Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
Data File : BF104873.D
Acq On : 27 Apr 2018 10:05
Operator : JU/SJ
Sample : J2515-01 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 27 11:12:25 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	102040	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	406332	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	164158	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	243281	20.00	ng		0.00
75) Chrysene-d12	13.97	240	212769	20.00	ng		-0.01
86) Perylene-d12	15.44	264	153145	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	79049	11.85	ng		0.00
7) Phenol-d6	6.43	99	101580	12.39	ng		-0.01
23) Nitrobenzene-d5	7.36	82	57368	9.22	ng		-0.01
41) 2,4,6-Tribromophenol	10.63	330	17410	10.22	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	94876	9.13	ng		0.00
78) Terphenyl-d14	12.91	244	68321	7.32	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.57	77	1609	Below Cal			94
25) Isophorone	7.36	82	57368	4.360	ng	#	64
48) Acenaphthylene	9.70	152	35447	2.074	ng		98
50) 2,6-Dinitrotoluene	9.84	165	20585	8.594	ng	#	24
56) 2,4-Dinitrotoluene	9.84	165	20585	6.552	ng	#	21
70) Phenanthrene	11.35	178	174231	12.860	ng		97
71) Anthracene	11.40	178	48890	3.550	ng		99
74) Fluoranthene	12.54	202	272950	19.283	ng		98
76) Benzidine	12.91	184	782	Below Cal		#	66
77) Pyrene	12.77	202	227297	14.412	ng		98
80) Benzo(a)anthracene	13.96	228	136175	10.713	ng		99
82) Chrysene	14.00	228	121483	9.305	ng		96
85) Indeno(1,2,3-cd)pyrene	16.89	276	47717	4.302	ng	#	91
87) Benzo(b)fluoranthene	15.02	252	170741	17.652	ng		97
88) Benzo(k)fluoranthene	15.02	252	170741	18.698	ng		98
89) Benzo(a)pyrene	15.37	252	82262	9.505	ng		96
90) Dibenzo(a,h)anthracene	16.90	278	14979	2.107	ng	#	89
91) Benzo(g,h,i)perylene	17.34	276	45941	6.671	ng		94

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 25 14:01:50 2018
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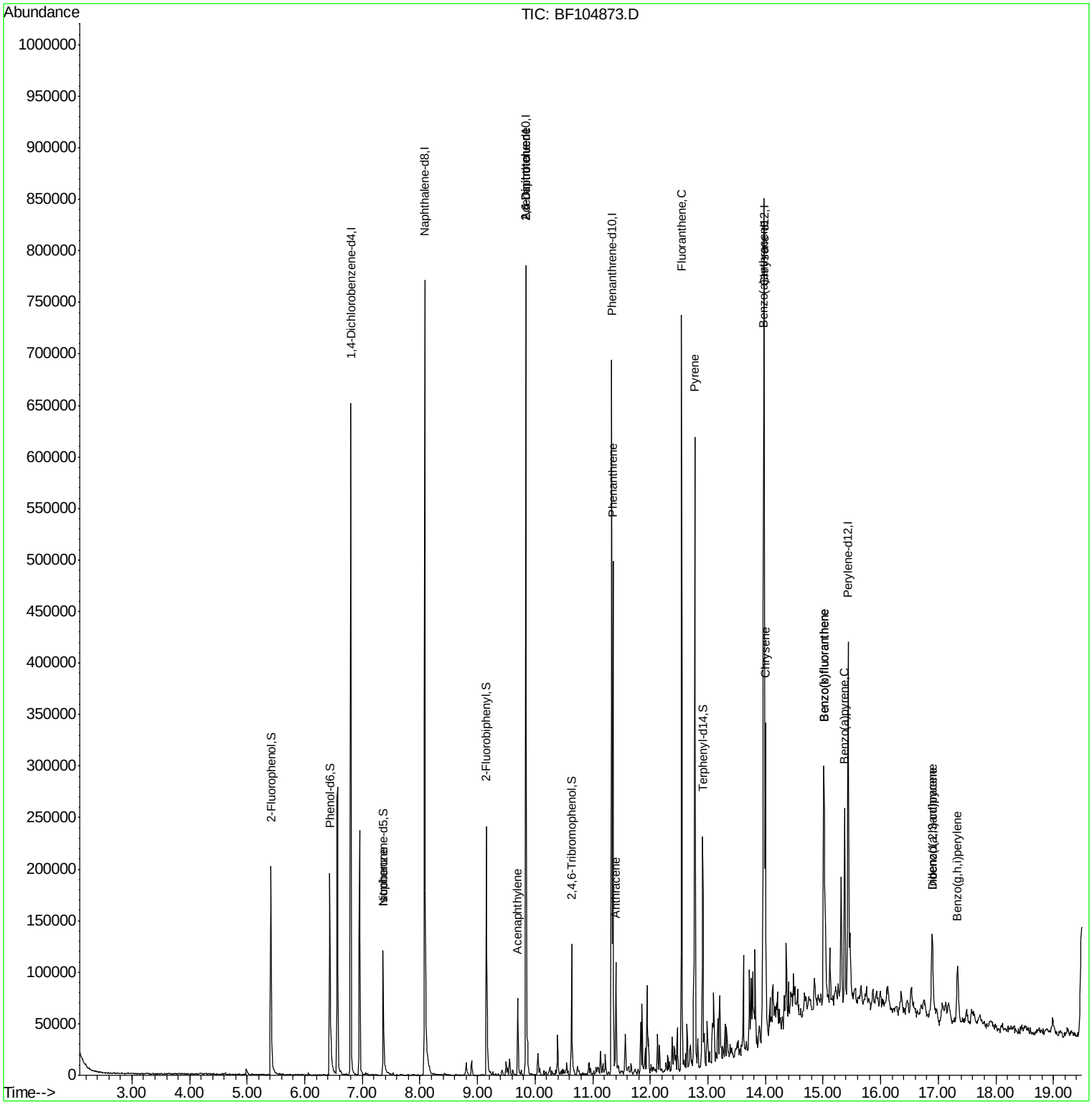
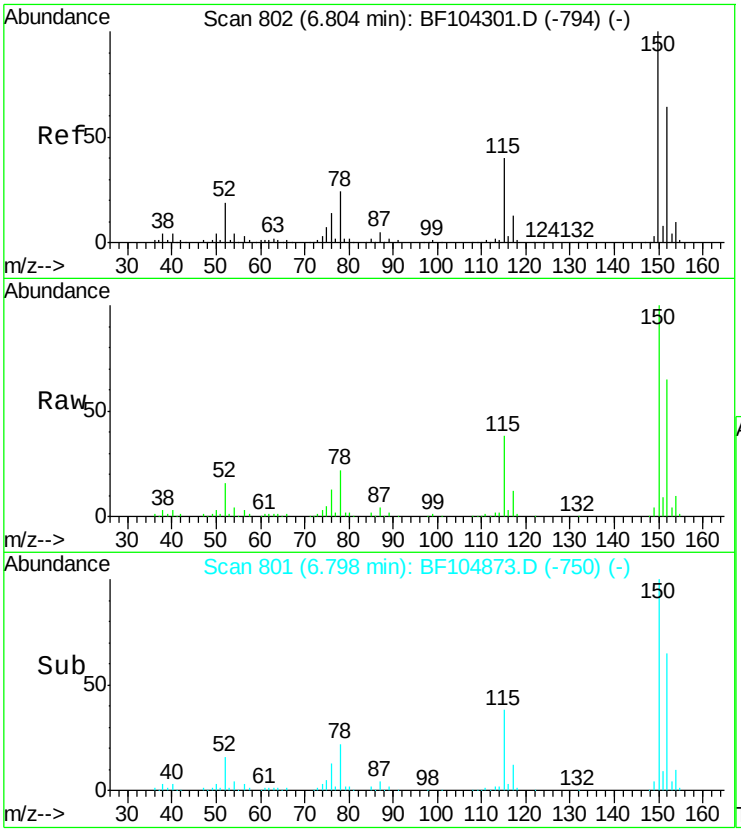


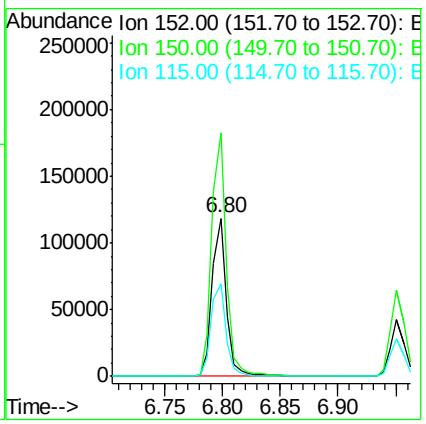


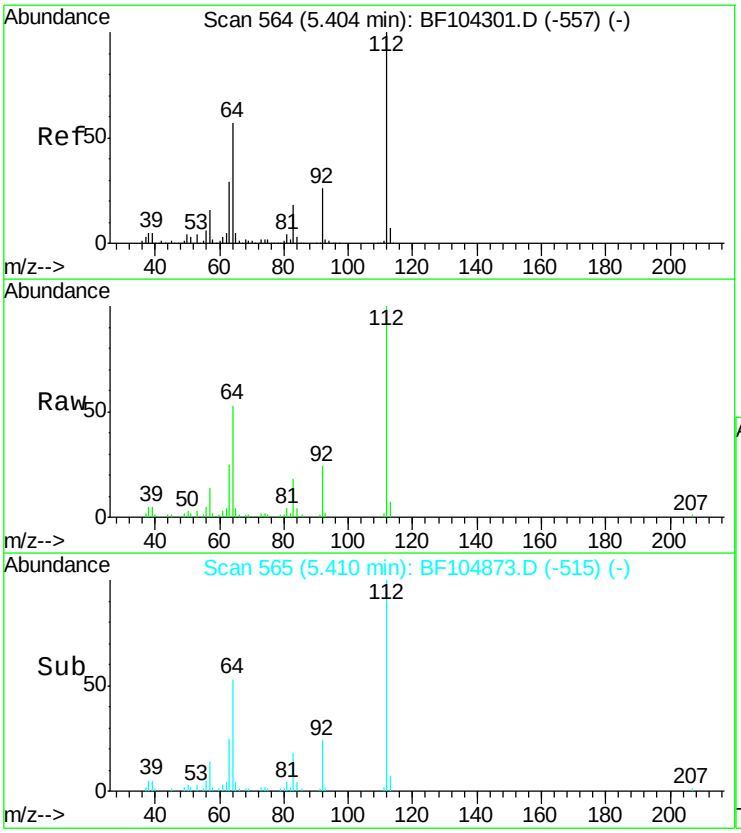
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104873.D
Acq: 27 Apr 2018 10:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 102040

Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.6	186.8
115	58.8	50.1	75.1

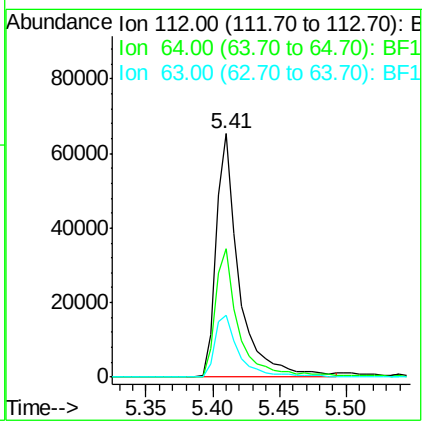


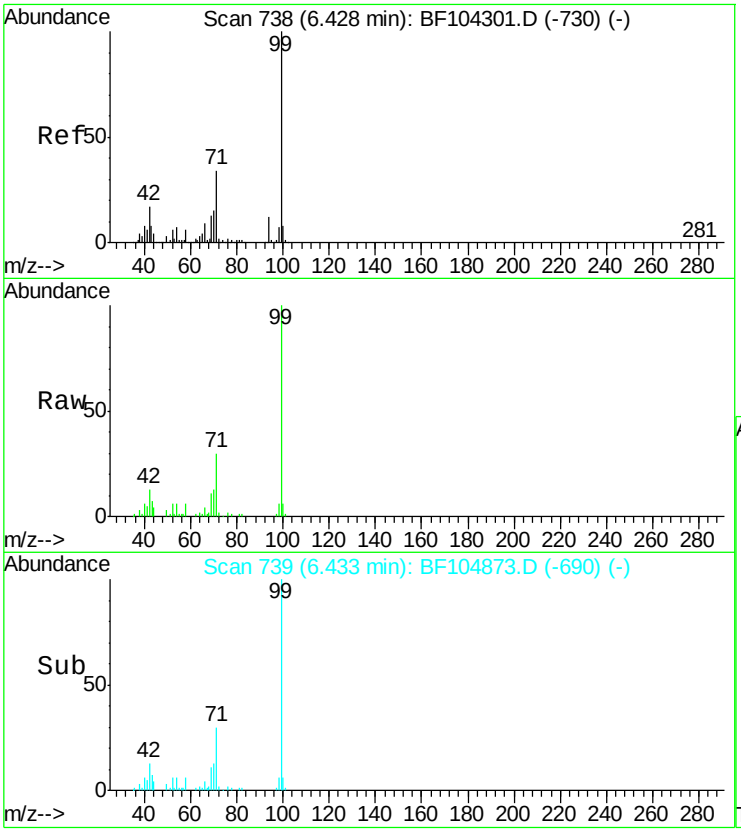


#5
2-Fluorophenol
Concen: 11.845 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF104873.D
Acq: 27 Apr 2018 10:05

Tgt Ion:112 Resp: 79049

Ion	Ratio	Lower	Upper
112	100		
64	52.6	47.9	71.9
63	25.3	23.7	35.5



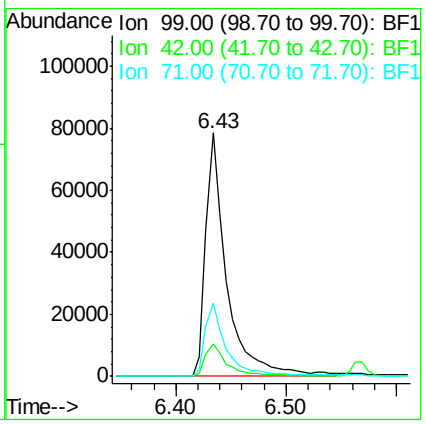


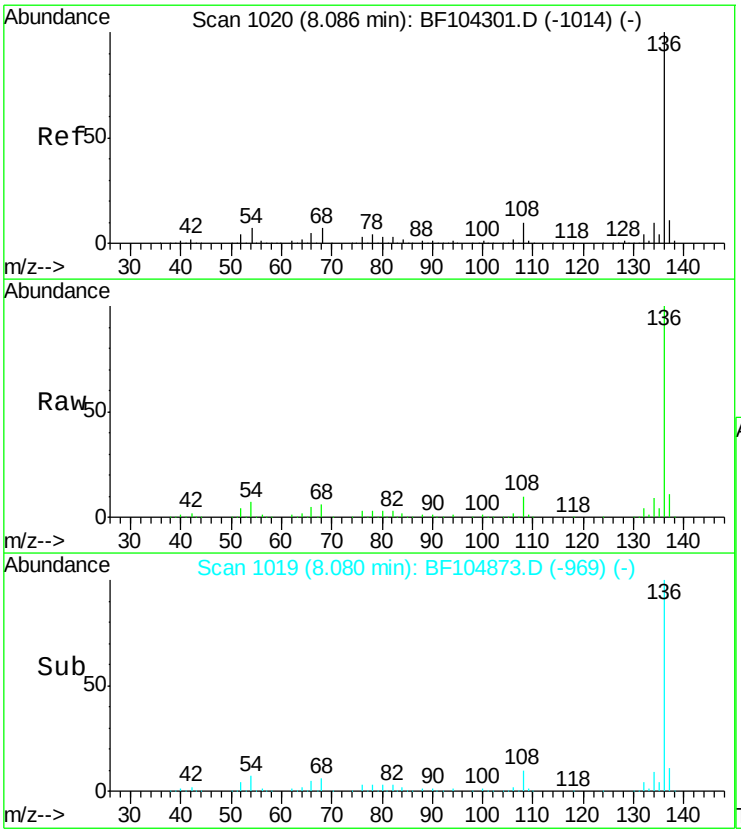
#7
Phenol-d6
Concen: 12.389 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF104873.D
Acq: 27 Apr 2018 10:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 101580

Ion	Ratio	Lower	Upper
99	100		
42	13.3	14.5	21.7#
71	30.0	25.4	38.0

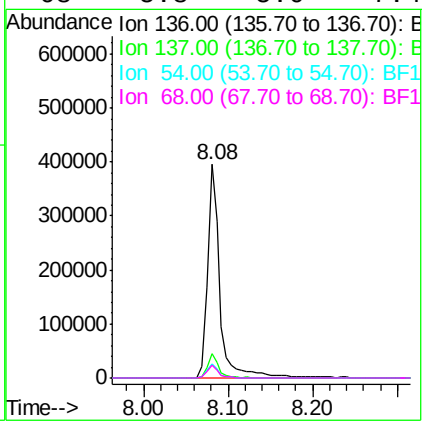


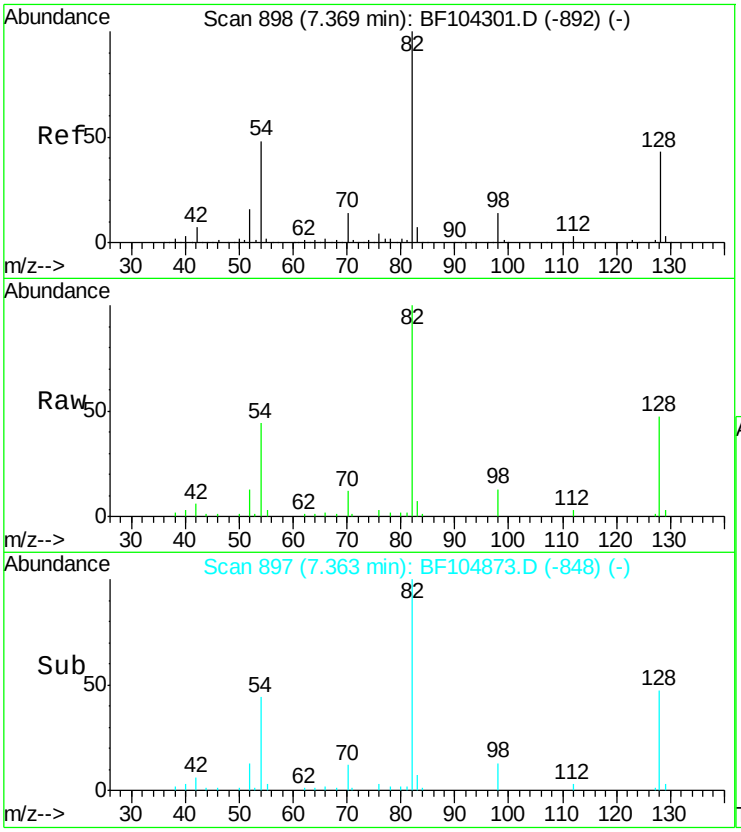


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF104873.D
Acq: 27 Apr 2018 10:05

Tgt Ion:136 Resp: 406332

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	6.6	6.6	9.8
68	5.8	5.0	7.4



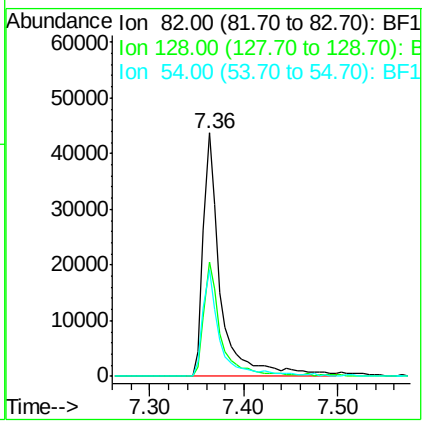


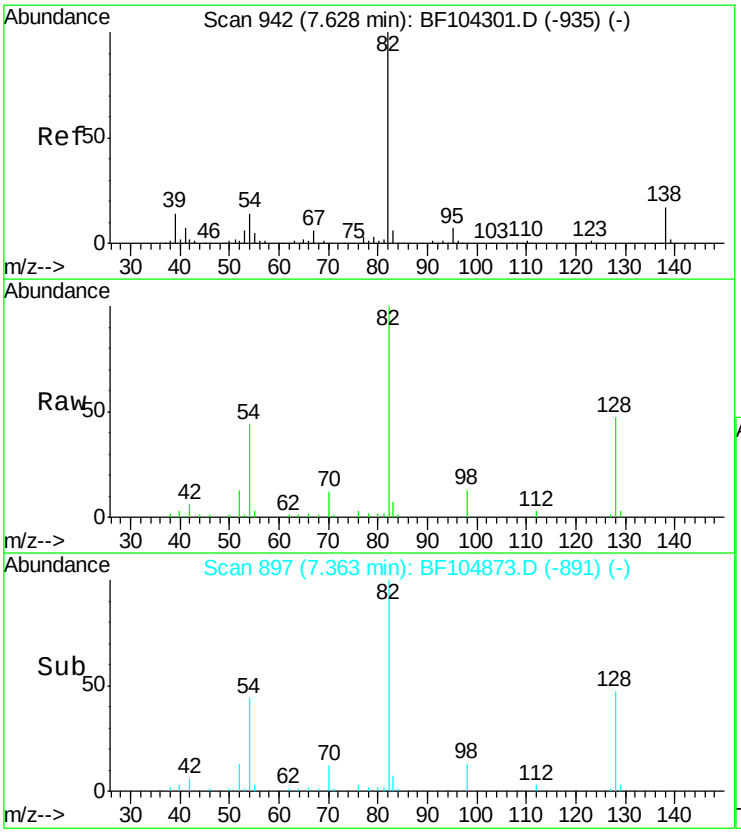
#23
Nitrobenzene-d5
Concen: 9.219 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF104873.D
Acq: 27 Apr 2018 10:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 57368

Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.1	54.1
54	44.0	41.4	62.2

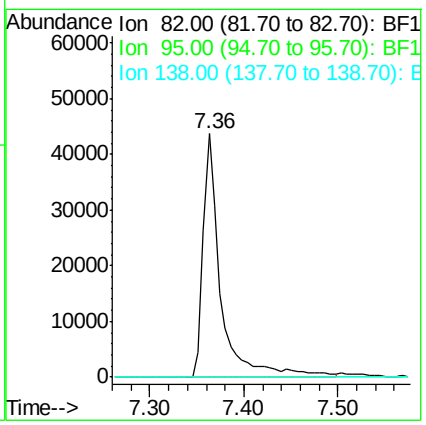


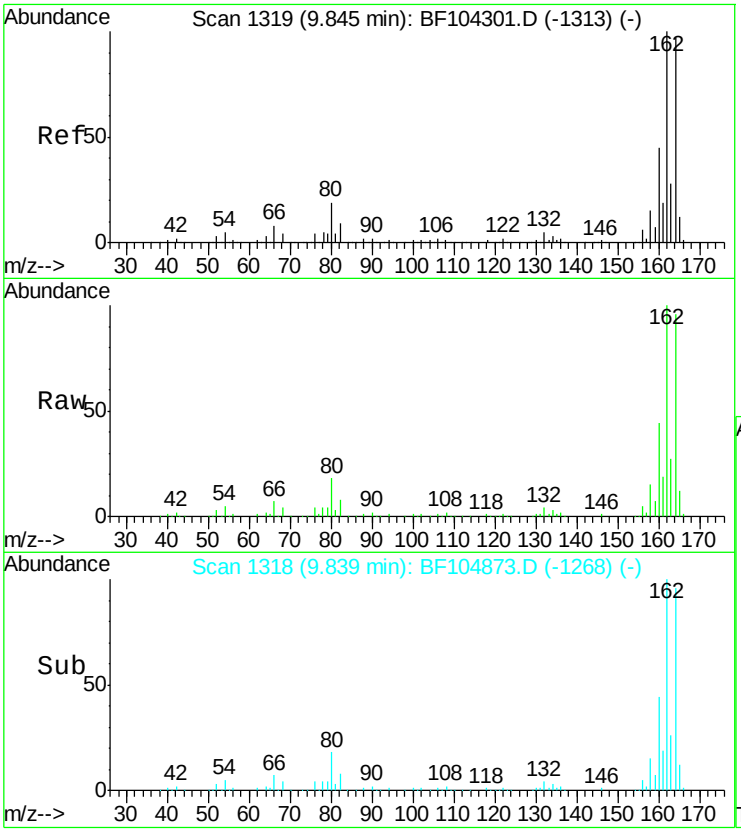


#25
Isophorone
Concen: 4.360 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.27 min
Lab File: BF104873.D
Acq: 27 Apr 2018 10:05

Tgt Ion: 82 Resp: 57368

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



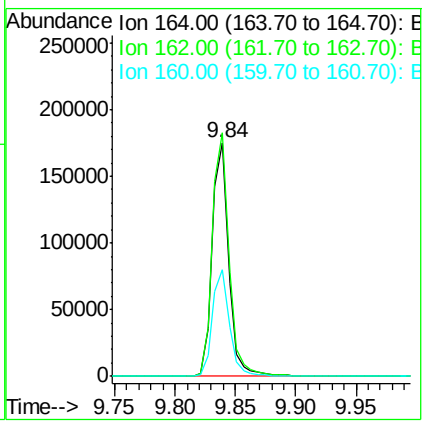


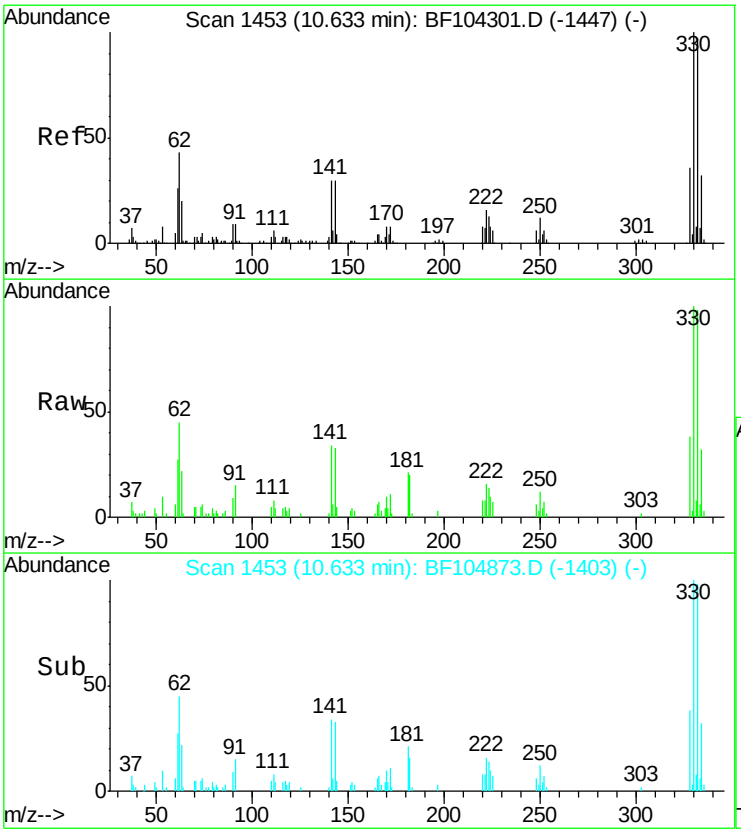
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104873.D
Acq: 27 Apr 2018 10:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 164158

Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	45.9	38.3	57.5

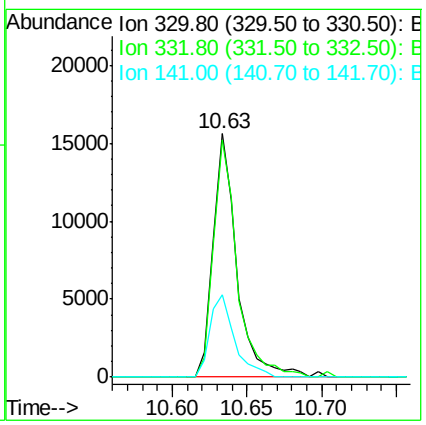


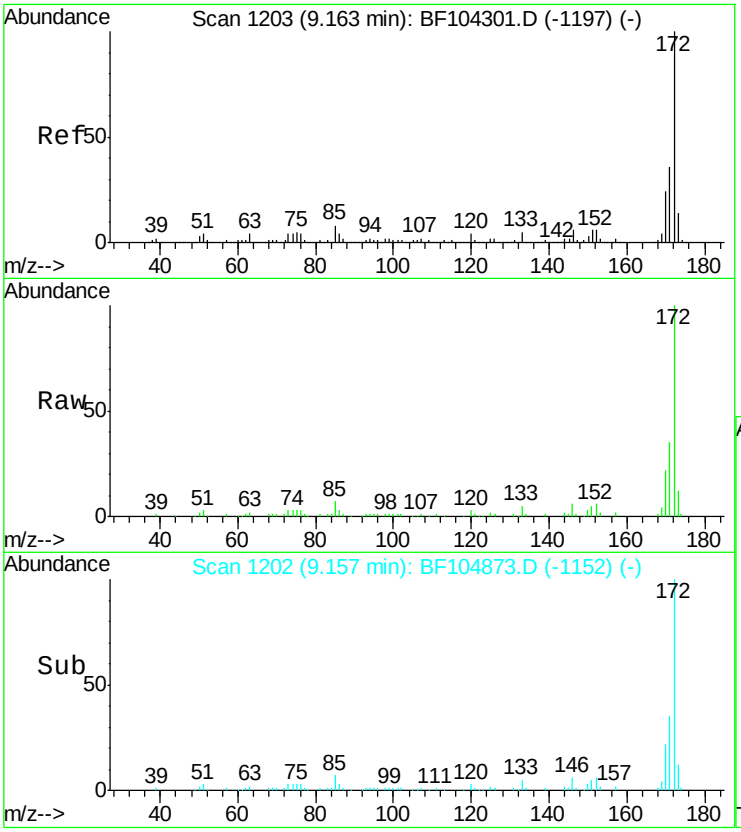


#41
2,4,6-Tribromophenol
Concen: 10.224 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF104873.D
Acq: 27 Apr 2018 10:05

Tgt Ion:330 Resp: 17410

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	34.7	29.9	44.9



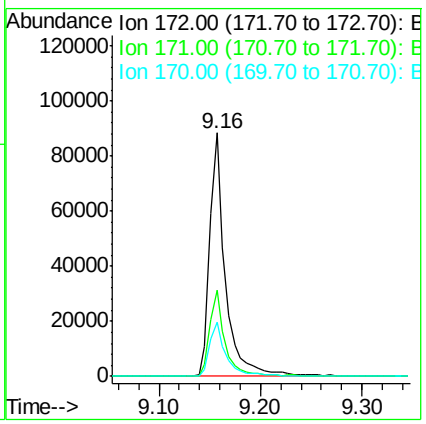


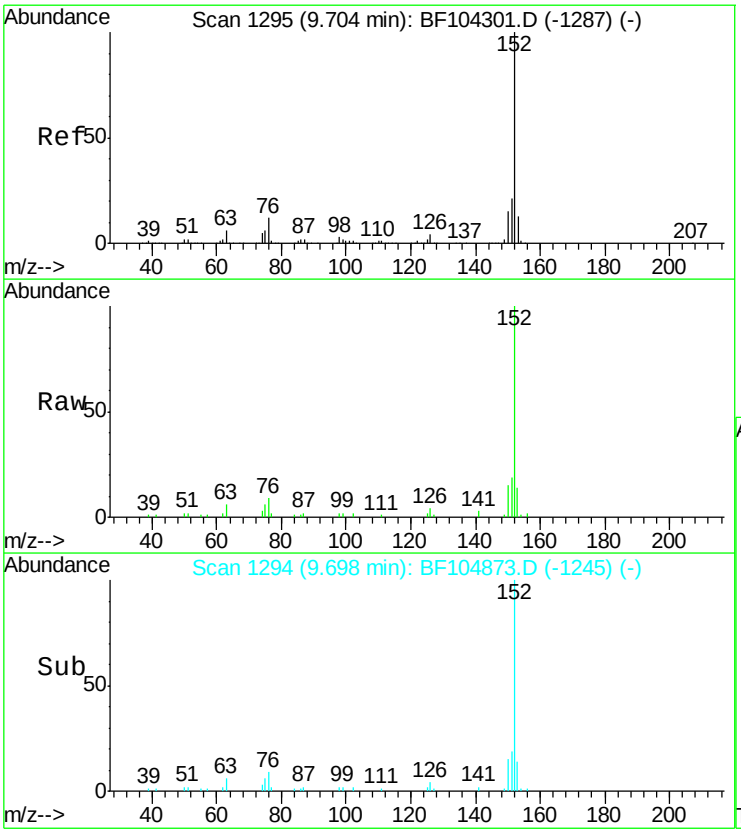
#44
2-Fluorobiphenyl
Concen: 9.130 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF104873.D
Acq: 27 Apr 2018 10:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 94876

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	22.2	19.6	29.4

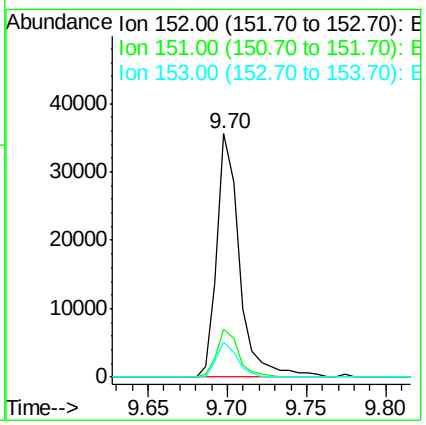


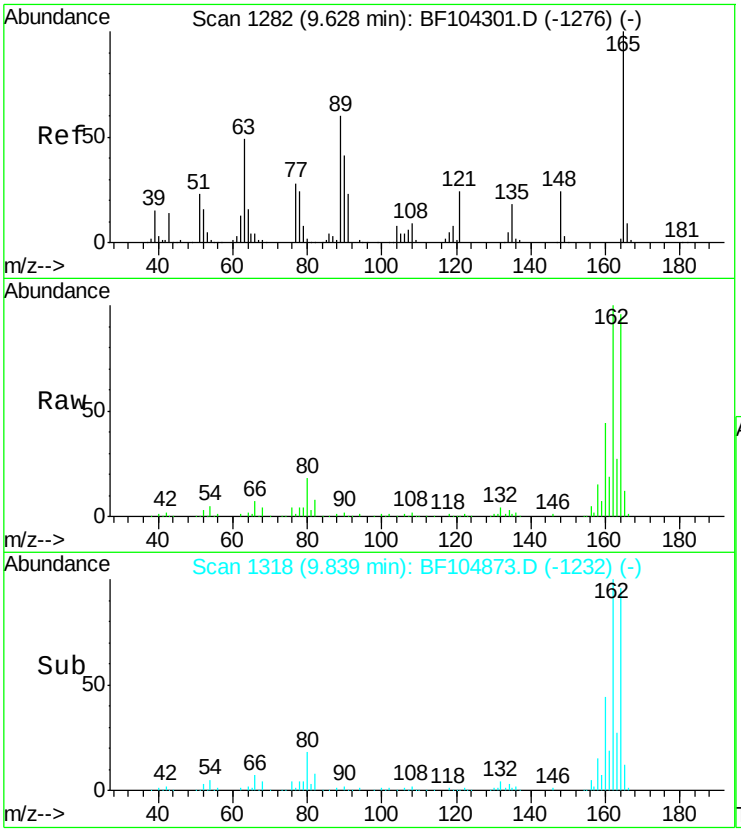


#48
Acenaphthylene
Concen: 2.074 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF104873.D
Acq: 27 Apr 2018 10:05

Tgt Ion:152 Resp: 35447

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.3	24.5
153	14.2	10.7	16.1



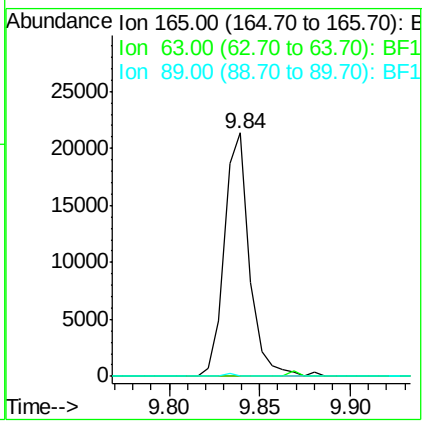


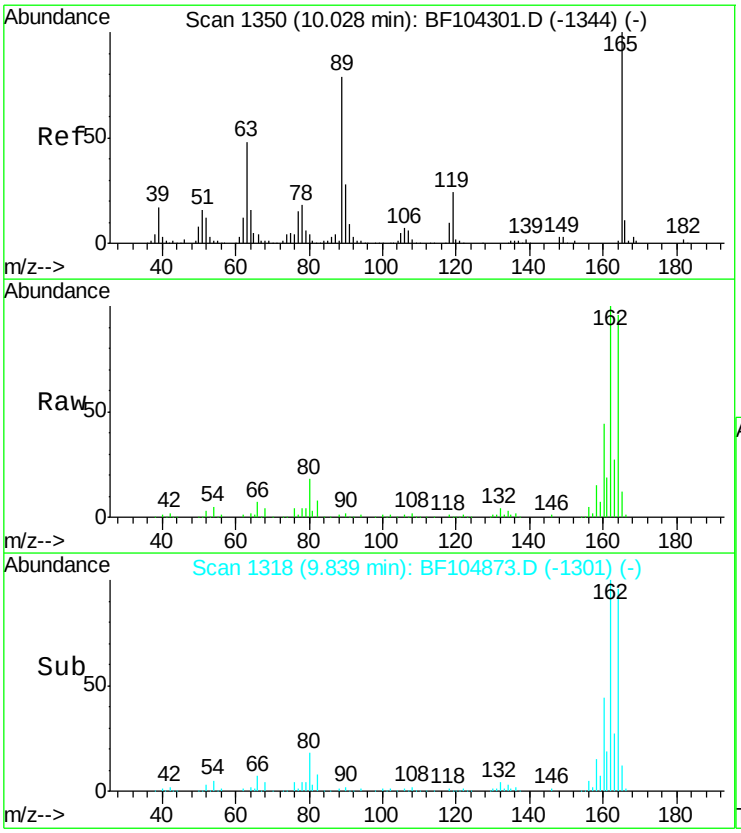
#50
2,6-Dinitrotoluene
Concen: 8.594 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.21 min
Lab File: BF104873.D
Acq: 27 Apr 2018 10:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 20585

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

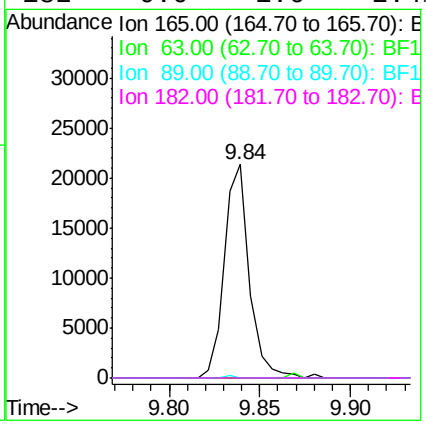


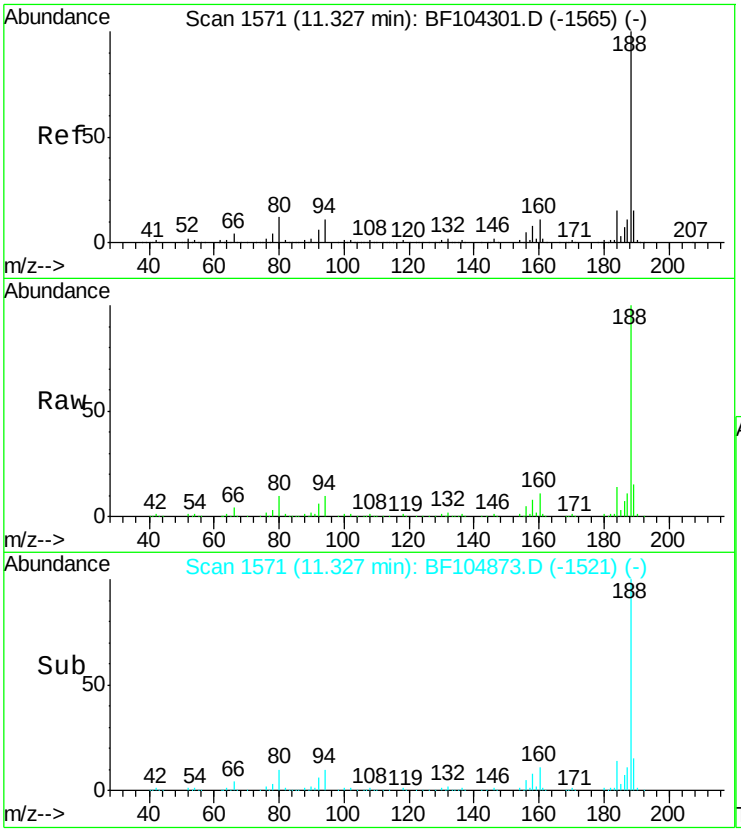


#56
2,4-Dinitrotoluene
Concen: 6.552 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.20 min
Lab File: BF104873.D
Acq: 27 Apr 2018 10:05

Tgt Ion:165 Resp: 20585

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



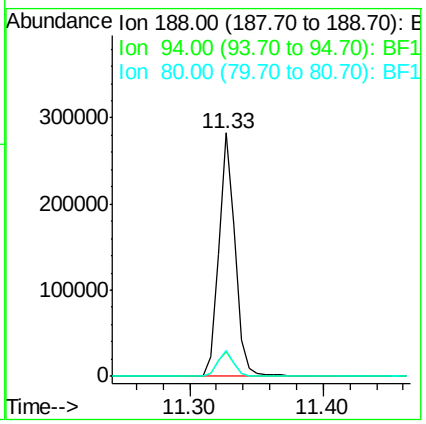


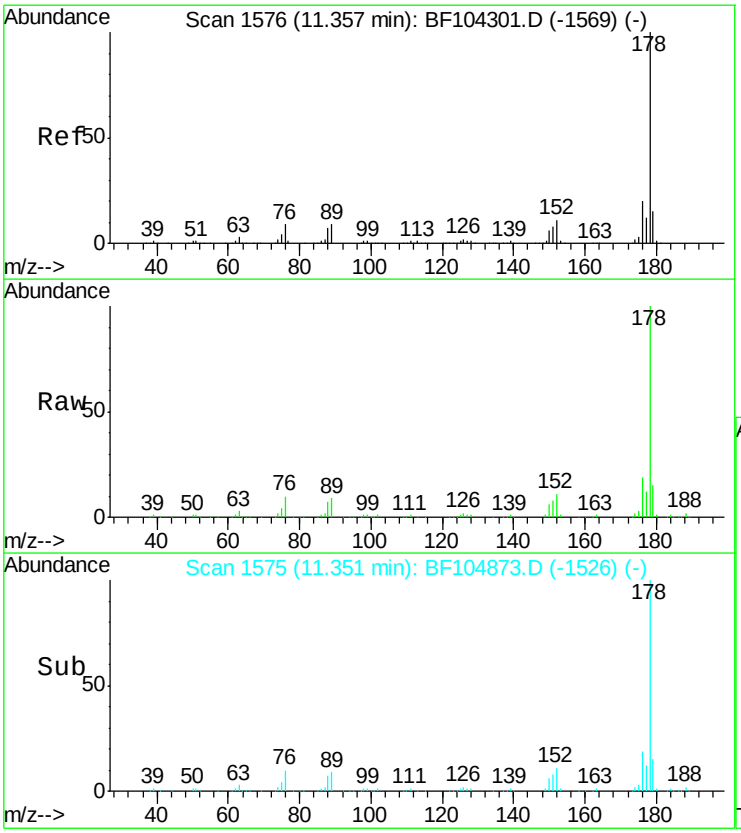
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104873.D
Acq: 27 Apr 2018 10:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 243281

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	10.5	9.2	13.8

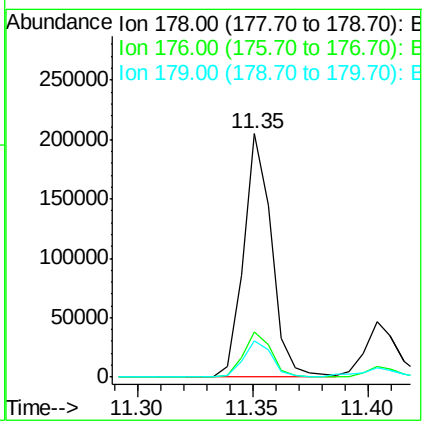


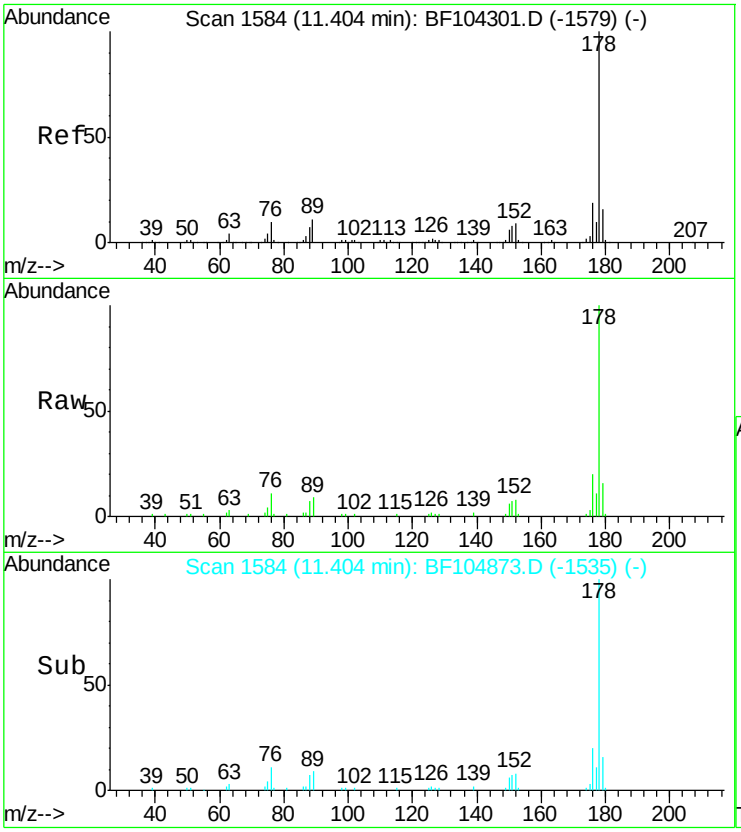


#70
Phenanthrene
Concen: 12.860 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF104873.D
Acq: 27 Apr 2018 10:05

Tgt Ion:178 Resp: 174231

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	14.9	13.0	19.6



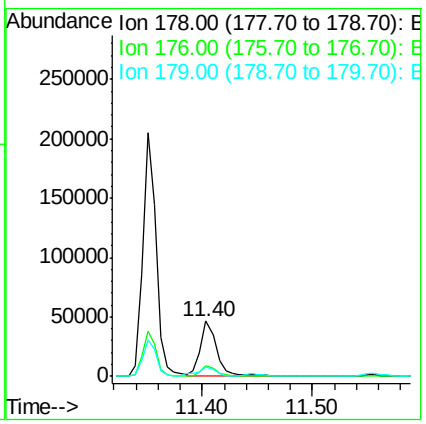


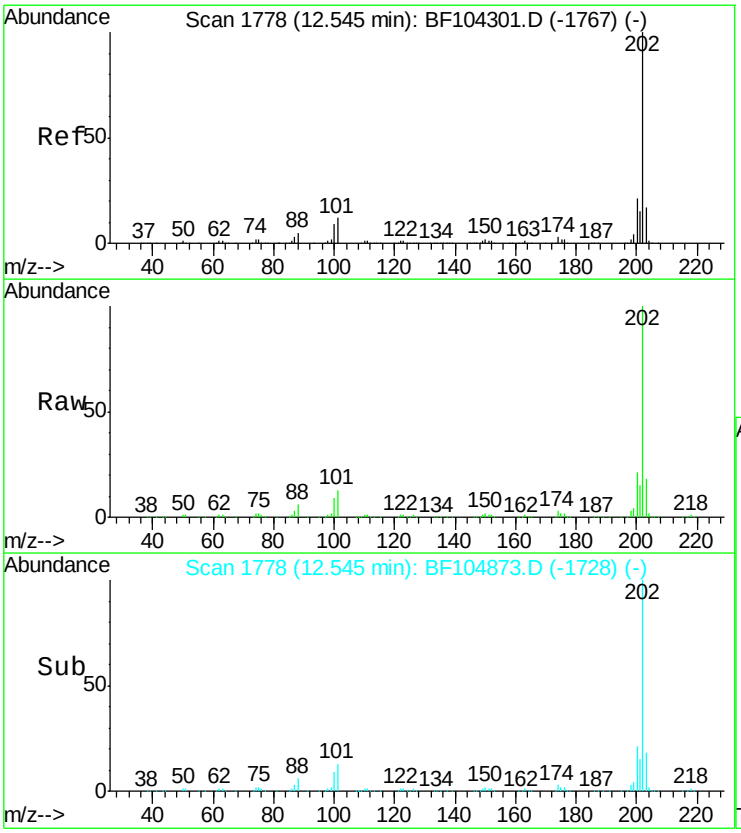
#71
Anthracene
Concen: 3.550 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF104873.D
Acq: 27 Apr 2018 10:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 48890

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.4	23.2
179	16.0	12.6	19.0

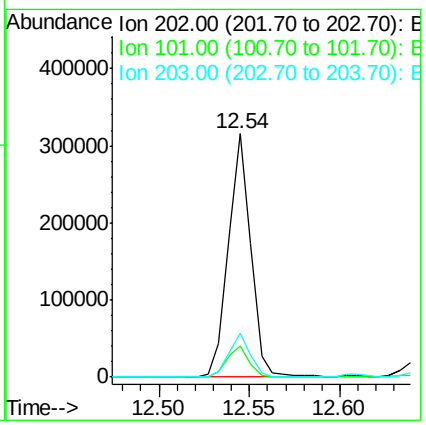


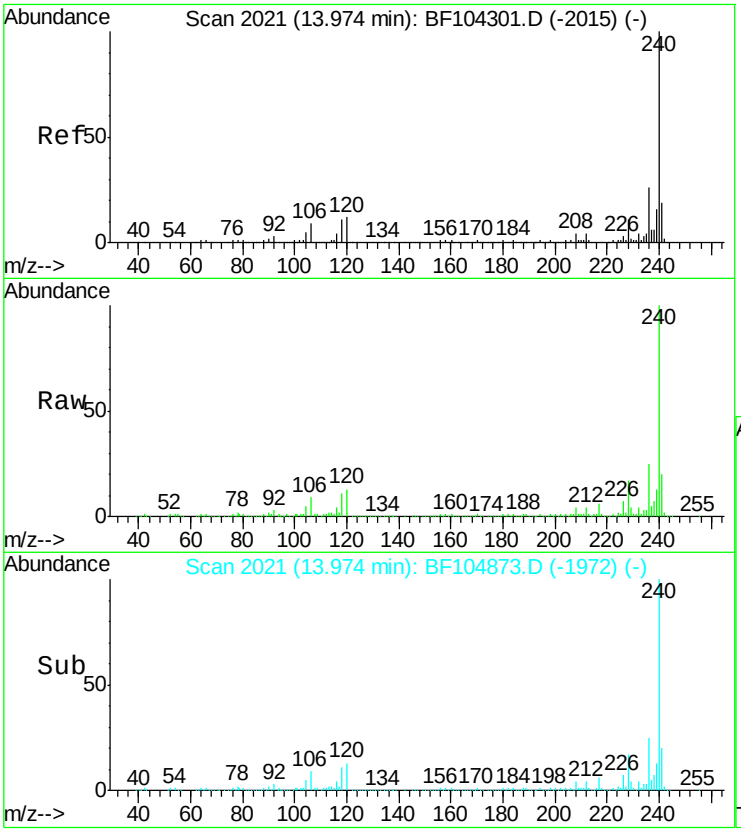


#74
Fluoranthene
Concen: 19.283 ng
RT: 12.54 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BF104873.D
Acq: 27 Apr 2018 10:05

Tgt Ion:202 Resp: 272950

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	34.1
203	18.0	0.0	38.1



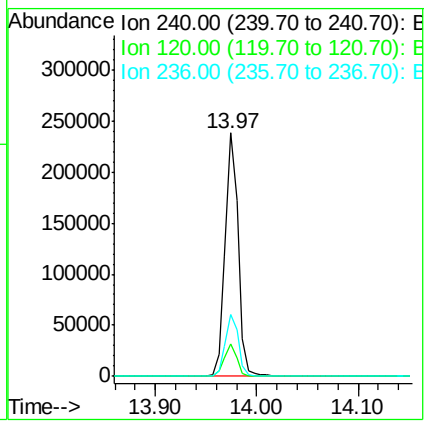


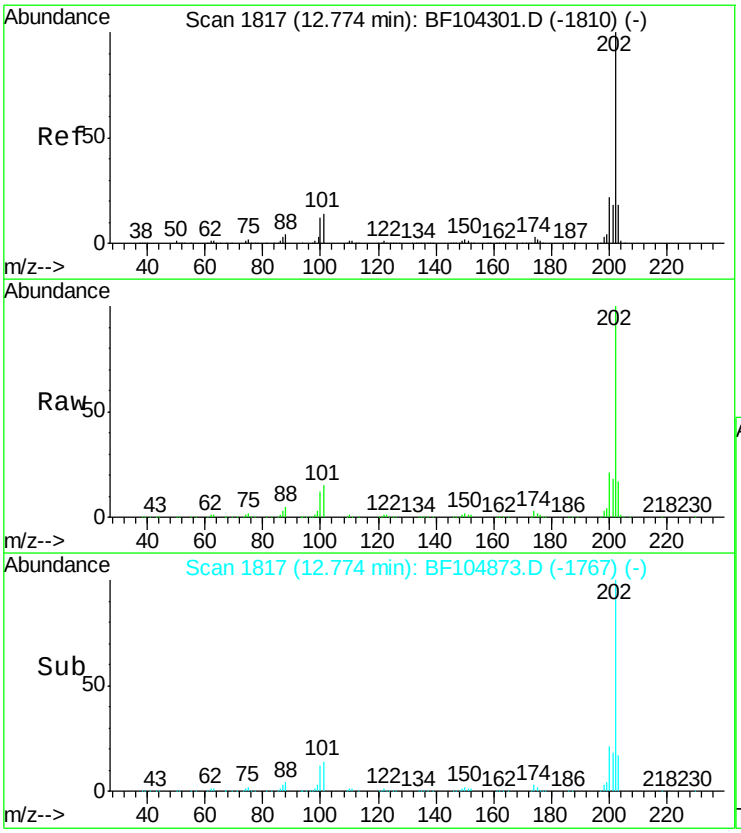
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104873.D
Acq: 27 Apr 2018 10:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 212769

Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.5	14.3
236	25.5	20.7	31.1

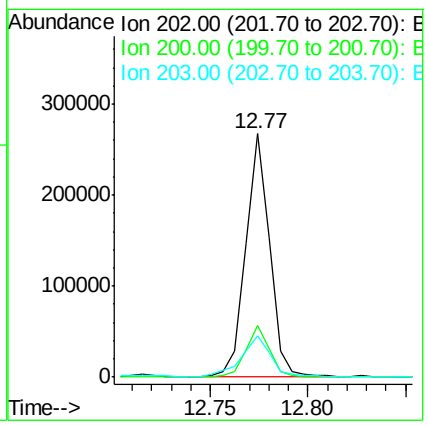


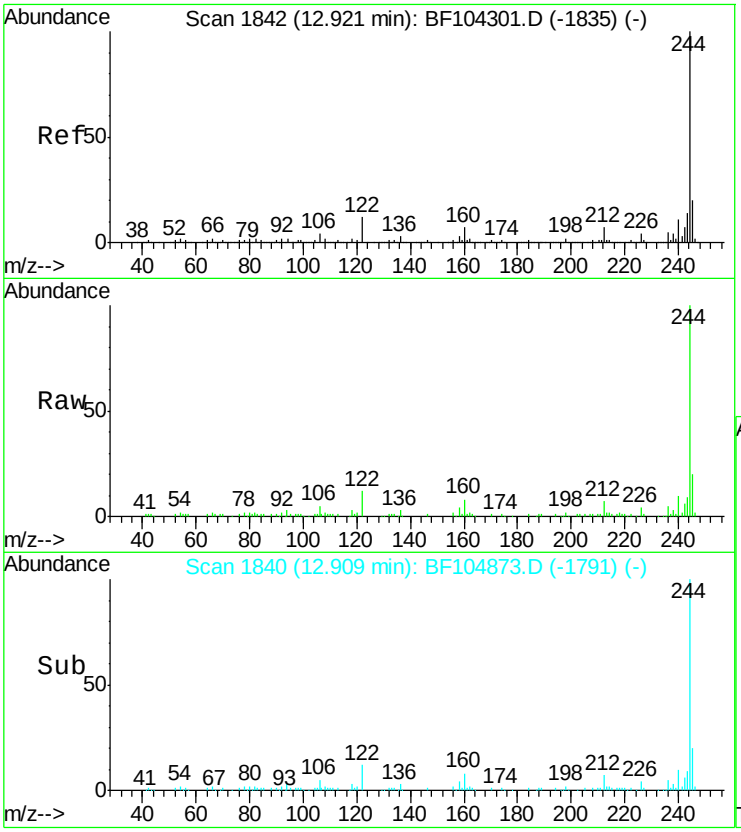


#77
Pyrene
Concen: 14.412 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF104873.D
Acq: 27 Apr 2018 10:05

Tgt Ion:202 Resp: 227297

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.1	14.3	21.5



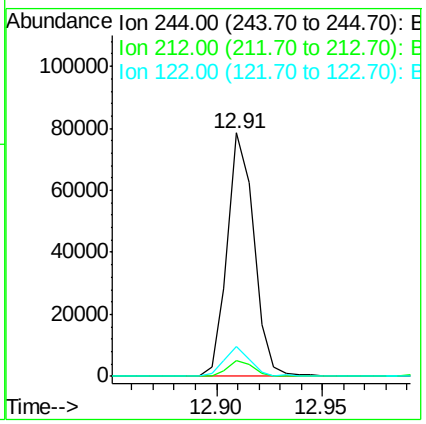


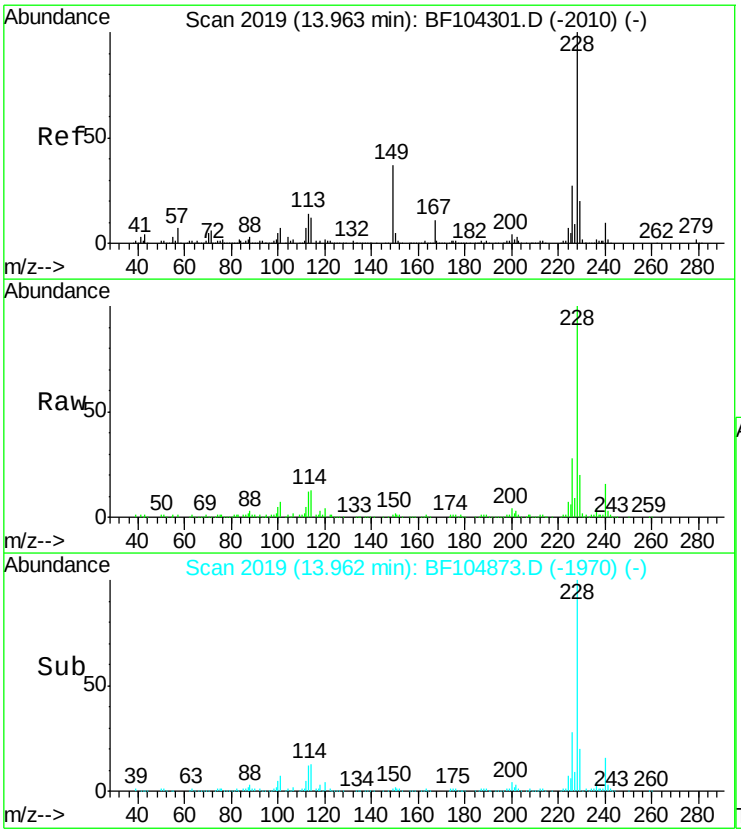
#78
Terphenyl-d14
Concen: 7.321 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF104873.D
Acq: 27 Apr 2018 10:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 68321

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	12.5	11.0	16.4

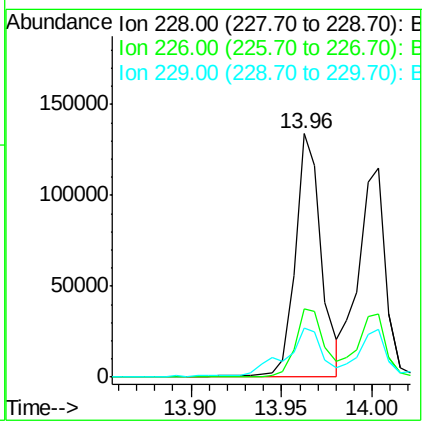


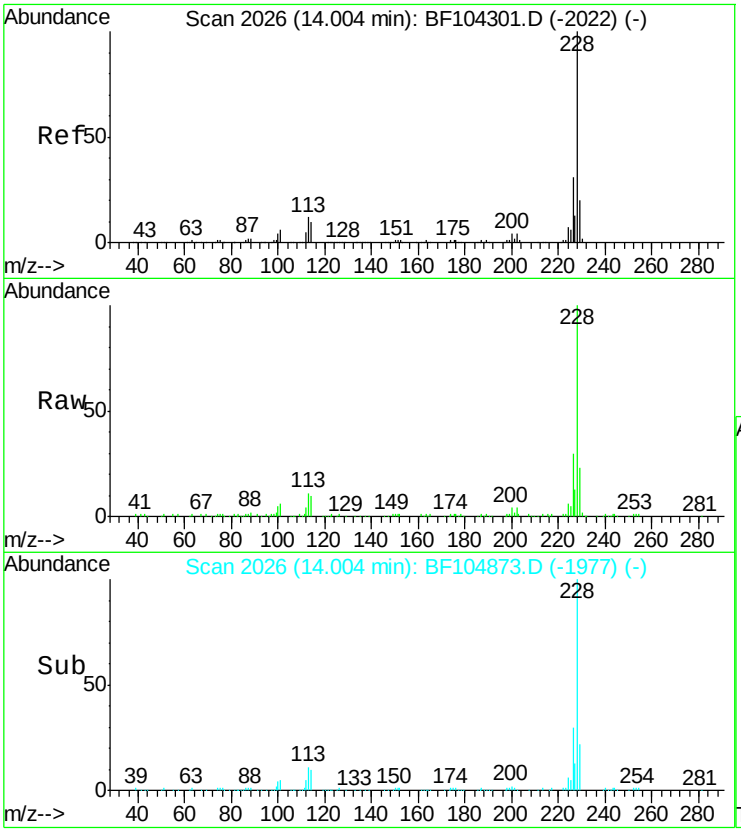


#80
Benzo(a)anthracene
Concen: 10.713 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF104873.D
Acq: 27 Apr 2018 10:05

Tgt Ion:228 Resp: 136175

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.2	15.8	23.6



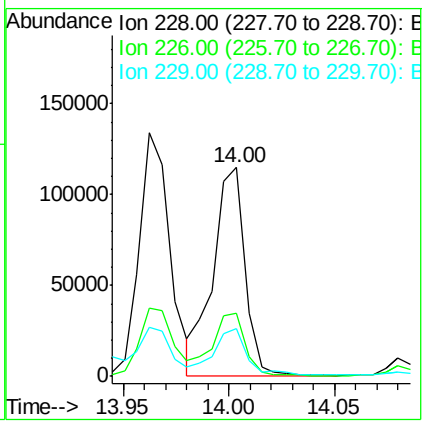


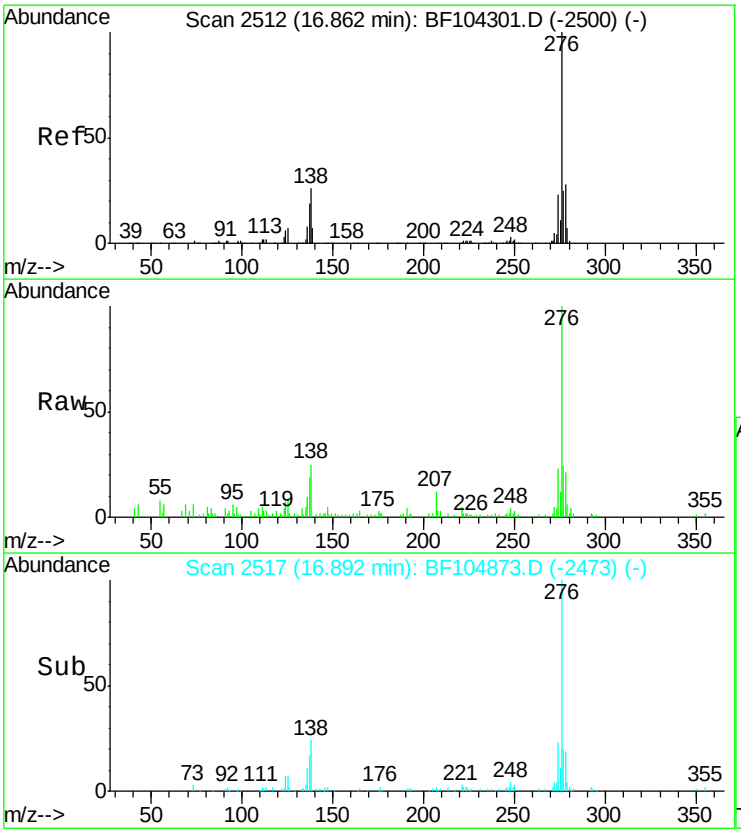
#82
Chrysene
Concen: 9.305 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF104873.D
Acq: 27 Apr 2018 10:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 121483

Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	23.1	16.2	24.4

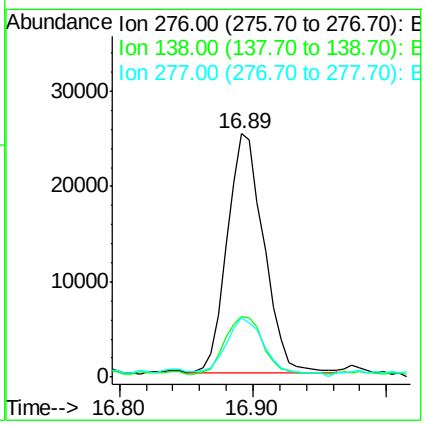


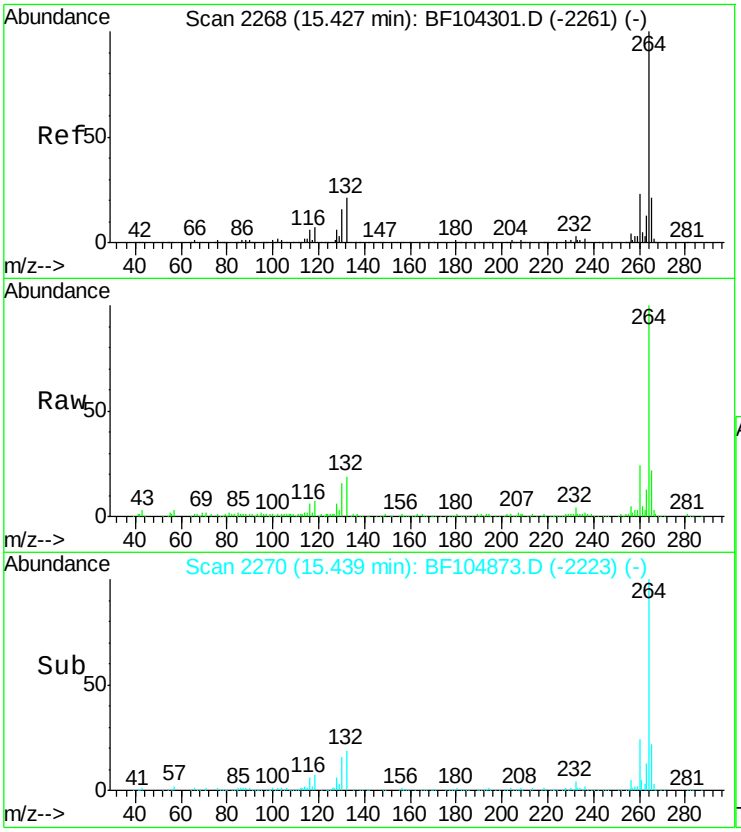


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.302 ng
RT: 16.89 min Scan# 2517
Delta R.T. -0.04 min
Lab File: BF104873.D
Acq: 27 Apr 2018 10:05

Tgt Ion:276 Resp: 47717

Ion	Ratio	Lower	Upper
276	100		
138	24.9	25.0	37.6#
277	27.8	20.1	30.1



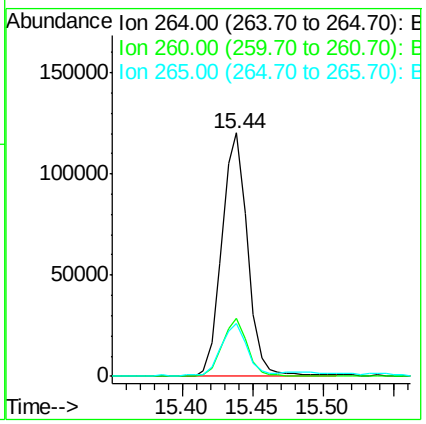


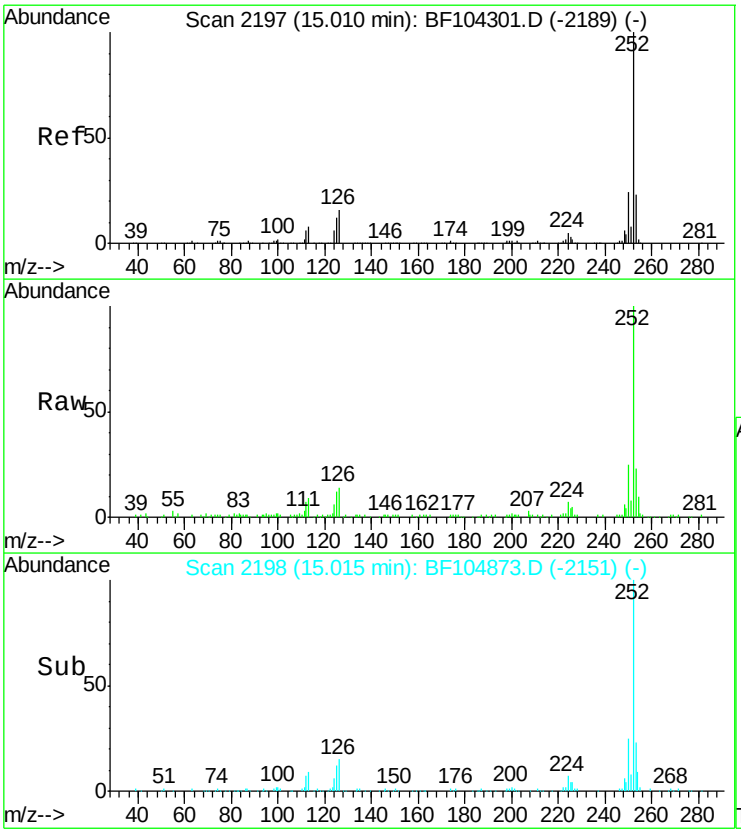
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BF104873.D
Acq: 27 Apr 2018 10:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 153145

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	17.5	26.3

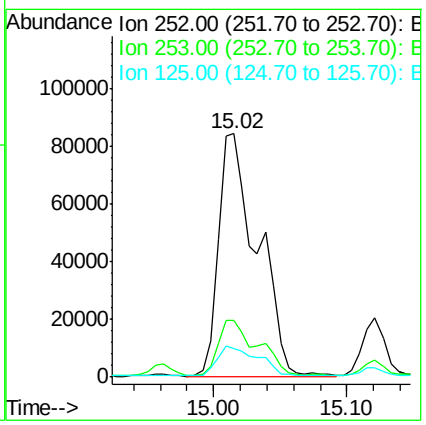


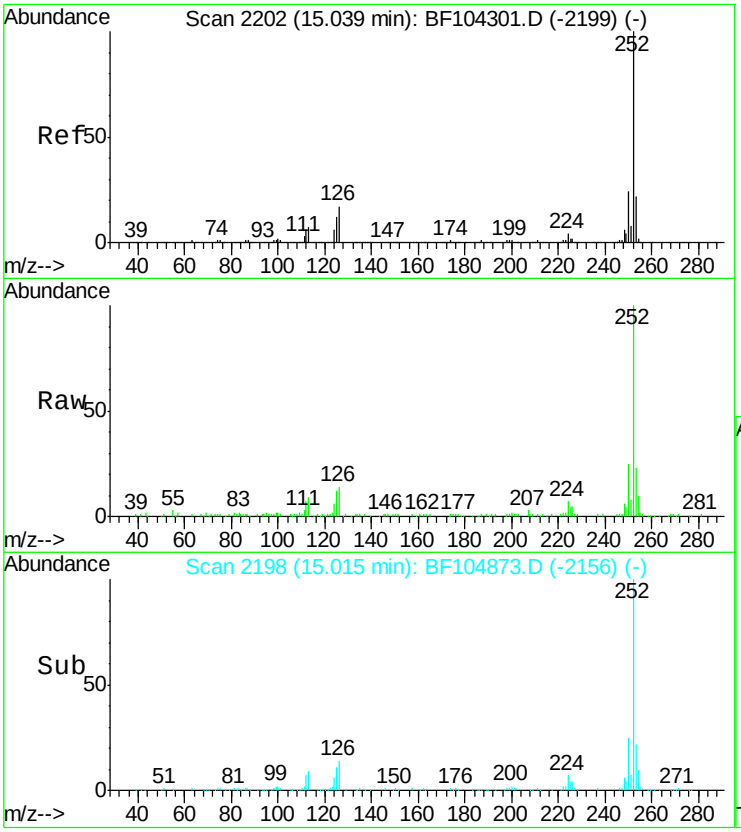


#87
Benzo(b)fluoranthene
Concen: 17.652 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BF104873.D
Acq: 27 Apr 2018 10:05

Tgt Ion:252 Resp: 170741

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.6
125	11.9	9.0	13.6



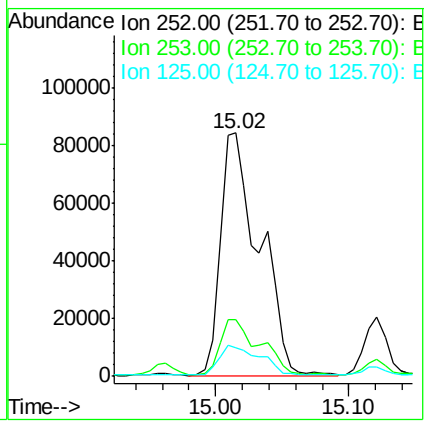


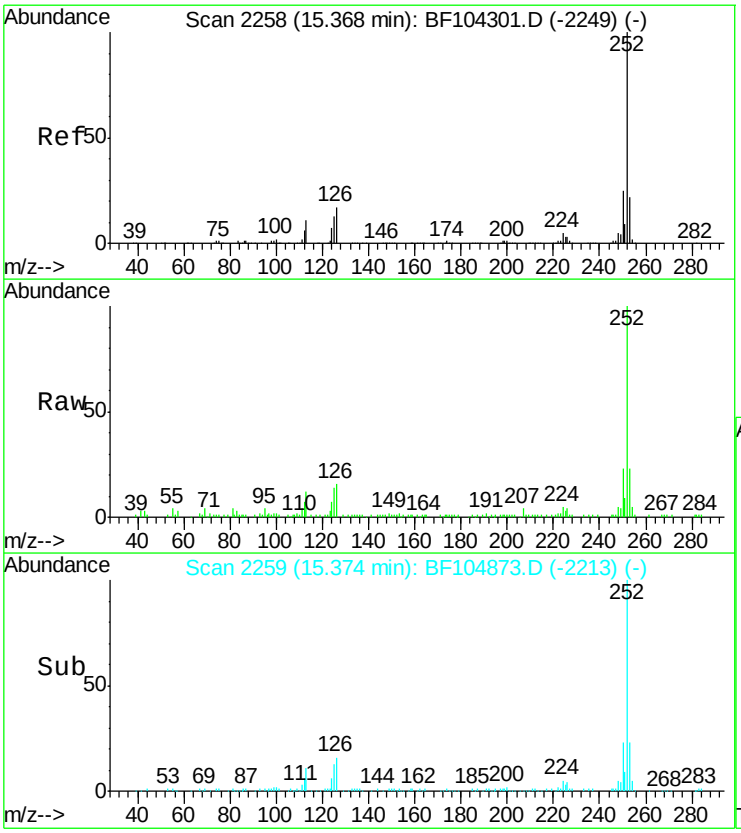
#88
Benzo(k)fluoranthene
Concen: 18.698 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.05 min
Lab File: BF104873.D
Acq: 27 Apr 2018 10:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 170741

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	11.9	10.2	15.2

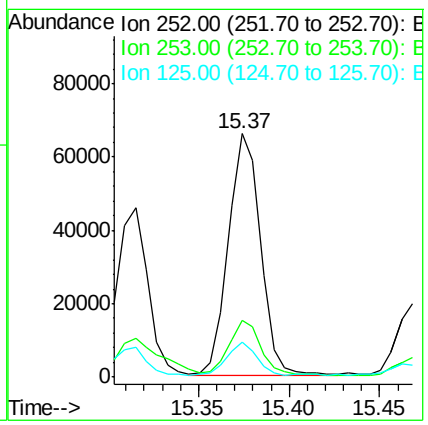


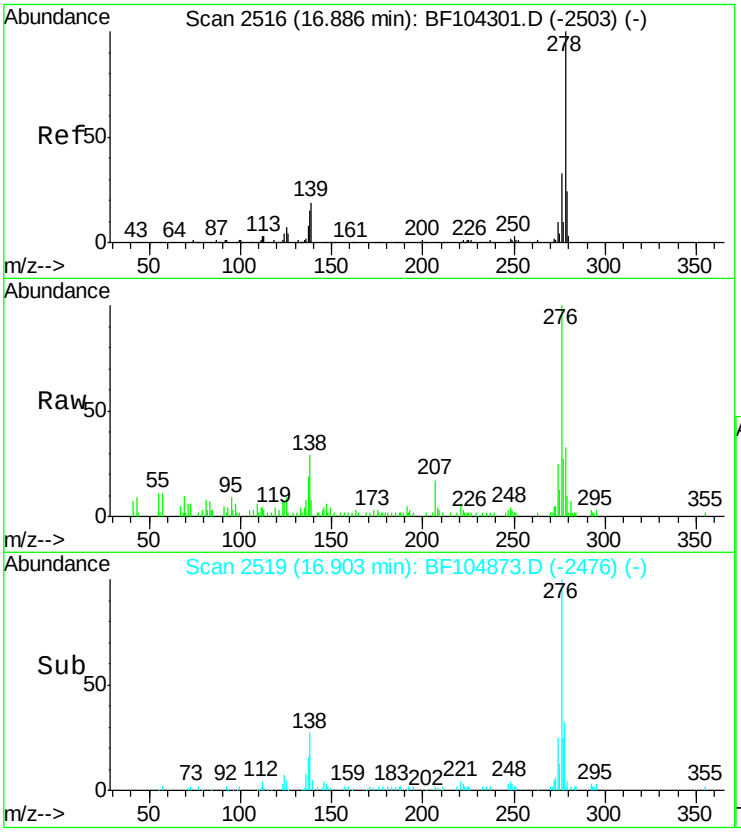


#89
Benzo(a)pyrene
Concen: 9.505 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.03 min
Lab File: BF104873.D
Acq: 27 Apr 2018 10:05

Tgt Ion:252 Resp: 82262

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	14.1	9.8	14.6



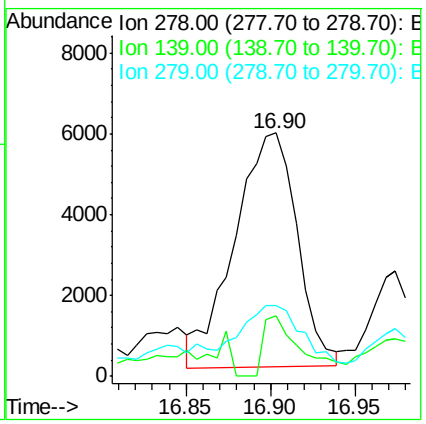


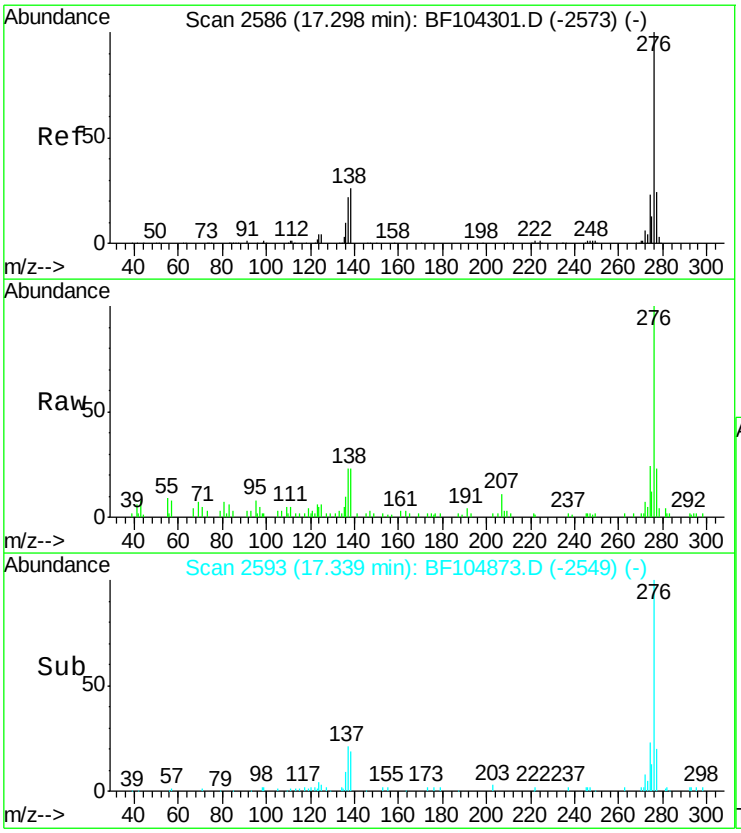
#90
Dibenzo(a,h)anthracene
Concen: 2.107 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.05 min
Lab File: BF104873.D
Acq: 27 Apr 2018 10:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 14979

Ion	Ratio	Lower	Upper
278	100		
139	24.9	15.9	23.9#
279	29.0	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 6.671 ng
RT: 17.34 min Scan# 2593
Delta R.T. -0.04 min
Lab File: BF104873.D
Acq: 27 Apr 2018 10:05

Tgt Ion:276 Resp: 45941

Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.9	26.9
138	22.5	21.8	32.8