Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
Data File : BF104526.D
Acq On : 16 Apr 2018 11:40
Operator : JU/SJ
Sample : J2357-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR2520258

Quant Time: Apr 16 12:16:34 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 16 12:15:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	178880	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	714947	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	316575	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	506445	20.00	ng		0.00
75) Chrysene-d12	13.98	240	355011	20.00	ng		-0.01
86) Perylene-d12	15.45	264	303855	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	906645	77.50	ng		0.00
7) Phenol-d6	6.45	99	1248267	86.84	ng		0.00
23) Nitrobenzene-d5	7.37	82	807065	73.71	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	188814	57.50	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1220916	60.93	ng		0.00
78) Terphenyl-d14	12.93	244	957353	61.48	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.46	94	56889	3.730	ng		80
19) n-Nitroso-di-n-propylamine	7.37	70	106951	11.387	ng	#	73
25) Isophorone	7.37	82	800807	34.587	ng	#	64
49) Dimethylphthalate	9.56	163	242430	9.711	ng		99
56) 2,4-Dinitrotoluene	9.85	165	41453	6.841	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.64	198	320	7.457	ng	#	1
66) 4-Bromophenyl-phenylether	10.64	248	11690	2.170	ng	#	1
70) Phenanthrene	11.36	178	93738	3.324	ng		98
74) Fluoranthene	12.55	202	222379	7.547	ng		97
76) Benzidine	12.93	184	12596	Below Cal			94
77) Pyrene	12.78	202	206825	7.860	ng		99
80) Benzo(a)anthracene	13.97	228	113442	5.349	ng		96
82) Chrysene	14.00	228	113525	5.211	ng		95
85) Indeno(1,2,3-cd)pyrene	16.90	276	48662	2.630	ng		94
87) Benzo(b)fluoranthene	15.02	252	184159	9.596	ng	#	94
88) Benzo(k)fluoranthene	15.02	252	184159	10.164	ng	#	96
89) Benzo(a)pyrene	15.39	252	89383	5.205	ng		97
91) Benzo(g,h,i)perylene	17.34	276	50007	3.660	ng		95

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

Quantitation Report (Not Reviewed)

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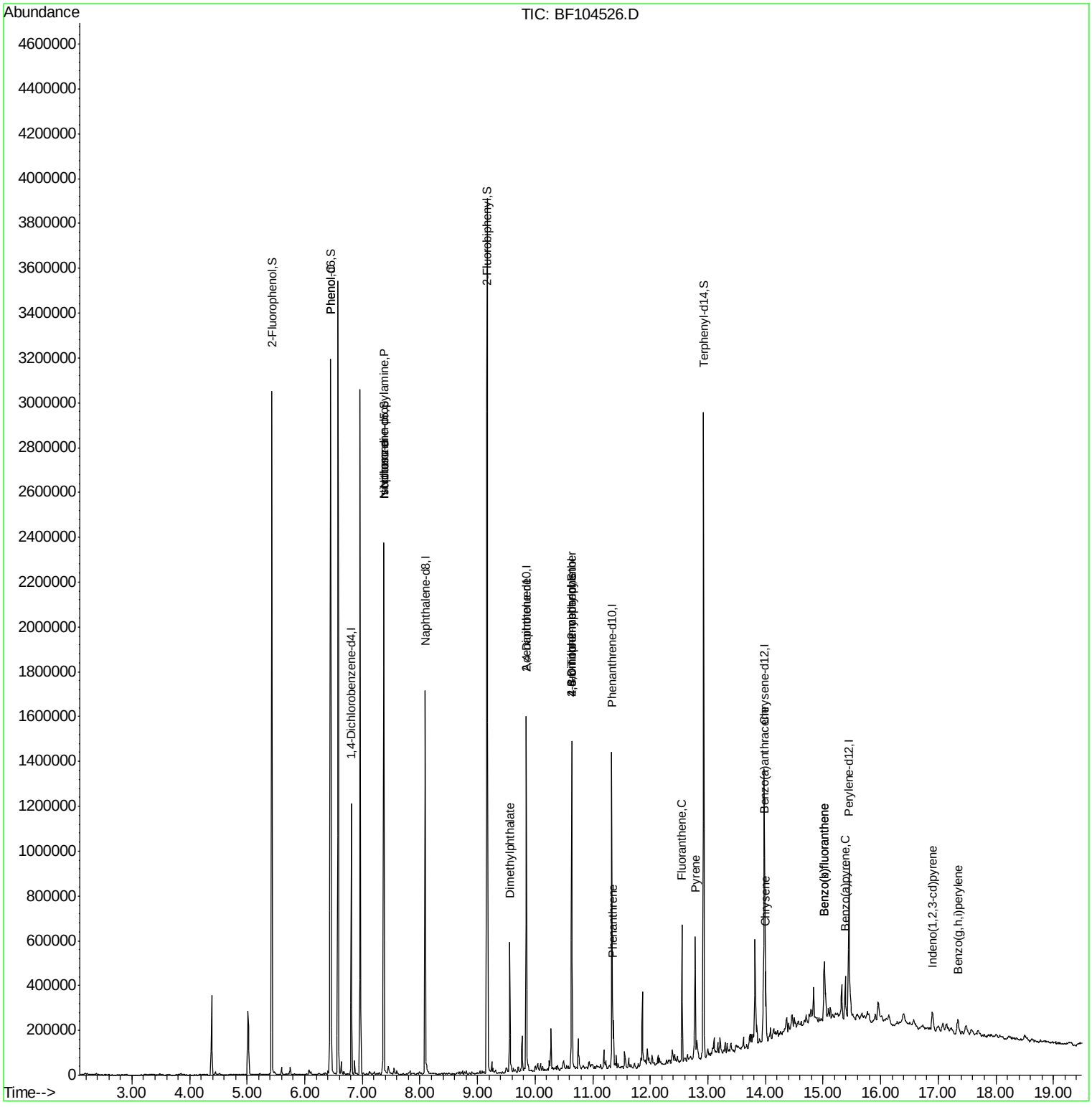
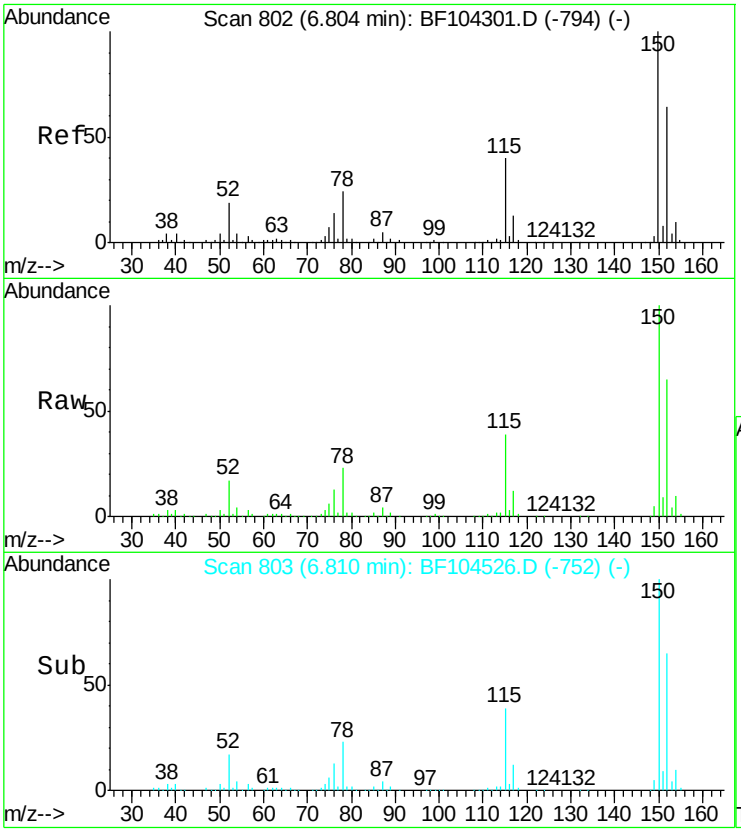


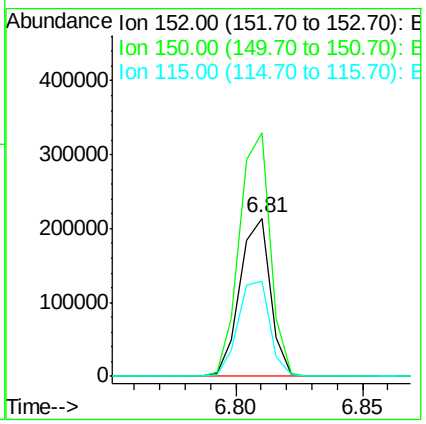


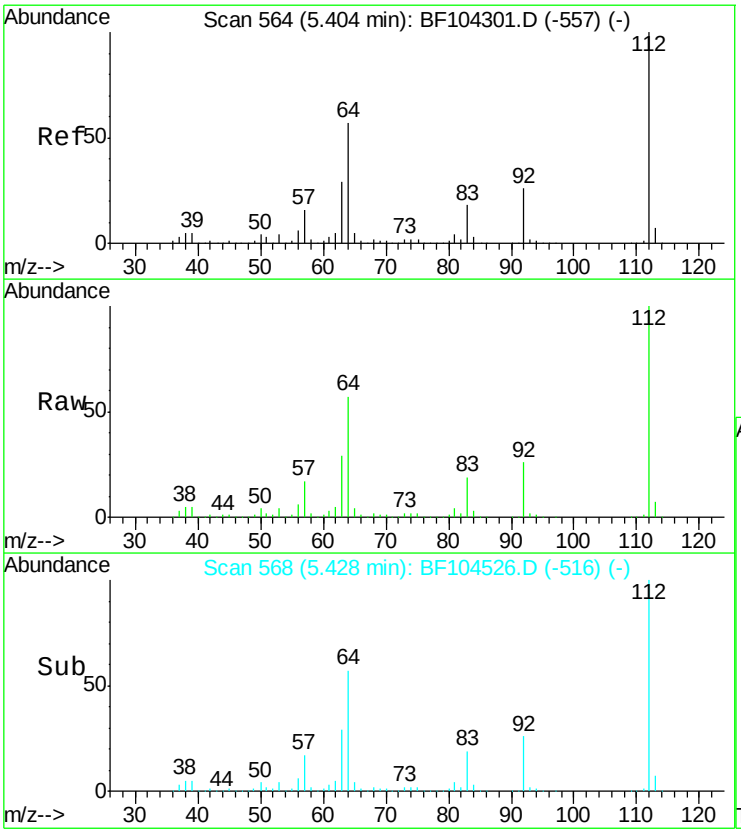
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104526.D
Acq: 16 Apr 2018 11:40

Instrument :
BNA_F
ClientSampleId :
RBR2520258

Tgt Ion:152 Resp: 178880

Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.6	186.8
115	60.0	50.1	75.1

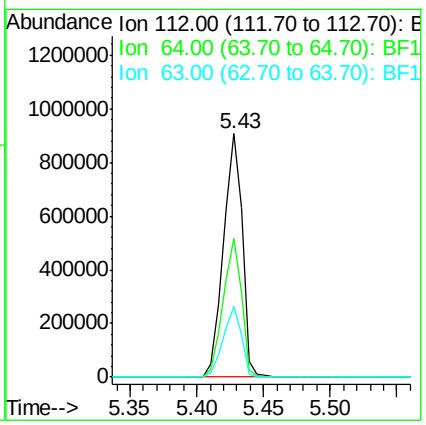


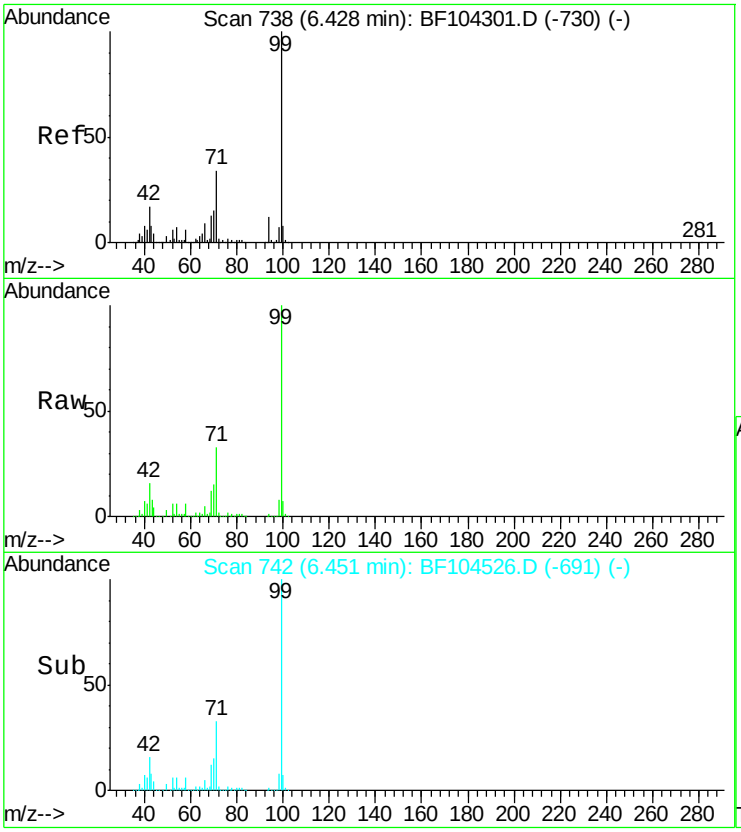


#5
2-Fluorophenol
Concen: 77.499 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104526.D
Acq: 16 Apr 2018 11:40

Tgt Ion:112 Resp: 906645

Ion	Ratio	Lower	Upper
112	100		
64	57.0	47.9	71.9
63	29.0	23.7	35.5



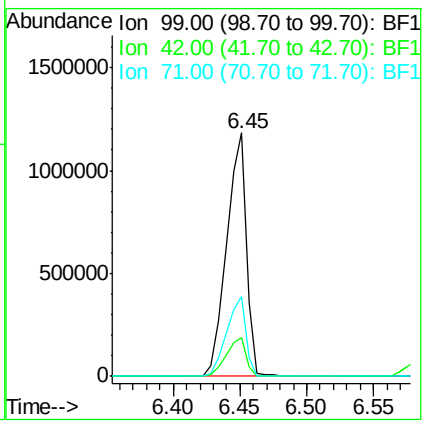


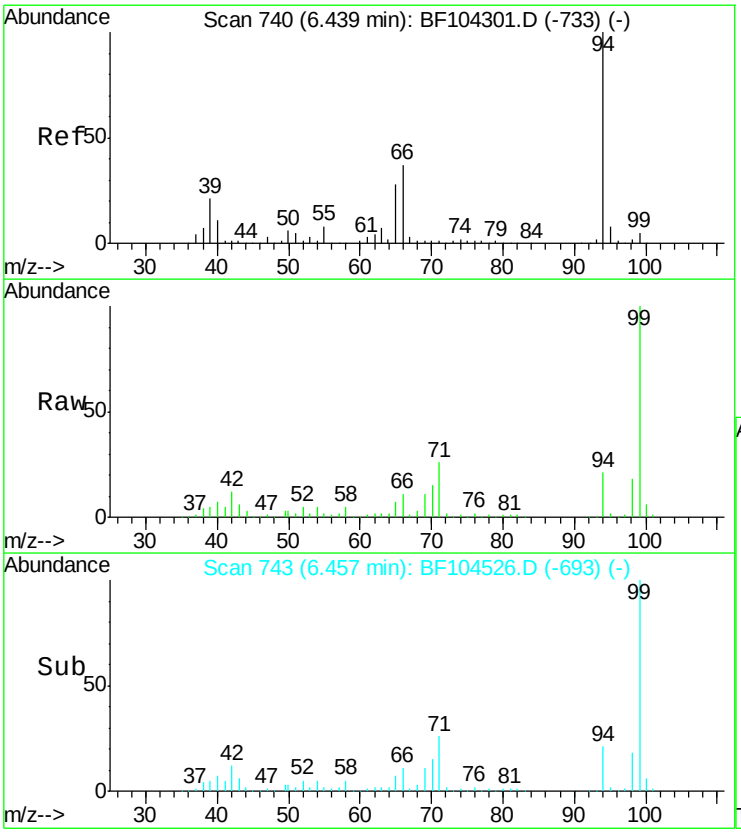
#7
Phenol-d6
Concen: 86.842 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF104526.D
Acq: 16 Apr 2018 11:40

Instrument :
BNA_F
ClientSampleId :
RBR2520258

Tgt Ion: 99 Resp: 1248267

Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.5	21.7
71	33.0	25.4	38.0

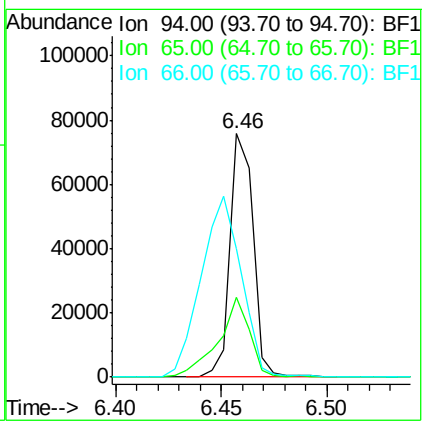


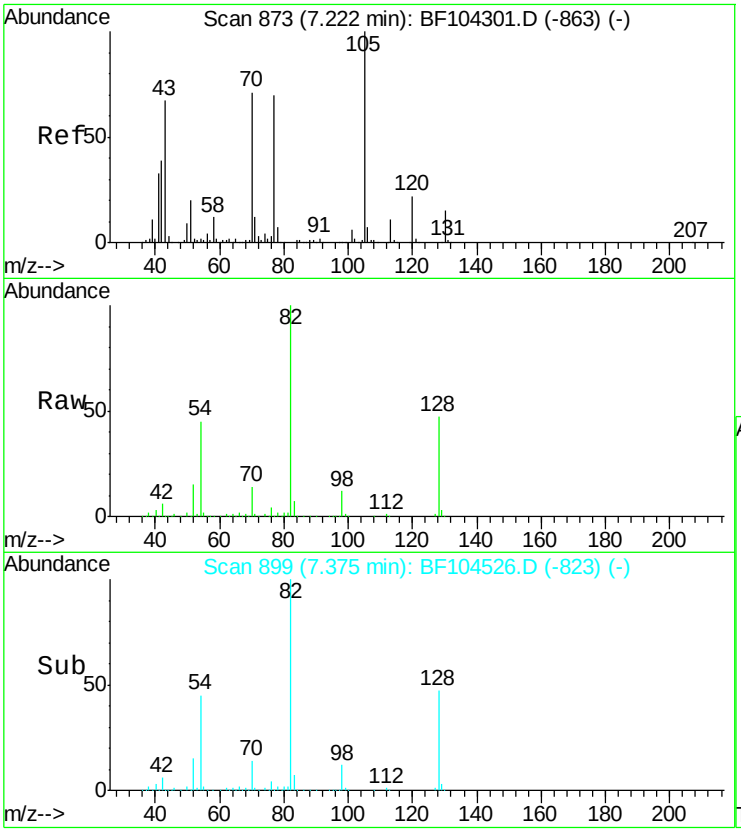


#10
Phenol
Concen: 3.730 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF104526.D
Acq: 16 Apr 2018 11:40

Tgt Ion: 94 Resp: 56889

Ion	Ratio	Lower	Upper
94	100		
65	32.6	7.9	47.9
66	52.9	16.2	56.2



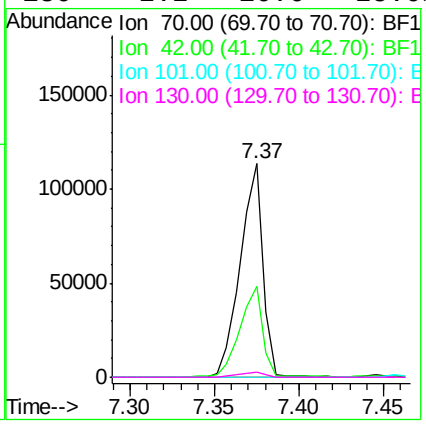


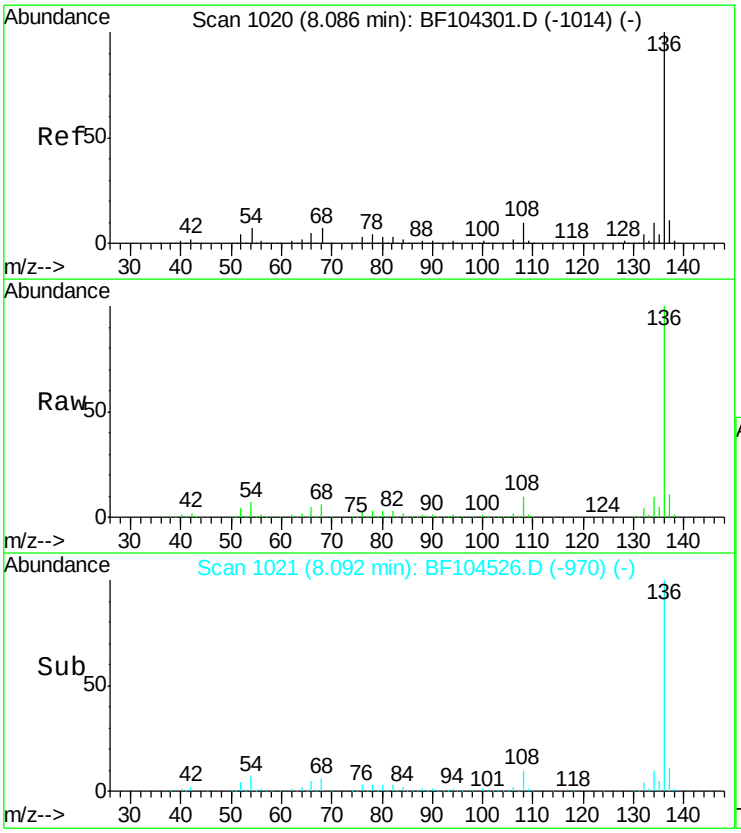
#19
n-Nitroso-di-n-propylamine
Concen: 11.387 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF104526.D
Acq: 16 Apr 2018 11:40

Instrument :
BNA_F
ClientSampleId :
RBR2520258

Tgt Ion: 70 Resp: 106951

Ion	Ratio	Lower	Upper
70	100		
42	42.6	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#

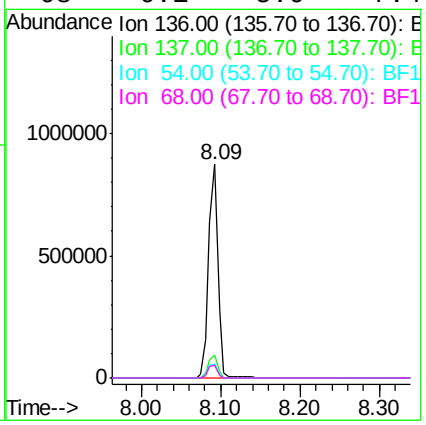


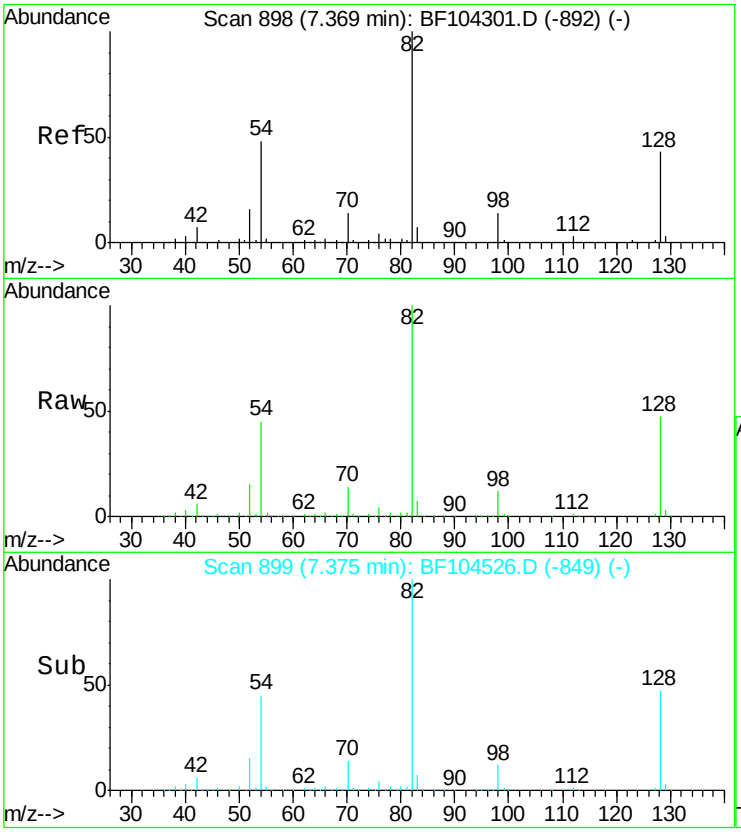


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF104526.D
Acq: 16 Apr 2018 11:40

Tgt Ion:136 Resp: 714947

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.8	6.6	9.8
68	6.1	5.0	7.4



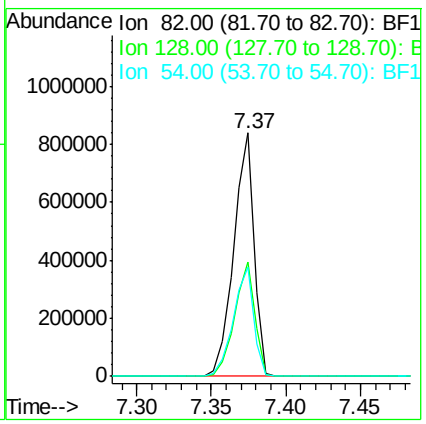


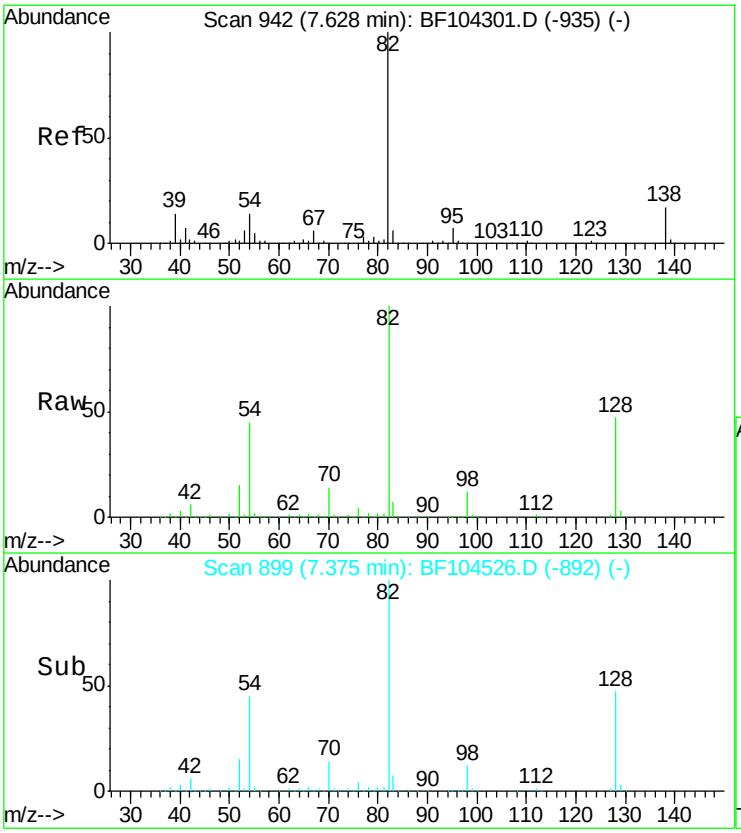
#23
Nitrobenzene-d5
Concen: 73.711 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF104526.D
Acq: 16 Apr 2018 11:40

Instrument :
BNA_F
ClientSampleId :
RBR2520258

Tgt Ion: 82 Resp: 807065

Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.1	54.1
54	44.7	41.4	62.2

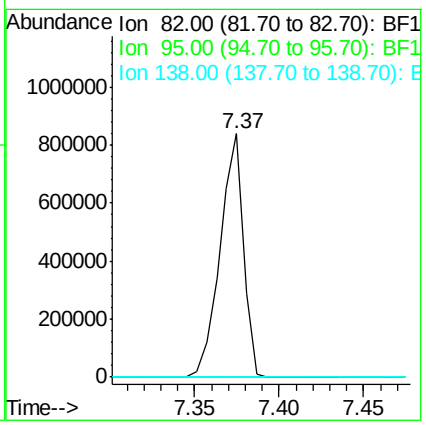


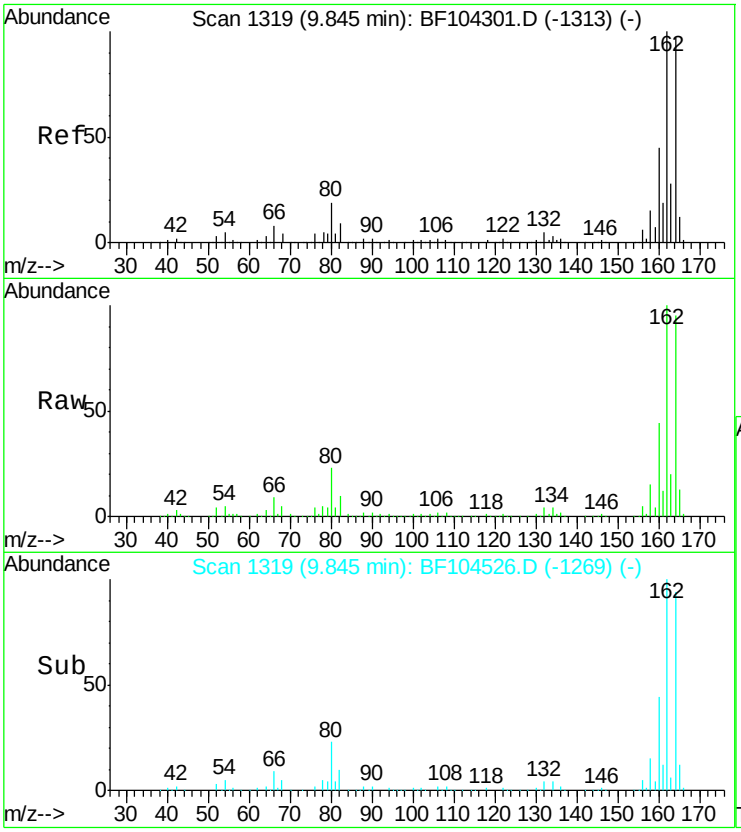


#25
Isophorone
Concen: 34.587 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF104526.D
Acq: 16 Apr 2018 11:40

Tgt Ion: 82 Resp: 800807

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



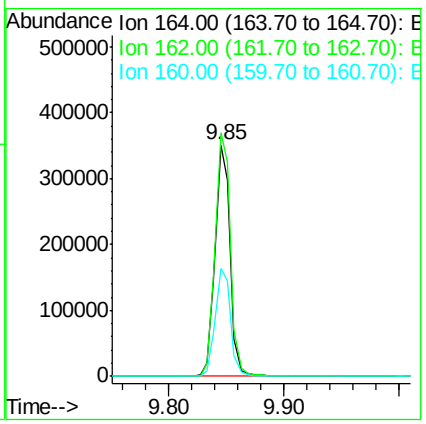


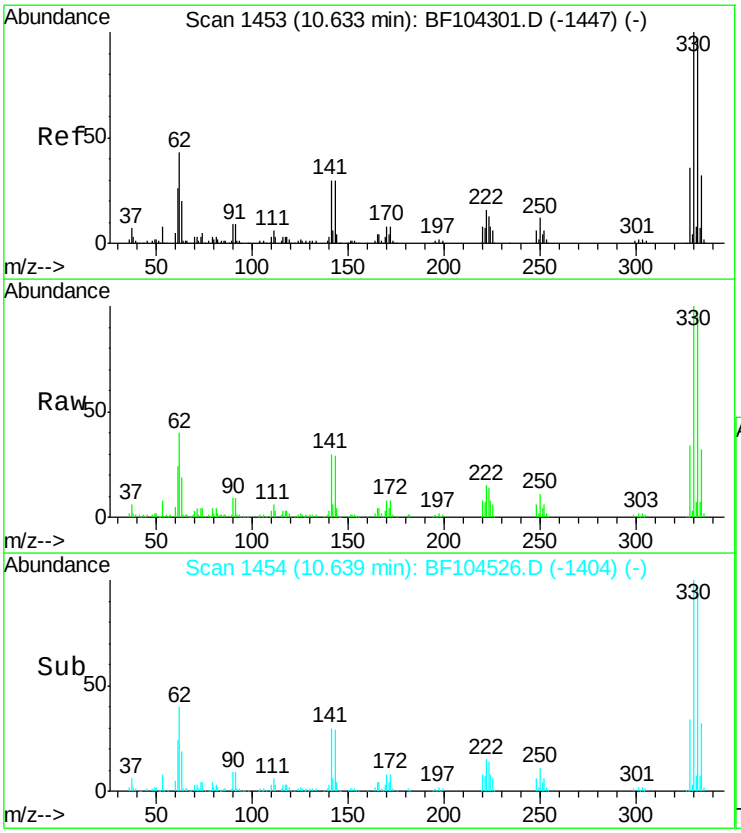
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF104526.D
Acq: 16 Apr 2018 11:40

Instrument :
BNA_F
ClientSampleId :
RBR2520258

Tgt Ion:164 Resp: 316575

Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	46.4	38.3	57.5

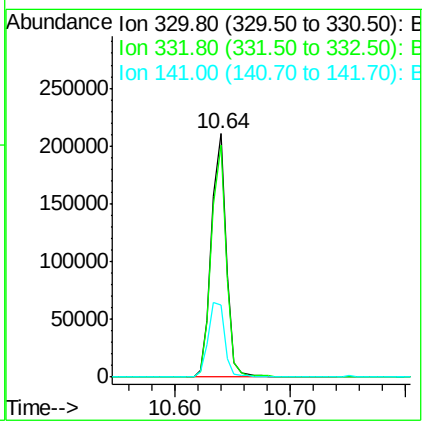


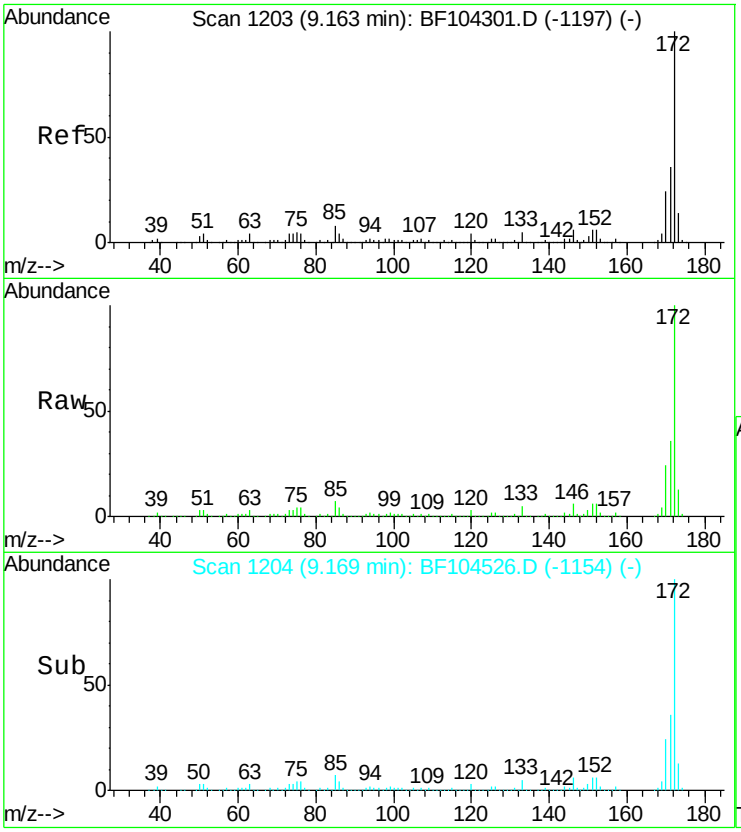


#41
2,4,6-Tribromophenol
Concen: 57.497 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF104526.D
Acq: 16 Apr 2018 11:40

Tgt Ion:330 Resp: 188814

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	34.9	29.9	44.9



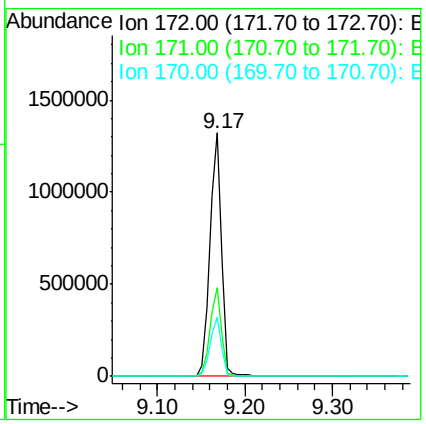


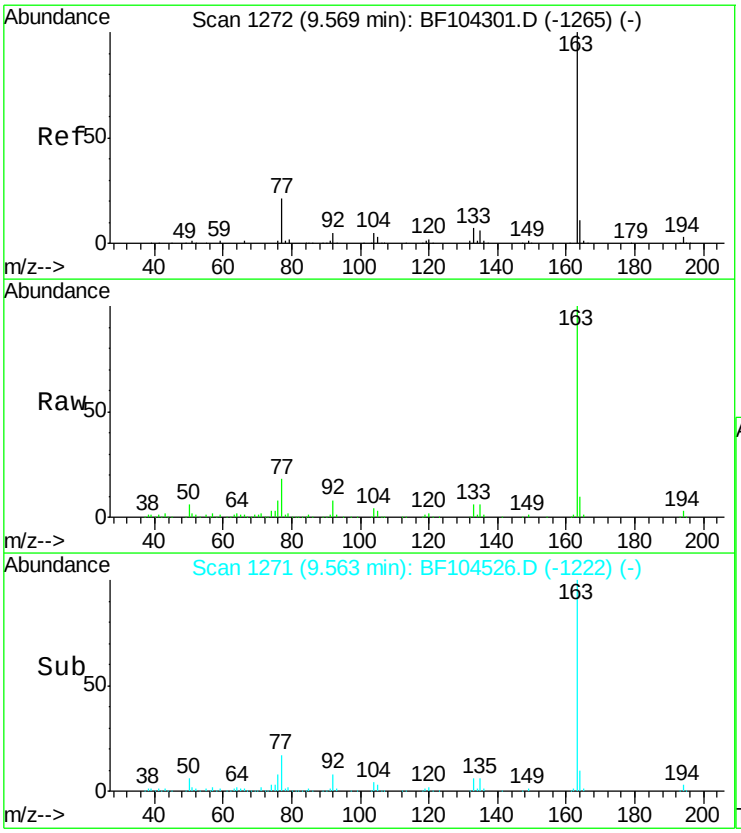
#44
2-Fluorobiphenyl
Concen: 60.925 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF104526.D
Acq: 16 Apr 2018 11:40

Instrument :
BNA_F
ClientSampleId :
RBR2520258

Tgt Ion:172 Resp: 1220916

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.4	19.6	29.4

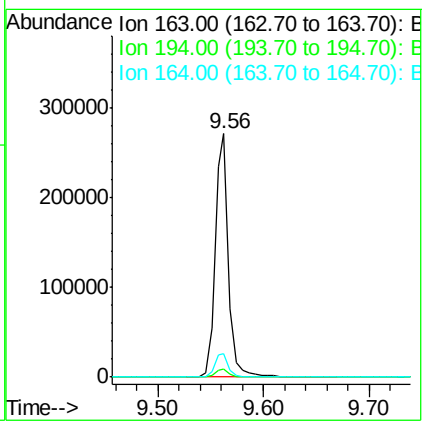


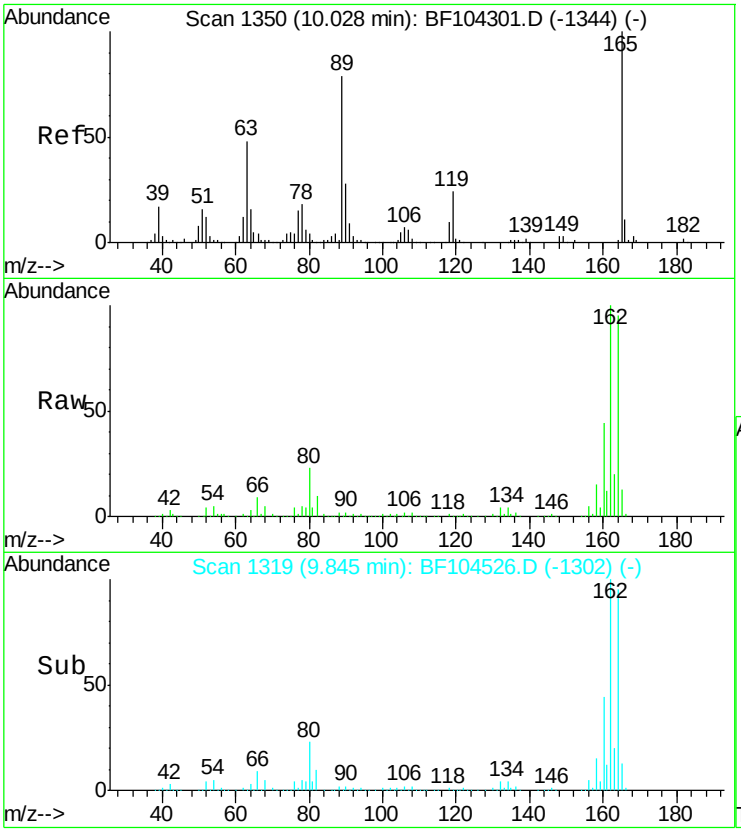


#49
Dimethylphthalate
Concen: 9.711 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF104526.D
Acq: 16 Apr 2018 11:40

Tgt Ion:163 Resp: 242430

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.6	8.2	12.2



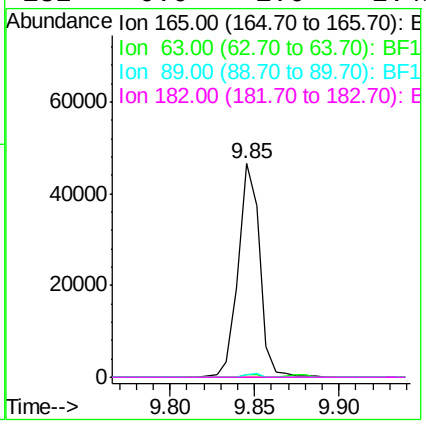


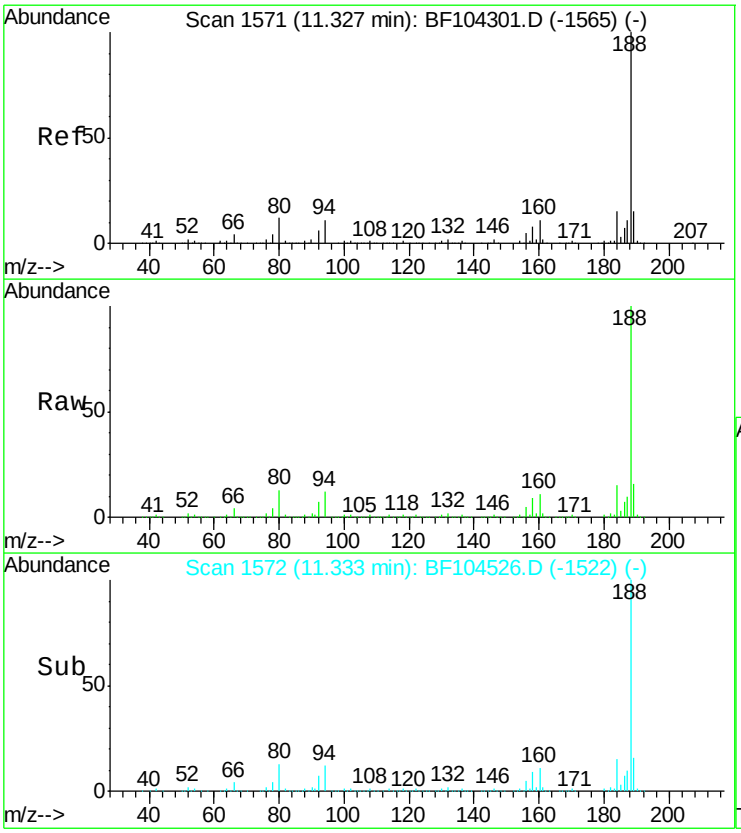
#56
2,4-Dinitrotoluene
Concen: 6.841 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.20 min
Lab File: BF104526.D
Acq: 16 Apr 2018 11:40

Instrument :
BNA_F
ClientSampleId :
RBR2520258

Tgt Ion:165 Resp: 41453

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

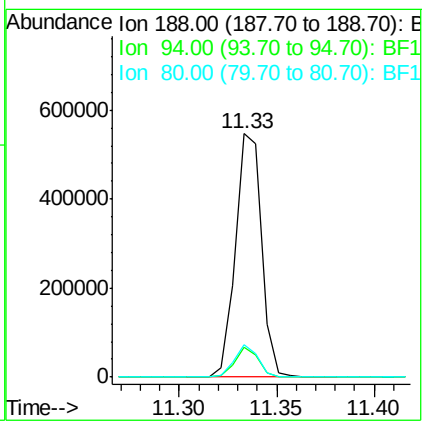


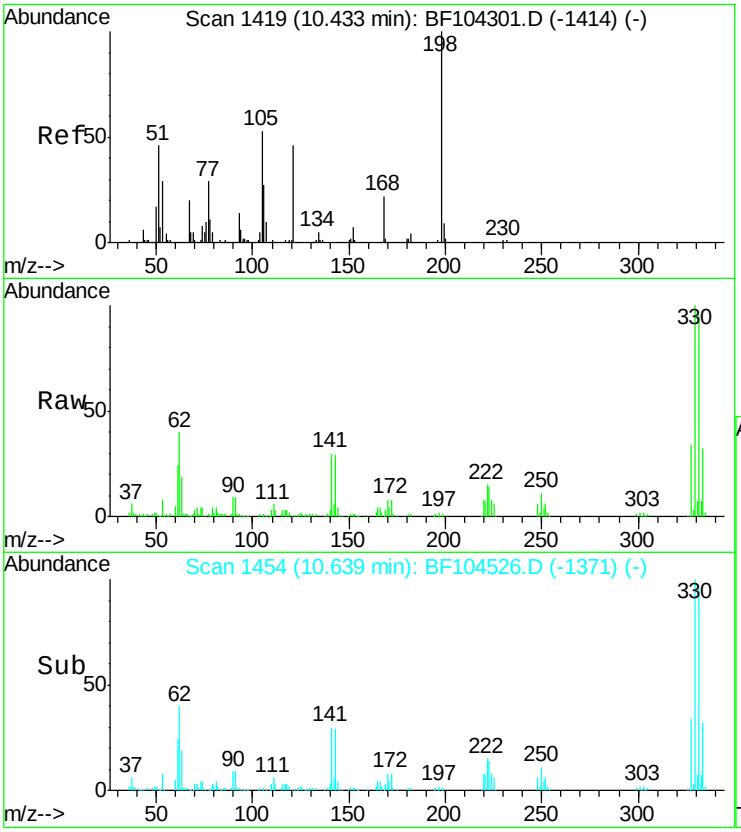


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF104526.D
Acq: 16 Apr 2018 11:40

Tgt Ion:188 Resp: 506445

Ion	Ratio	Lower	Upper
188	100		
94	12.1	8.5	12.7
80	13.3	9.2	13.8



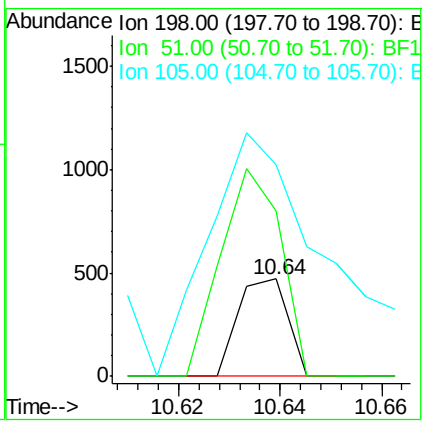


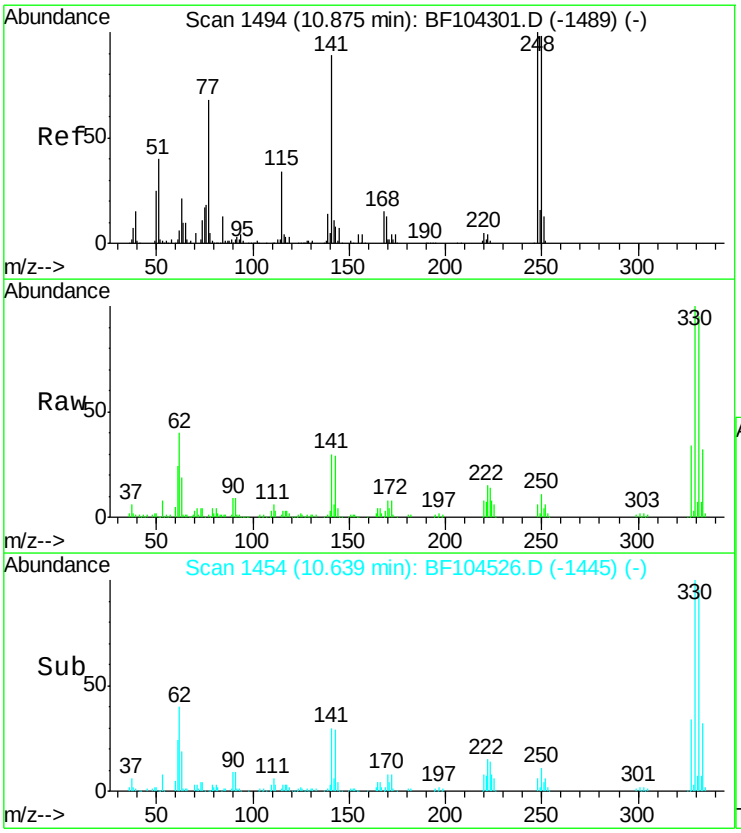
#64
4,6-Dinitro-2-methylphenol
Concen: 7.457 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.19 min
Lab File: BF104526.D
Acq: 16 Apr 2018 11:40

Instrument :
BNA_F
ClientSampleId :
RBR2520258

Tgt Ion:198 Resp: 320

Ion	Ratio	Lower	Upper
198	100		
51	170.6	37.7	77.7#
105	217.4	36.3	76.3#

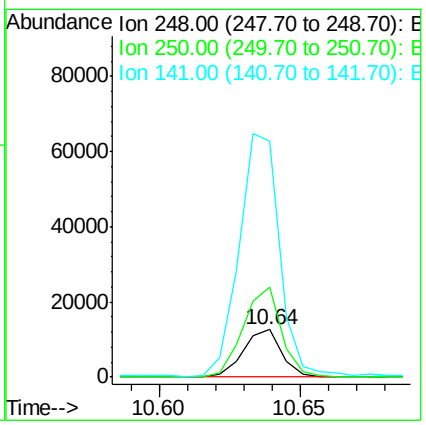


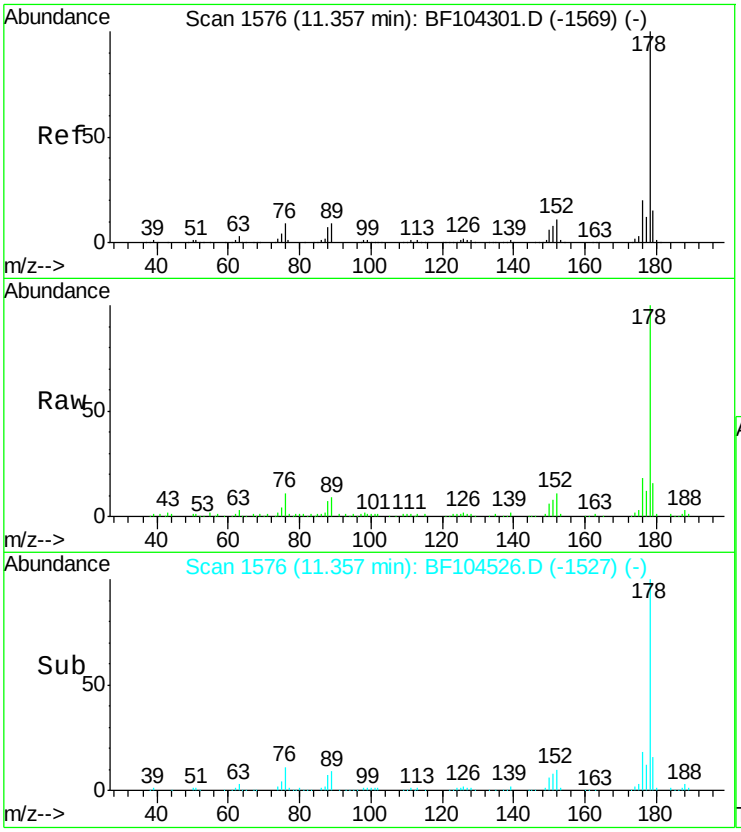


#66
4-Bromophenyl-phenylether
Concen: 2.170 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.25 min
Lab File: BF104526.D
Acq: 16 Apr 2018 11:40

Tgt Ion:248 Resp: 11690

Ion	Ratio	Lower	Upper
248	100		
250	191.6	76.9	115.3#
141	500.2	74.4	111.6#



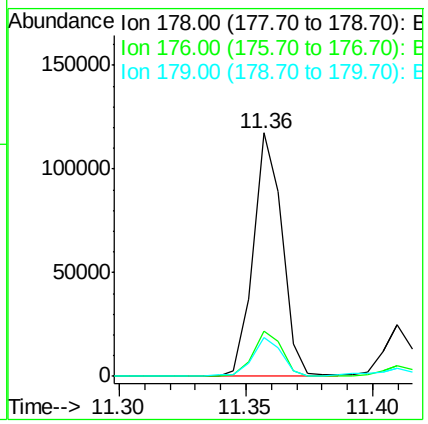


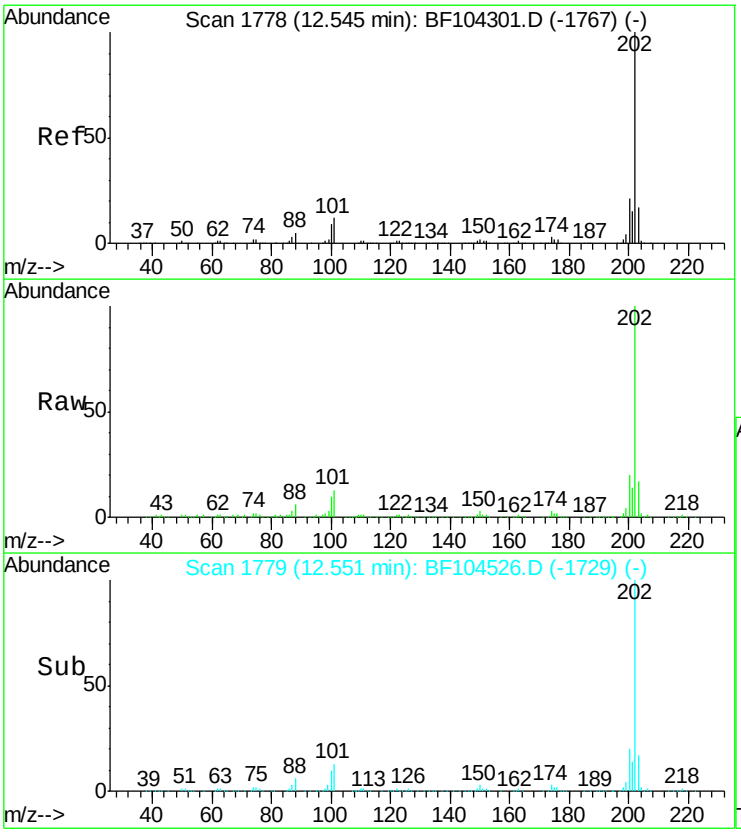
#70
Phenanthrene
Concen: 3.324 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF104526.D
Acq: 16 Apr 2018 11:40

Instrument :
BNA_F
ClientSampleId :
RBR2520258

Tgt Ion:178 Resp: 93738

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	15.7	13.0	19.6

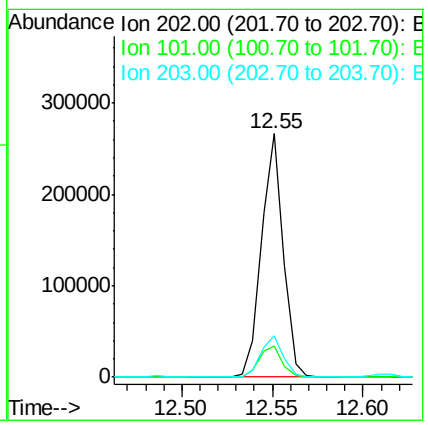


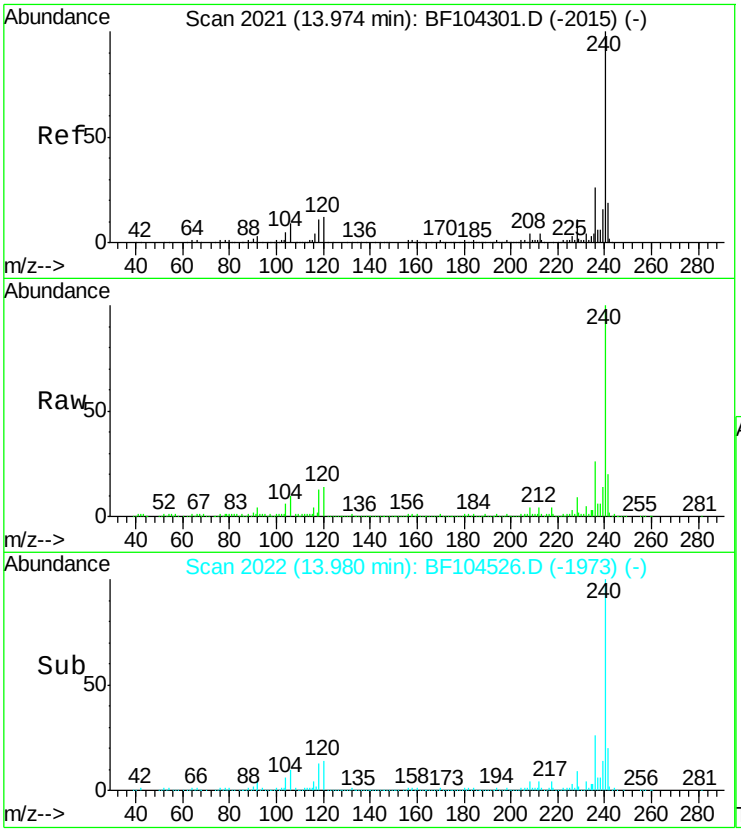


#74
Fluoranthene
Concen: 7.547 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.01 min
Lab File: BF104526.D
Acq: 16 Apr 2018 11:40

Tgt Ion:202 Resp: 222379

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	34.1
203	17.1	0.0	38.1



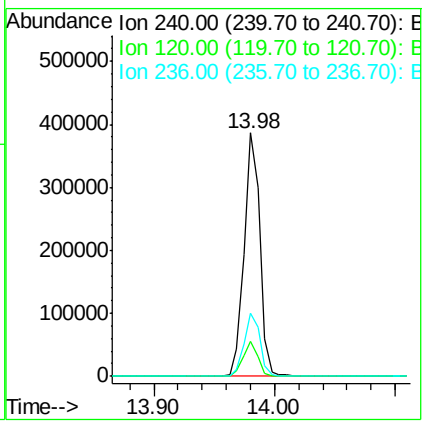


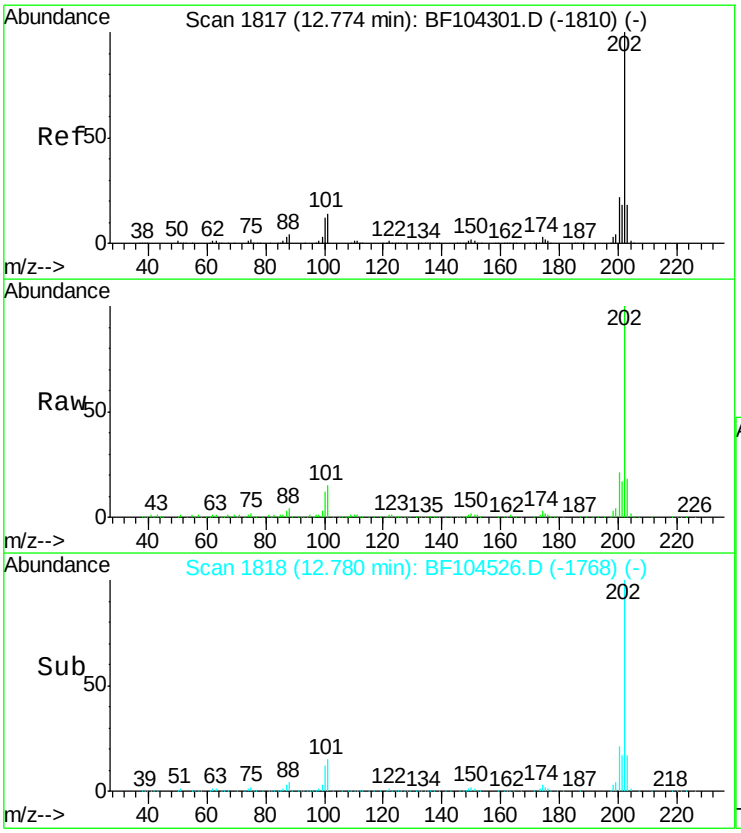
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104526.D
Acq: 16 Apr 2018 11:40

Instrument : BNA_F
ClientSampleId : RBR2520258

Tgt Ion:240 Resp: 355011

Ion	Ratio	Lower	Upper
240	100		
120	14.4	9.5	14.3#
236	26.2	20.7	31.1

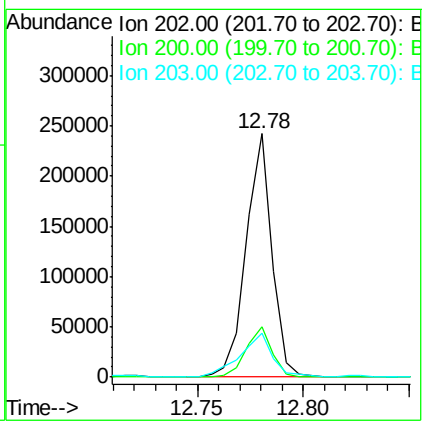


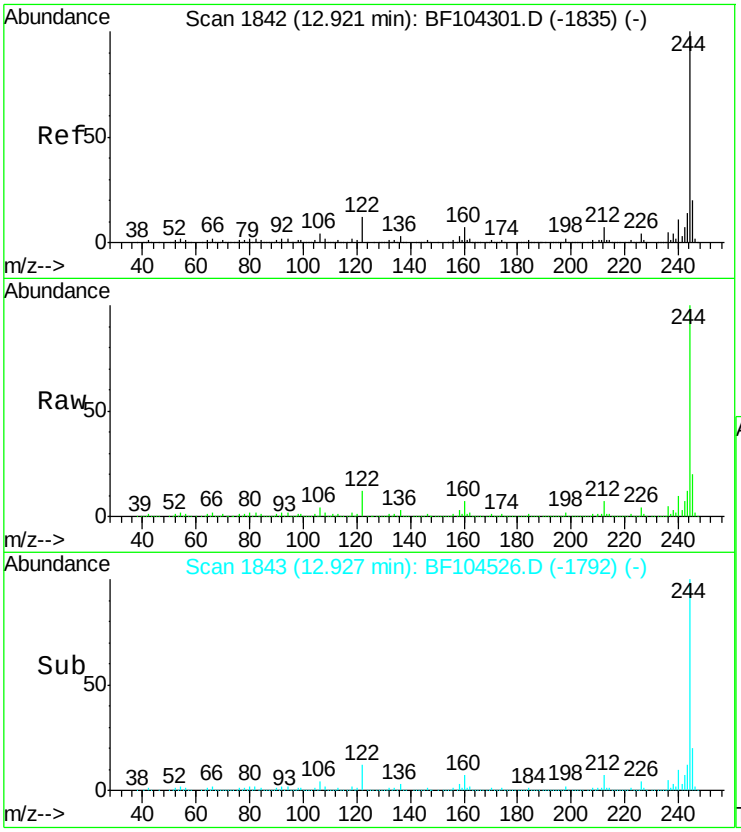


#77
Pyrene
Concen: 7.860 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF104526.D
Acq: 16 Apr 2018 11:40

Tgt Ion:202 Resp: 206825

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	17.9	14.3	21.5



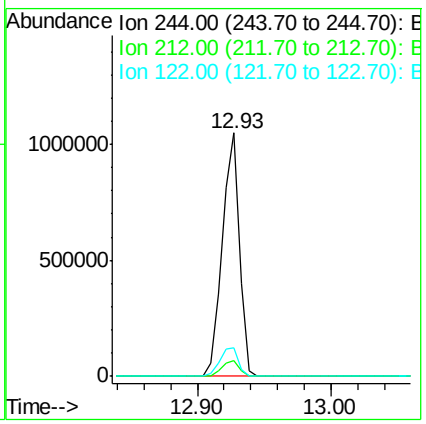


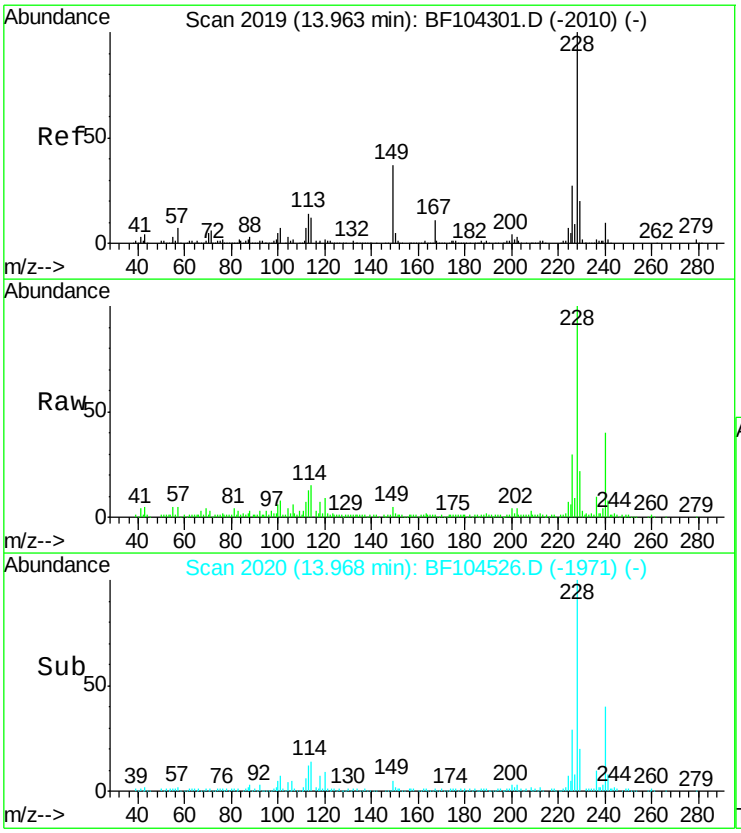
#78
Terphenyl-d14
Concen: 61.480 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.00 min
Lab File: BF104526.D
Acq: 16 Apr 2018 11:40

Instrument : BNA_F
ClientSampleId : RBR2520258

Tgt Ion:244 Resp: 957353

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	11.9	11.0	16.4

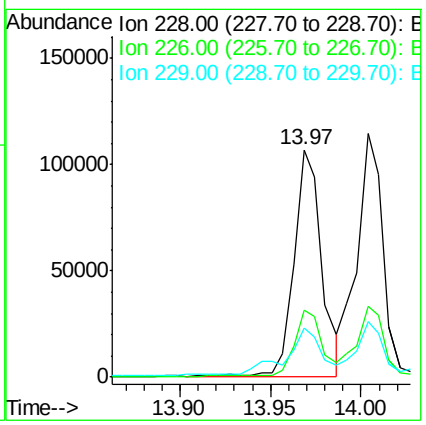


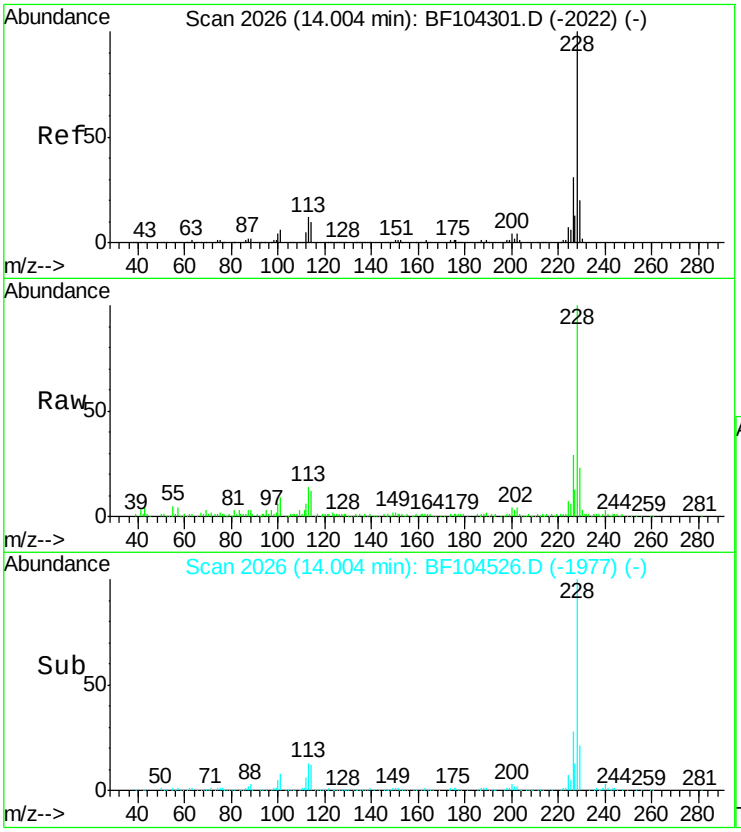


#80
Benzo(a)anthracene
Concen: 5.349 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF104526.D
Acq: 16 Apr 2018 11:40

Tgt Ion:228 Resp: 113442

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.6	33.8
229	21.8	15.8	23.6



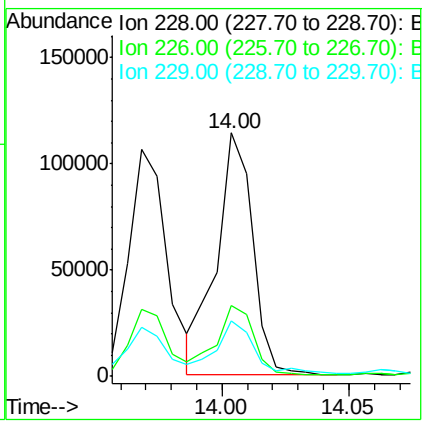


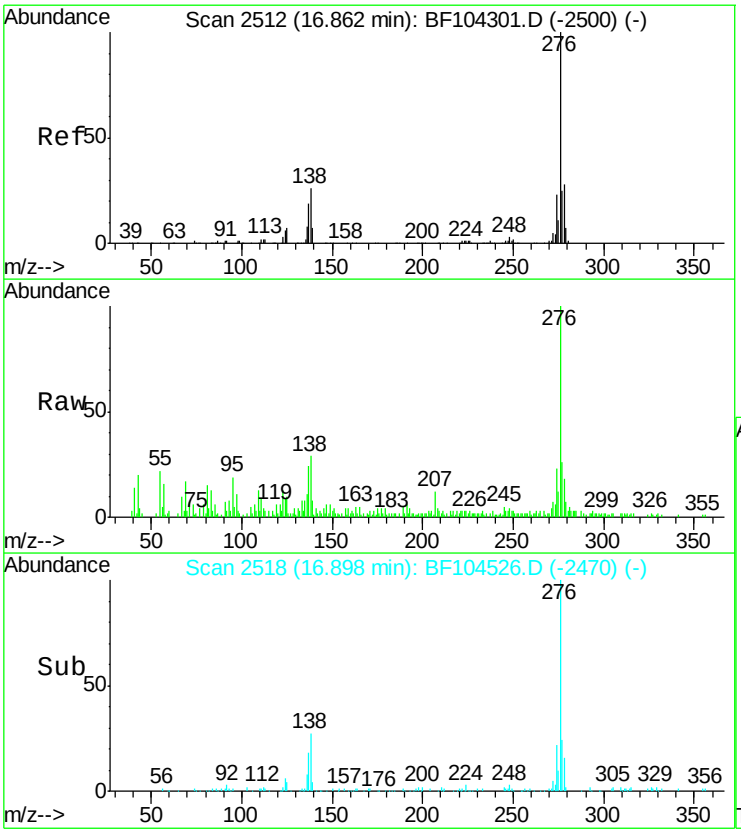
#82
Chrysene
Concen: 5.211 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF104526.D
Acq: 16 Apr 2018 11:40

Instrument :
BNA_F
ClientSampleId :
RBR2520258

Tgt Ion:228 Resp: 113525

Ion	Ratio	Lower	Upper
228	100		
226	28.9	25.0	37.6
229	22.9	16.2	24.4

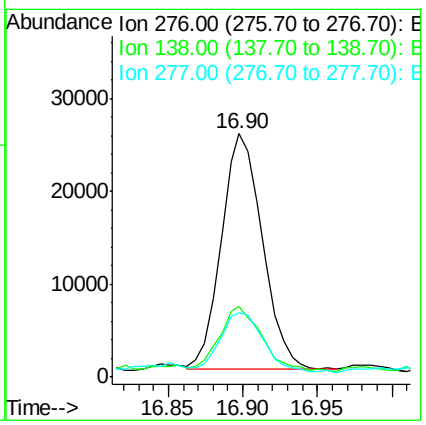


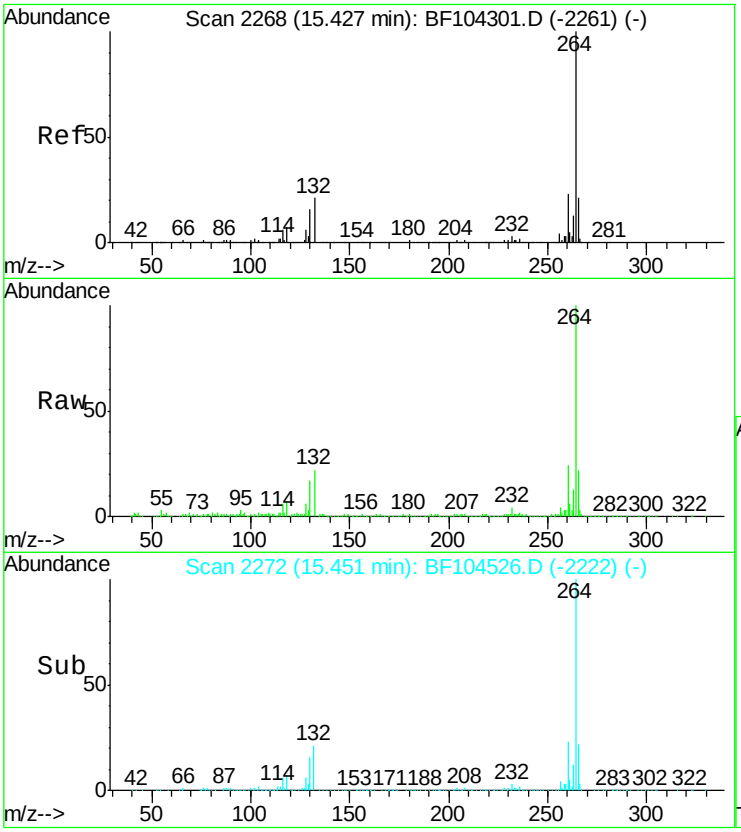


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.630 ng
RT: 16.90 min Scan# 2518
Delta R.T. -0.02 min
Lab File: BF104526.D
Acq: 16 Apr 2018 11:40

Tgt Ion:276 Resp: 48662

Ion	Ratio	Lower	Upper
276	100		
138	28.2	25.0	37.6
277	28.4	20.1	30.1



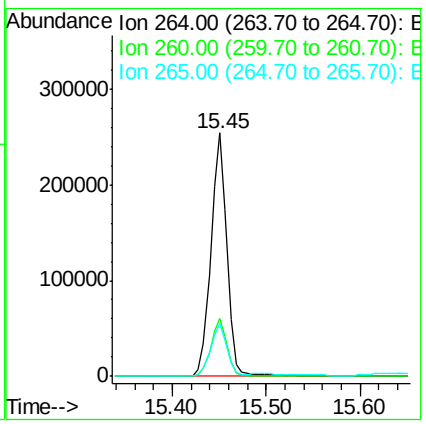


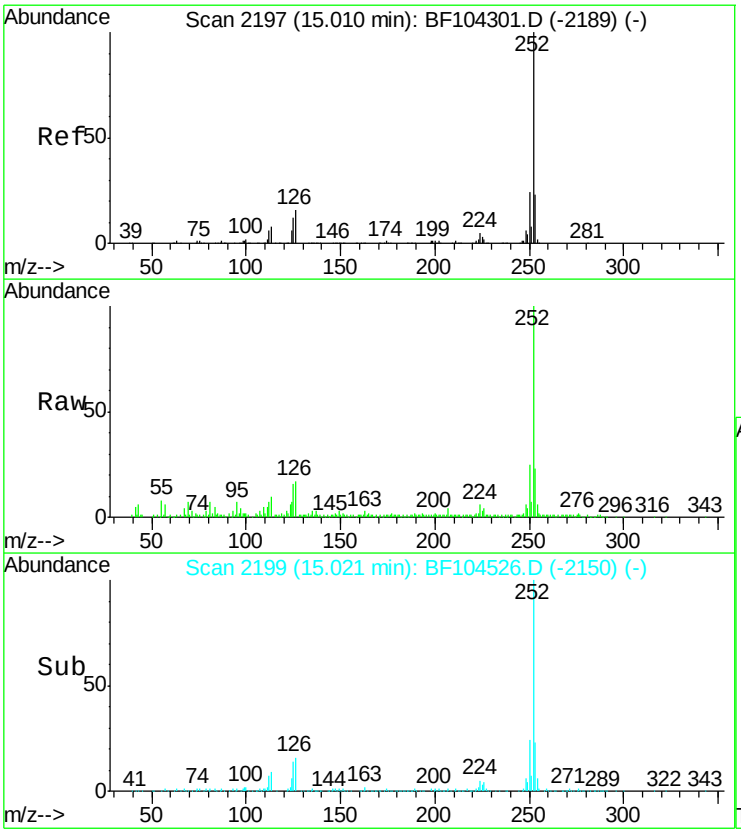
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF104526.D
Acq: 16 Apr 2018 11:40

Instrument :
BNA_F
ClientSampleId :
RBR2520258

Tgt Ion:264 Resp: 303855

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.9	17.5	26.3

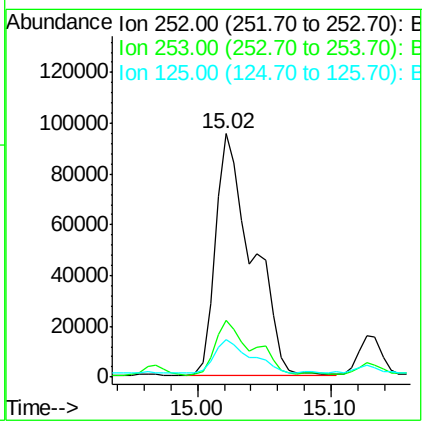


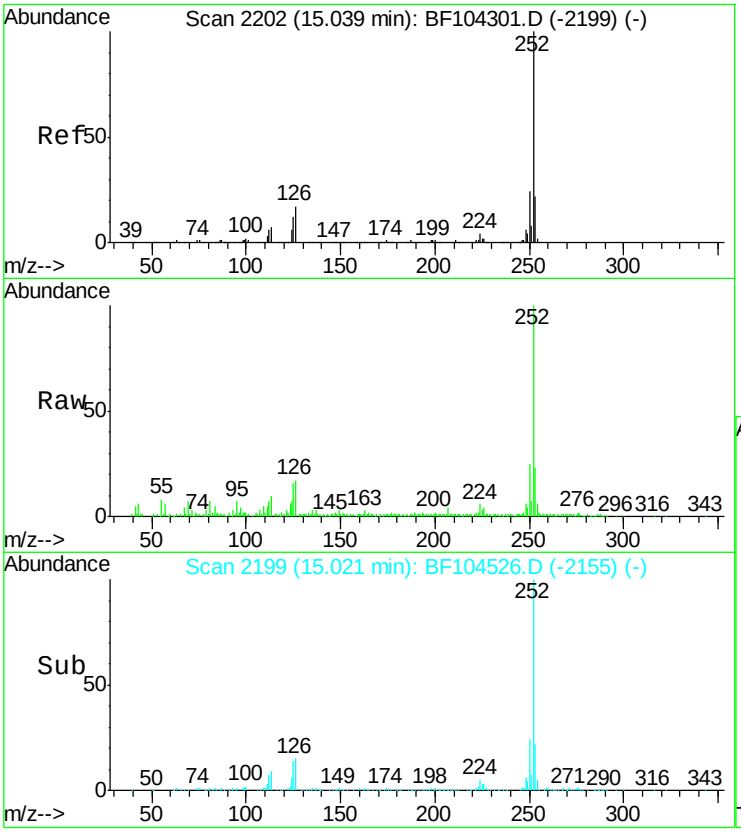


#87
Benzo(b)fluoranthene
Concen: 9.596 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF104526.D
Acq: 16 Apr 2018 11:40

Tgt Ion:252 Resp: 184159

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	15.6	9.0	13.6#



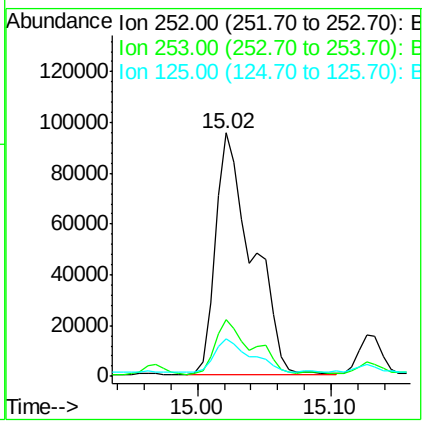


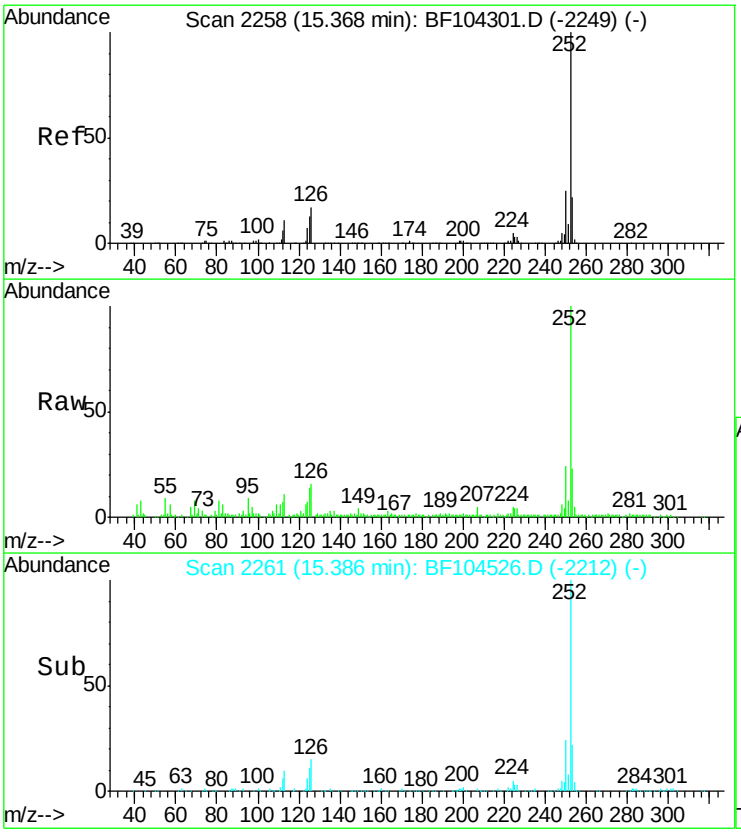
#88
Benzo(k)fluoranthene
Concen: 10.164 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.04 min
Lab File: BF104526.D
Acq: 16 Apr 2018 11:40

Instrument :
BNA_F
ClientSampleId :
RBR2520258

Tgt Ion:252 Resp: 184159

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	15.6	10.2	15.2#

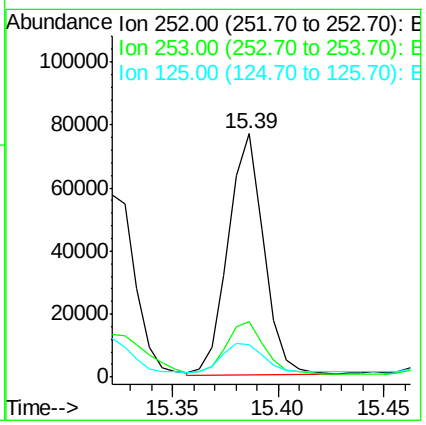


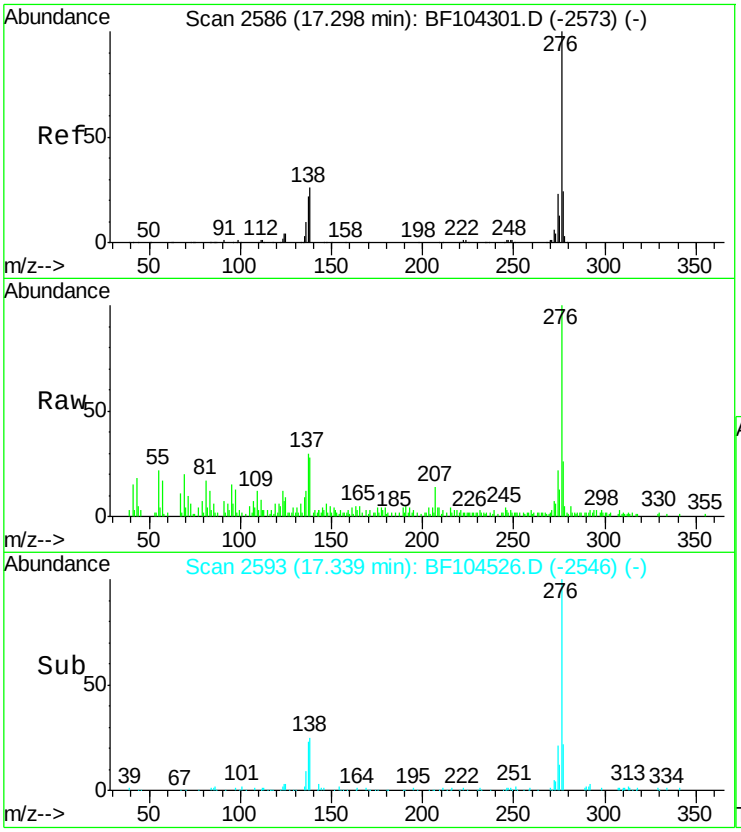


#89
Benzo(a)pyrene
Concen: 5.205 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF104526.D
Acq: 16 Apr 2018 11:40

Tgt Ion:252 Resp: 89383

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	13.5	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 3.660 ng
RT: 17.34 min Scan# 2593
Delta R.T. -0.02 min
Lab File: BF104526.D
Acq: 16 Apr 2018 11:40

Instrument :
BNA_F
ClientSampleId :
RBR2520258

Tgt Ion:276 Resp: 50007

Ion	Ratio	Lower	Upper
276	100		
277	26.0	17.9	26.9
138	28.4	21.8	32.8