Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104716.D
Acq On : 23 Apr 2018 18:14
Operator : JU/SJ
Sample : J2482-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 24 01:02:58 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 23 15:38:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	103883	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	402611	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	159869	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	266261	20.00	ng		0.00
75) Chrysene-d12	13.99	240	187742	20.00	ng		0.00
86) Perylene-d12	15.46	264	136323	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	609003	89.64	ng		0.01
7) Phenol-d6	6.45	99	726633	87.05	ng		0.00
23) Nitrobenzene-d5	7.37	82	397170	64.42	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	139418	84.07	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	678723	67.07	ng		0.00
78) Terphenyl-d14	12.93	244	522150	63.41	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.45	77	1102	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.37	70	49649	9.102	ng	#	73
25) Isophorone	7.37	82	397166	30.461	ng	#	64
49) Dimethylphthalate	9.56	163	57582	4.567	ng		98
50) 2,6-Dinitrotoluene	9.85	165	20024	8.584	ng	#	25
56) 2,4-Dinitrotoluene	9.85	165	20024	6.544	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.64	198	134	7.435	ng	#	1
66) 4-Bromophenyl-phenylether	10.64	248	8688	3.068	ng	#	1
70) Phenanthrene	11.36	178	151254	10.201	ng		98
71) Anthracene	11.42	178	43977	2.918	ng		98
74) Fluoranthene	12.56	202	296882	19.163	ng		98
76) Benzidine	12.92	184	7056	Below Cal		#	91
77) Pyrene	12.79	202	262150	18.838	ng		99
80) Benzo(a)anthracene	13.97	228	128899	11.493	ng		99
82) Chrysene	14.01	228	109872	9.537	ng		97
84) Di-n-octyl phthalate	14.58	149	45711	3.244	ng	#	80
85) Indeno(1,2,3-cd)pyrene	16.92	276	44102	4.506	ng		92
87) Benzo(b)fluoranthene	15.03	252	149229	17.332	ng	#	94
88) Benzo(k)fluoranthene	15.03	252	149229	18.359	ng		97
89) Benzo(a)pyrene	15.39	252	79173	10.277	ng	#	95
91) Benzo(g,h,i)perylene	17.36	276	45713	7.457	ng		96

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

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Quant Time: Apr 24 01:02:58 2018
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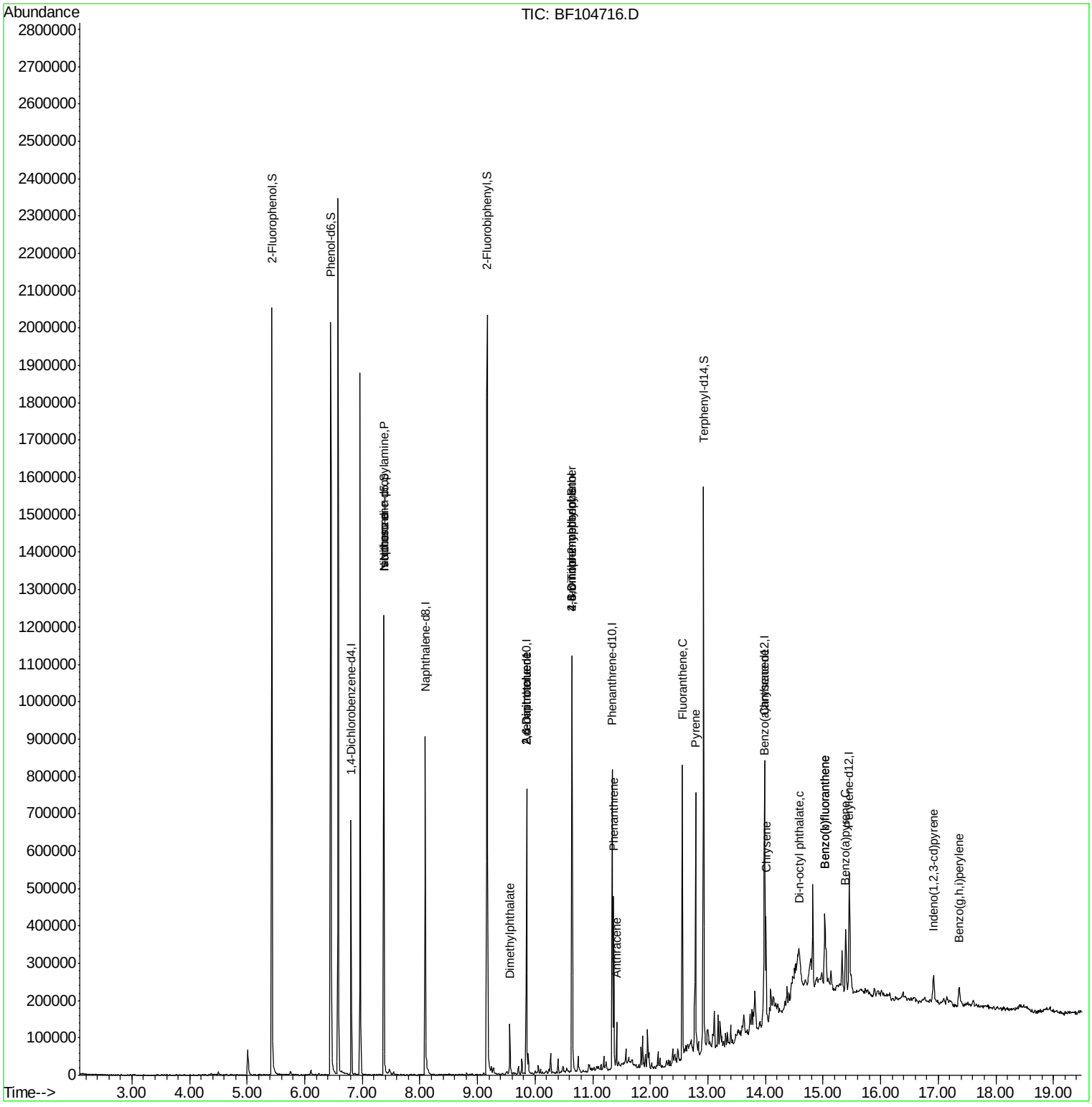
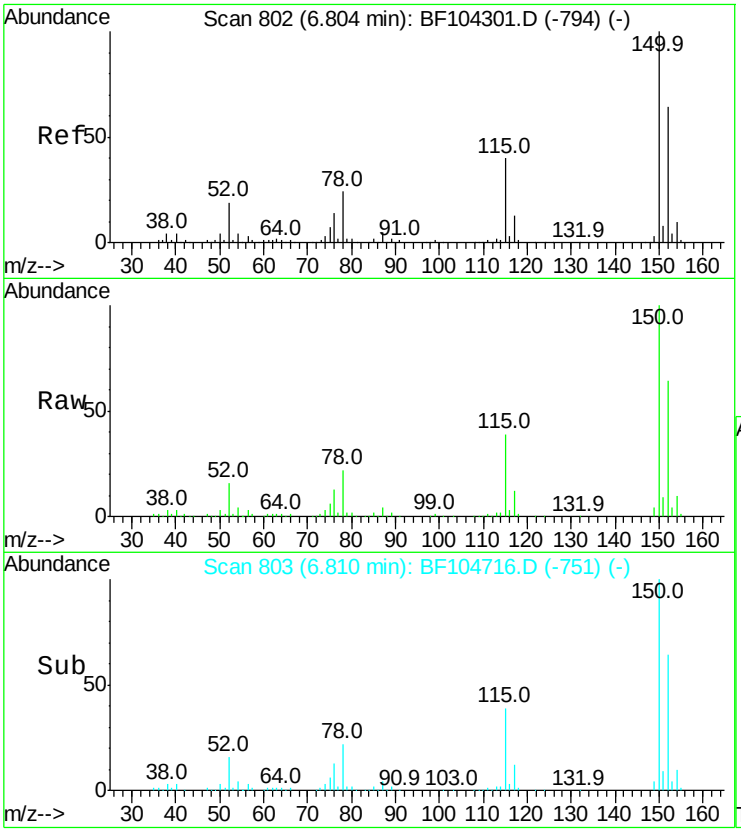
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 23 15:38:25 2018
Response via : Initial Calibration



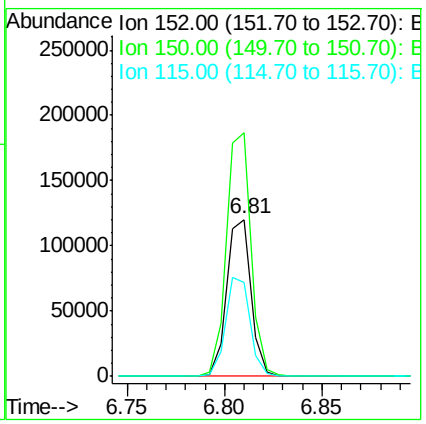


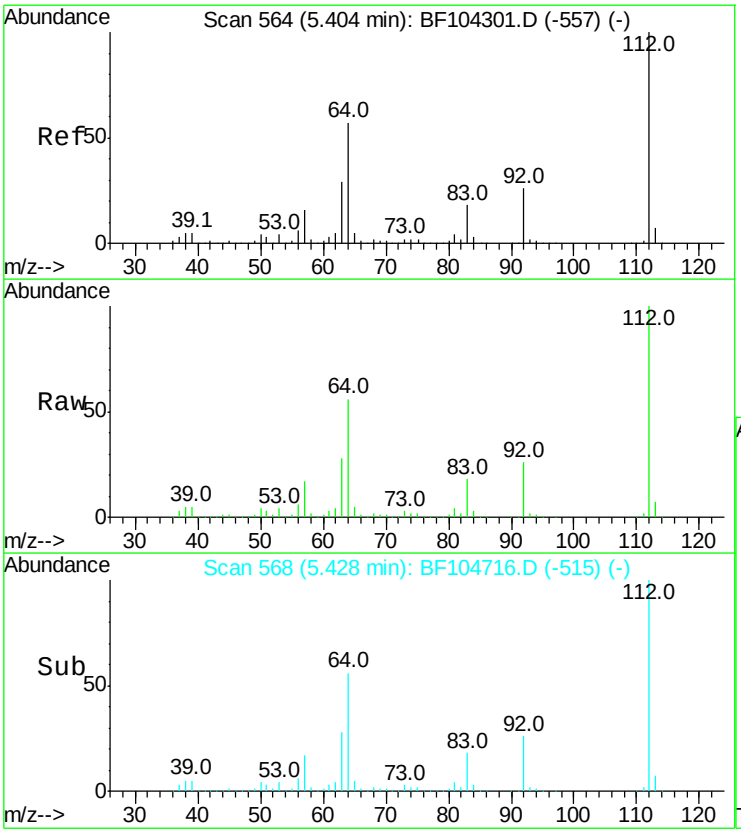
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF104716.D
Acq: 23 Apr 2018 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 103883

Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	186.8
115	60.2	50.1	75.1

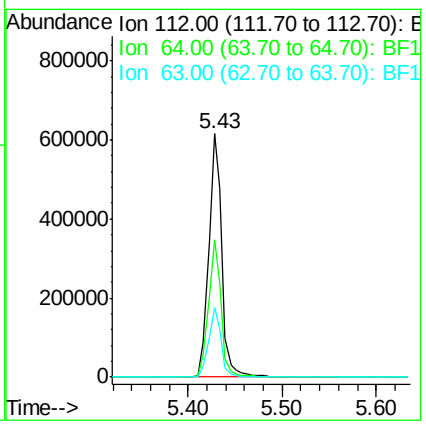


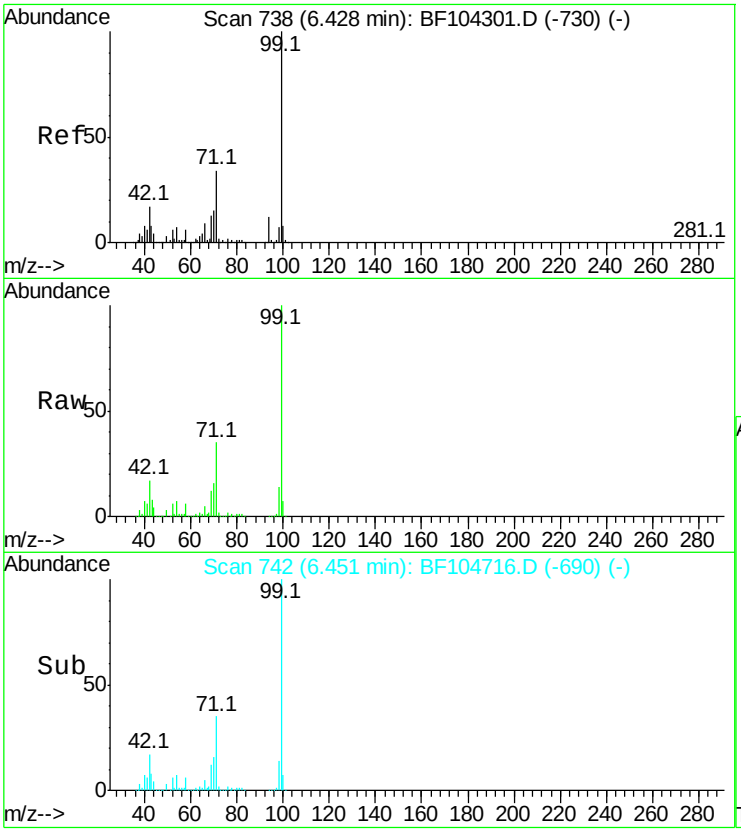


#5
2-Fluorophenol
Concen: 89.639 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104716.D
Acq: 23 Apr 2018 18:14

Tgt Ion:112 Resp: 609003

Ion	Ratio	Lower	Upper
112	100		
64	56.3	47.9	71.9
63	28.4	23.7	35.5



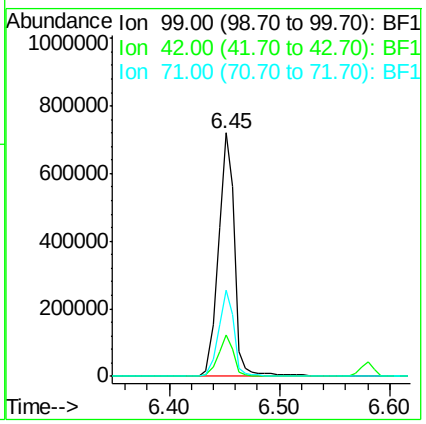


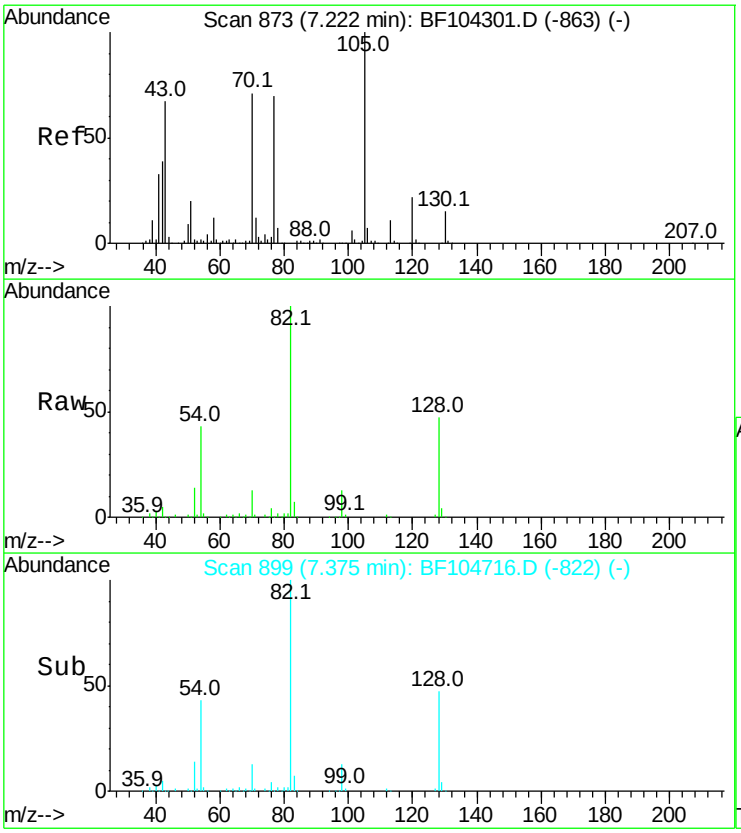
#7
Phenol-d6
Concen: 87.048 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF104716.D
Acq: 23 Apr 2018 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 726633

Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.5	21.7
71	35.2	25.4	38.0

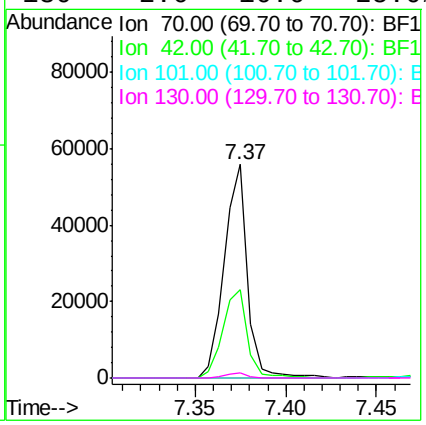


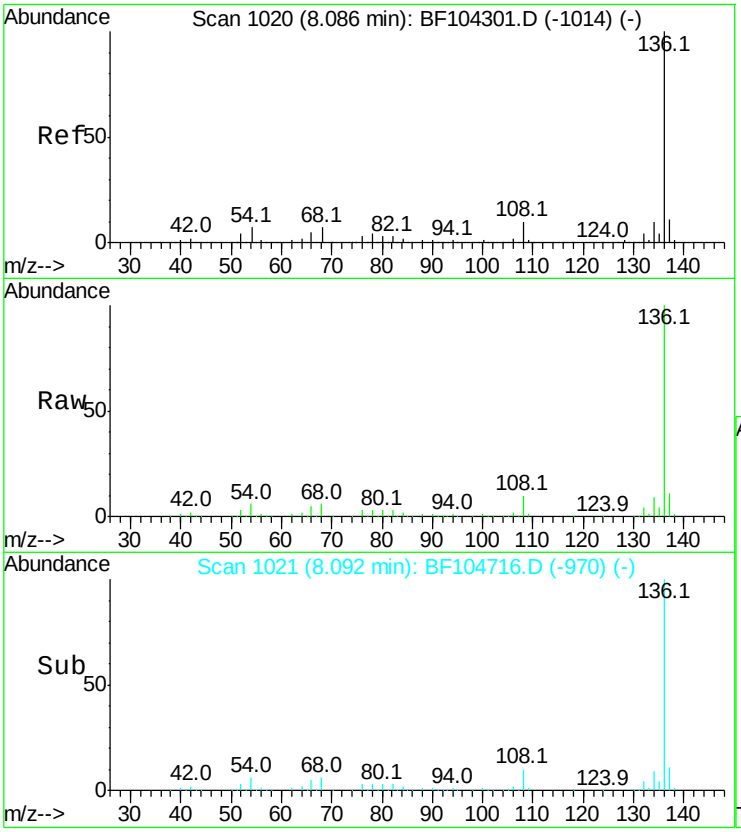


#19
n-Nitroso-di-n-propylamine
Concen: 9.102 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF104716.D
Acq: 23 Apr 2018 18:14

Tgt Ion: 70 Resp: 49649

Ion	Ratio	Lower	Upper
70	100		
42	41.6	47.5	71.3#
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#



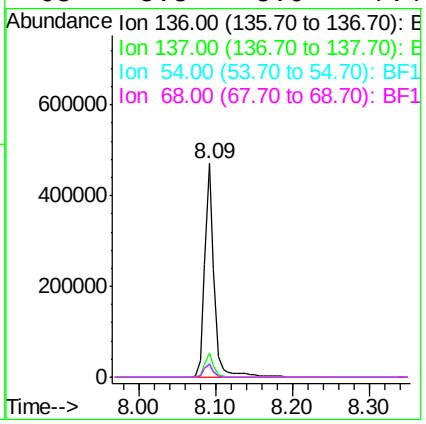


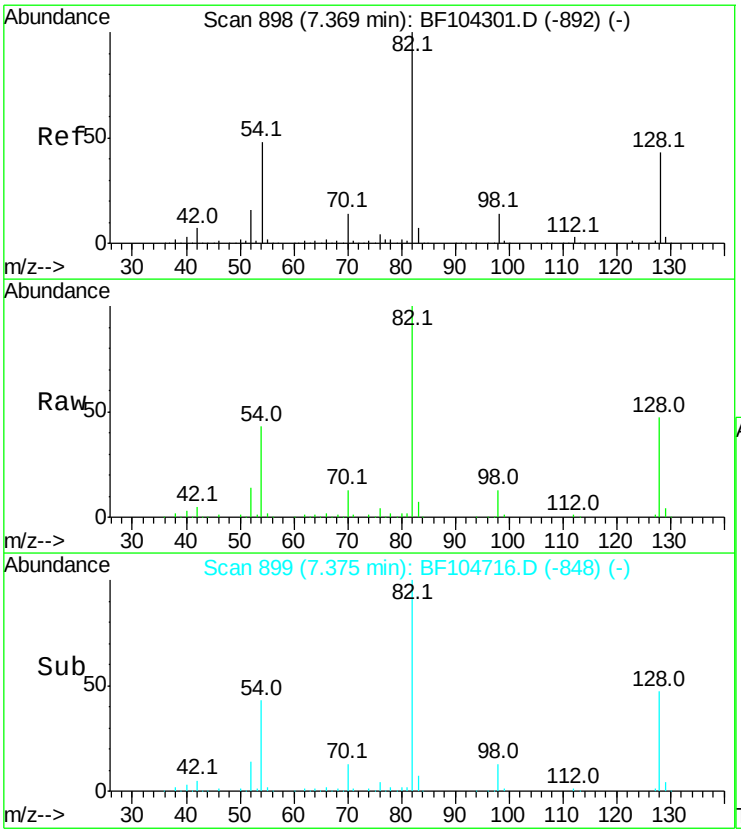
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF104716.D
Acq: 23 Apr 2018 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 402611

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.4	6.6	9.8#
68	5.8	5.0	7.4

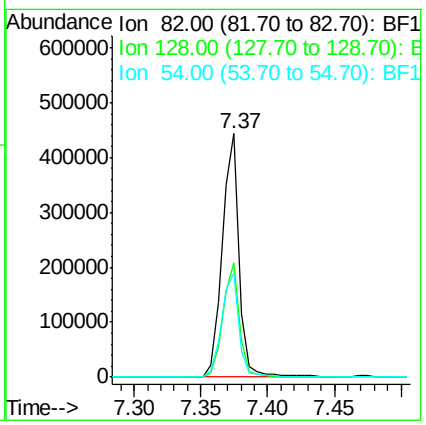


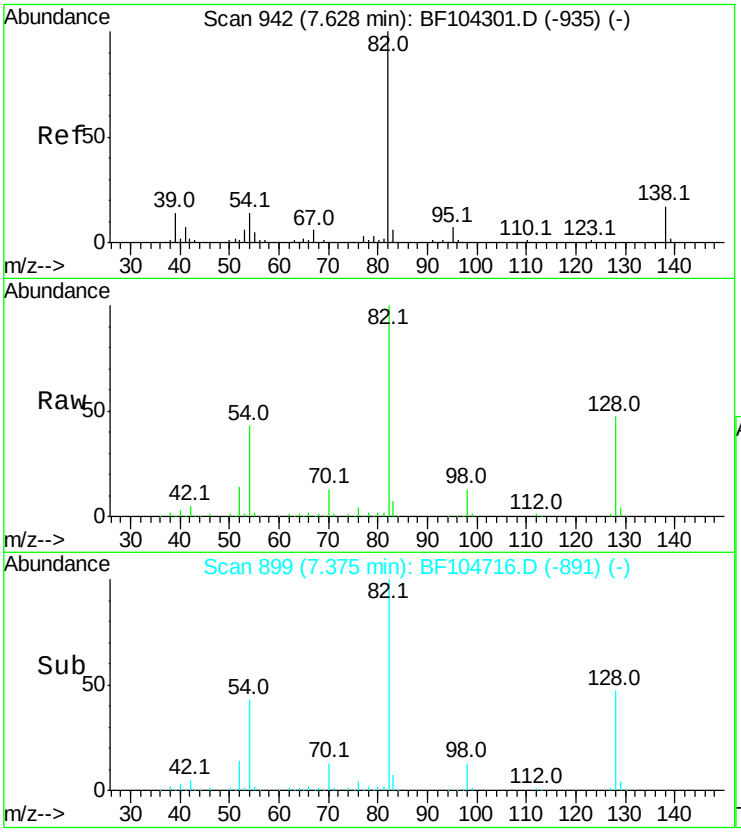


#23
Nitrobenzene-d5
Concen: 64.416 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104716.D
Acq: 23 Apr 2018 18:14

Tgt Ion: 82 Resp: 397170

Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.1	54.1
54	42.7	41.4	62.2



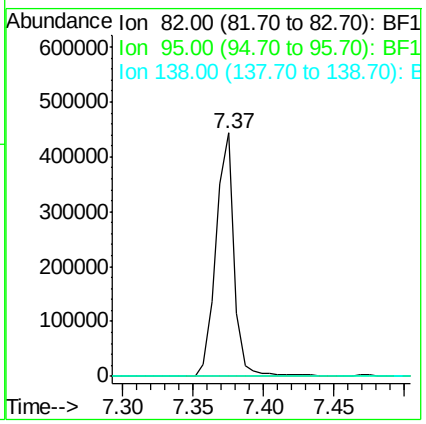


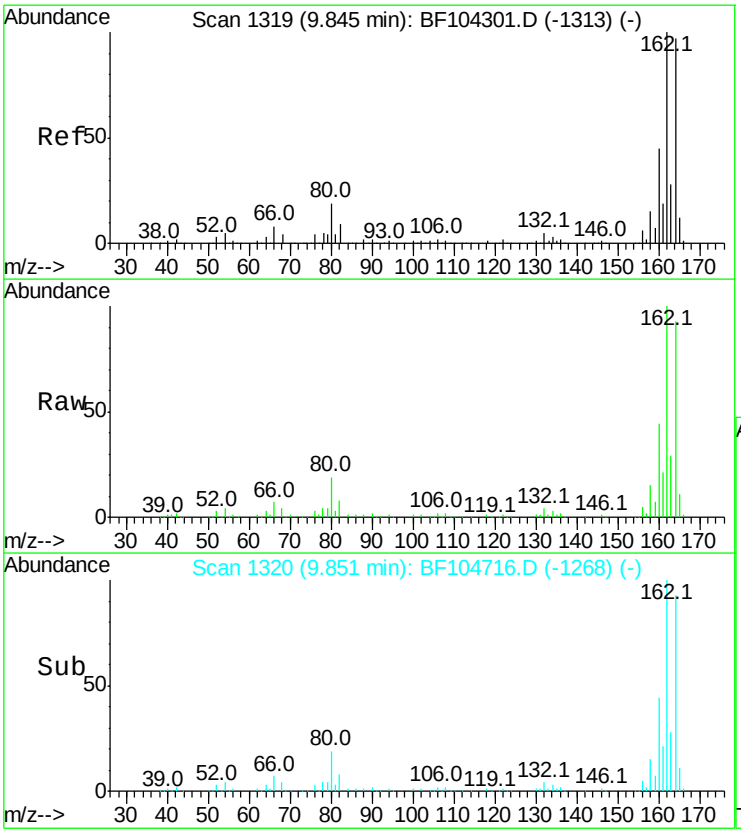
#25
Isophorone
Concen: 30.461 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.25 min
Lab File: BF104716.D
Acq: 23 Apr 2018 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 397166

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

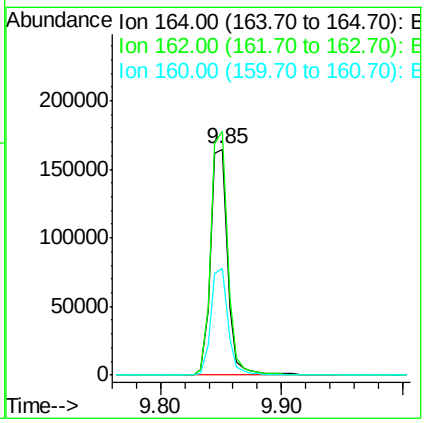


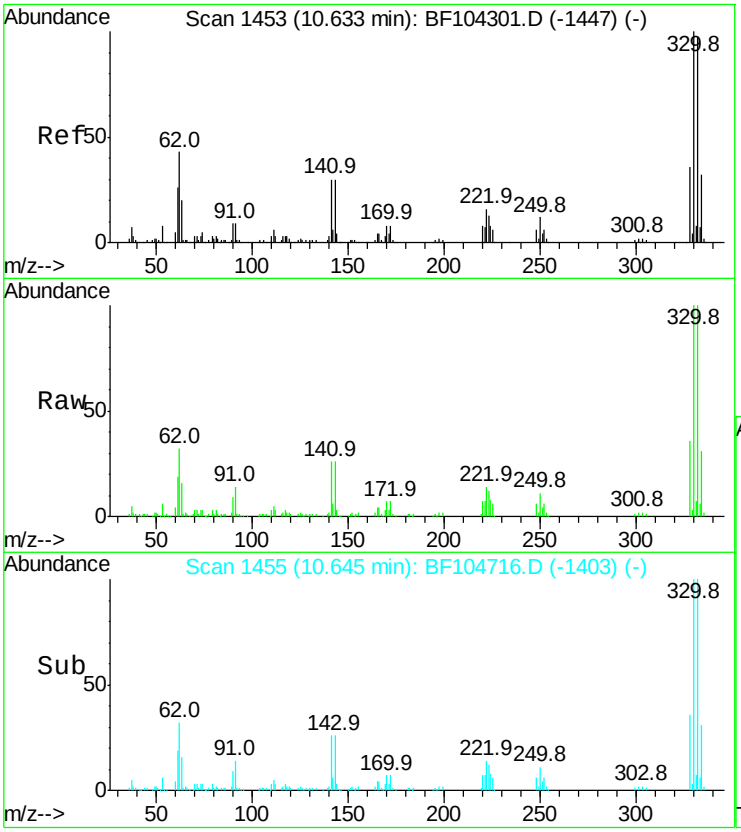


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BF104716.D
Acq: 23 Apr 2018 18:14

Tgt Ion:164 Resp: 159869

Ion	Ratio	Lower	Upper
164	100		
162	107.7	86.1	129.1
160	47.2	38.3	57.5



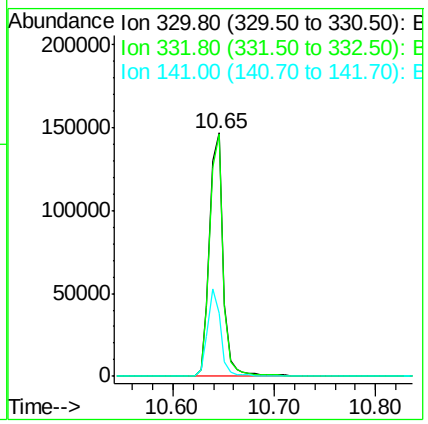


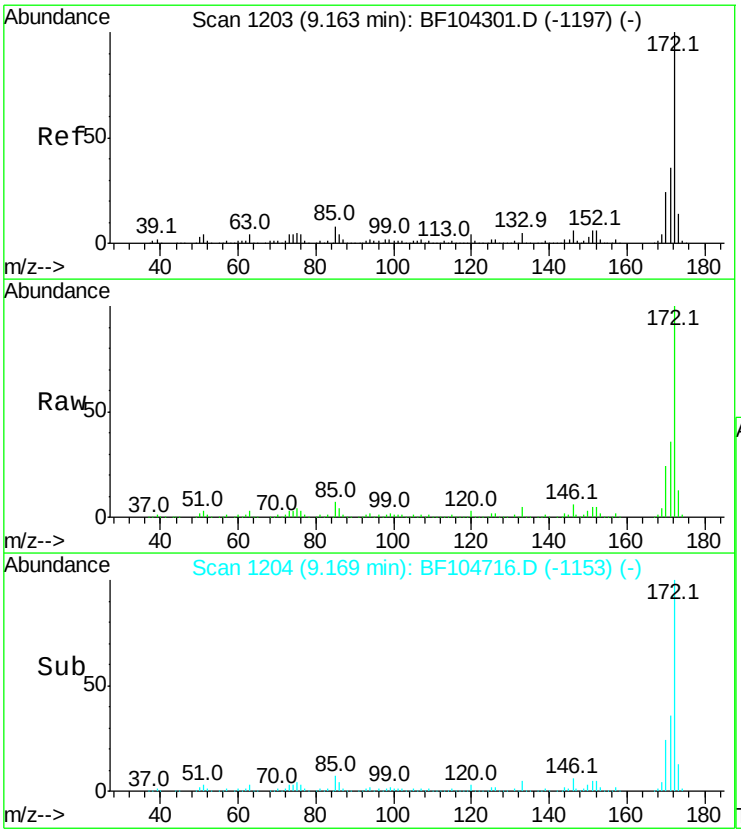
#41
2,4,6-Tribromophenol
Concen: 84.070 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.01 min
Lab File: BF104716.D
Acq: 23 Apr 2018 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 139418

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	34.4	29.9	44.9

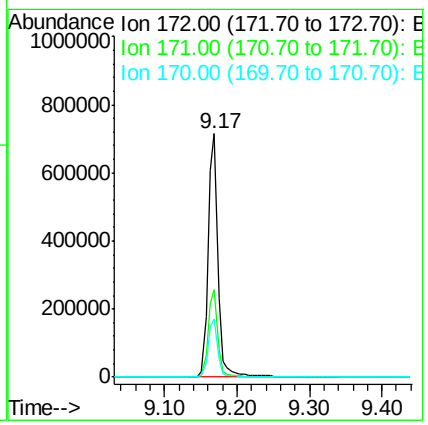


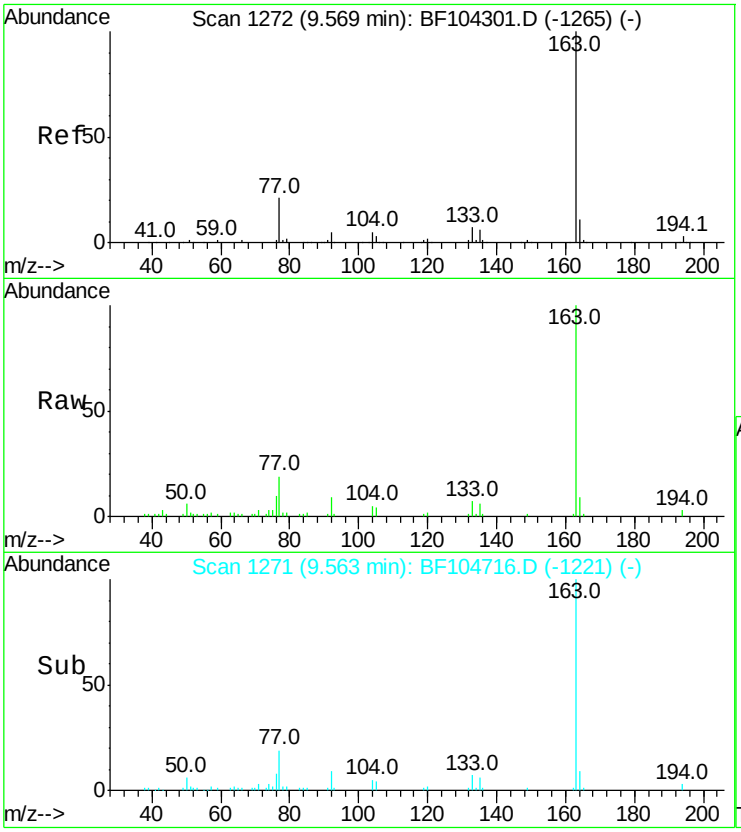


#44
2-Fluorobiphenyl
Concen: 67.068 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF104716.D
Acq: 23 Apr 2018 18:14

Tgt Ion:172 Resp: 678723

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.8	19.6	29.4



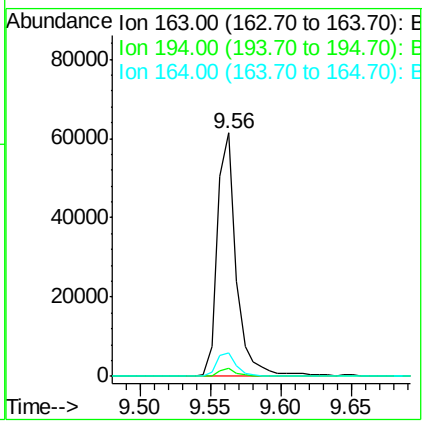


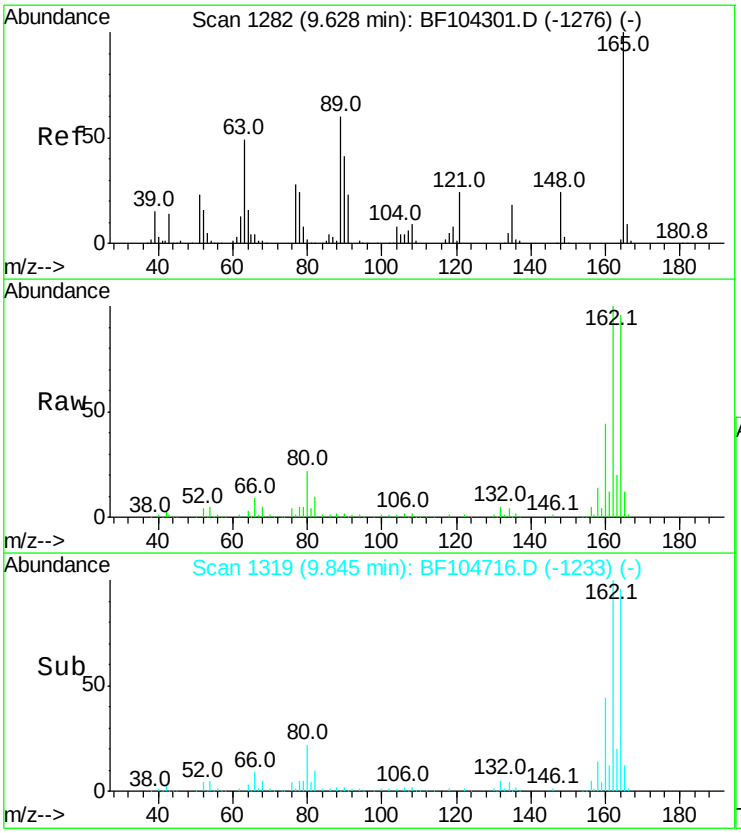
#49
Dimethylphthalate
Concen: 4.567 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF104716.D
Acq: 23 Apr 2018 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 57582

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.4	8.2	12.2

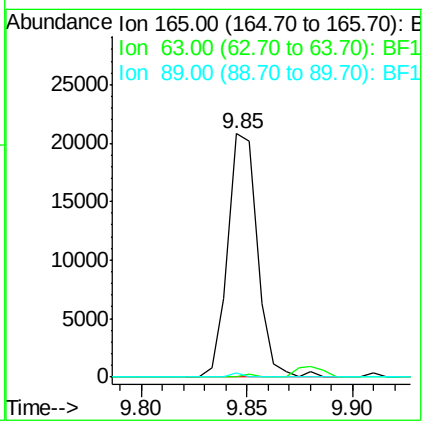


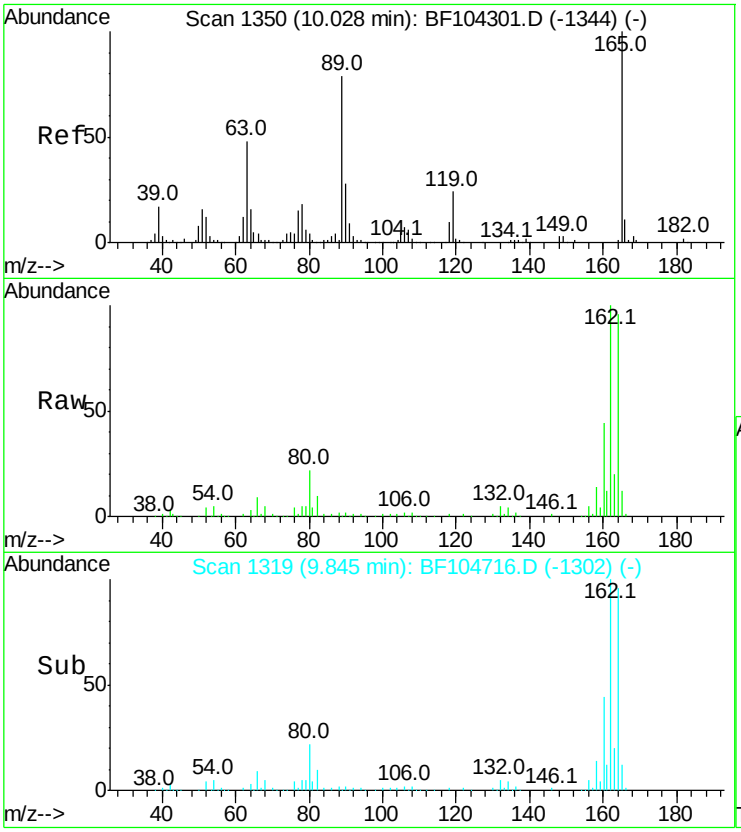


#50
2,6-Dinitrotoluene
Concen: 8.584 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.21 min
Lab File: BF104716.D
Acq: 23 Apr 2018 18:14

Tgt Ion:165 Resp: 20024

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.5	44.0	66.0#



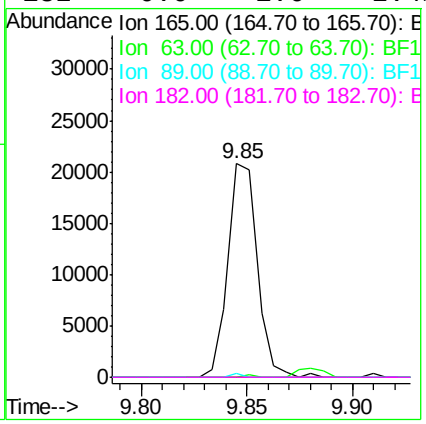


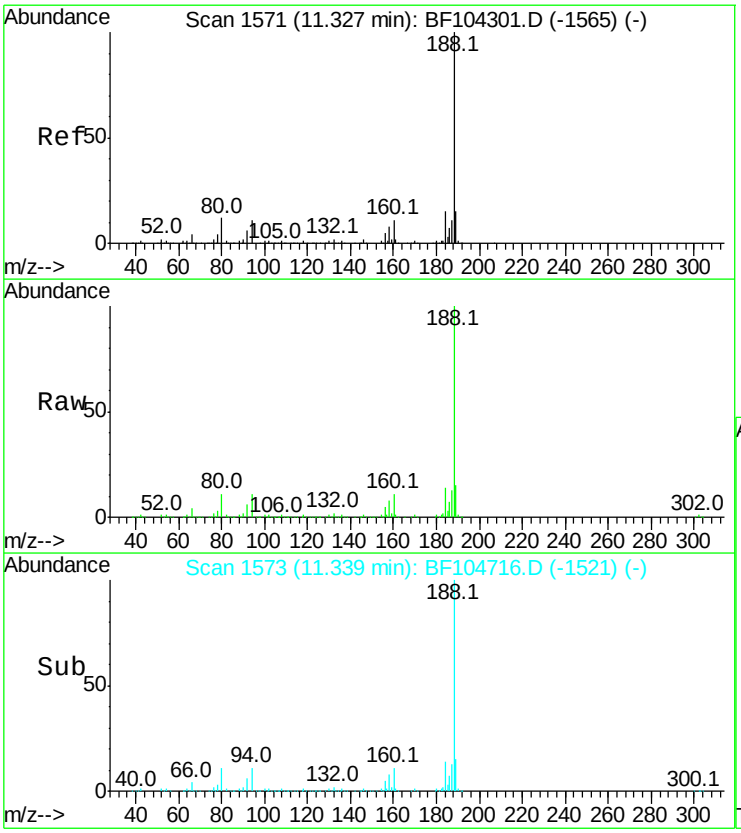
#56
2,4-Dinitrotoluene
Concen: 6.544 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.20 min
Lab File: BF104716.D
Acq: 23 Apr 2018 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 20024

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

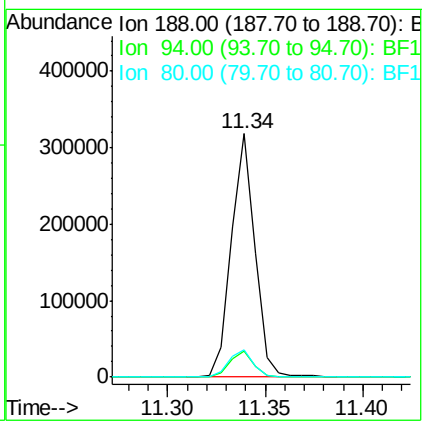


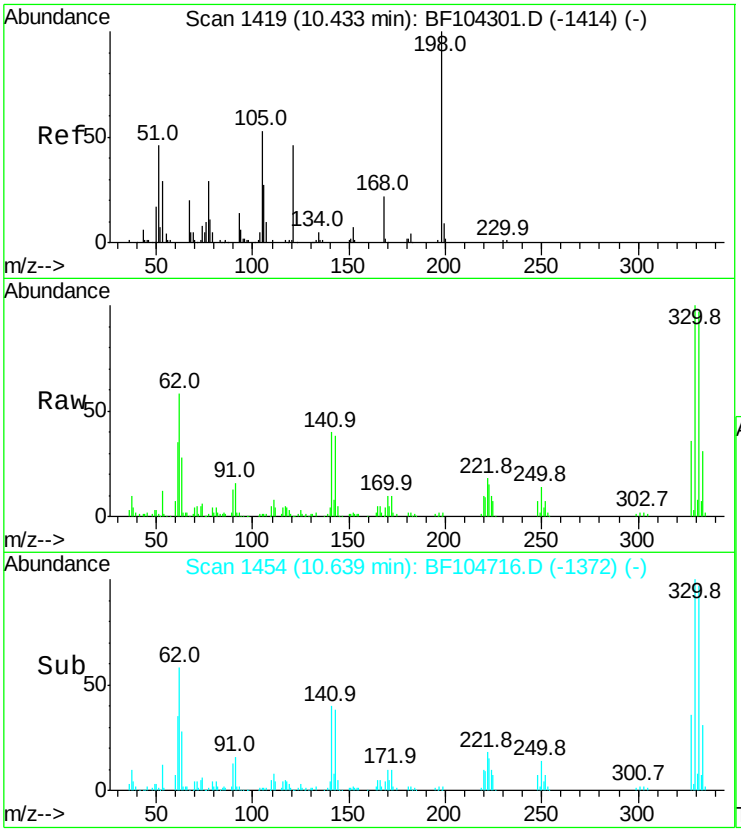


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF104716.D
Acq: 23 Apr 2018 18:14

Tgt Ion:188 Resp: 266261

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.3	9.2	13.8



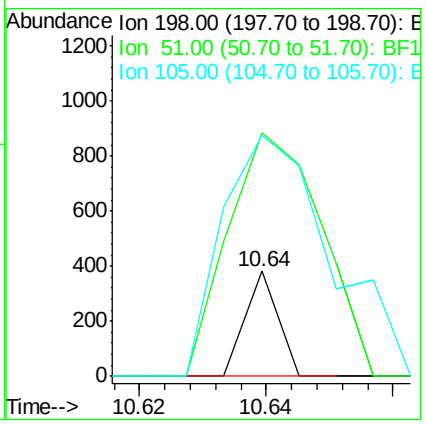


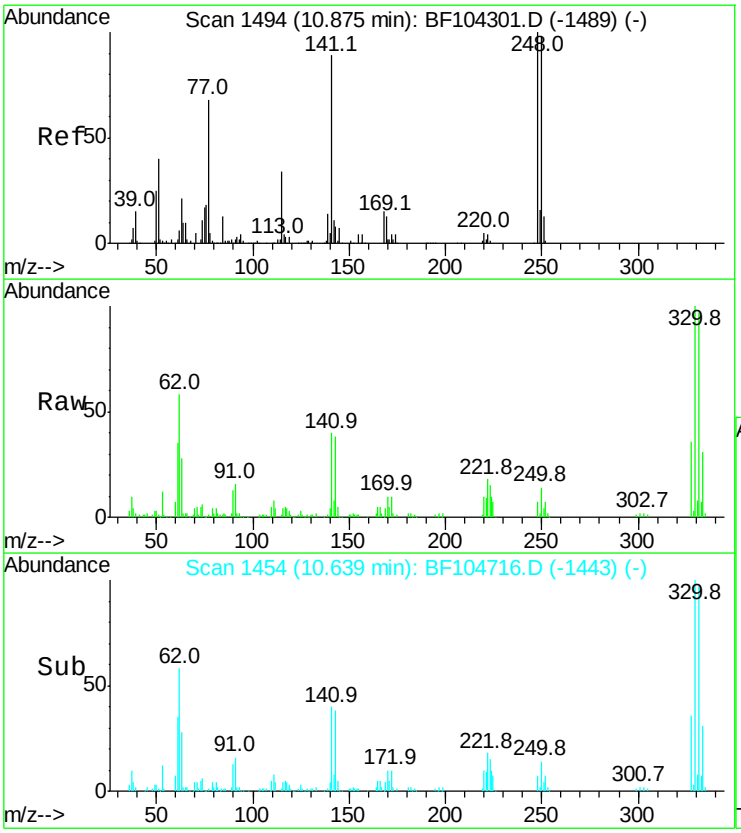
#64
4,6-Dinitro-2-methylphenol
Concen: 7.435 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.18 min
Lab File: BF104716.D
Acq: 23 Apr 2018 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 134

Ion	Ratio	Lower	Upper
198	100		
51	232.0	37.7	77.7#
105	229.7	36.3	76.3#

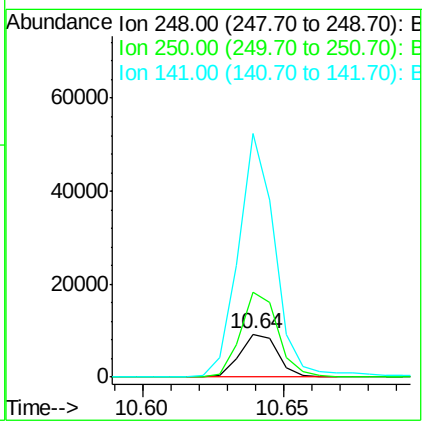


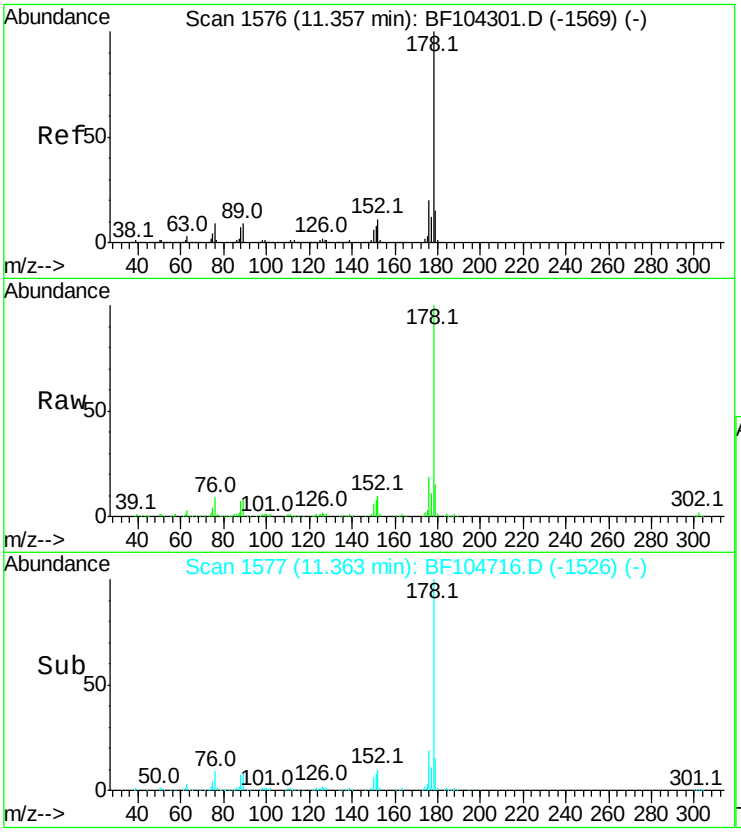


#66
4-Bromophenyl-phenylether
Concen: 3.068 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF104716.D
Acq: 23 Apr 2018 18:14

Tgt Ion:248 Resp: 8688

Ion	Ratio	Lower	Upper
248	100		
250	195.9	76.9	115.3#
141	565.1	74.4	111.6#



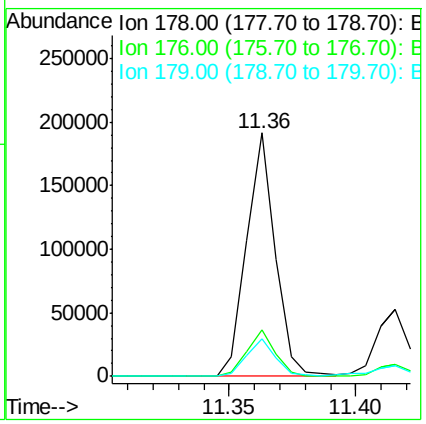


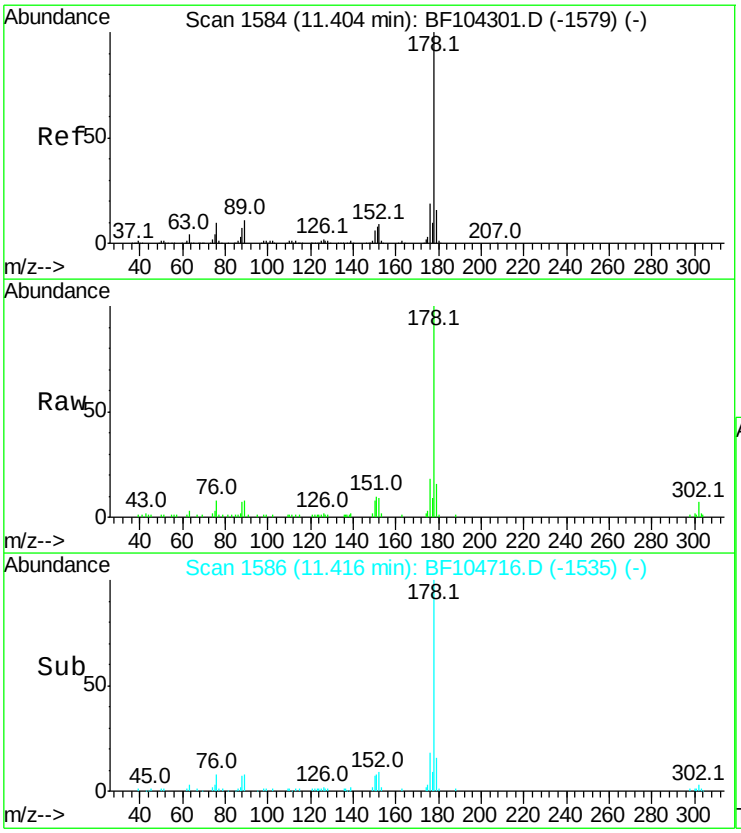
#70
Phenanthrene
Concen: 10.201 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BF104716.D
Acq: 23 Apr 2018 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 151254

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.2	13.0	19.6

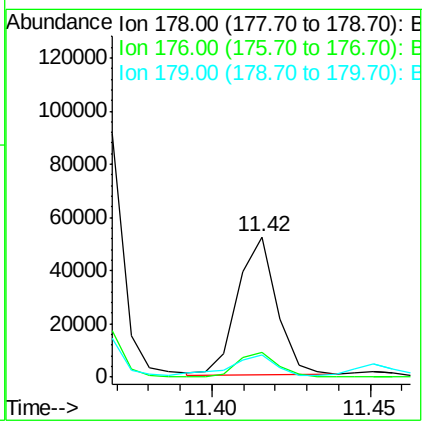


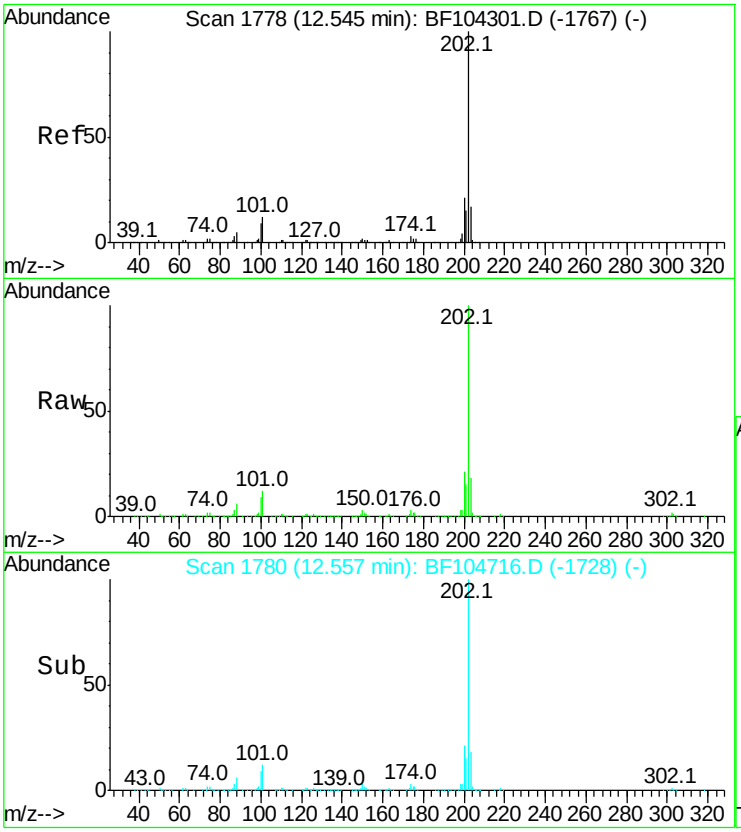


#71
Anthracene
Concen: 2.918 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF104716.D
Acq: 23 Apr 2018 18:14

Tgt Ion:178 Resp: 43977

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.4	23.2
179	15.5	12.6	19.0



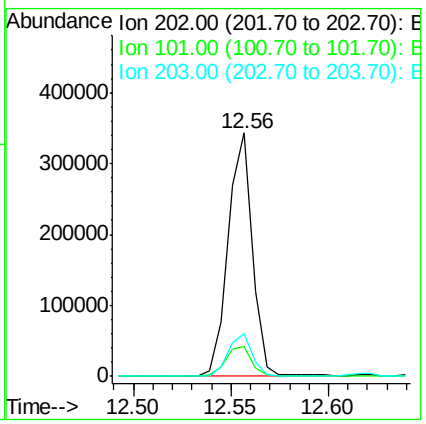


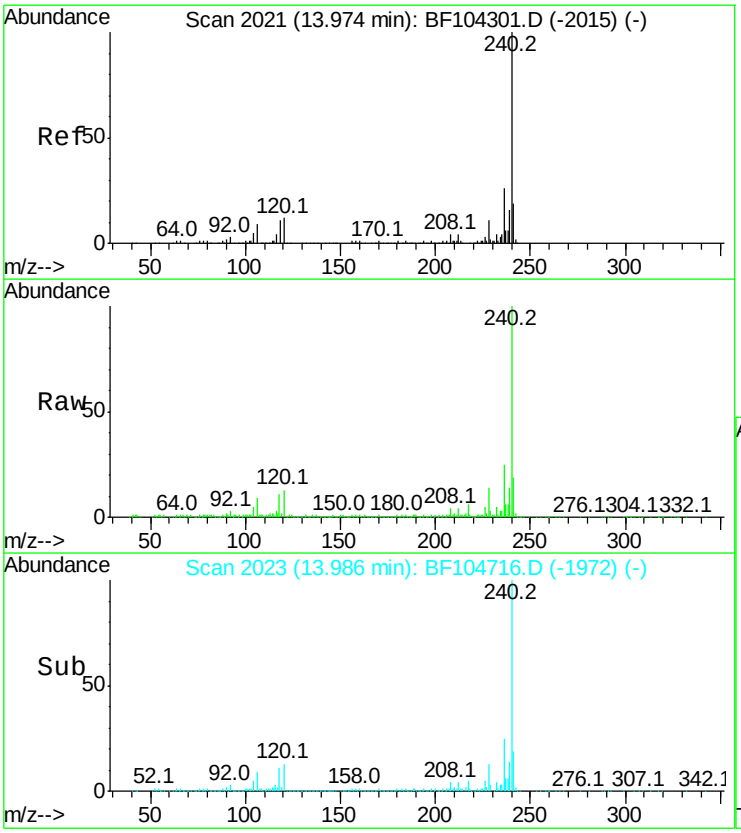
#74
Fluoranthene
Concen: 19.163 ng
RT: 12.56 min Scan# 1780
Delta R.T. 0.01 min
Lab File: BF104716.D
Acq: 23 Apr 2018 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 296882

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	34.1
203	17.7	0.0	38.1

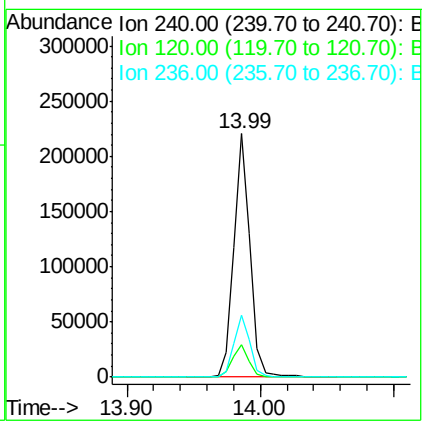


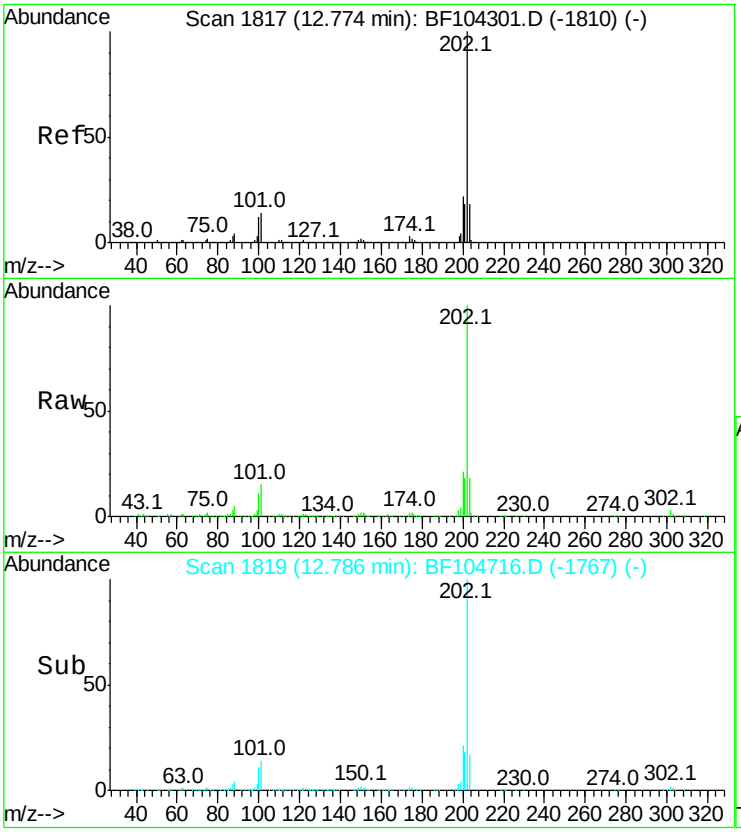


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BF104716.D
Acq: 23 Apr 2018 18:14

Tgt Ion:240 Resp: 187742

Ion	Ratio	Lower	Upper
240	100		
120	13.4	9.5	14.3
236	25.4	20.7	31.1



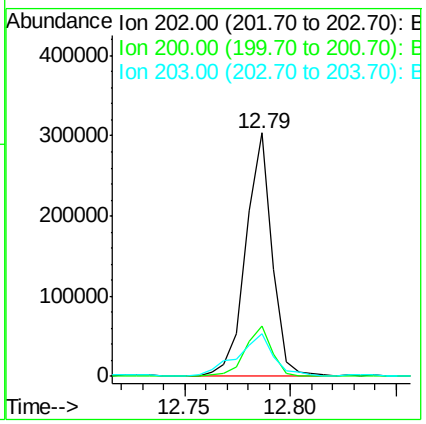


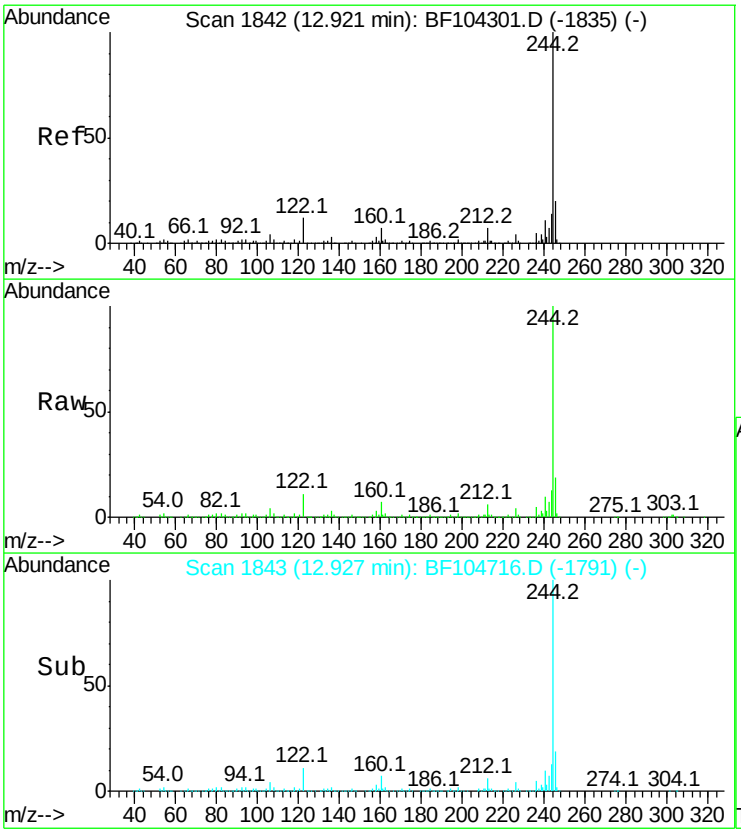
#77
Pyrene
Concen: 18.838 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BF104716.D
Acq: 23 Apr 2018 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 262150

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	17.6	14.3	21.5

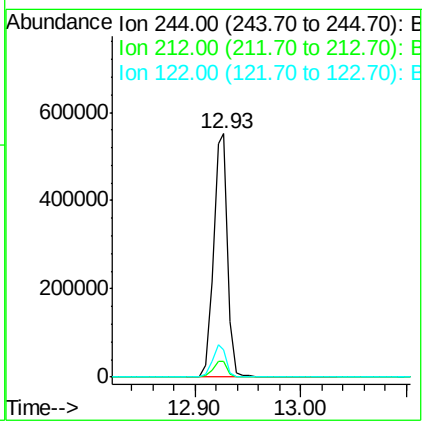


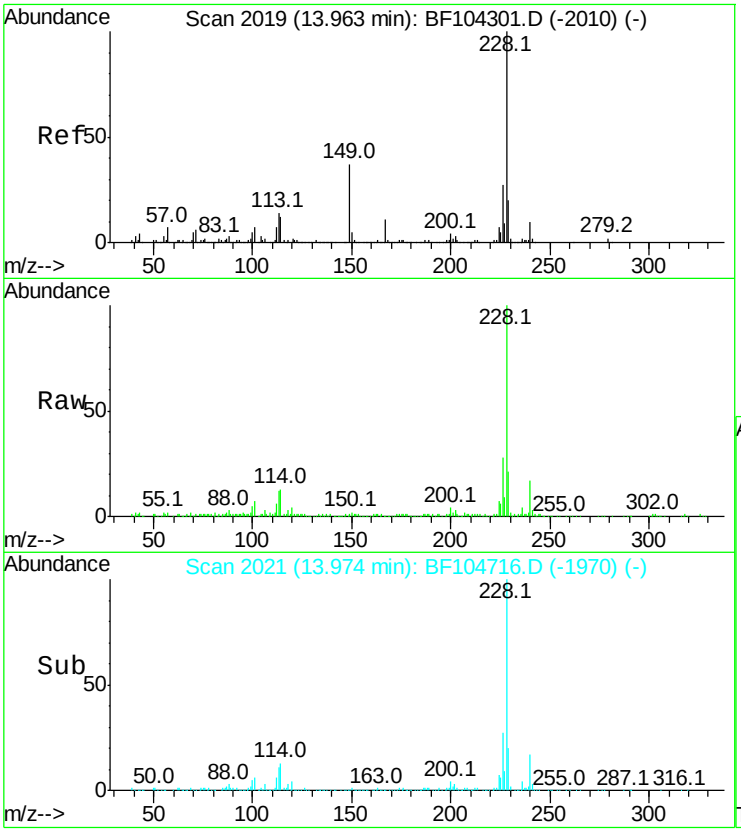


#78
Terphenyl-d14
Concen: 63.407 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.01 min
Lab File: BF104716.D
Acq: 23 Apr 2018 18:14

Tgt Ion:244 Resp: 522150

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	11.1	11.0	16.4



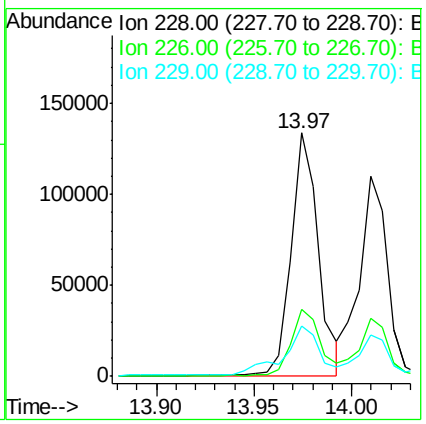


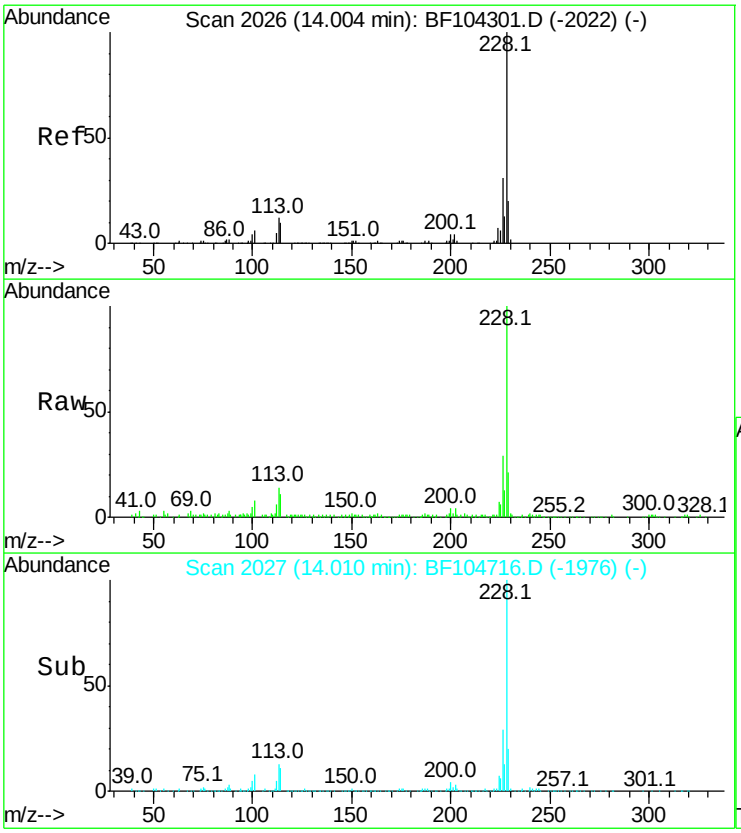
#80
Benzo(a)anthracene
Concen: 11.493 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF104716.D
Acq: 23 Apr 2018 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 128899

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	20.6	15.8	23.6

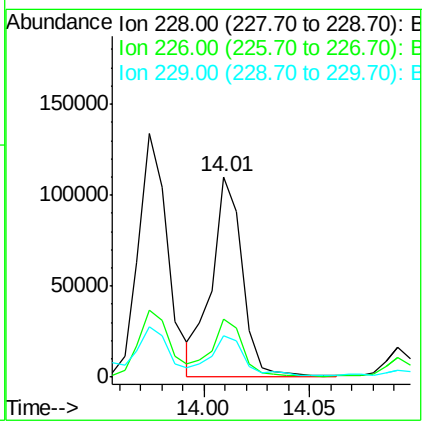


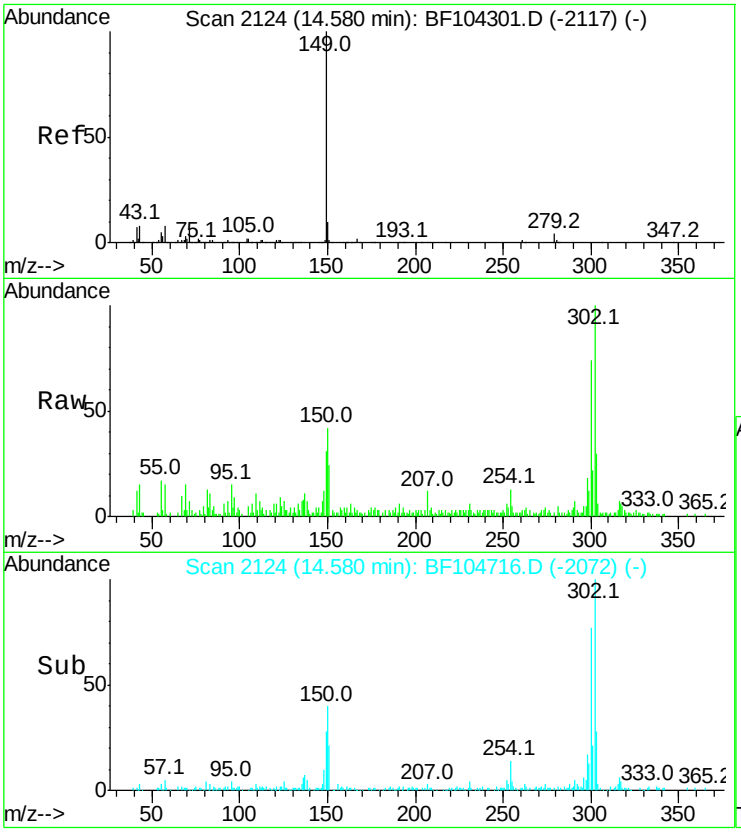


#82
Chrysene
Concen: 9.537 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BF104716.D
Acq: 23 Apr 2018 18:14

Tgt Ion:228 Resp: 109872

Ion	Ratio	Lower	Upper
228	100		
226	28.9	25.0	37.6
229	20.9	16.2	24.4



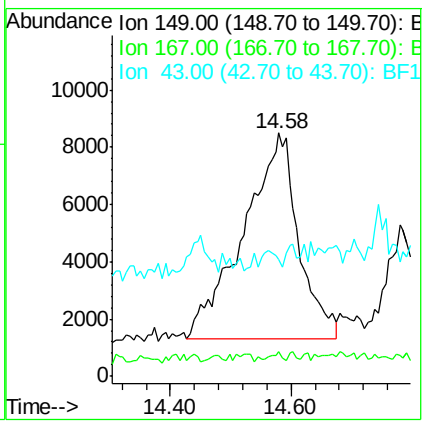


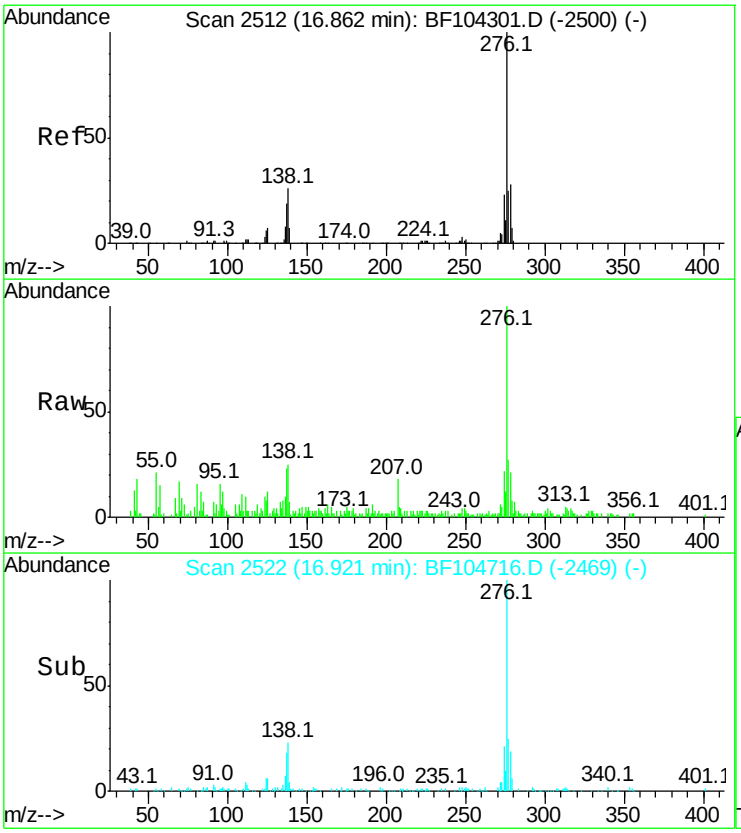
#84
Di-n-octyl phthalate
Concen: 3.244 ng
RT: 14.58 min Scan# 2124
Delta R.T. 0.01 min
Lab File: BF104716.D
Acq: 23 Apr 2018 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 45711

Ion	Ratio	Lower	Upper
149	100		
167	0.6	1.2	1.8#
43	2.1	8.4	12.6#

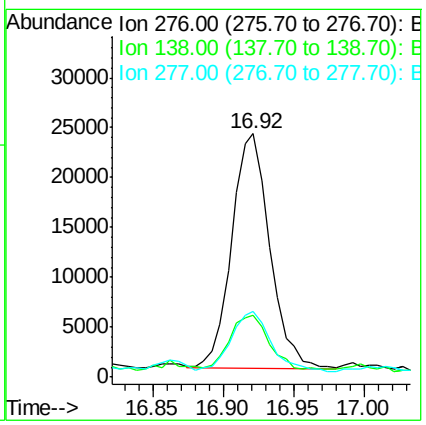


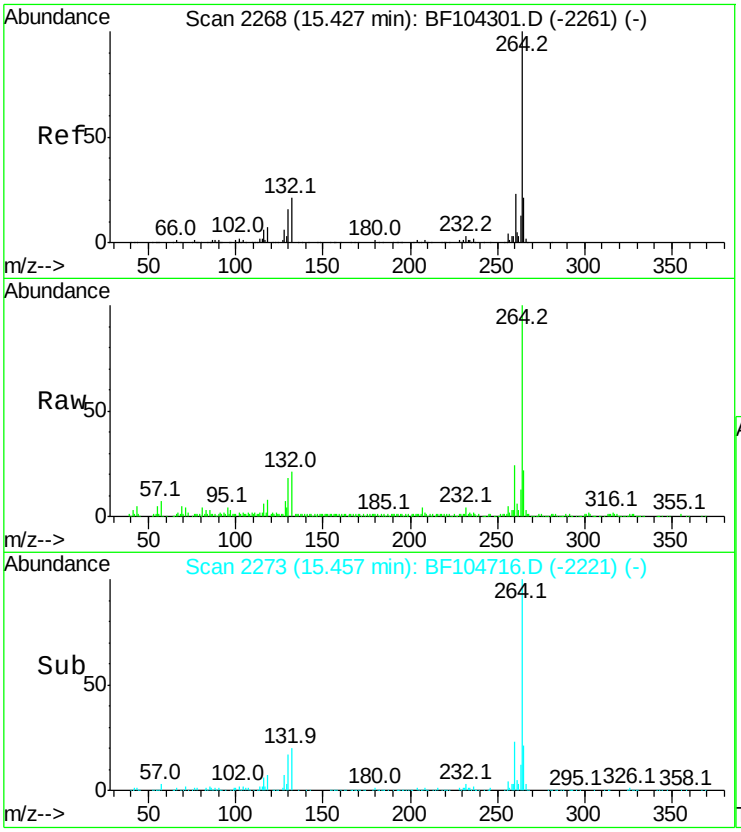


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.506 ng
RT: 16.92 min Scan# 2522
Delta R.T. 0.01 min
Lab File: BF104716.D
Acq: 23 Apr 2018 18:14

Tgt Ion:276 Resp: 44102

Ion	Ratio	Lower	Upper
276	100		
138	25.1	25.0	37.6
277	27.3	20.1	30.1



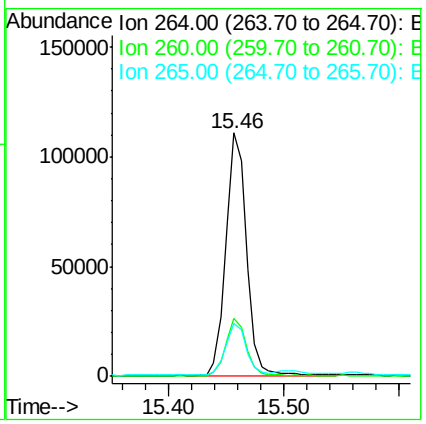


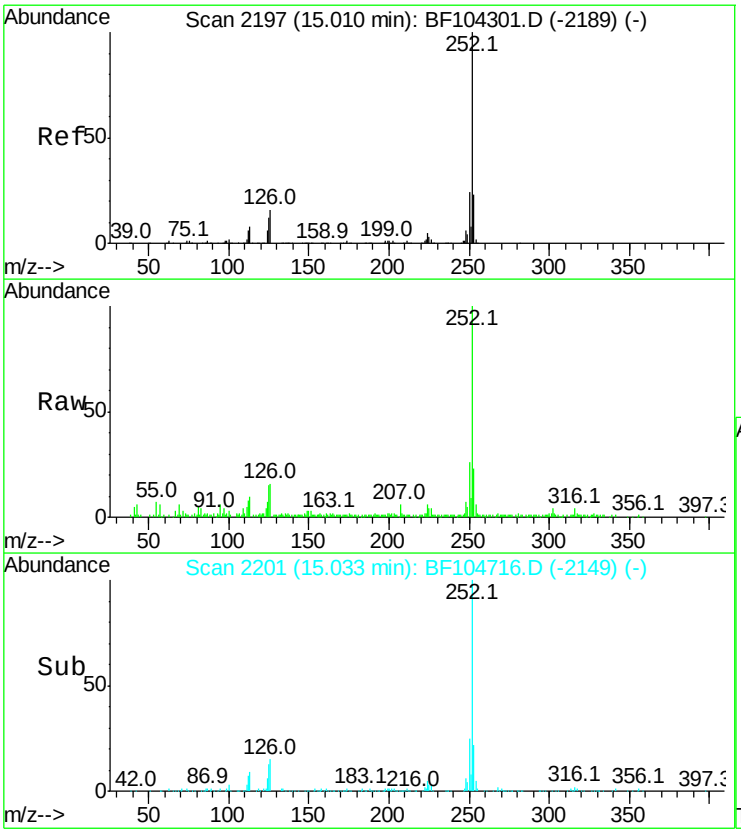
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF104716.D
Acq: 23 Apr 2018 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 136323

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.6	17.5	26.3

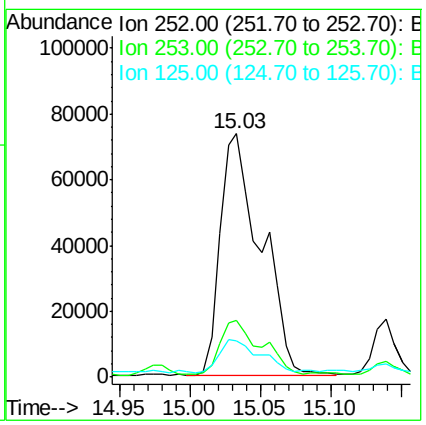


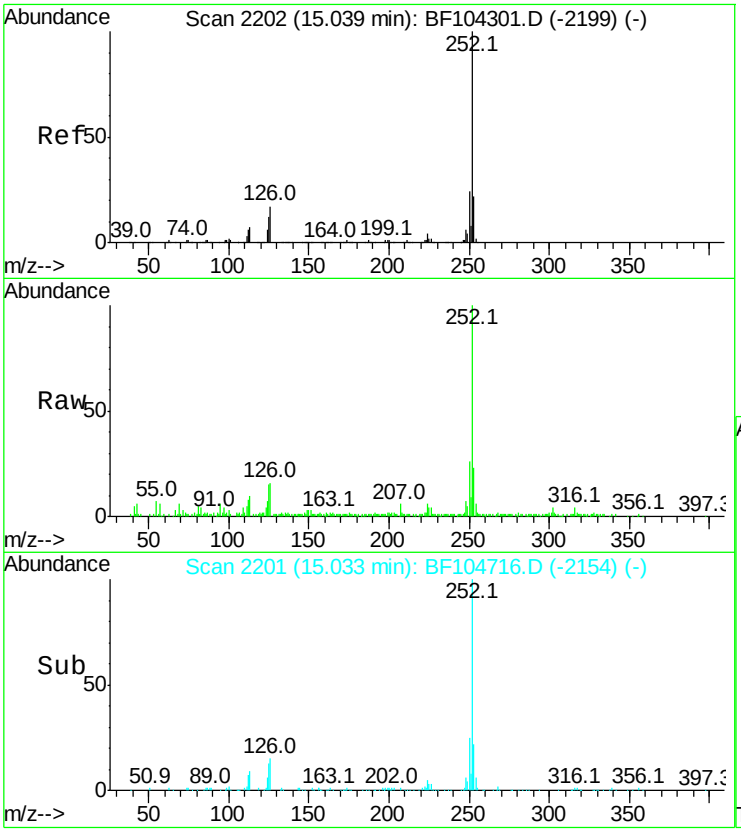


#87
Benzo(b)fluoranthene
Concen: 17.332 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF104716.D
Acq: 23 Apr 2018 18:14

Tgt Ion:252 Resp: 149229

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.6
125	15.0	9.0	13.6#



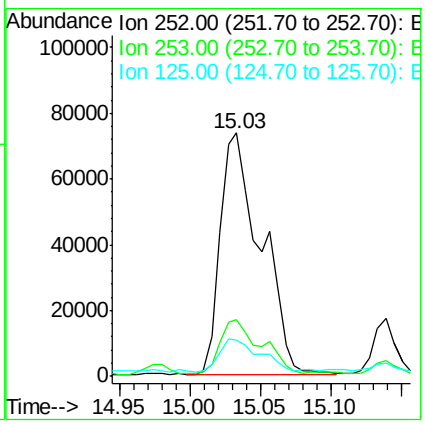


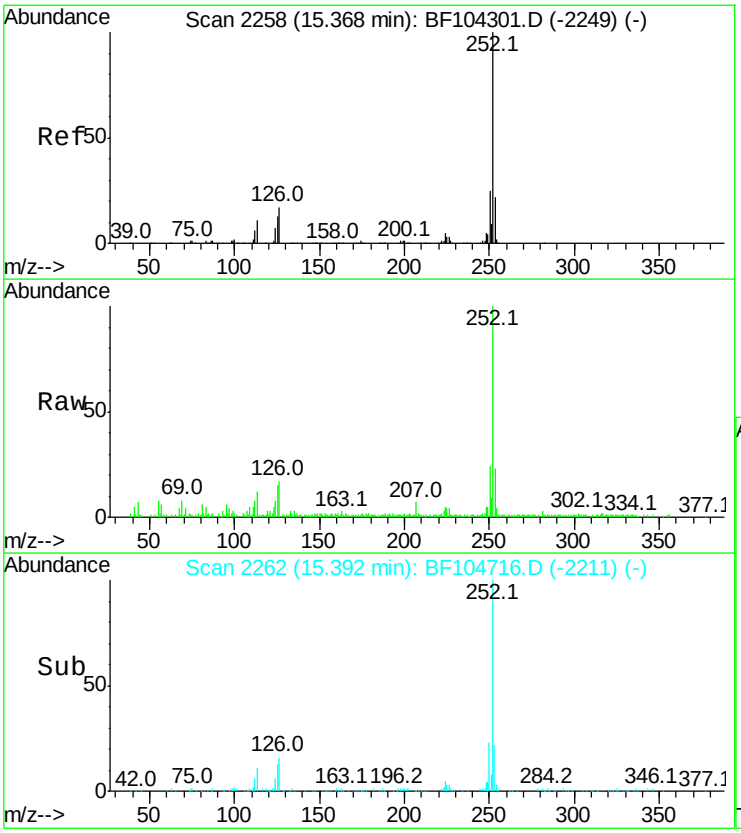
#88
Benzo(k)fluoranthene
Concen: 18.359 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF104716.D
Acq: 23 Apr 2018 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 149229

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	15.0	10.2	15.2

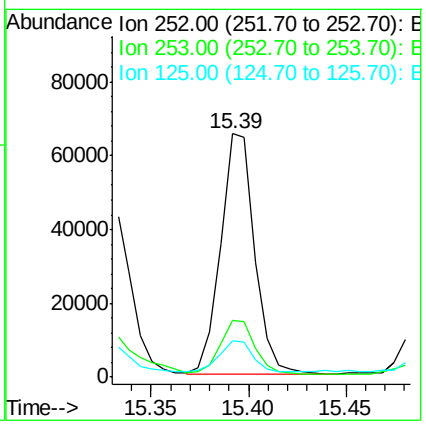


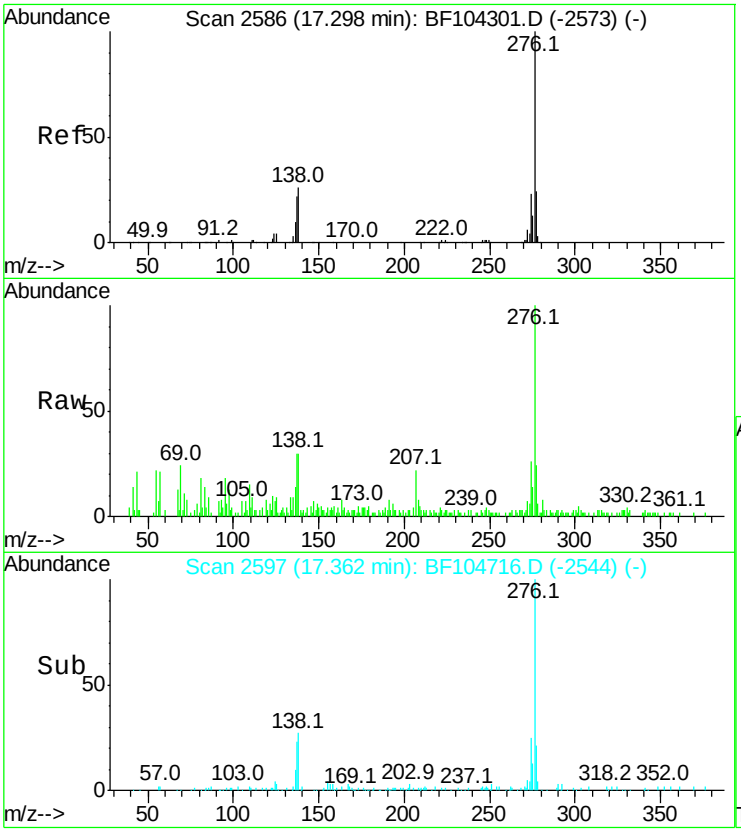


#89
Benzo(a)pyrene
Concen: 10.277 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.00 min
Lab File: BF104716.D
Acq: 23 Apr 2018 18:14

Tgt Ion:252 Resp: 79173

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	15.0	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 7.457 ng
RT: 17.36 min Scan# 2597
Delta R.T. 0.01 min
Lab File: BF104716.D
Acq: 23 Apr 2018 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 45713

Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	29.5	21.8	32.8