Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104072.D
Acq On : 30 Mar 2018 1:47
Operator : JU/SJ
Sample : J2048-01DL 20X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 30 06:51:39 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 13:41:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	86440	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	378692	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	171890	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	270161	20.00	ng		0.00
75) Chrysene-d12	14.16	240	186574	20.00	ng		0.00
86) Perylene-d12	15.71	264	200562	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	3786	0.70	ng		0.06
7) Phenol-d6	6.66	99	17783	2.67	ng		0.05
23) Nitrobenzene-d5	7.56	82	13313	2.15	ng		0.02
41) 2,4,6-Tribromophenol	10.80	330	6241	3.26	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	47948	4.40	ng		0.00
78) Terphenyl-d14	13.09	244	34105	4.22	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.27	128	910995	49.242	ng		99
33) 4-Chloroaniline	8.27	127	120542	15.455	ng	#	31
37) 2-Methylnaphthalene	8.96	142	281708	23.117	ng		98
45) 1,1'-Biphenyl	9.43	154	30303	2.054	ng		97
50) 2,6-Dinitrotoluene	10.00	165	25066	8.585	ng	#	26
70) Phenanthrene	11.53	178	58530	4.002	ng		98
74) Fluoranthene	12.72	202	40375	2.597	ng		99
77) Pyrene	12.95	202	60855	4.537	ng		99
80) Benzo(a)anthracene	14.15	228	23912	2.048	ng		99
82) Chrysene	14.19	228	25068	2.192	ng		98

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

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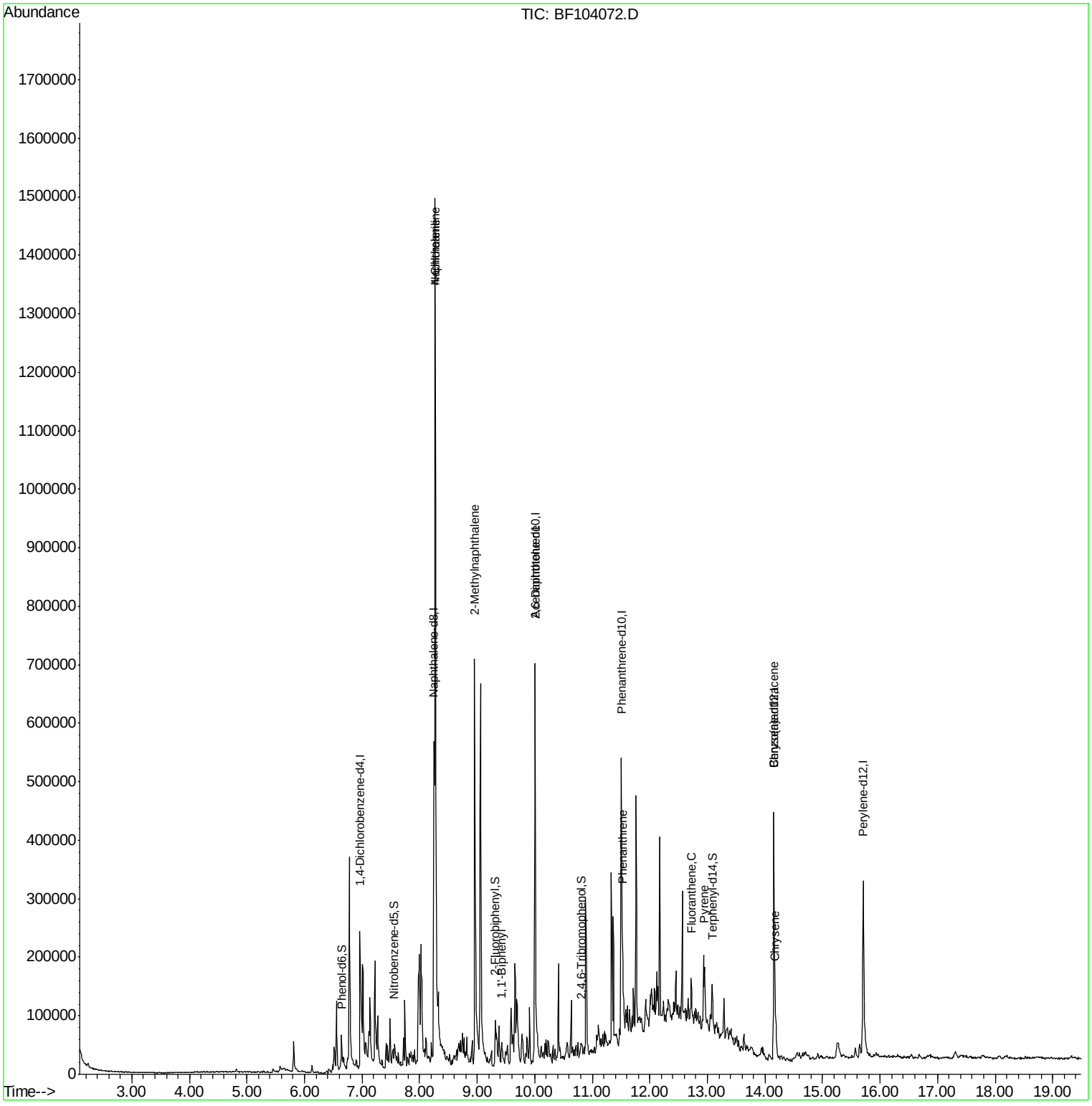
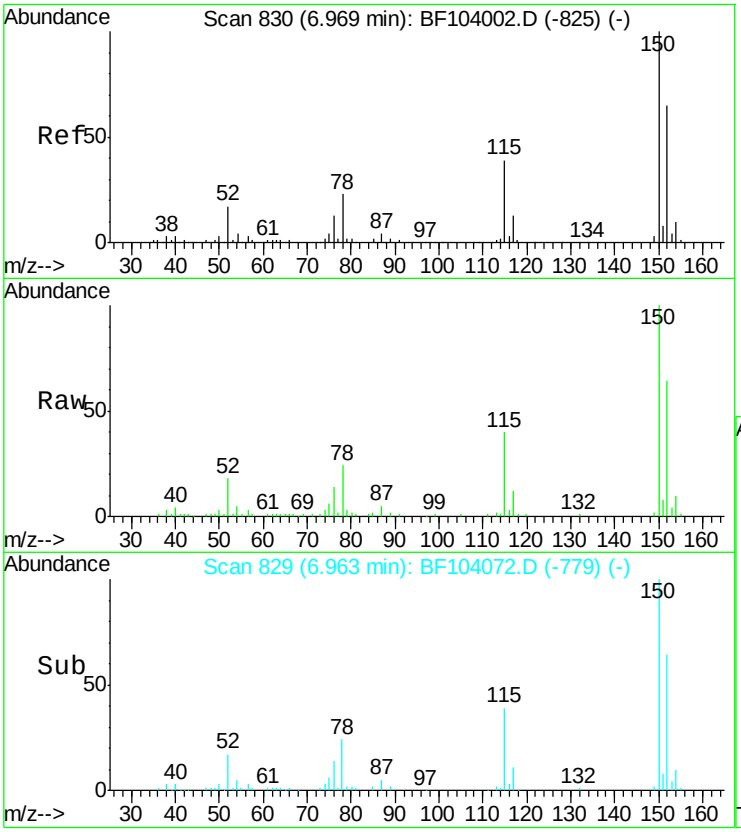


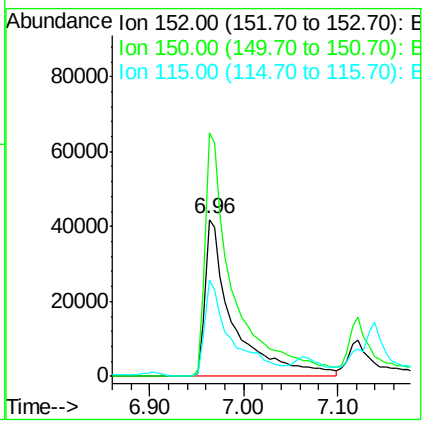


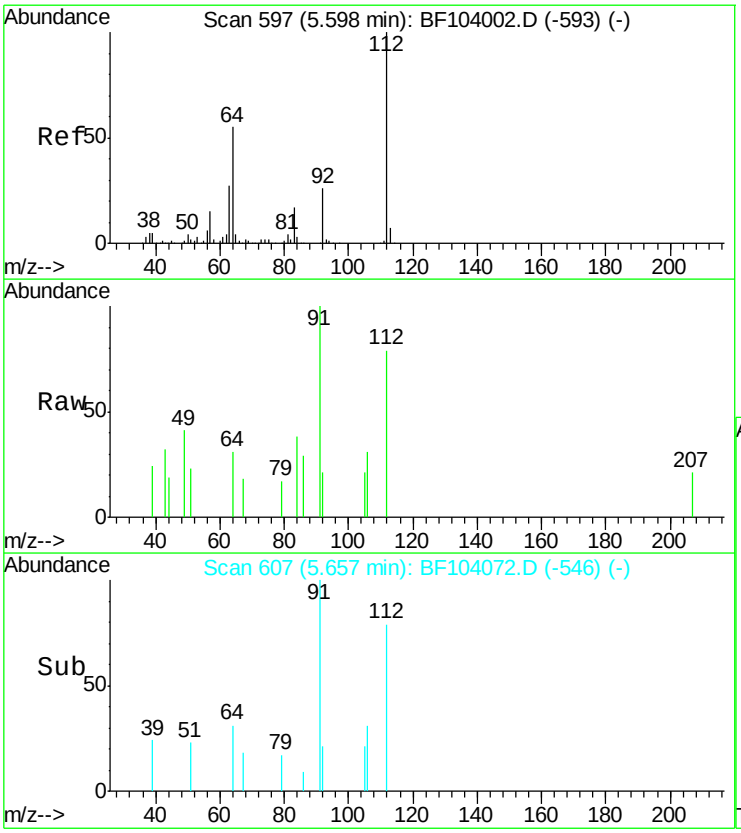
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF104072.D
Acq: 30 Mar 2018 1:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 86440

Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	61.7	50.1	75.1

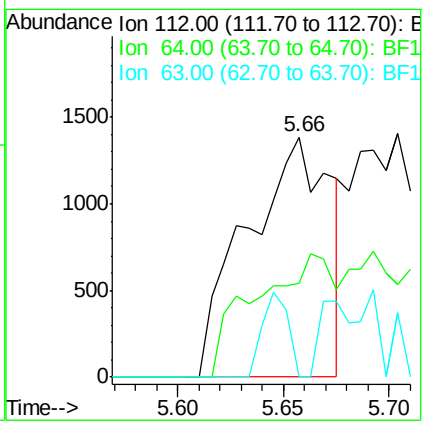


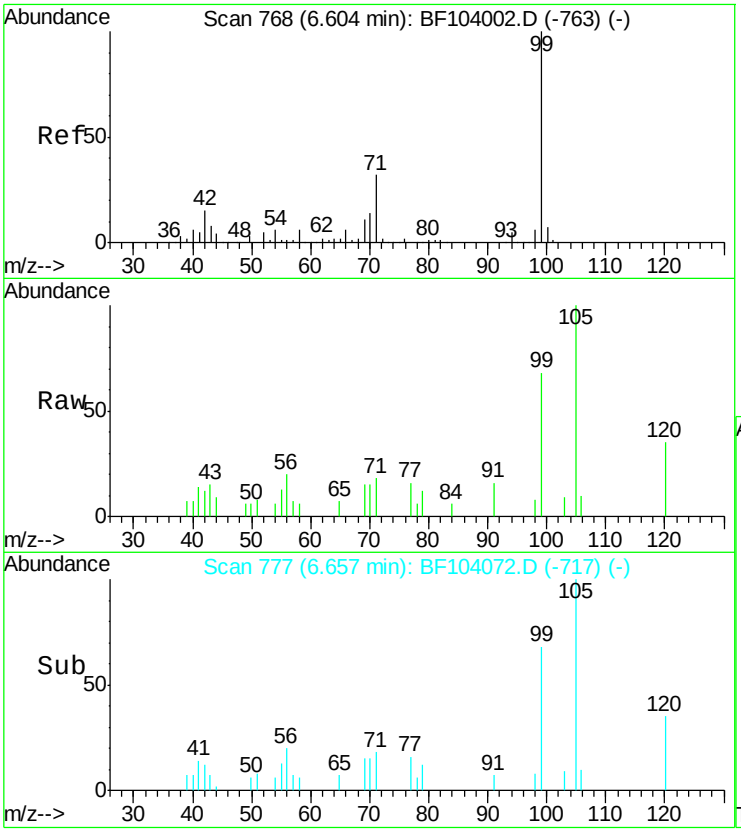


#5
2-Fluorophenol
Concen: 0.698 ng
RT: 5.66 min Scan# 607
Delta R.T. 0.06 min
Lab File: BF104072.D
Acq: 30 Mar 2018 1:47

Tgt Ion:112 Resp: 3786

Ion	Ratio	Lower	Upper
112	100		
64	39.3	47.9	71.9#
63	0.0	23.7	35.5#



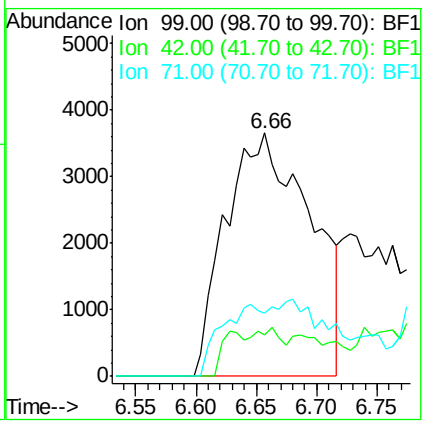


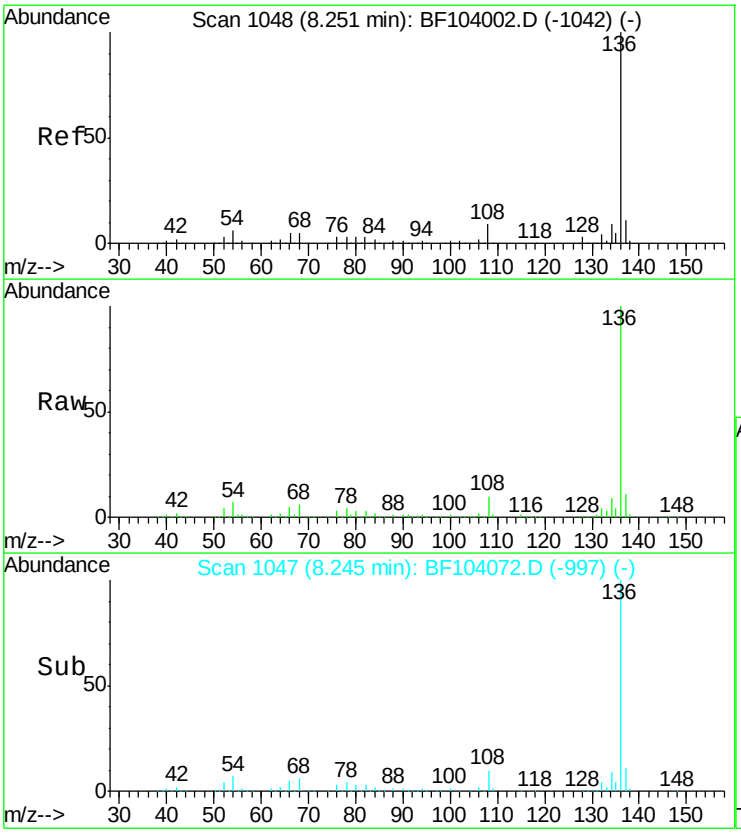
#7
Phenol-d6
Concen: 2.667 ng
RT: 6.66 min Scan# 777
Delta R.T. 0.05 min
Lab File: BF104072.D
Acq: 30 Mar 2018 1:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 17783

Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.5	21.7
71	26.1	25.4	38.0

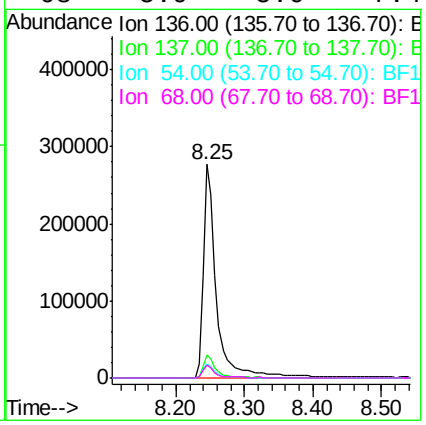


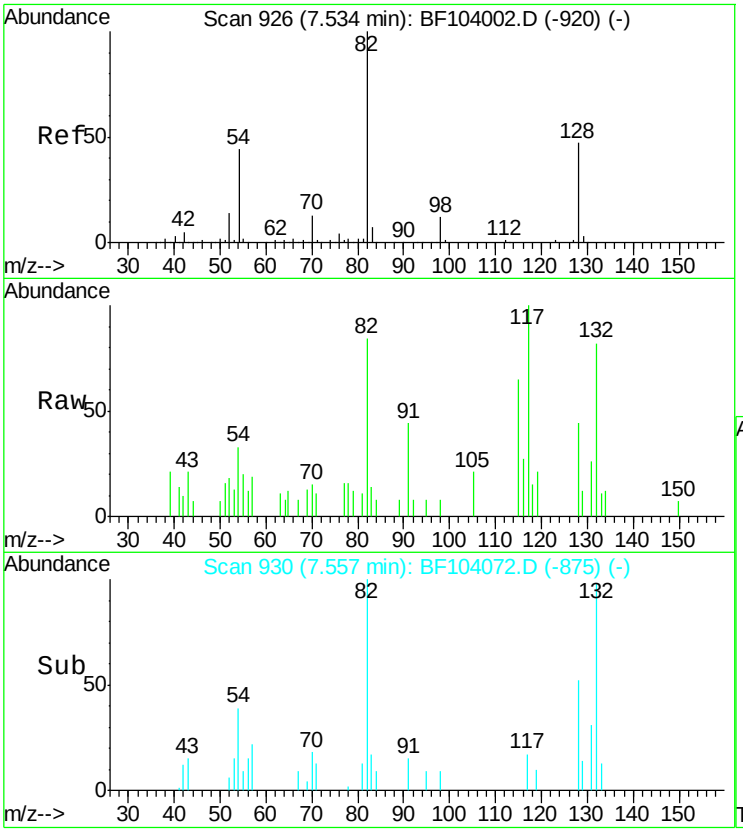


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF104072.D
Acq: 30 Mar 2018 1:47

Tgt Ion:136 Resp: 378692

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.8	6.6	9.8
68	5.9	5.0	7.4



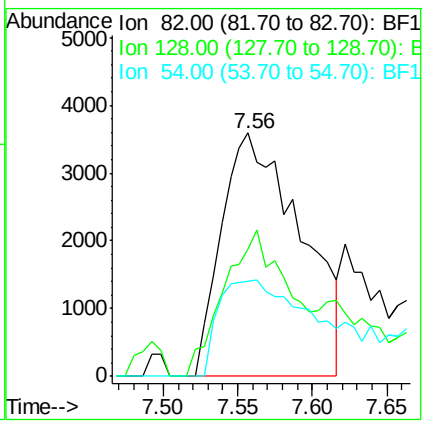


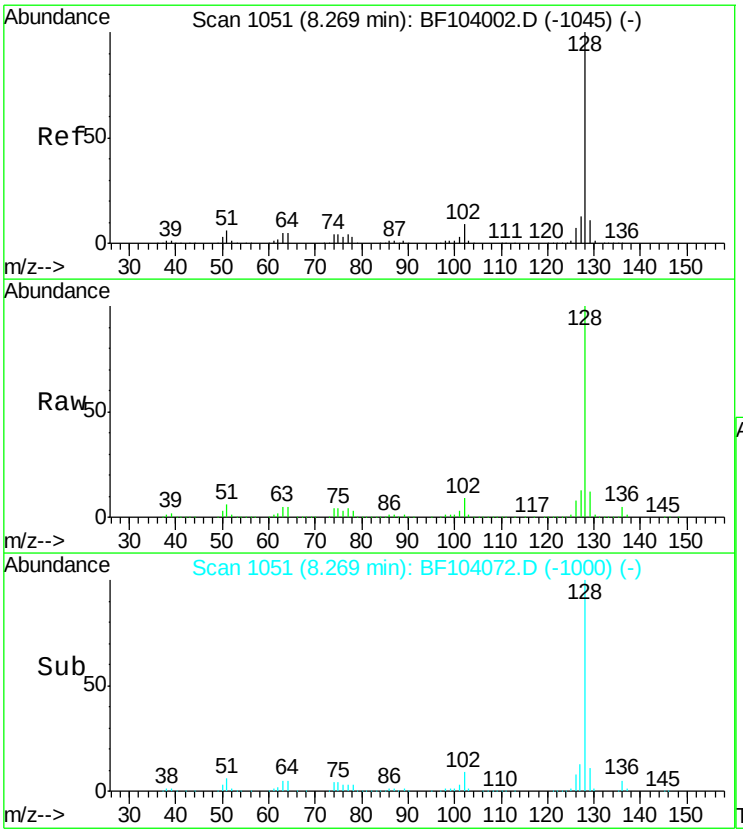
#23
Nitrobenzene-d5
Concen: 2.150 ng
RT: 7.56 min Scan# 930
Delta R.T. 0.02 min
Lab File: BF104072.D
Acq: 30 Mar 2018 1:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 13313

Ion	Ratio	Lower	Upper
82	100		
128	52.3	36.1	54.1
54	39.2	41.4	62.2#

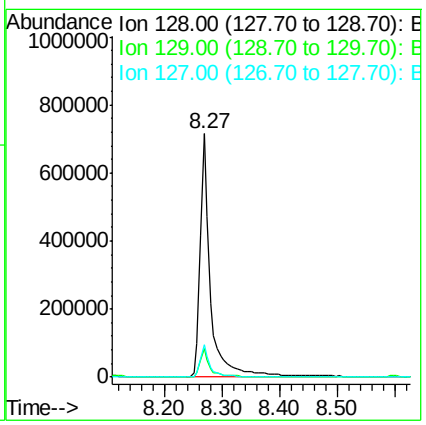


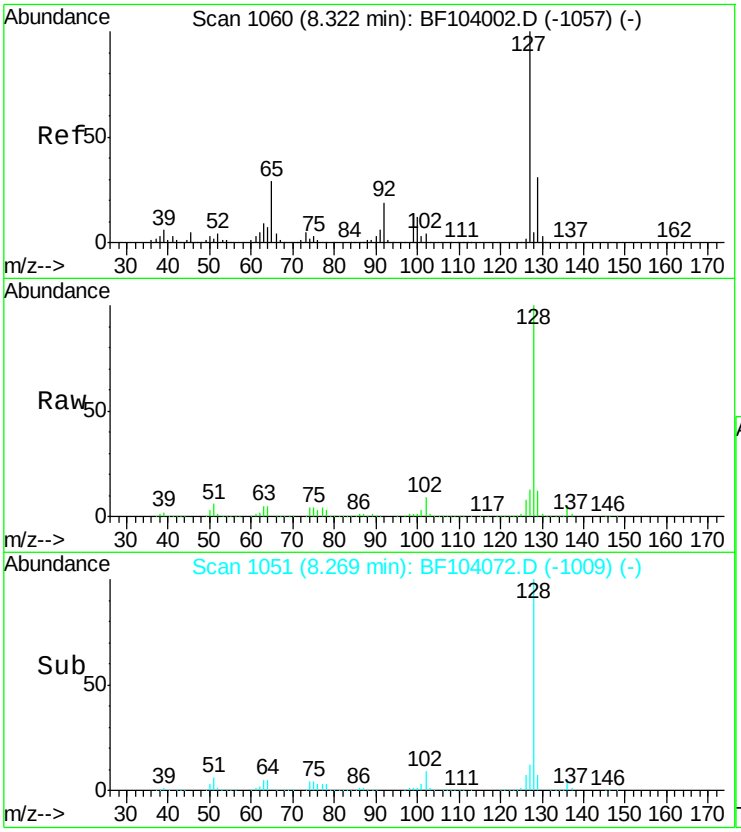


#31
Naphthalene
Concen: 49.242 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BF104072.D
Acq: 30 Mar 2018 1:47

Tgt Ion:128 Resp: 910995

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	13.3	10.9	16.3



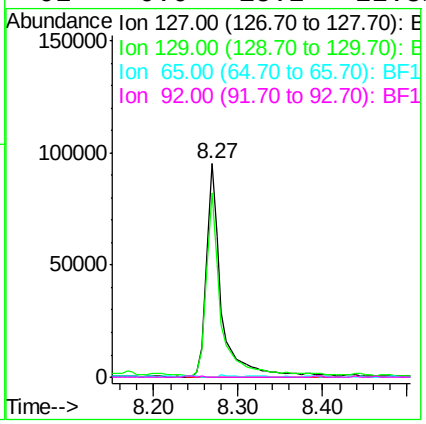


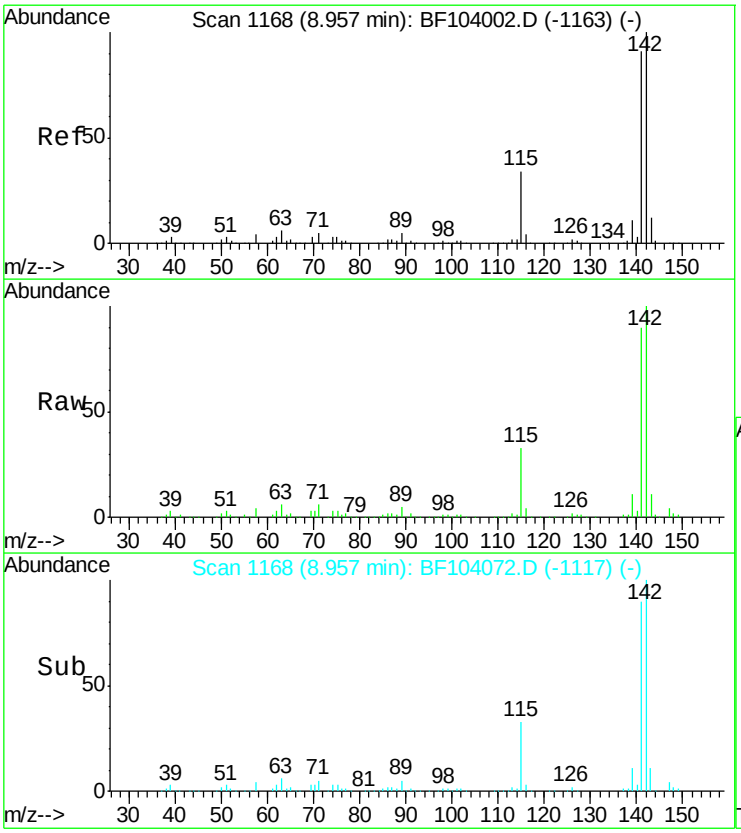
#33
4-Chloroaniline
Concen: 15.455 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.05 min
Lab File: BF104072.D
Acq: 30 Mar 2018 1:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 120542

Ion	Ratio	Lower	Upper
127	100		
129	86.4	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

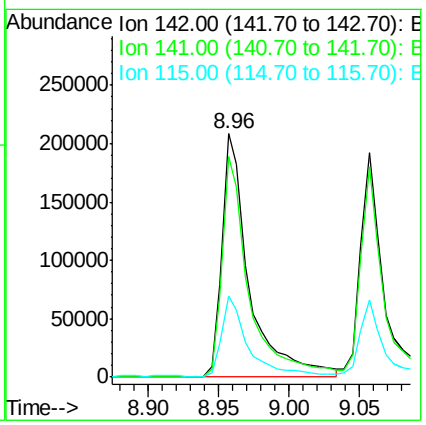


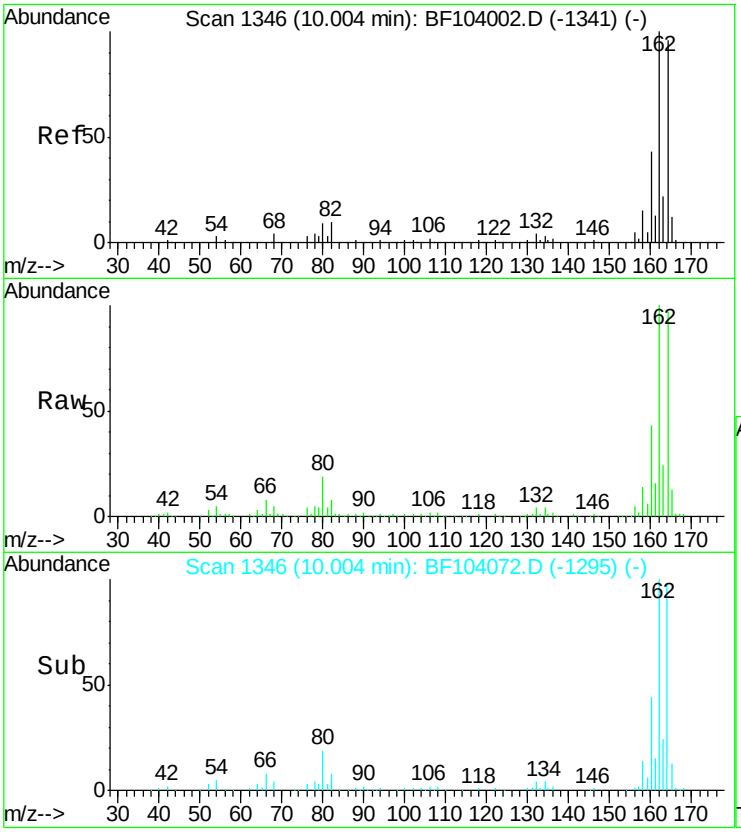


#37
2-Methylnaphthalene
Concen: 23.117 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF104072.D
Acq: 30 Mar 2018 1:47

Tgt Ion:142 Resp: 281708

Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.8	106.2
115	33.4	26.1	39.1



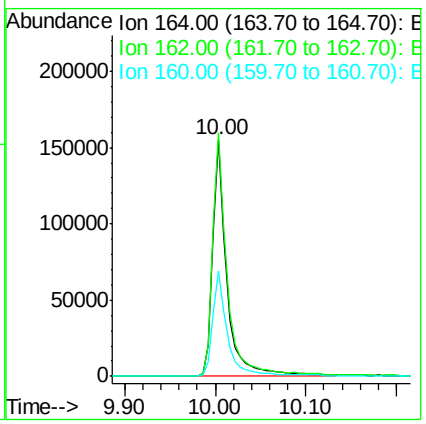


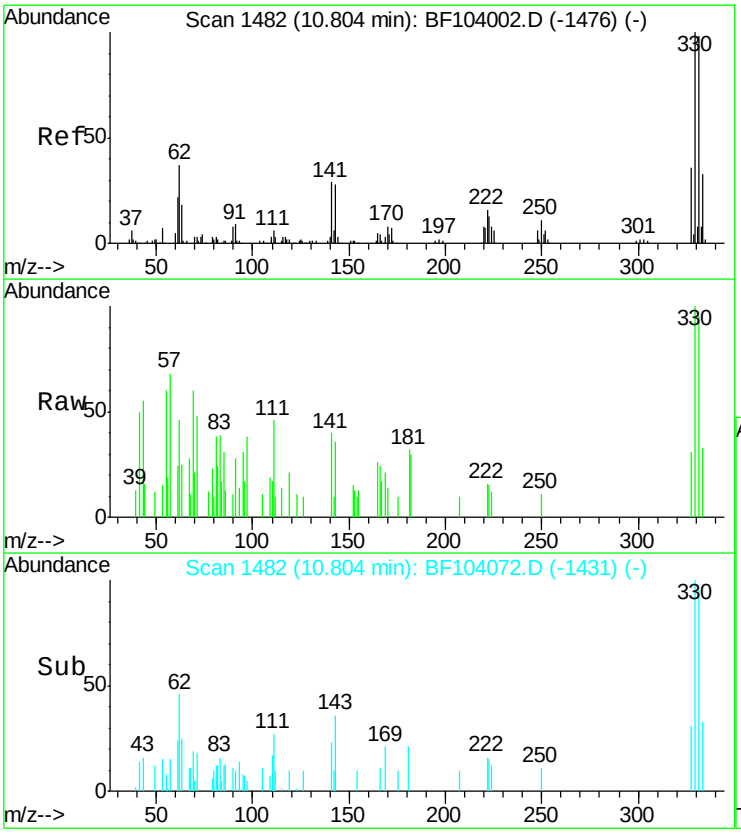
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF104072.D
Acq: 30 Mar 2018 1:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 171890

Ion	Ratio	Lower	Upper
164	100		
162	102.9	86.1	129.1
160	44.5	38.3	57.5

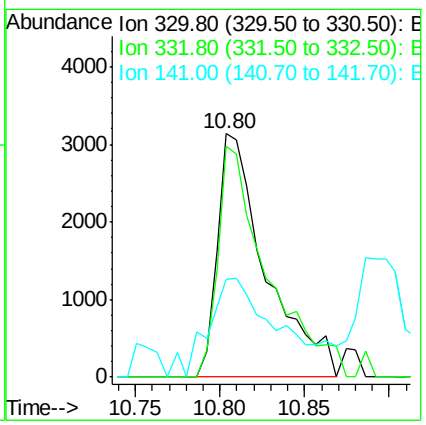


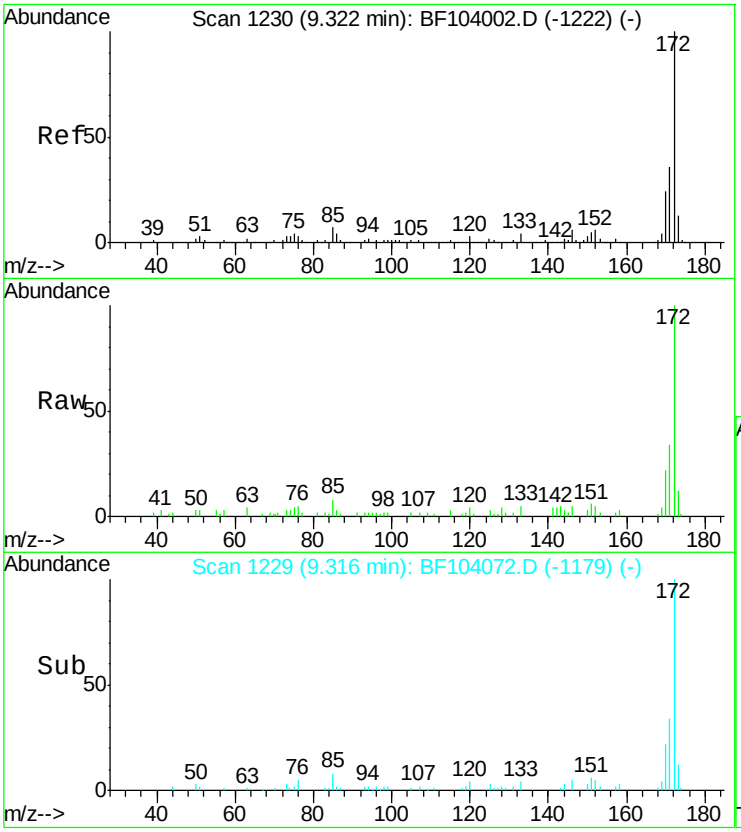


#41
2,4,6-Tribromophenol
Concen: 3.261 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.00 min
Lab File: BF104072.D
Acq: 30 Mar 2018 1:47

Tgt Ion:330 Resp: 6241

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	57.2	29.9	44.9#

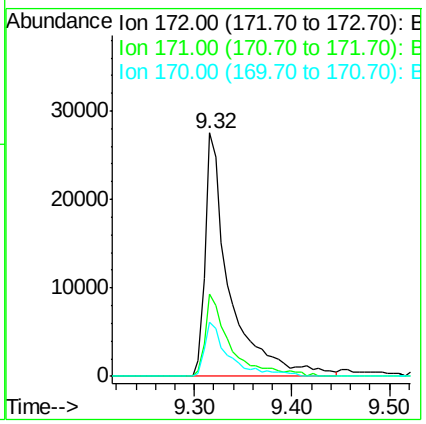




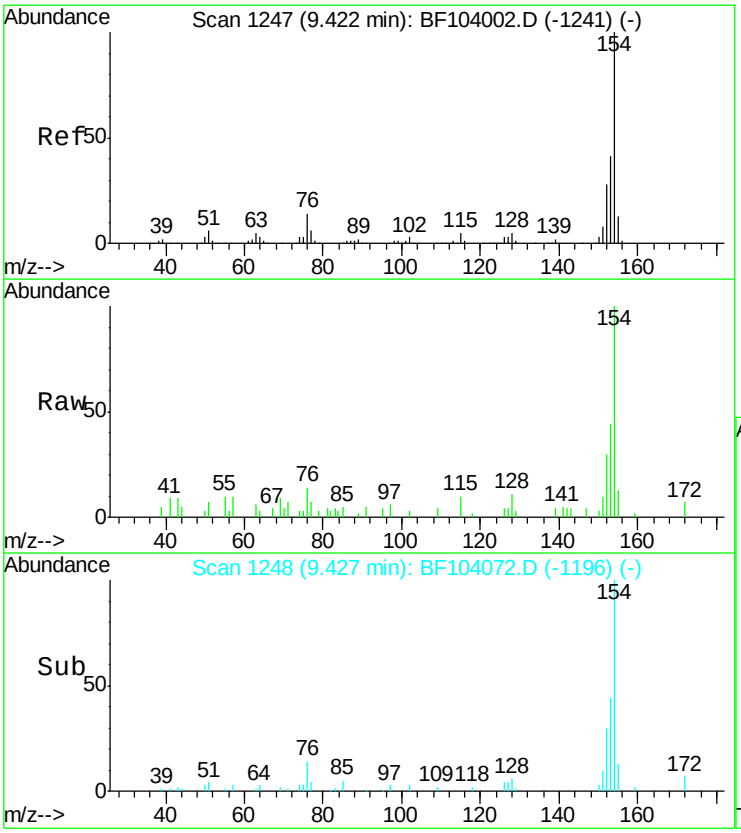
#44
2-Fluorobiphenyl
Concen: 4.399 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF104072.D
Acq: 30 Mar 2018 1:47

Tgt Ion:172 Resp: 47948

Ion	Ratio	Lower	Upper
172	100		
171	33.6	29.7	44.5
170	22.3	19.6	29.4



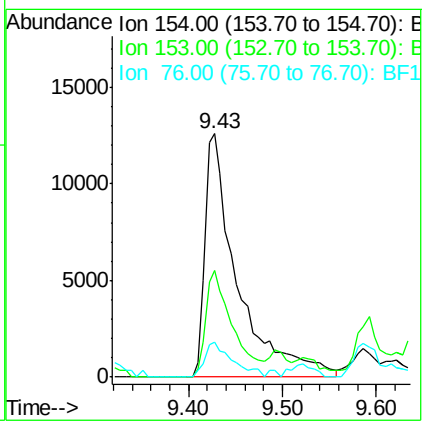
Instrument :
BNA_F
ClientSampleId :

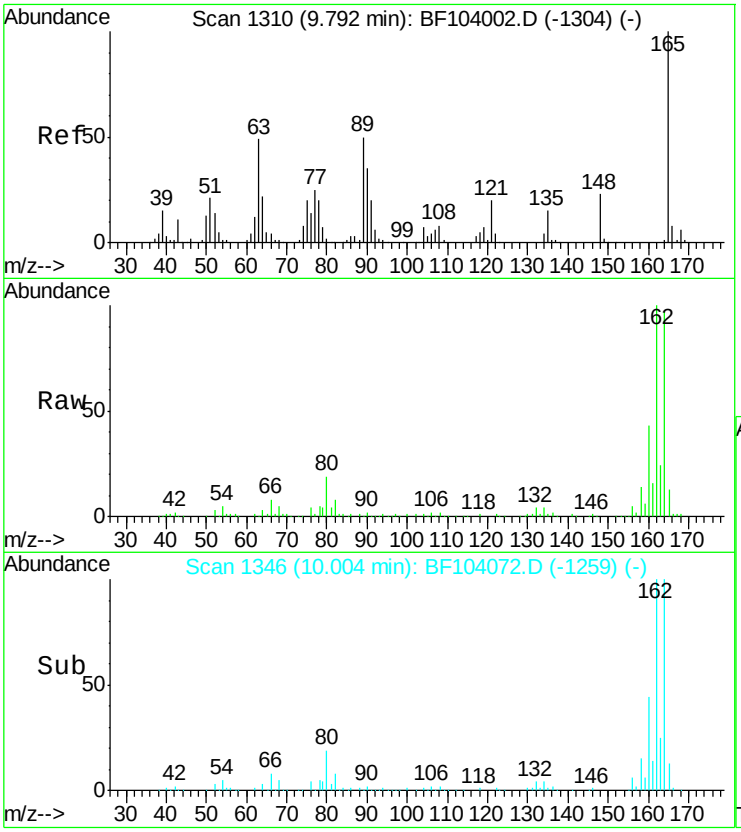


#45
1,1'-Biphenyl
Concen: 2.054 ng
RT: 9.43 min Scan# 1248
Delta R.T. 0.01 min
Lab File: BF104072.D
Acq: 30 Mar 2018 1:47

Tgt Ion:154 Resp: 30303

Ion	Ratio	Lower	Upper
154	100		
153	43.9	21.3	61.3
76	14.2	0.0	34.0



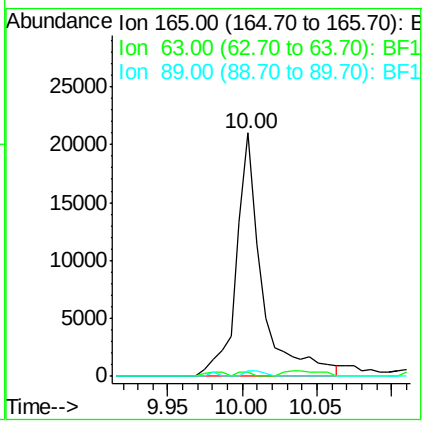


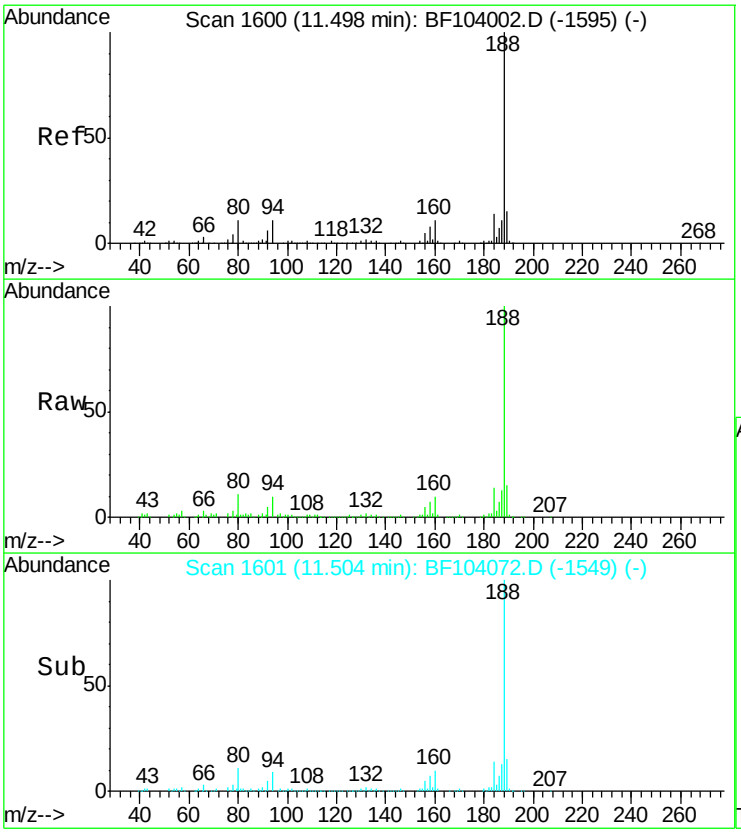
#50
2,6-Dinitrotoluene
Concen: 8.585 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.21 min
Lab File: BF104072.D
Acq: 30 Mar 2018 1:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 25066

Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.7	67.1#
89	2.2	44.0	66.0#

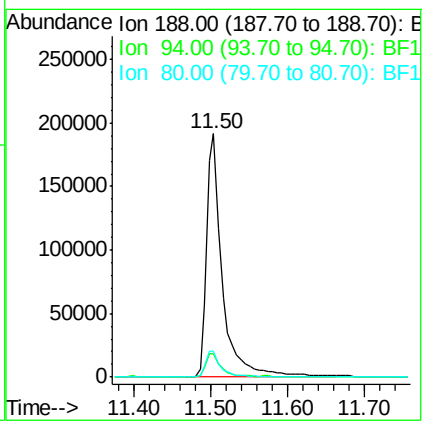


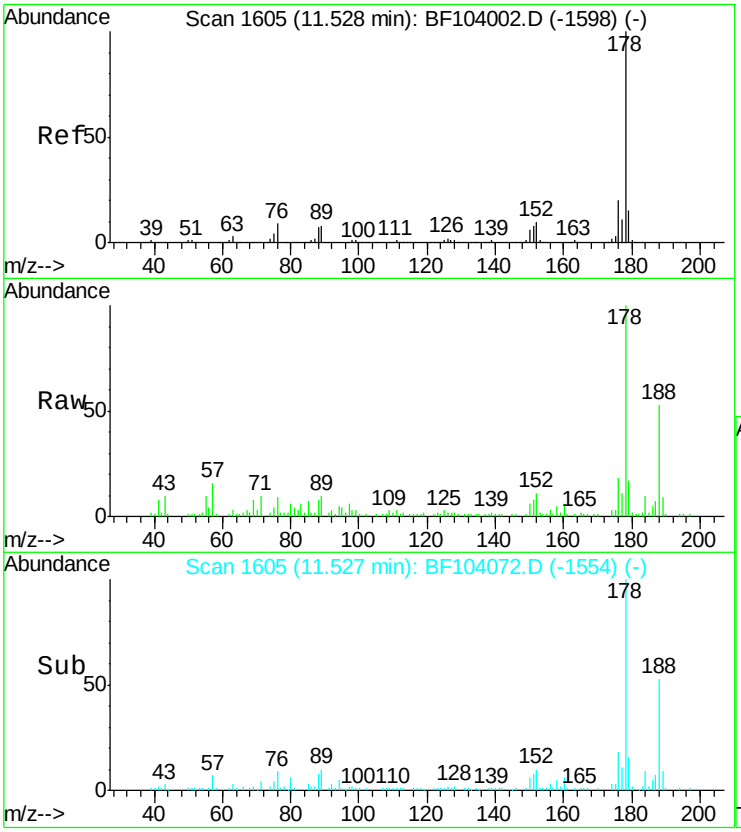


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF104072.D
Acq: 30 Mar 2018 1:47

Tgt Ion:188 Resp: 270161

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.6	9.2	13.8



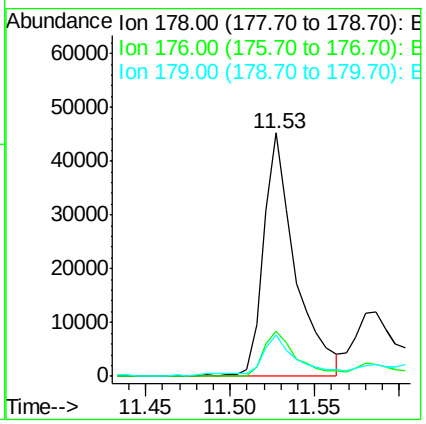


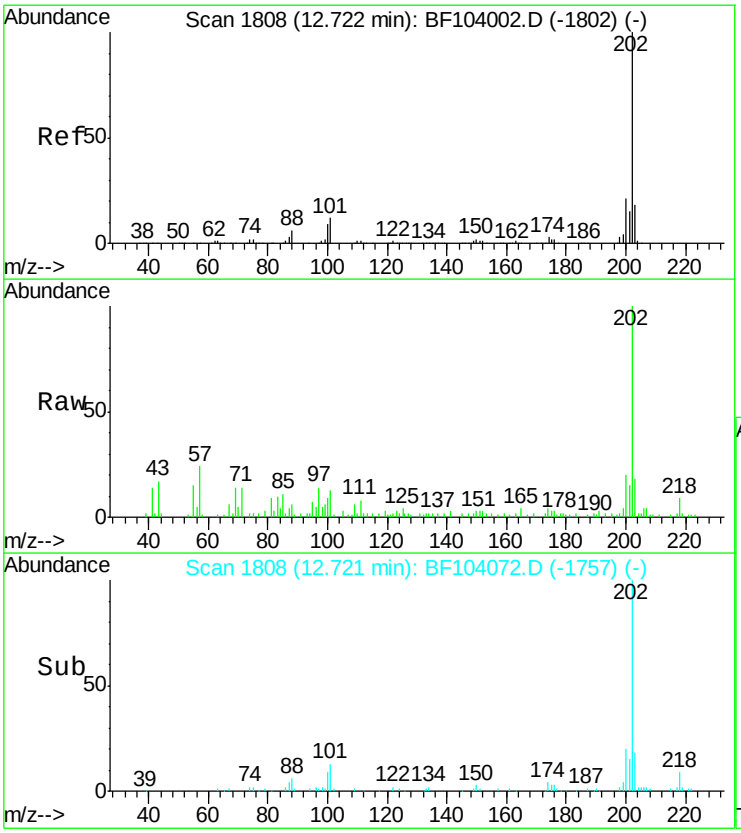
#70
Phenanthrene
Concen: 4.002 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.00 min
Lab File: BF104072.D
Acq: 30 Mar 2018 1:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 58530

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.8
179	16.7	13.0	19.6

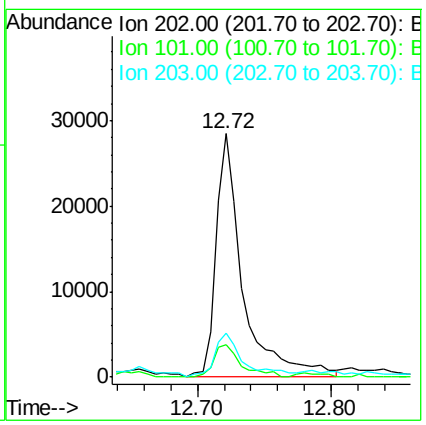


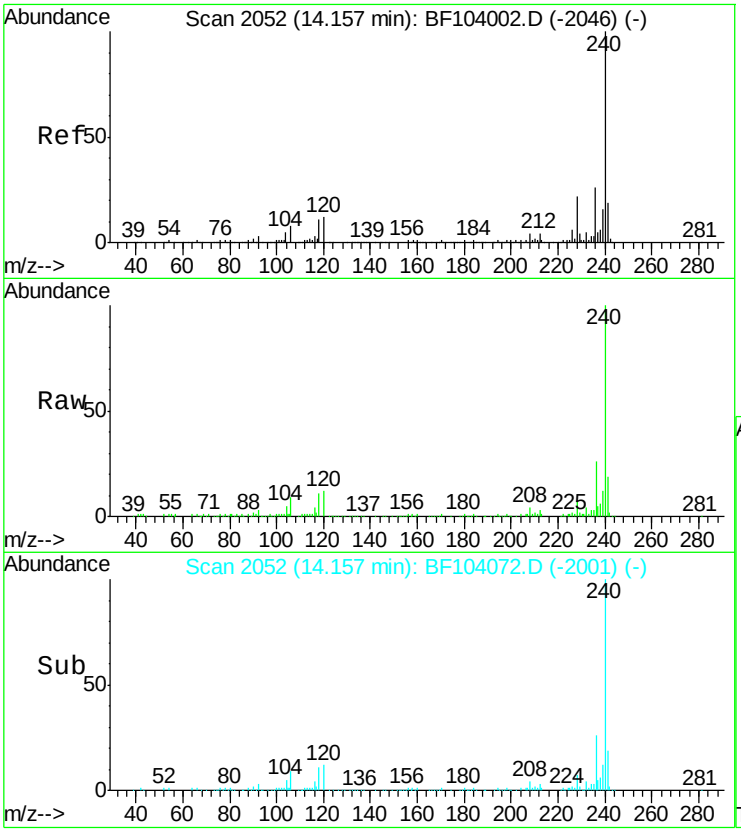


#74
Fluoranthene
Concen: 2.597 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.00 min
Lab File: BF104072.D
Acq: 30 Mar 2018 1:47

Tgt Ion:202 Resp: 40375

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	34.1
203	18.1	0.0	38.1



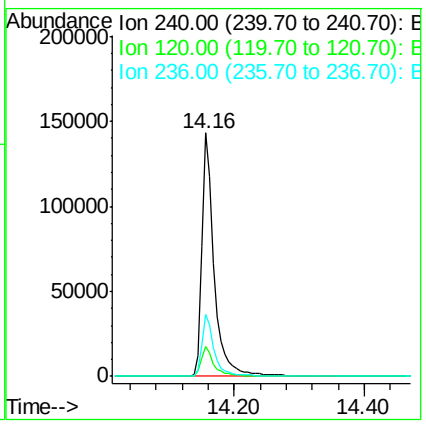


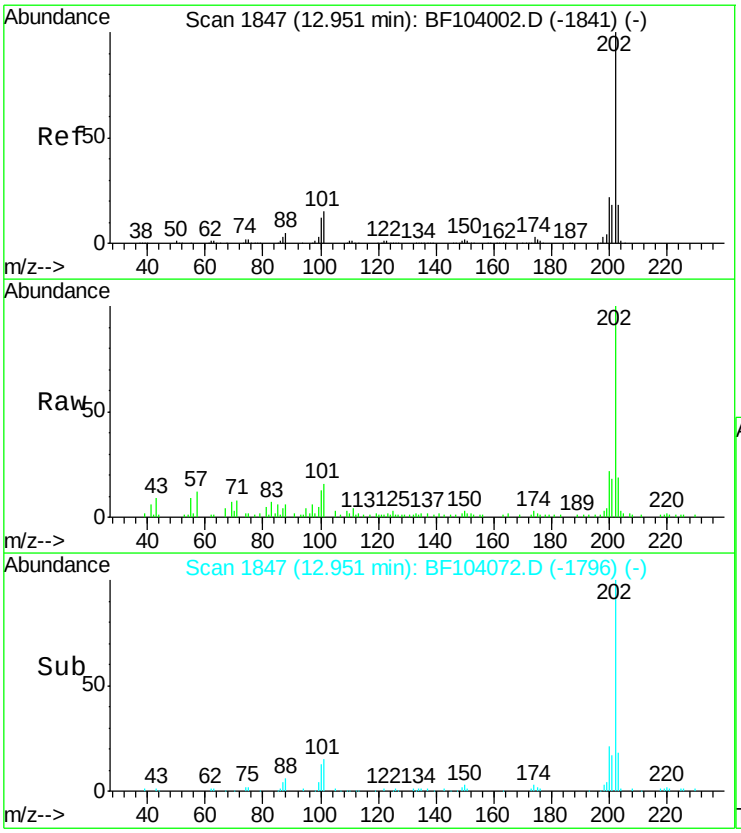
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BF104072.D
Acq: 30 Mar 2018 1:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 186574

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.5	14.3
236	25.6	20.7	31.1

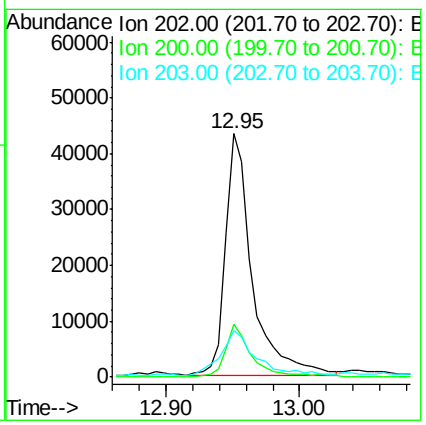


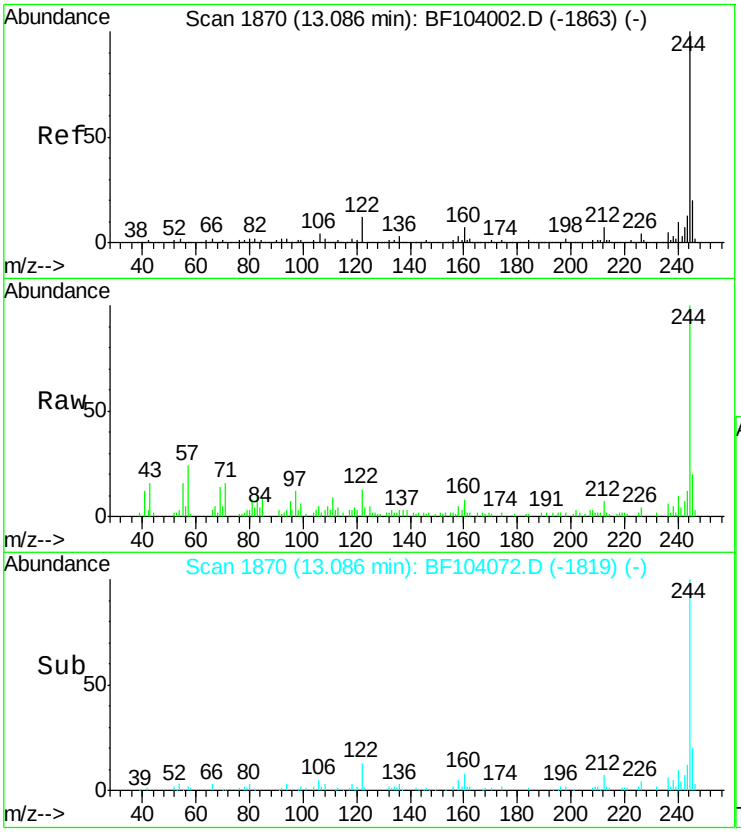


#77
Pyrene
Concen: 4.537 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BF104072.D
Acq: 30 Mar 2018 1:47

Tgt Ion:202 Resp: 60855

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	19.3	14.3	21.5



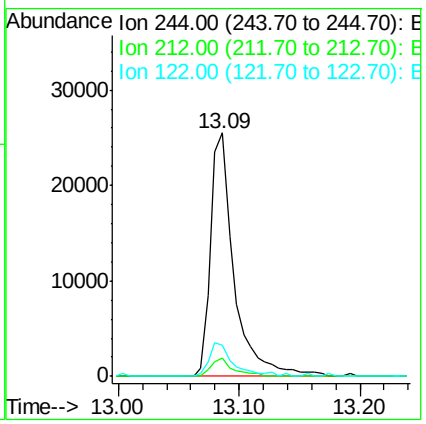


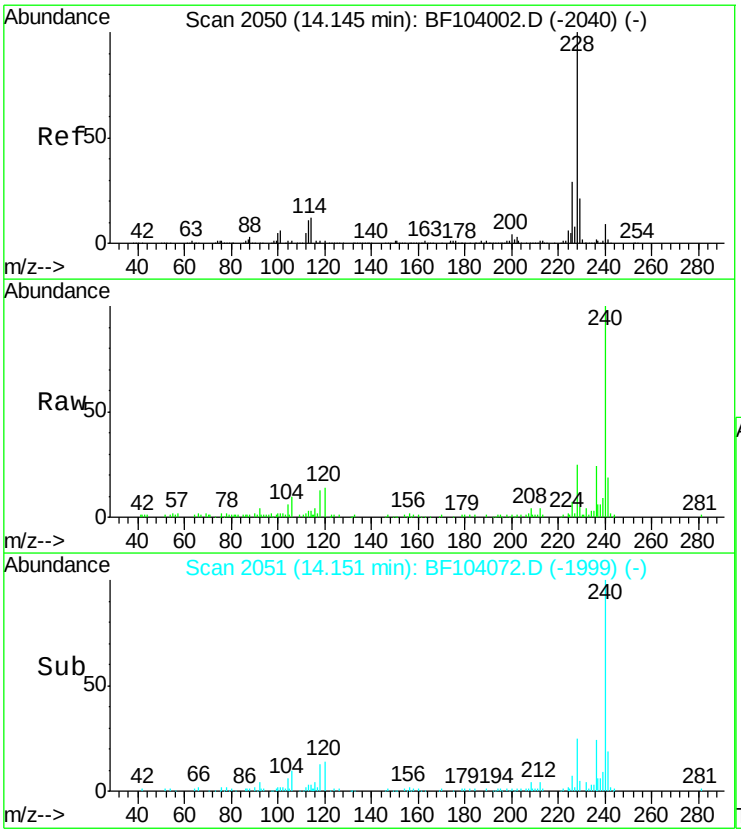
#78
Terphenyl-d14
Concen: 4.221 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BF104072.D
Acq: 30 Mar 2018 1:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 34105

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.0
122	12.8	11.0	16.4

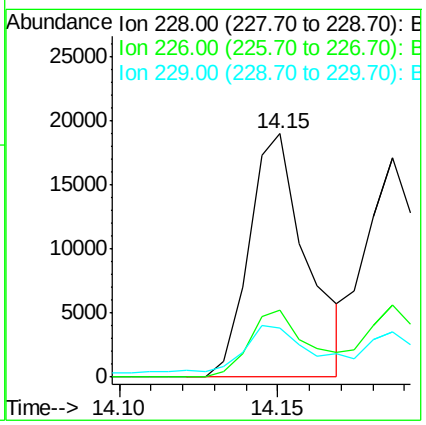


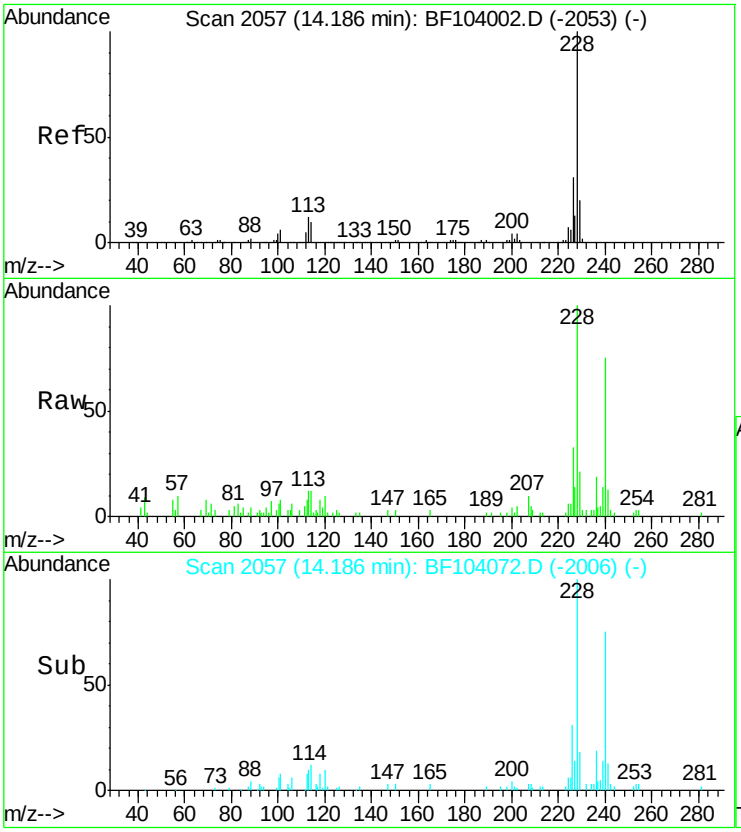


#80
Benzo(a)anthracene
Concen: 2.048 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.01 min
Lab File: BF104072.D
Acq: 30 Mar 2018 1:47

Tgt Ion:228 Resp: 23912

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	20.3	15.8	23.6



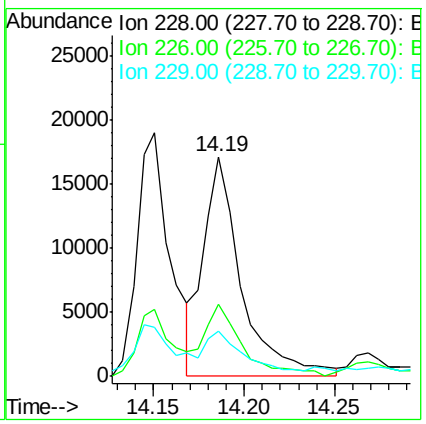


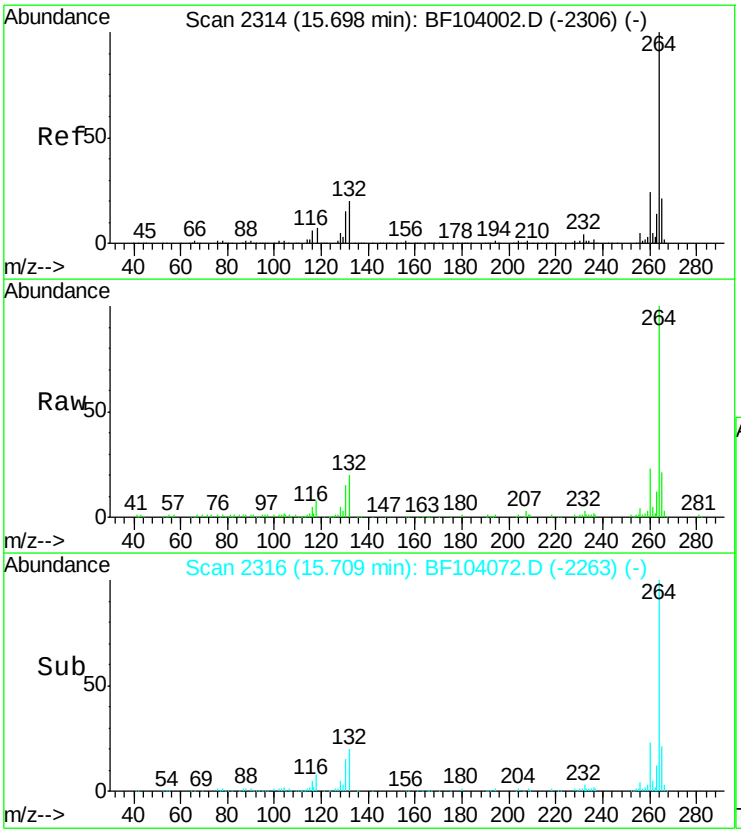
#82
Chrysene
Concen: 2.192 ng
RT: 14.19 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BF104072.D
Acq: 30 Mar 2018 1:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 25068

Ion	Ratio	Lower	Upper
228	100		
226	32.9	25.0	37.6
229	20.7	16.2	24.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2316
Delta R.T. 0.01 min
Lab File: BF104072.D
Acq: 30 Mar 2018 1:47

Tgt Ion:264 Resp: 200562

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.1	17.5	26.3