	110478	7.642	ng	100
56) 2,4-Dinitrotoluene	9.84	165	24156	6.884	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.63	198	340	7.551	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	12436	4.042	ng	# 1
70) Phenanthrene	11.35	178	76617	4.756	ng	98
74) Fluoranthene	12.54	202	126363	7.508	ng	97
76) Benzidine	12.92	184	9484	Below Cal		99
77) Pyrene	12.77	202	117779	6.742	ng	99
80) Benzo(a)anthracene	13.97	228	59210	4.205	ng	98
82) Chrysene	14.00	228	54031	3.736	ng	97
87) Benzo(b)fluoranthene	15.02	252	71255	6.232	ng	97
88) Benzo(k)fluoranthene	15.02	252	71255	6.601	ng	100
89) Benzo(a)pyrene	15.38	252	36111	3.530	ng	94

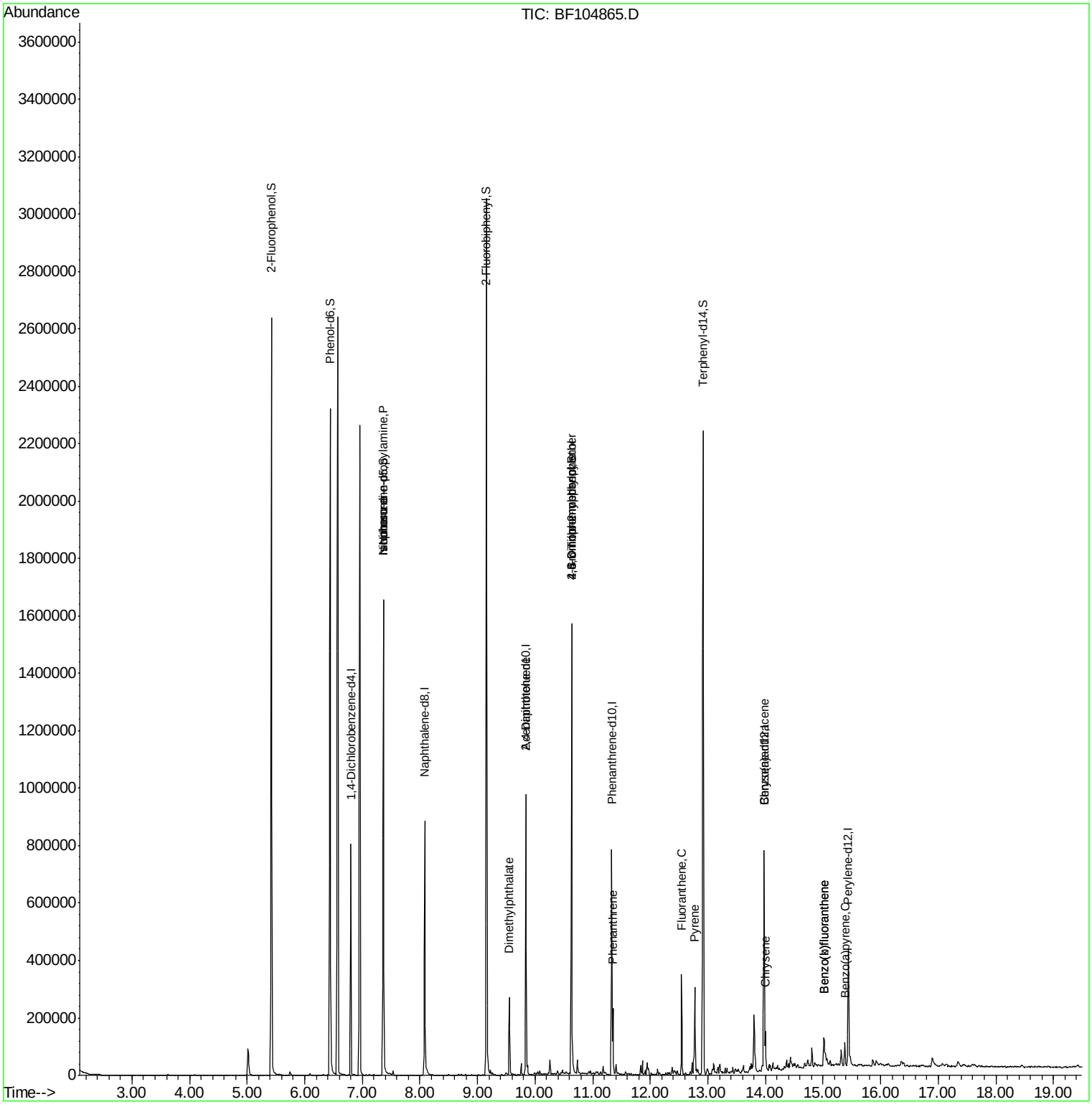
(#) = qualifier out of range (m) = manual integration (+) = signals summed

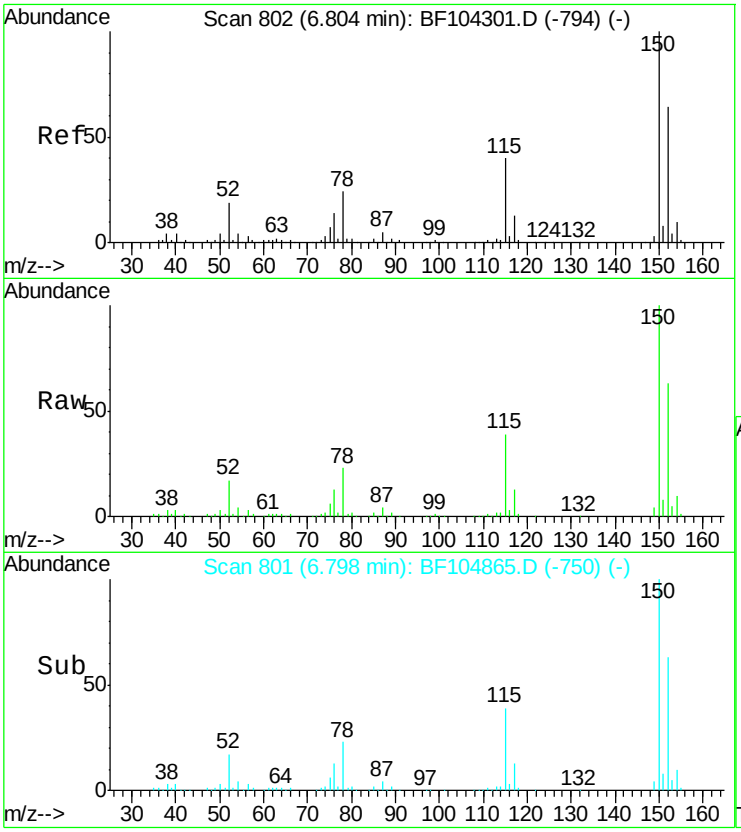
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
Data File : BF104865.D
Acq On : 27 Apr 2018 6:31
Operator : JU/SJ
Sample : J2520-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 27 11:09:45 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 25 14:01:50 2018
Response via : Initial Calibration



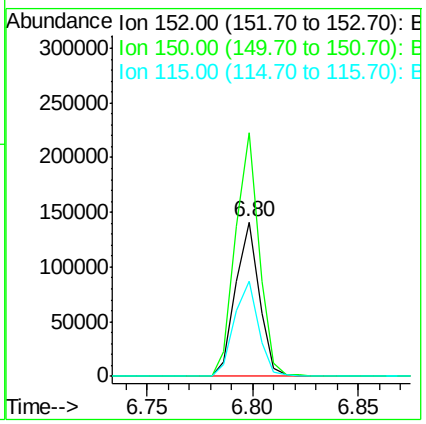


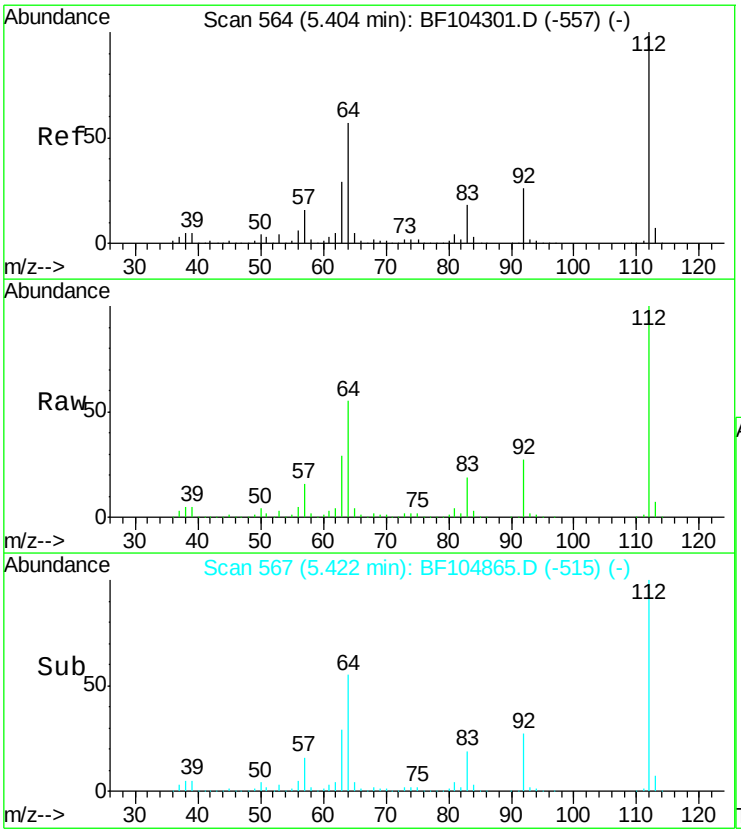
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104865.D
Acq: 27 Apr 2018 6:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 109645

Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.6	186.8
115	61.7	50.1	75.1

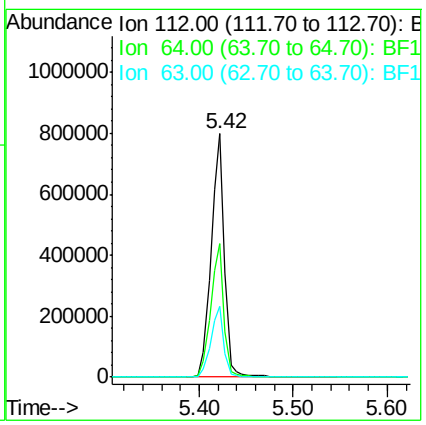


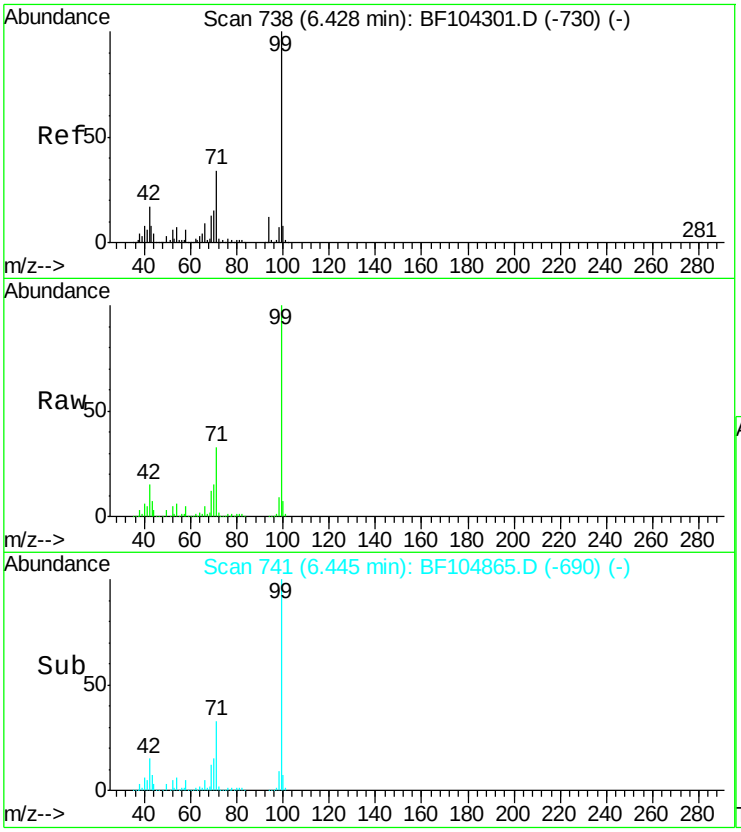


#5
2-Fluorophenol
Concen: 111.429 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104865.D
Acq: 27 Apr 2018 6:31

Tgt Ion:112 Resp: 799034

Ion	Ratio	Lower	Upper
112	100		
64	55.1	47.9	71.9
63	29.0	23.7	35.5



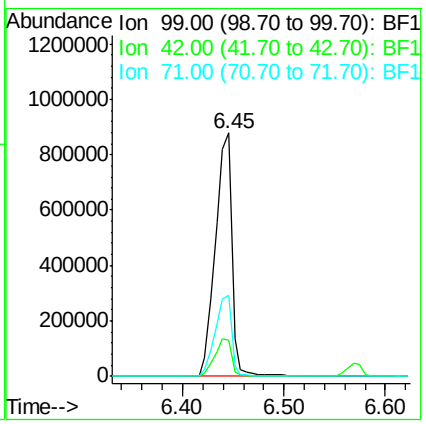


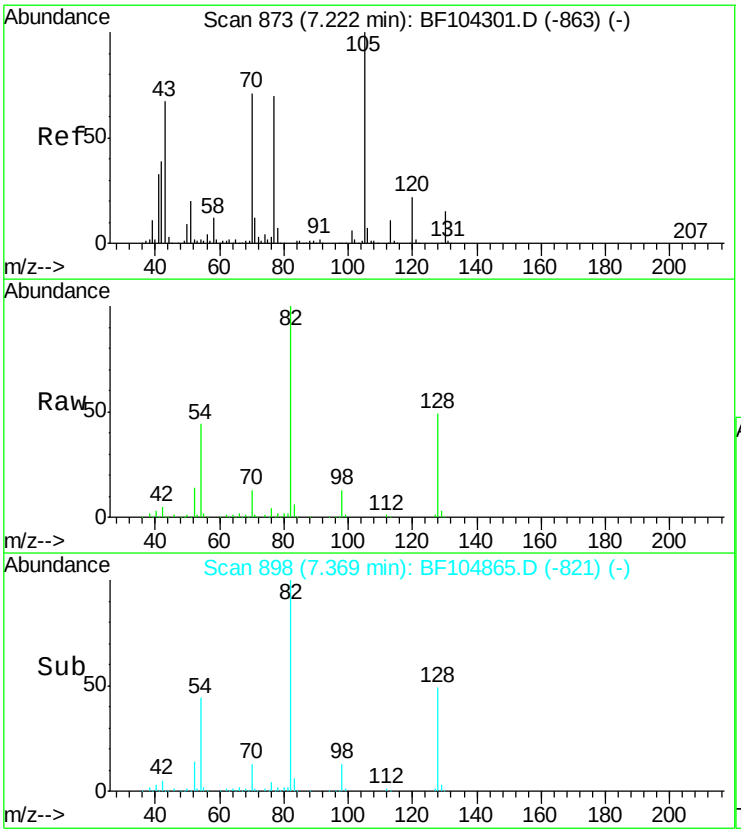
#7
Phenol-d6
Concen: 113.524 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF104865.D
Acq: 27 Apr 2018 6:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1000207

Ion	Ratio	Lower	Upper
99	100		
42	14.8	14.5	21.7
71	33.2	25.4	38.0

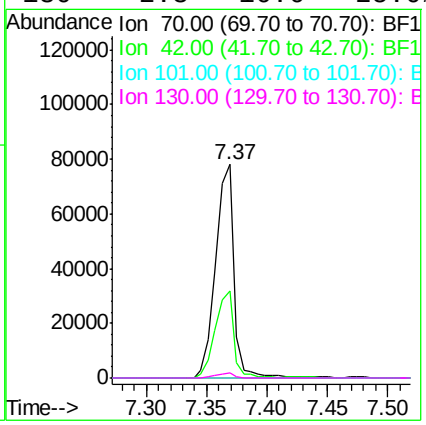


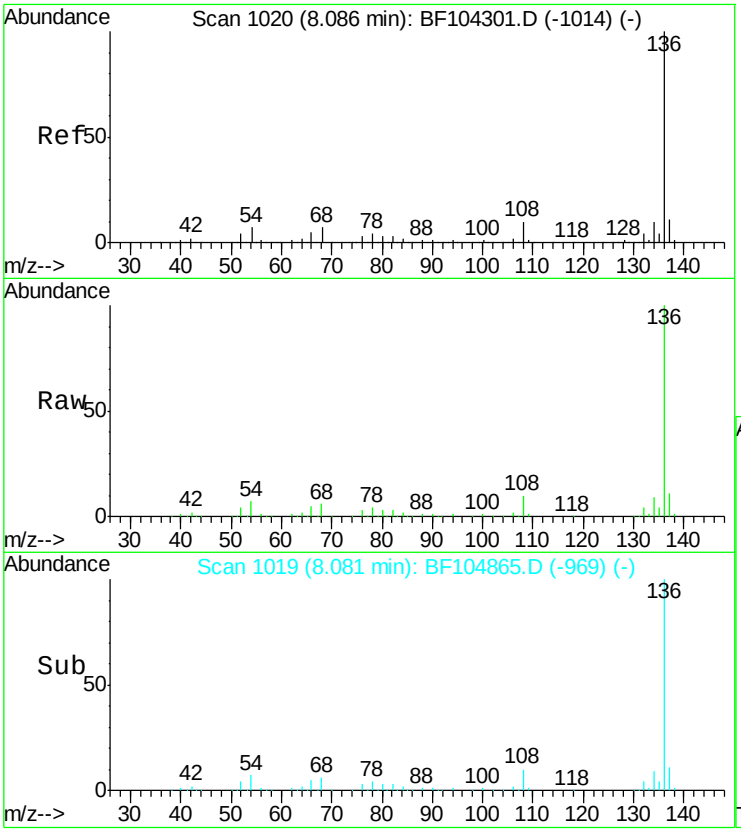


#19
n-Nitroso-di-n-propylamine
Concen: 14.220 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.15 min
Lab File: BF104865.D
Acq: 27 Apr 2018 6:31

Tgt Ion: 70 Resp: 81868

Ion	Ratio	Lower	Upper
70	100		
42	40.8	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



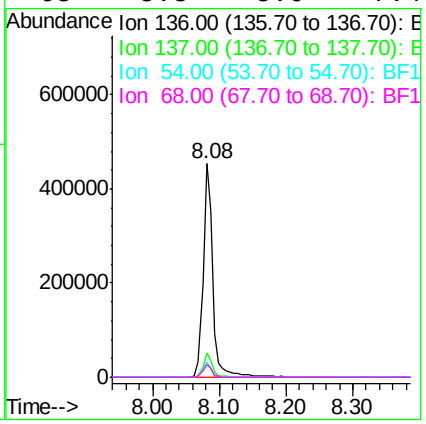


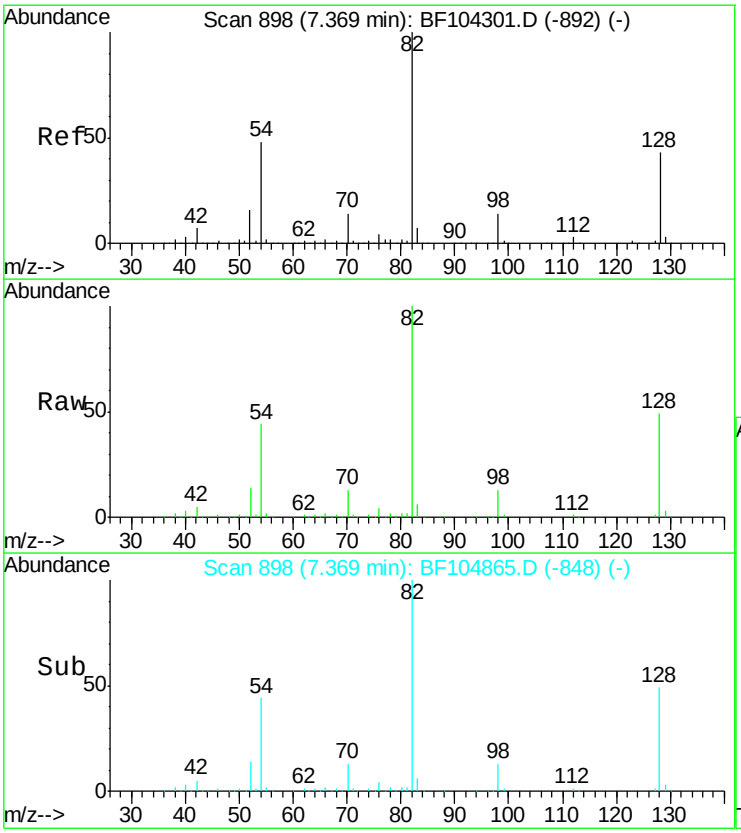
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF104865.D
Acq: 27 Apr 2018 6:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 447496

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.2	6.6	9.8
68	5.8	5.0	7.4

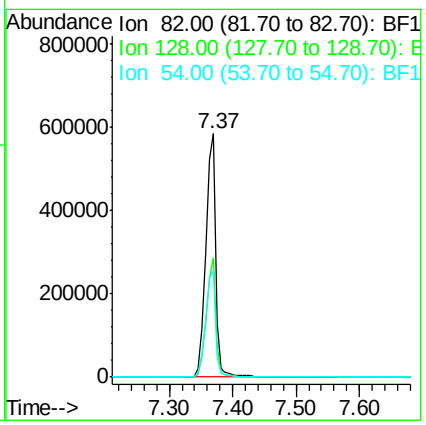


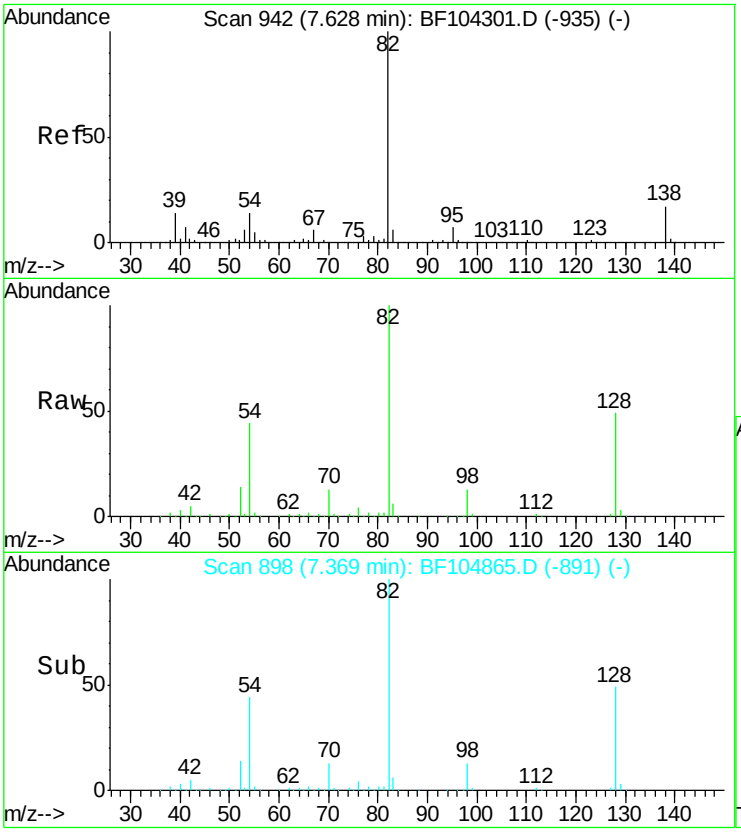


#23
Nitrobenzene-d5
Concen: 91.508 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104865.D
Acq: 27 Apr 2018 6:31

Tgt Ion: 82 Resp: 627117

Ion	Ratio	Lower	Upper
82	100		
128	49.1	36.1	54.1
54	43.7	41.4	62.2



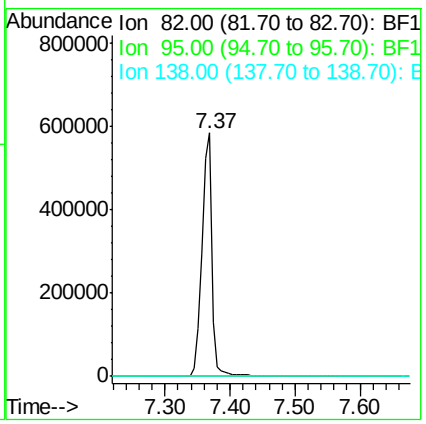


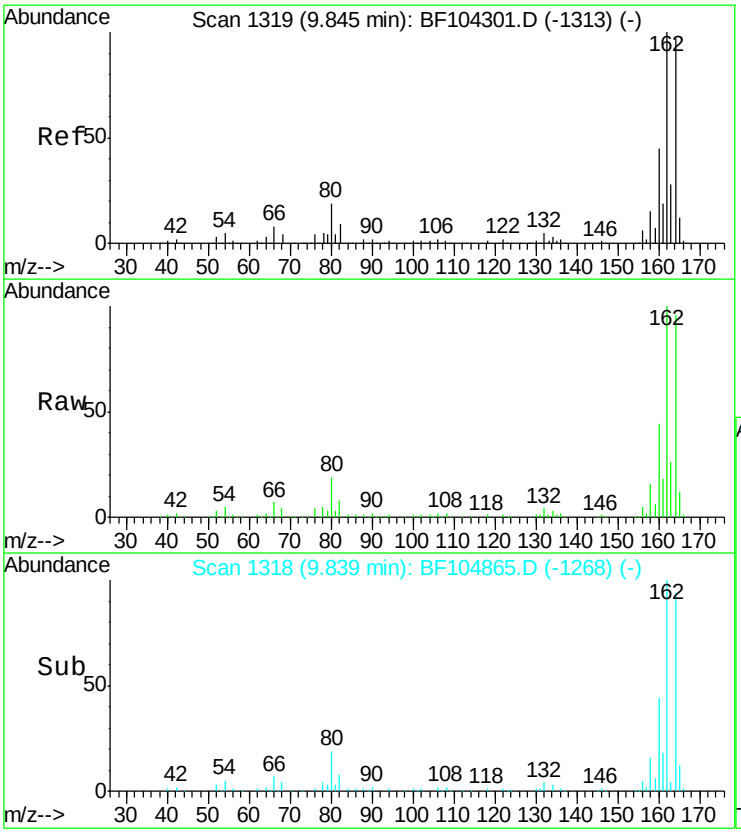
#25
Isophorone
Concen: 43.273 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.26 min
Lab File: BF104865.D
Acq: 27 Apr 2018 6:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 627114

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

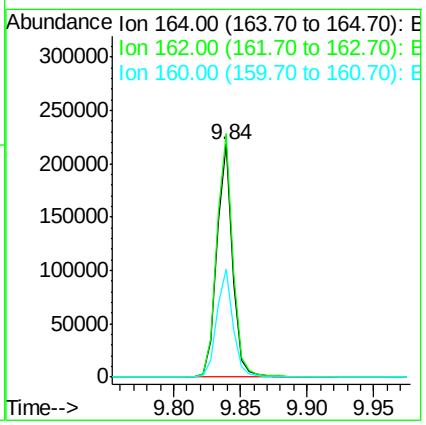


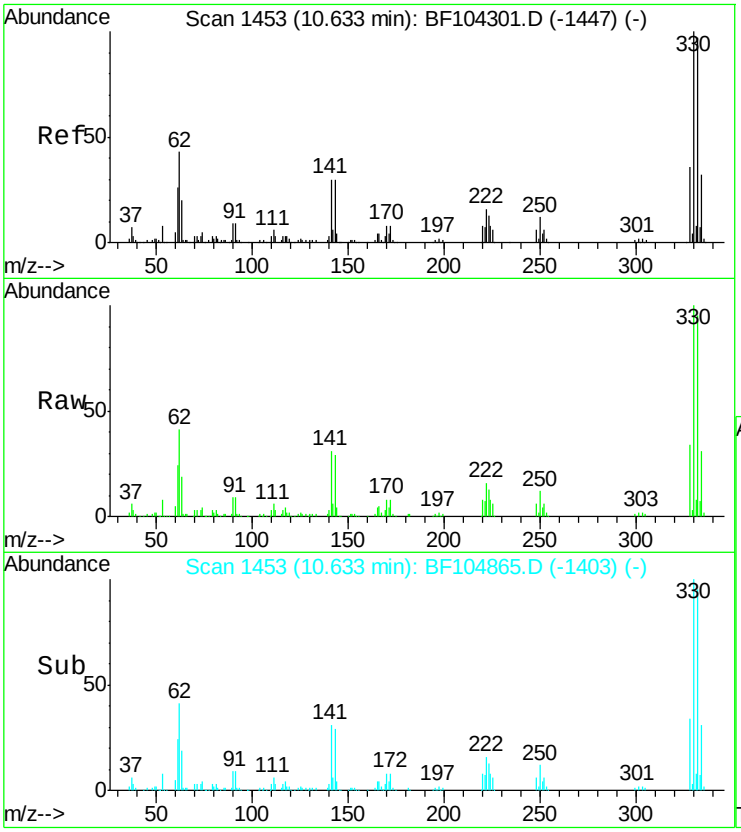


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104865.D
Acq: 27 Apr 2018 6:31

Tgt Ion:164 Resp: 183332

Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	46.2	38.3	57.5



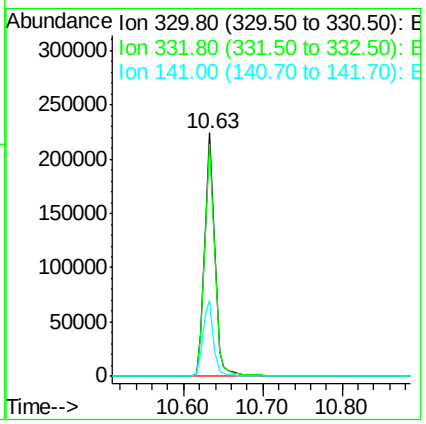


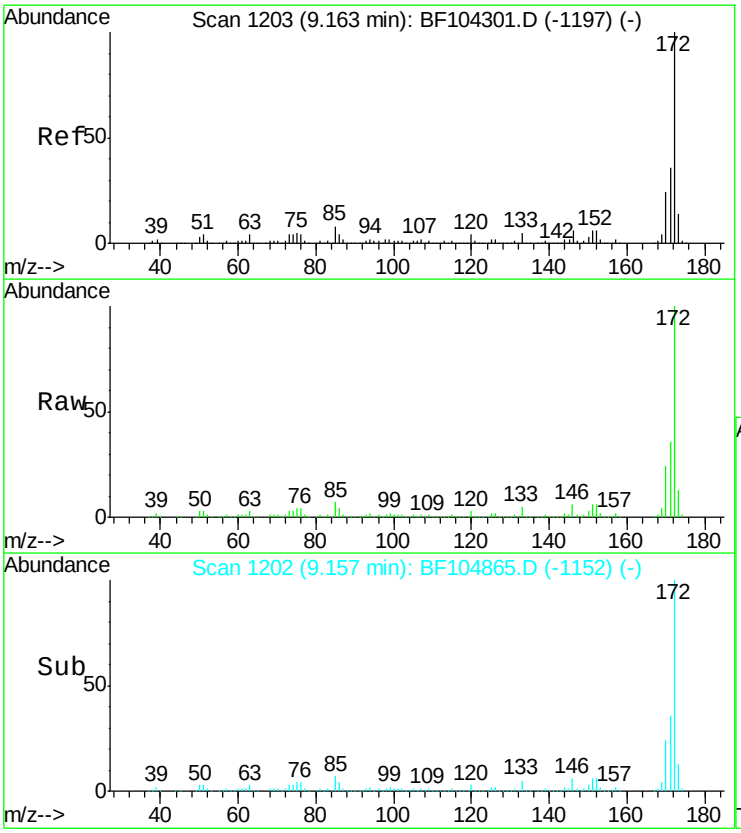
#41
2,4,6-Tribromophenol
Concen: 108.352 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF104865.D
Acq: 27 Apr 2018 6:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 206058

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	32.7	29.9	44.9

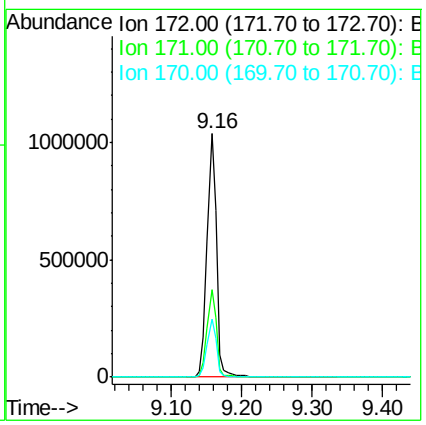


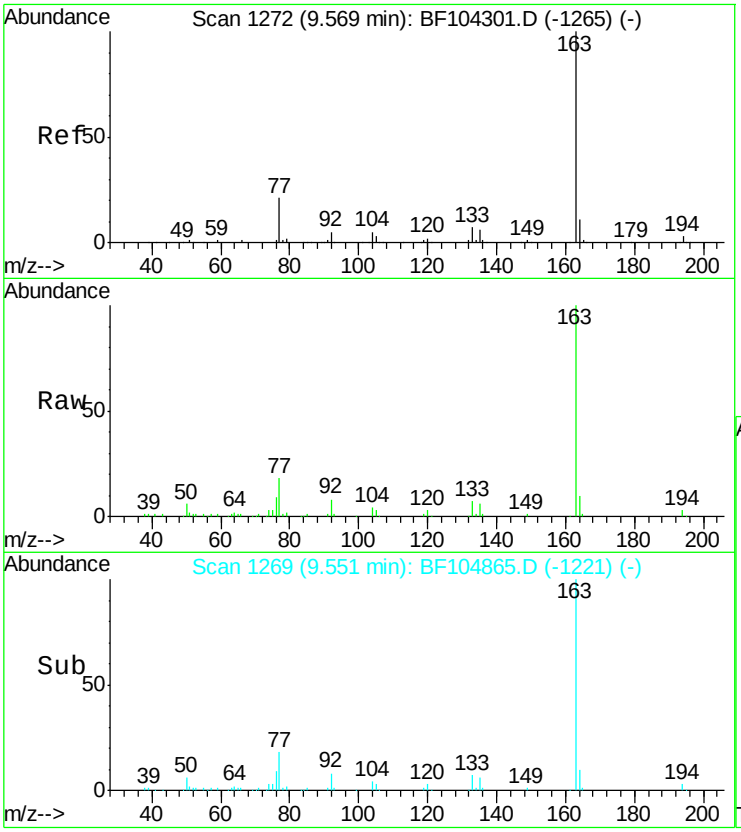


#44
2-Fluorobiphenyl
Concen: 83.057 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF104865.D
Acq: 27 Apr 2018 6:31

Tgt Ion:172 Resp: 963888

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.1	19.6	29.4



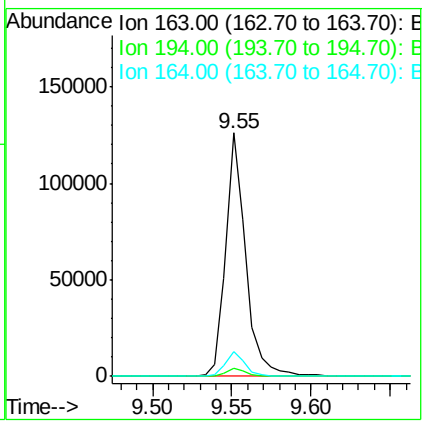


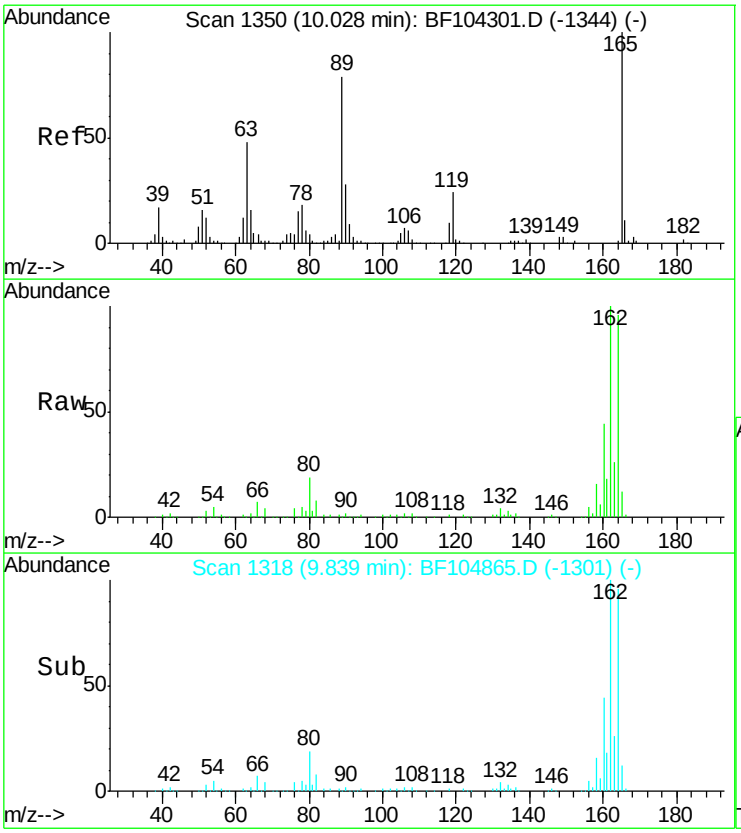
#49
Dimethylphthalate
Concen: 7.642 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF104865.D
Acq: 27 Apr 2018 6:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 110478

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.1	8.2	12.2

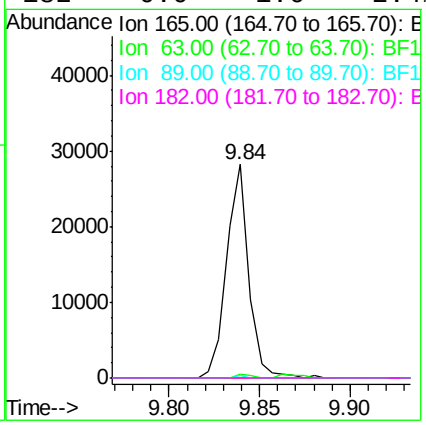


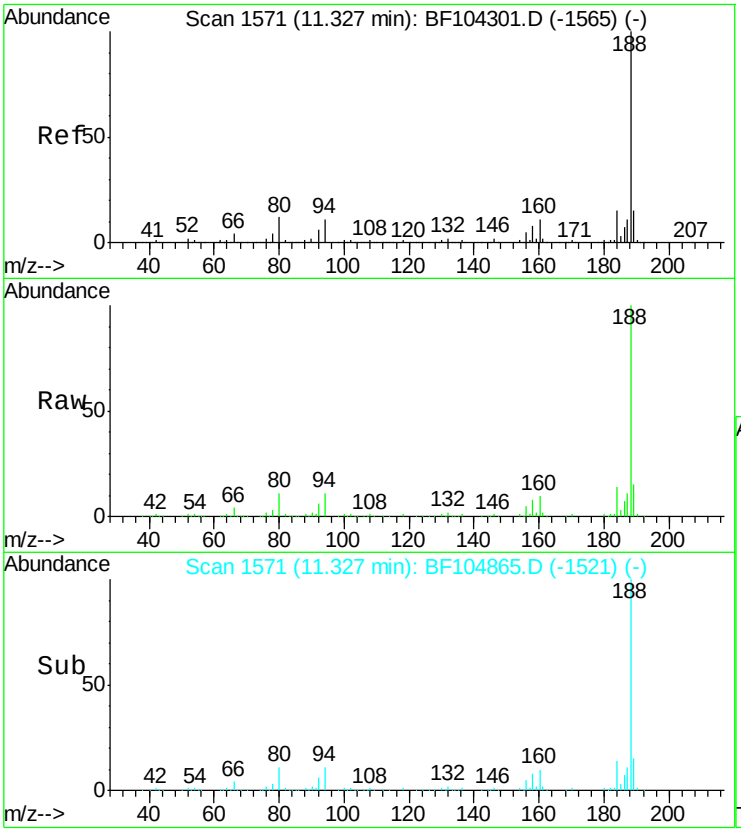


#56
2,4-Dinitrotoluene
Concen: 6.884 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.20 min
Lab File: BF104865.D
Acq: 27 Apr 2018 6:31

Tgt Ion:165 Resp: 24156

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



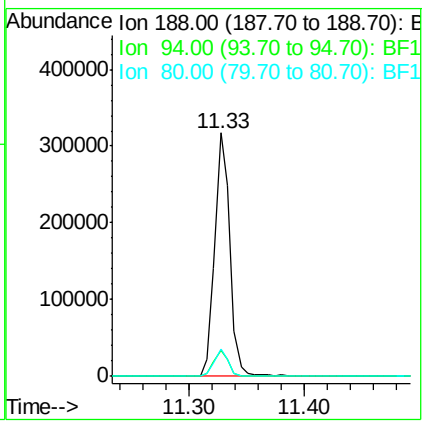


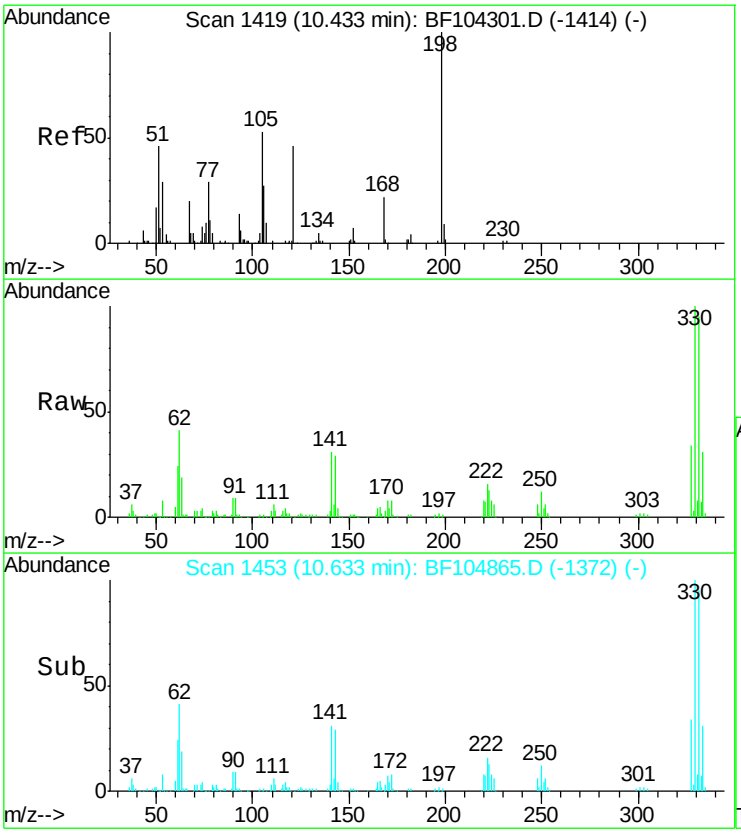
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104865.D
Acq: 27 Apr 2018 6:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 289246

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.2	9.2	13.8

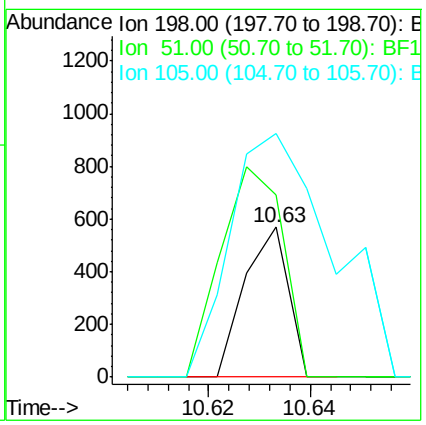


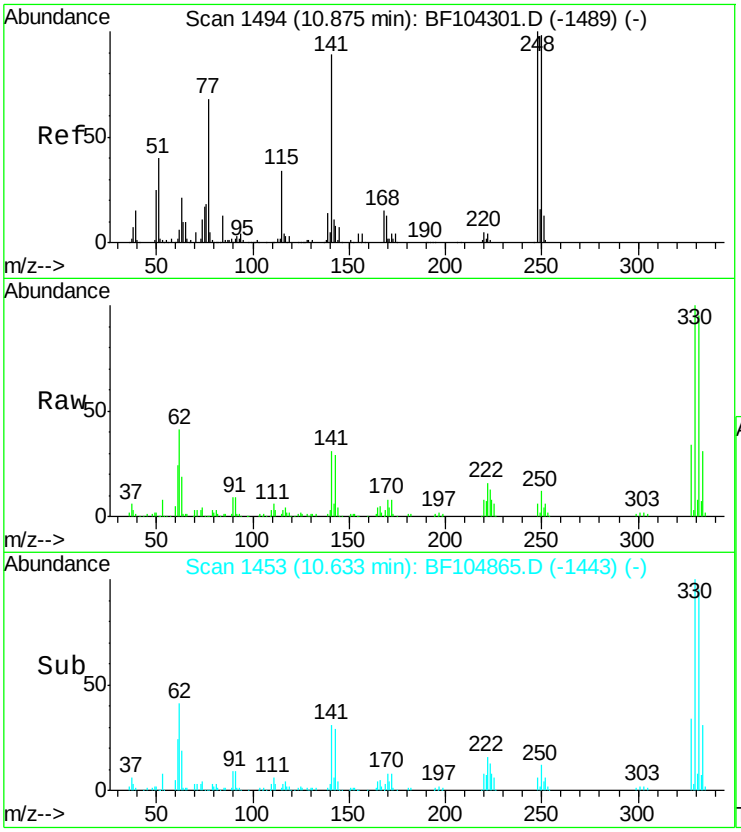


#64
4,6-Dinitro-2-methylphenol
Concen: 7.551 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.18 min
Lab File: BF104865.D
Acq: 27 Apr 2018 6:31

Tgt Ion:198 Resp: 340

Ion	Ratio	Lower	Upper
198	100		
51	121.7	37.7	77.7#
105	162.7	36.3	76.3#



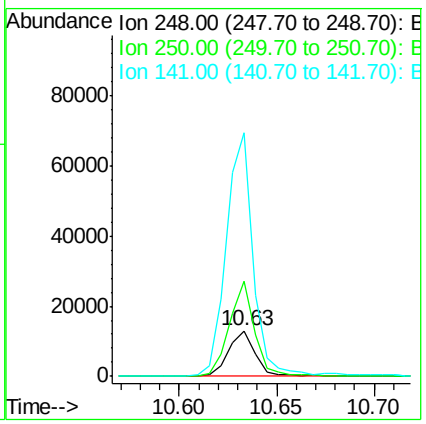


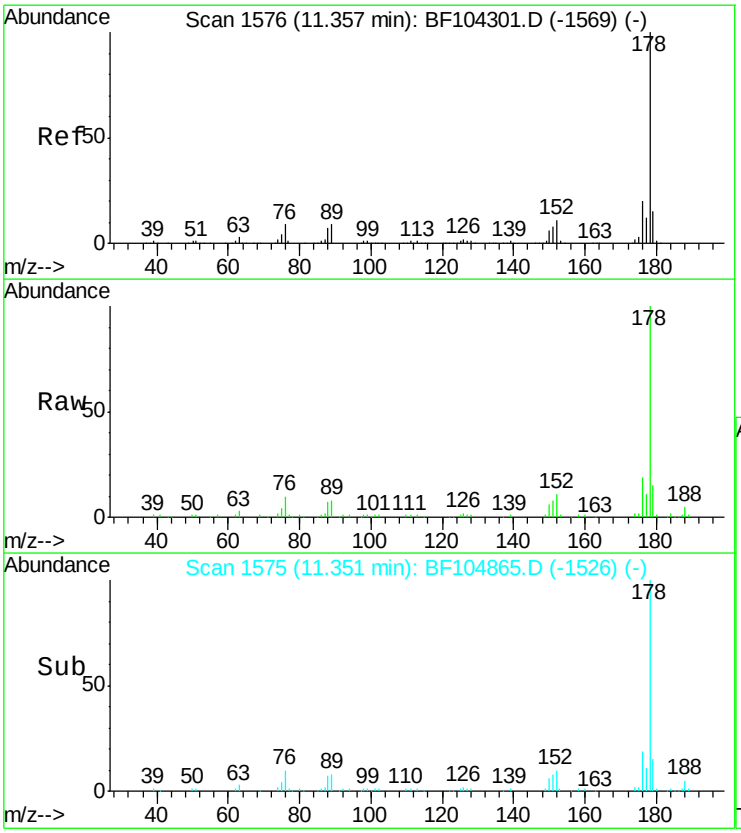
#66
4-Bromophenyl-phenylether
Concen: 4.042 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF104865.D
Acq: 27 Apr 2018 6:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 12436

Ion	Ratio	Lower	Upper
248	100		
250	210.8	76.9	115.3#
141	536.1	74.4	111.6#

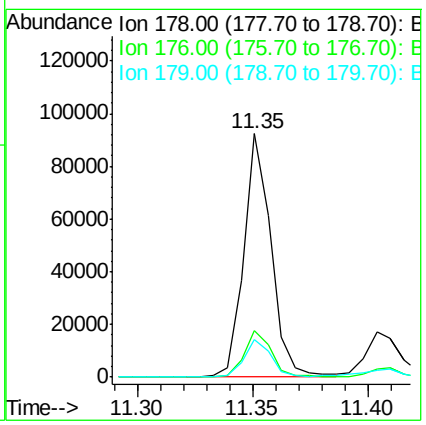


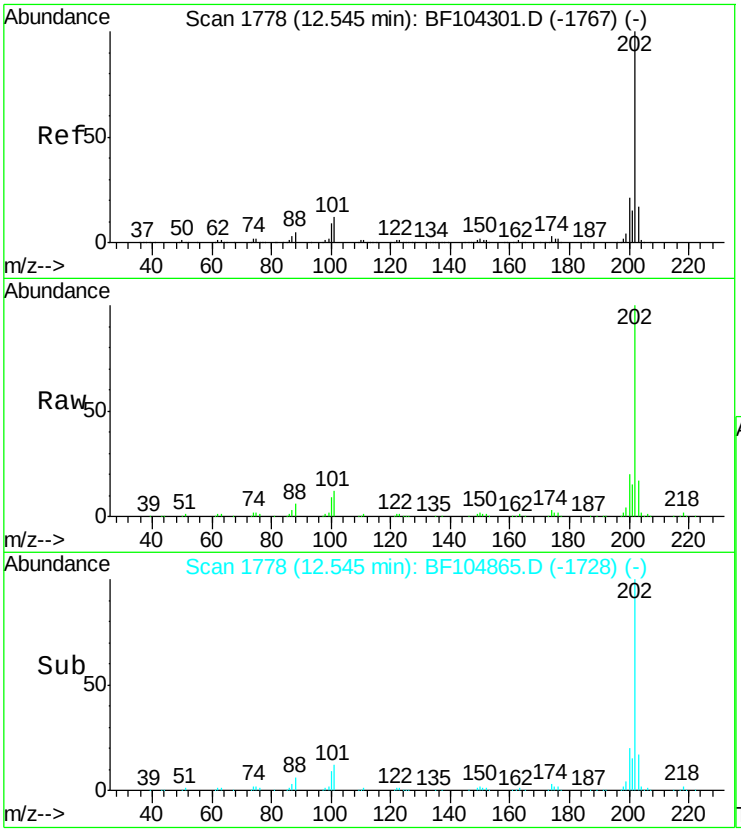


#70
Phenanthrene
Concen: 4.756 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF104865.D
Acq: 27 Apr 2018 6:31

Tgt Ion:178 Resp: 76617

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.2	13.0	19.6



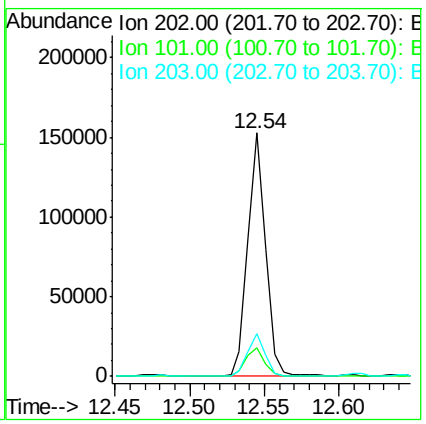


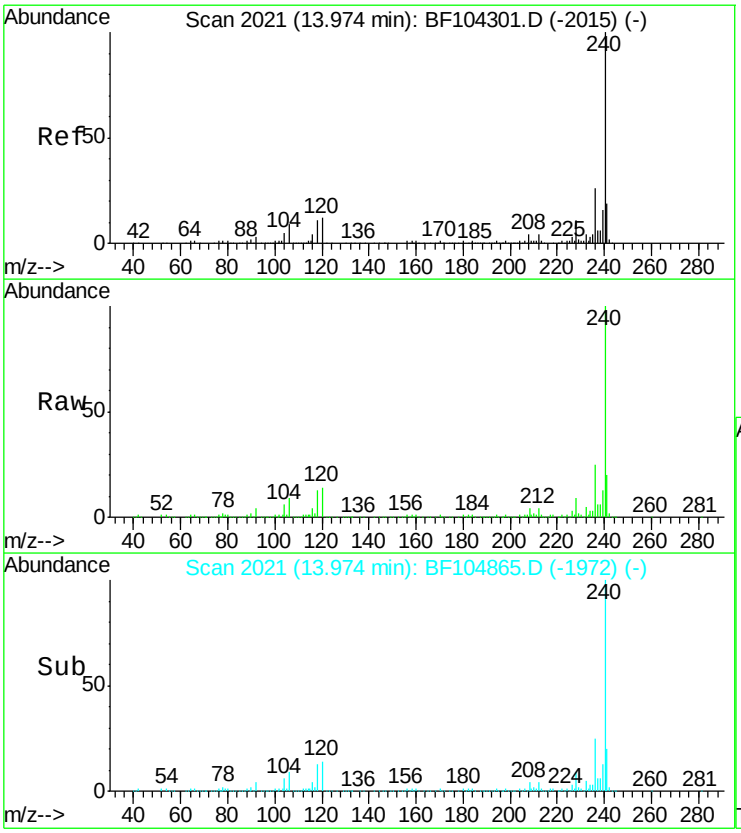
#74
Fluoranthene
Concen: 7.508 ng
RT: 12.54 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BF104865.D
Acq: 27 Apr 2018 6:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 126363

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	34.1
203	17.5	0.0	38.1

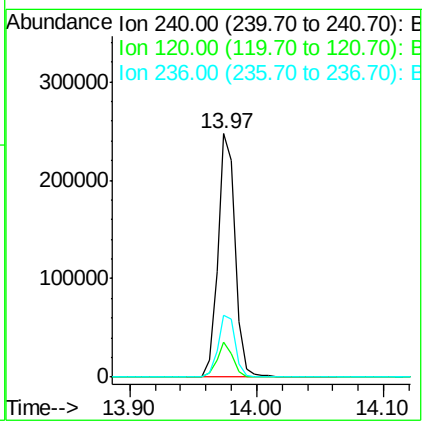


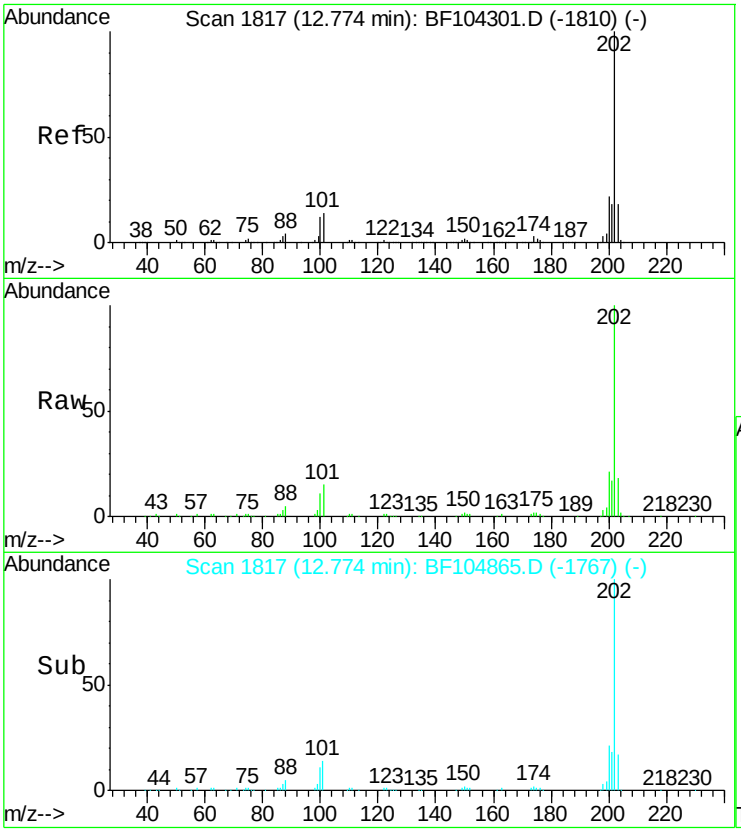


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104865.D
Acq: 27 Apr 2018 6:31

Tgt Ion:240 Resp: 235677

Ion	Ratio	Lower	Upper
240	100		
120	14.3	9.5	14.3#
236	25.4	20.7	31.1



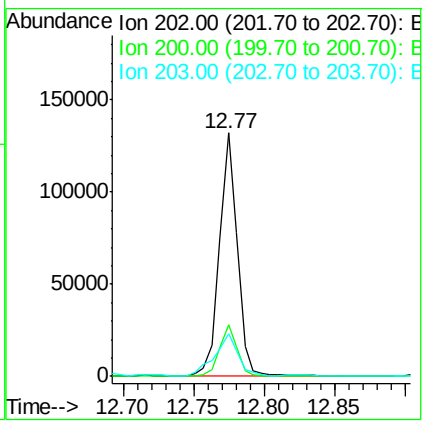


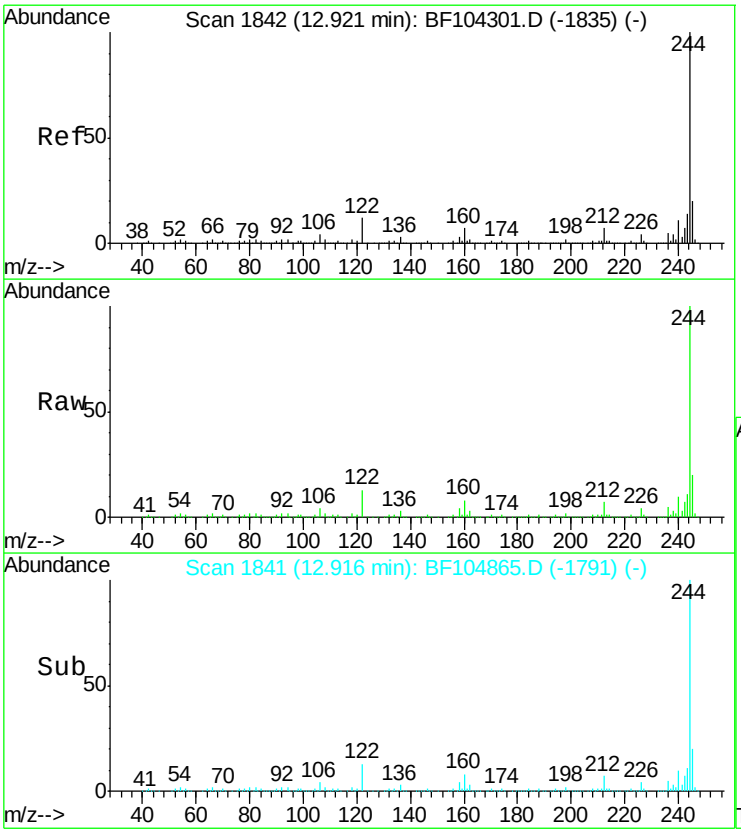
#77
Pyrene
Concen: 6.742 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF104865.D
Acq: 27 Apr 2018 6:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 117779

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.6	14.3	21.5

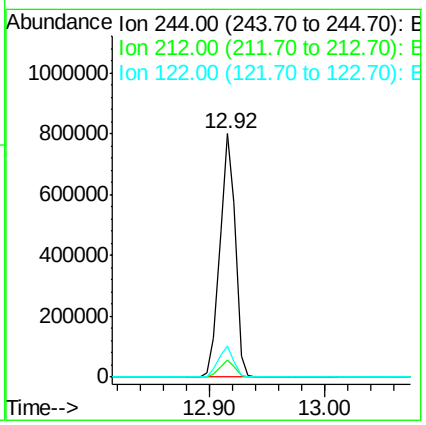


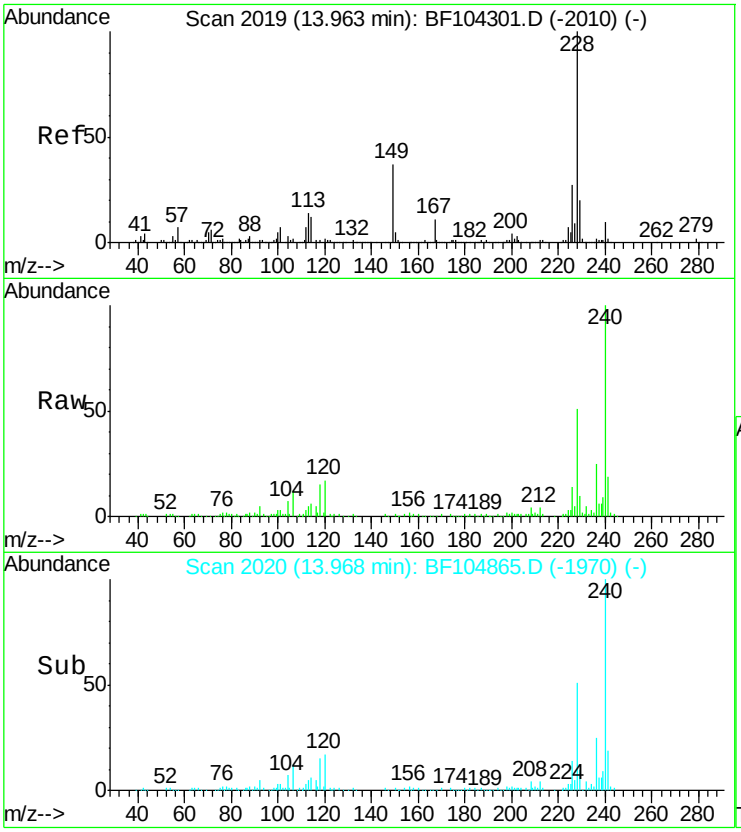


#78
Terphenyl-d14
Concen: 71.237 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF104865.D
Acq: 27 Apr 2018 6:31

Tgt Ion:244 Resp: 736412

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.7	11.0	16.4



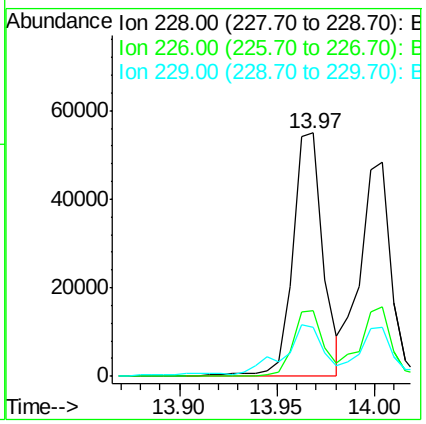


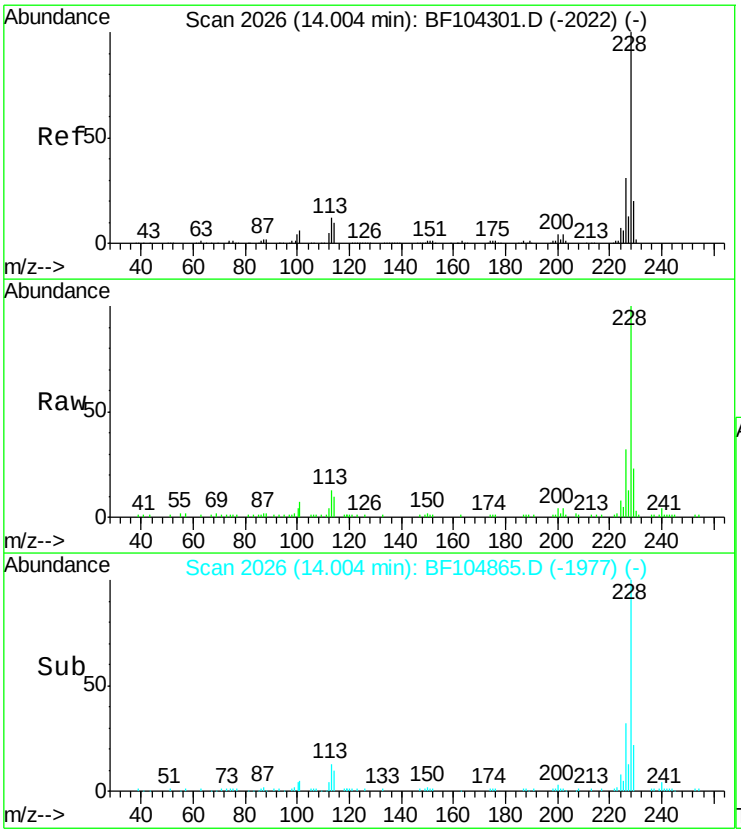
#80
Benzo(a)anthracene
Concen: 4.205 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF104865.D
Acq: 27 Apr 2018 6:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 59210

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	20.2	15.8	23.6

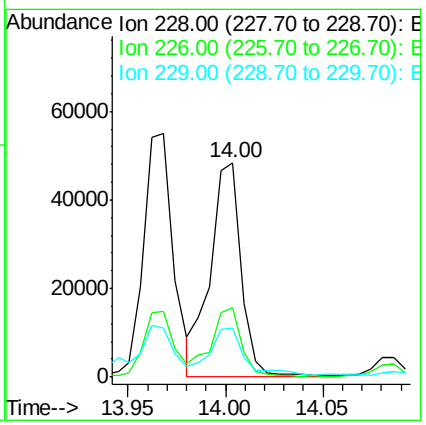


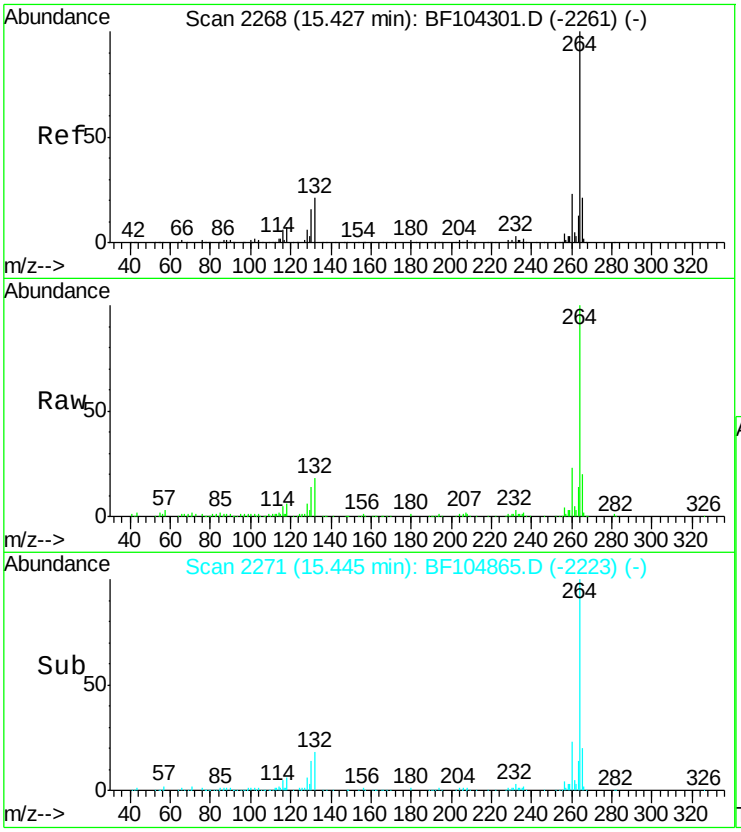


#82
Chrysene
Concen: 3.736 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF104865.D
Acq: 27 Apr 2018 6:31

Tgt Ion:228 Resp: 54031

Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.0	37.6
229	22.7	16.2	24.4



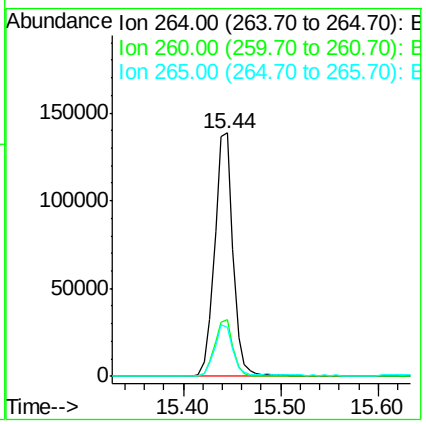


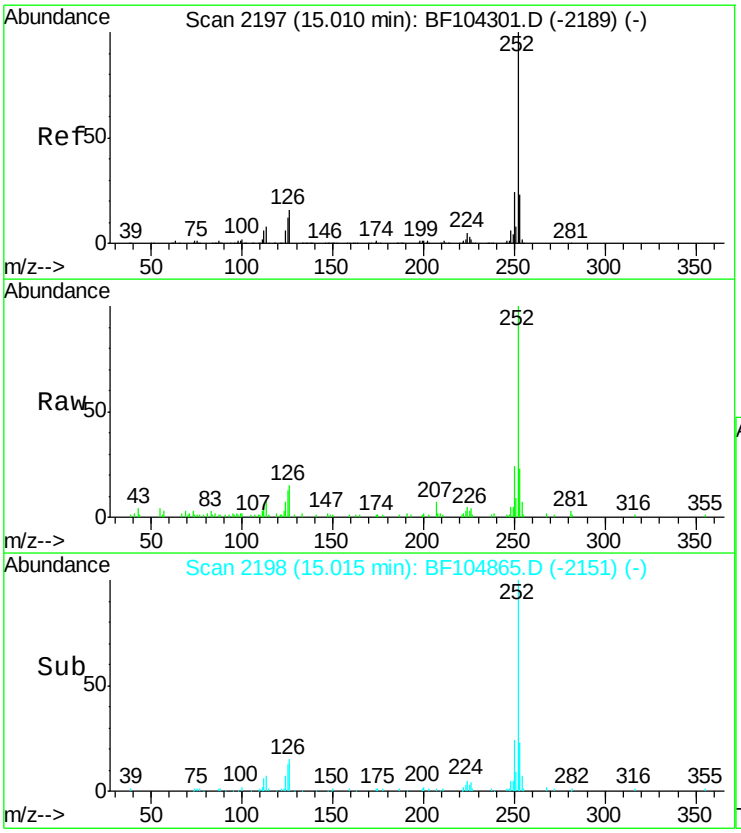
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF104865.D
Acq: 27 Apr 2018 6:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 181038

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	20.1	17.5	26.3

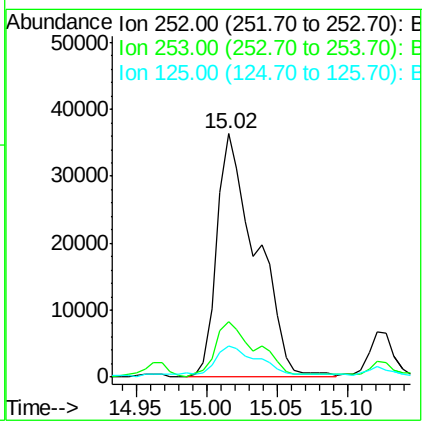


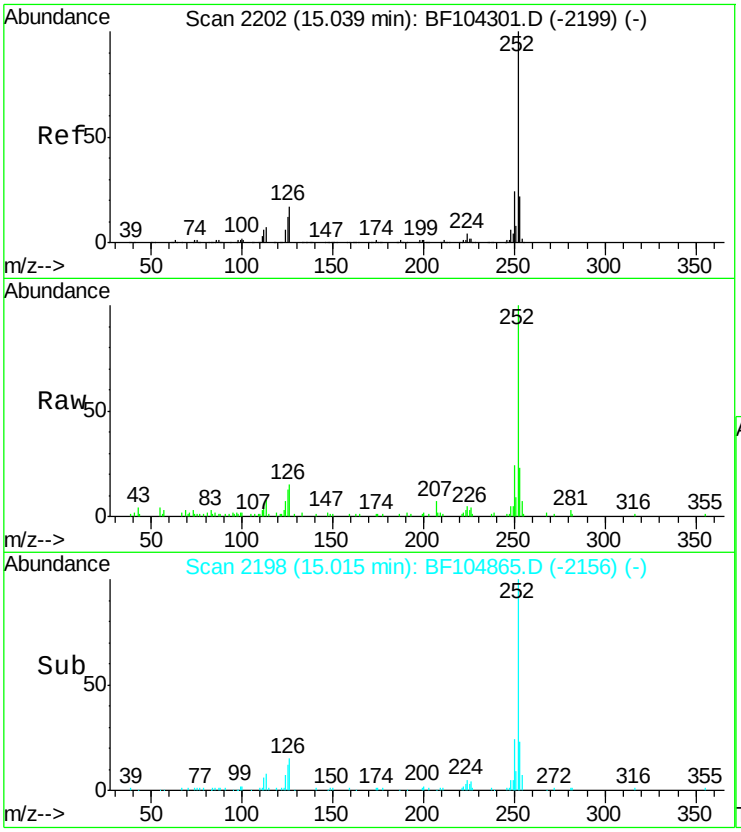


#87
Benzo(b)fluoranthene
Concen: 6.232 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BF104865.D
Acq: 27 Apr 2018 6:31

Tgt Ion:252 Resp: 71255

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	12.9	9.0	13.6



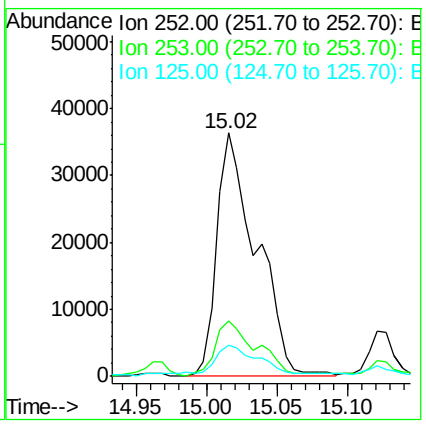


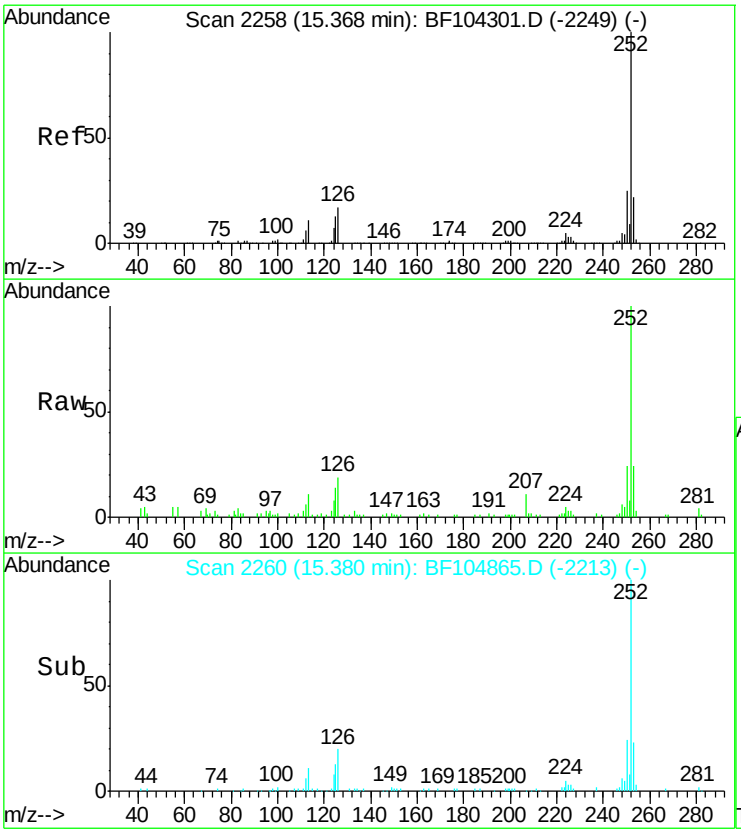
#88
Benzo(k)fluoranthene
Concen: 6.601 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.05 min
Lab File: BF104865.D
Acq: 27 Apr 2018 6:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 71255

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	12.9	10.2	15.2





#89
Benzo(a)pyrene
Concen: 3.530 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BF104865.D
Acq: 27 Apr 2018 6:31

Tgt Ion:252 Resp: 36111

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.1	25.7
125	14.0	9.8	14.6