Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104049.D
Acq On : 29 Mar 2018 14:30
Operator : JU/SJ
Sample : J1756-11 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 29 16:28:07 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	6.97	152	120382	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	518542	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	224794	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	352722	20.00	ng		0.00
75) Chrysene-d12	14.16	240	244053	20.00	ng		0.00
86) Perylene-d12	15.70	264	217835	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	128135	16.97	ng		0.00
7) Phenol-d6	6.60	99	222695	23.98	ng		0.00
23) Nitrobenzene-d5	7.53	82	121856	14.37	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	51125	20.42	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	280776	19.70	ng		0.00
78) Terphenyl-d14	13.08	244	198891	18.82	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.61	77	126	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.54	70	15359	2.787	ng	#	70
25) Isophorone	7.53	82	121856	7.798	ng	#	64
50) 2,6-Dinitrotoluene	10.00	165	30322	7.941	ng	#	26
70) Phenanthrene	11.53	178	176855	9.261	ng		99
71) Anthracene	11.58	178	67585	3.388	ng		99
74) Fluoranthene	12.72	202	249131	12.273	ng		96
77) Pyrene	12.95	202	244033	13.910	ng		98
80) Benzo(a)anthracene	14.14	228	126966	8.314	ng		97
82) Chrysene	14.18	228	96394	6.445	ng		97
85) Indeno(1,2,3-cd)pyrene	17.29	276	39326	2.537	ng	#	90
87) Benzo(b)fluoranthene	15.24	252	150679	11.366	ng	#	91
88) Benzo(k)fluoranthene	15.24	252	150679	12.066	ng		94
89) Benzo(a)pyrene	15.63	252	86261	7.021	ng	#	93
91) Benzo(g,h,i)perylene	17.77	276	35987	3.163	ng	#	90

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104049.D
Acq On : 29 Mar 2018 14:30
Operator : JU/SJ
Sample : J1756-11 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

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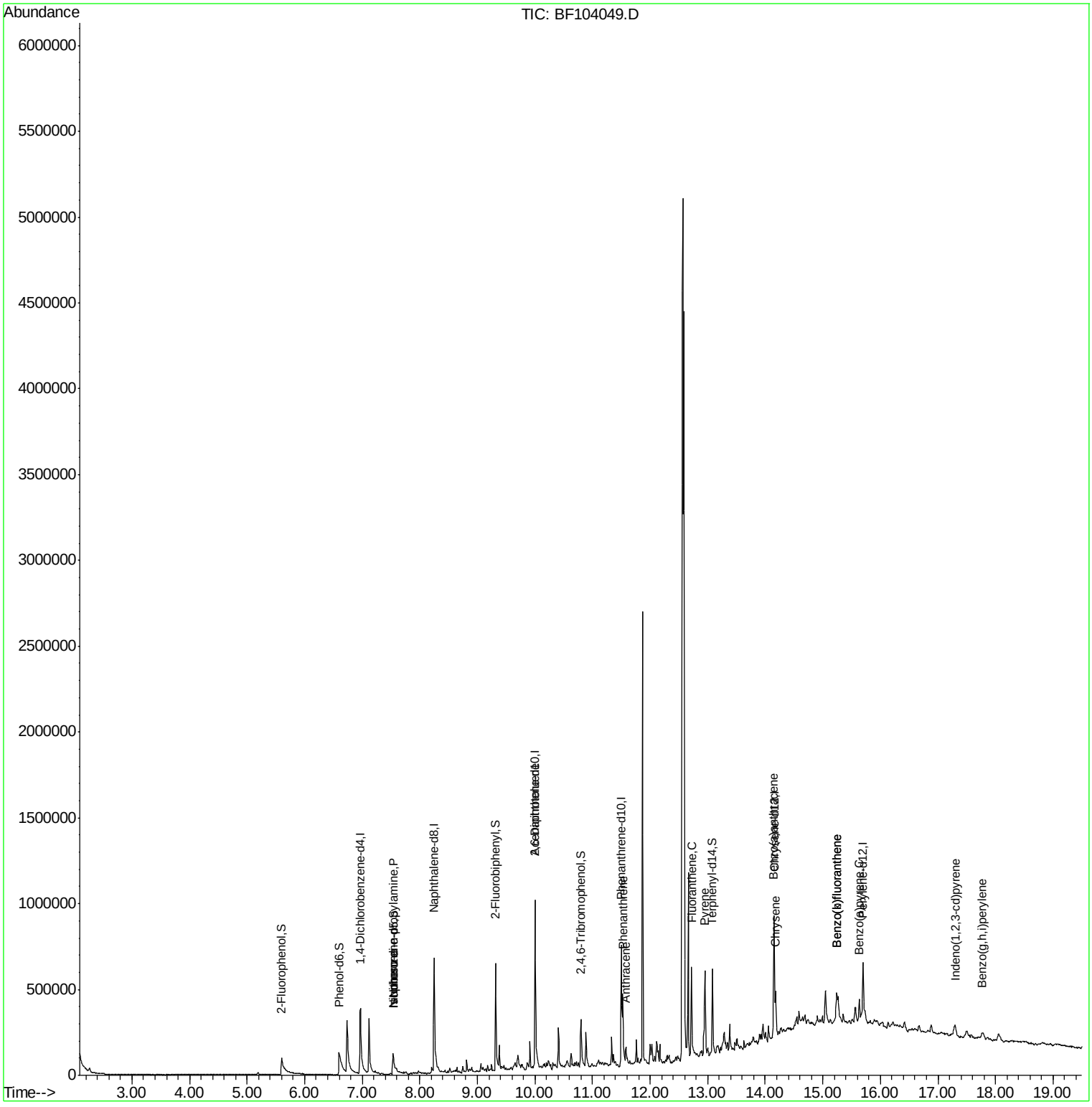
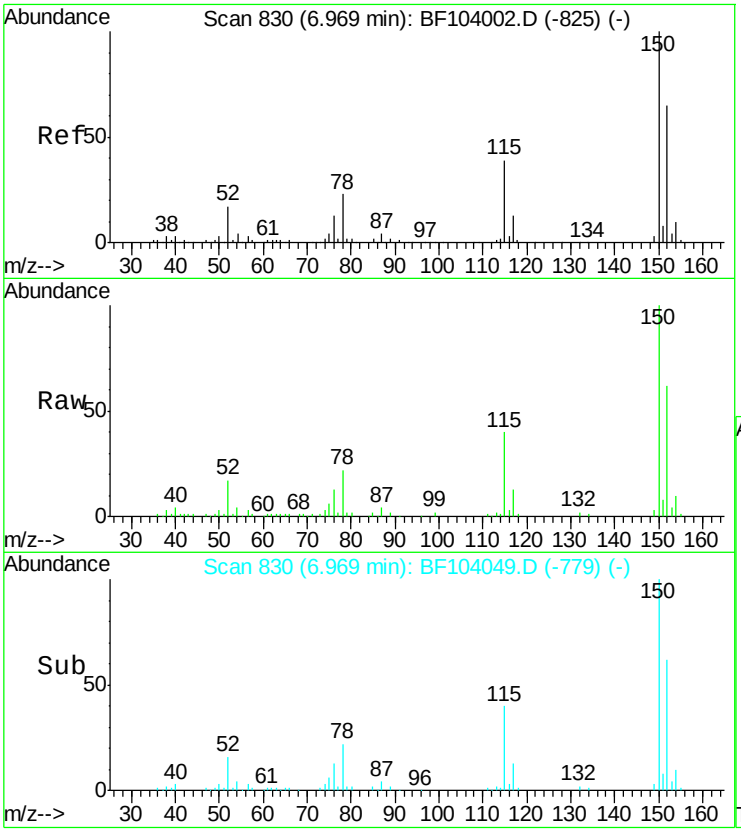


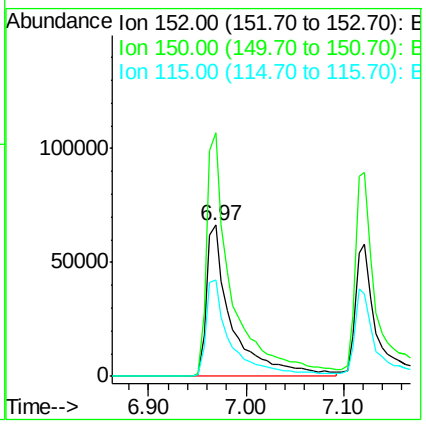


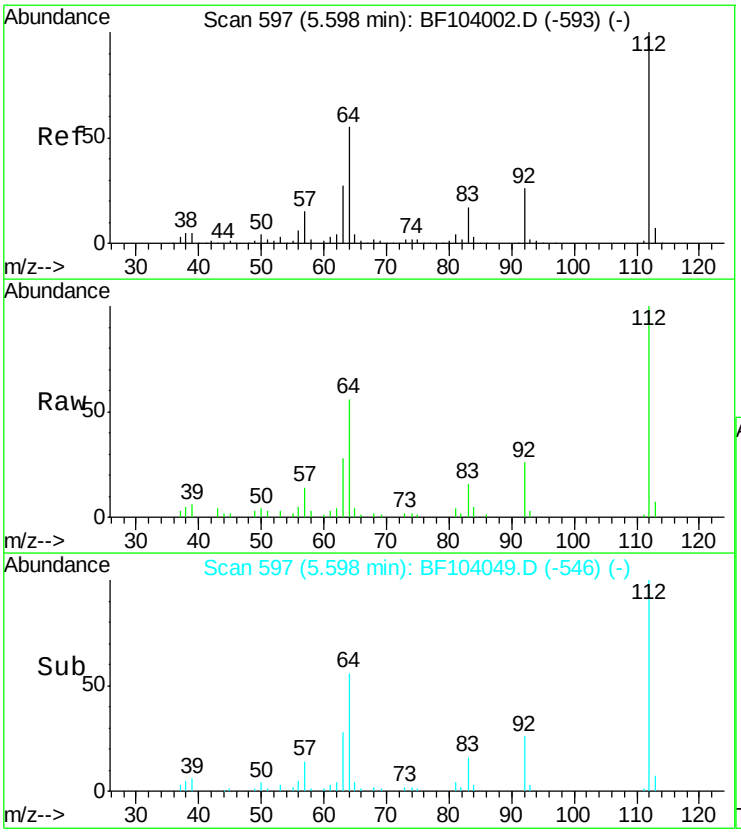
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF104049.D
Acq: 29 Mar 2018 14:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 120382

Ion	Ratio	Lower	Upper
152	100		
150	161.4	124.6	186.8
115	64.2	50.1	75.1

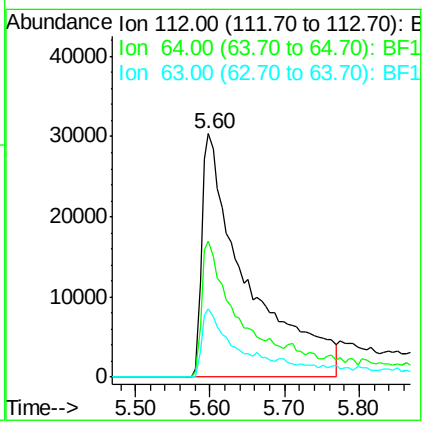


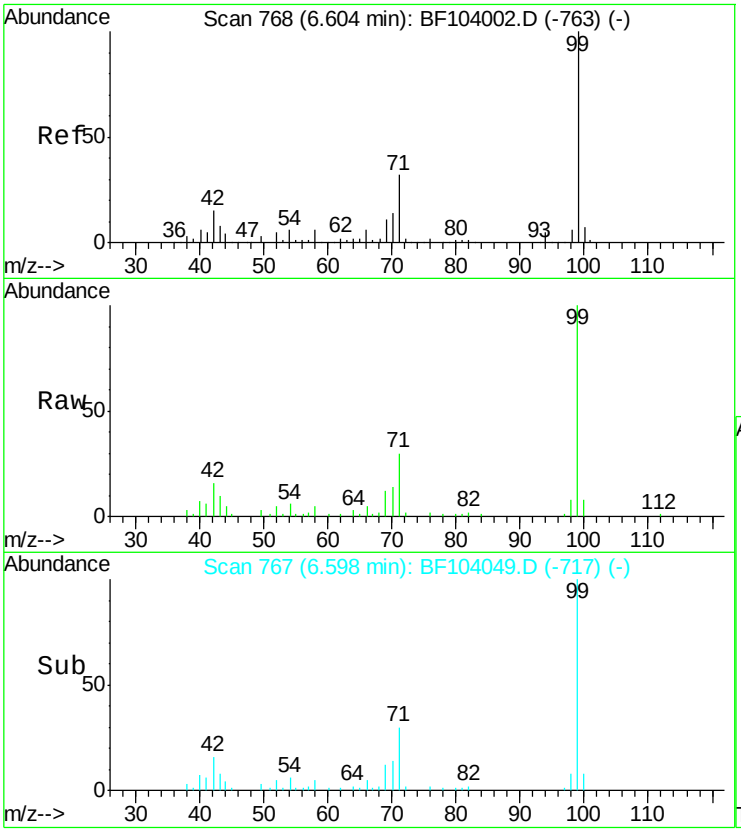


#5
2-Fluorophenol
Concen: 16.975 ng
RT: 5.60 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF104049.D
Acq: 29 Mar 2018 14:30

Tgt Ion:112 Resp: 128135

Ion	Ratio	Lower	Upper
112	100		
64	55.7	47.9	71.9
63	27.8	23.7	35.5



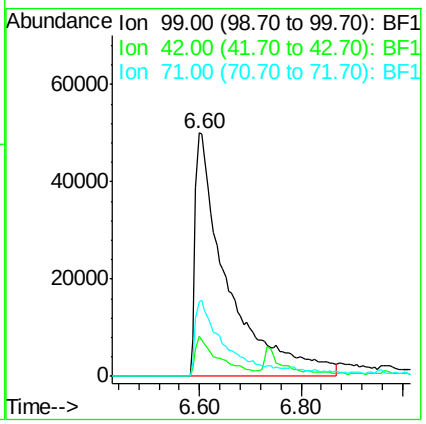


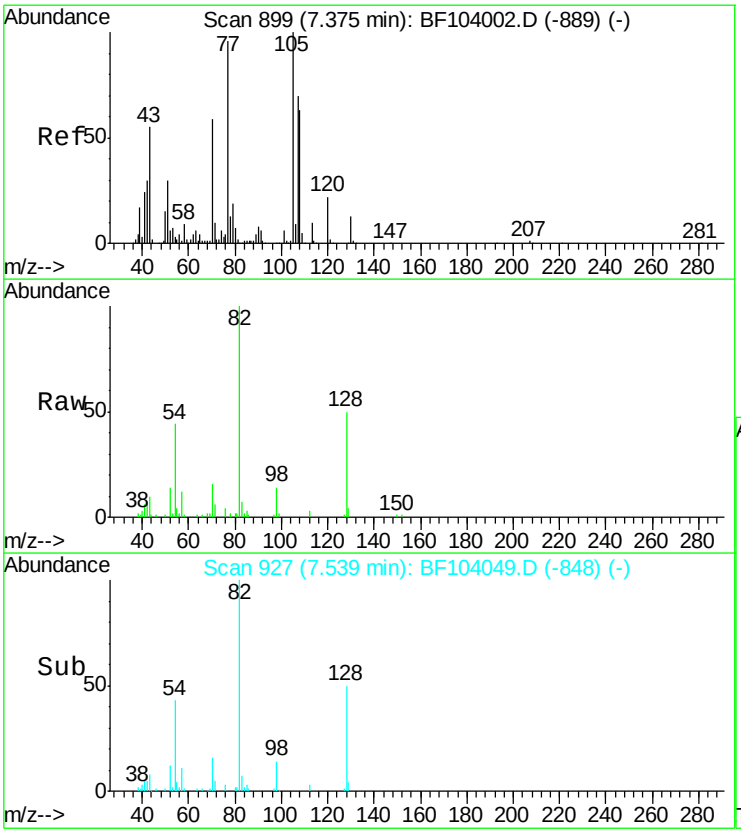
#7
Phenol-d6
Concen: 23.979 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF104049.D
Acq: 29 Mar 2018 14:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 222695

Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.5	21.7
71	30.4	25.4	38.0

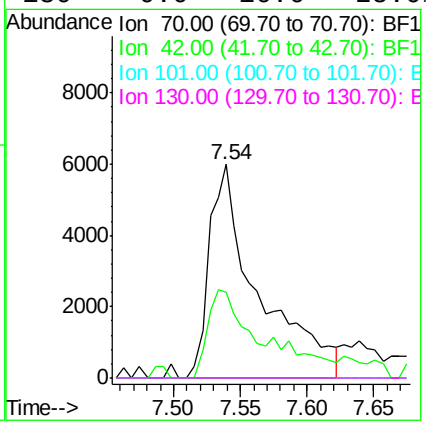


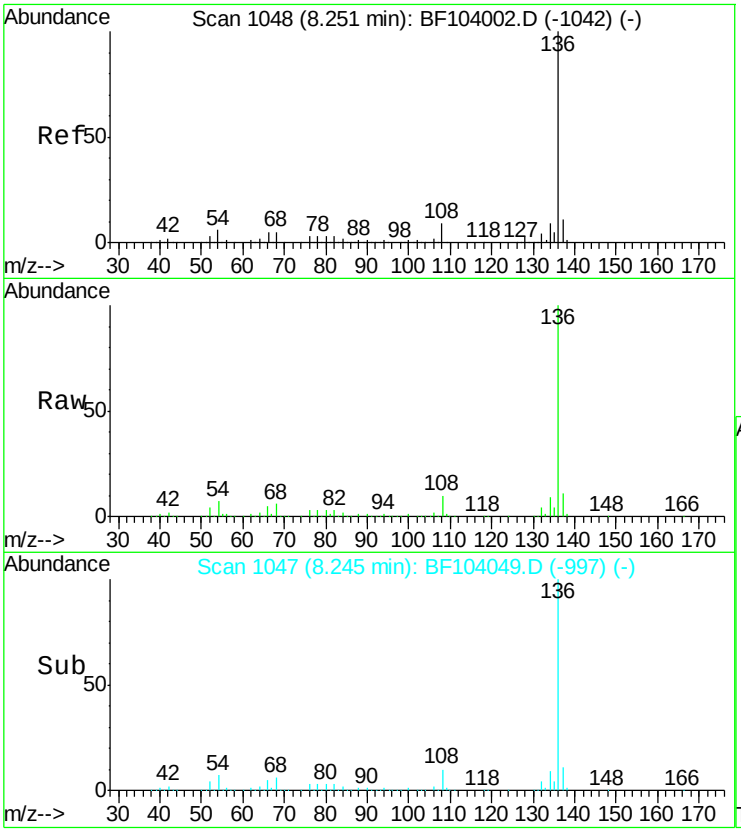


#19
n-Nitroso-di-n-propylamine
Concen: 2.787 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.16 min
Lab File: BF104049.D
Acq: 29 Mar 2018 14:30

Tgt Ion: 70 Resp: 15359

Ion	Ratio	Lower	Upper
70	100		
42	40.1	47.5	71.3#
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#



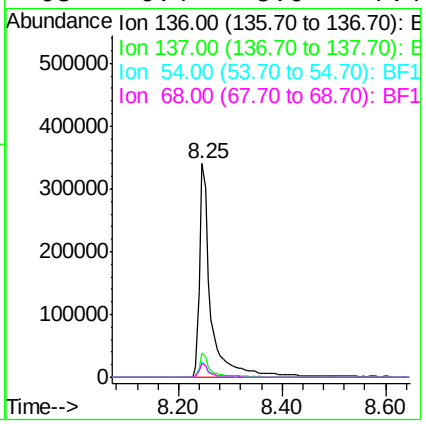


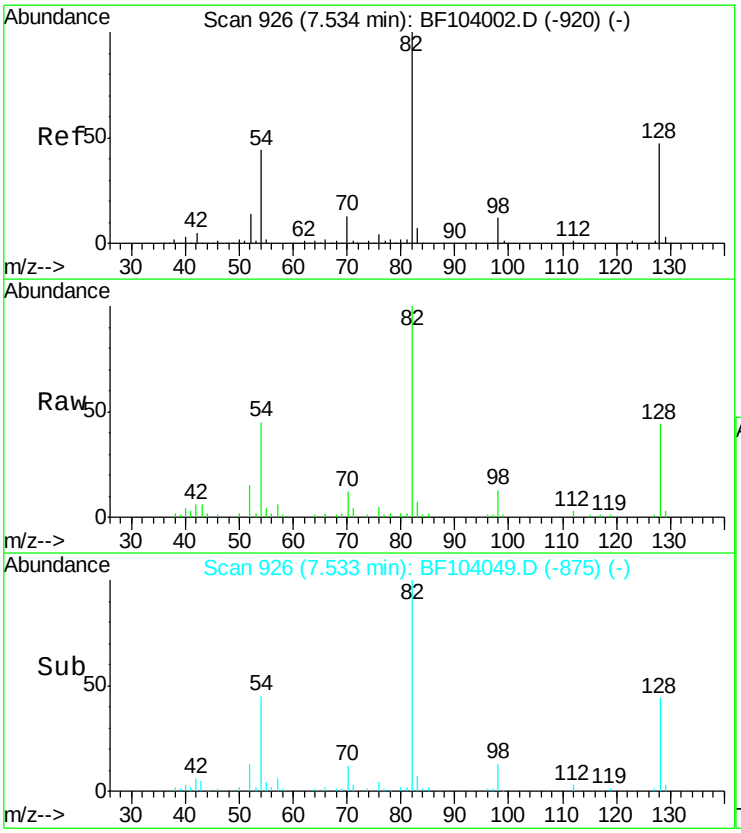
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF104049.D
Acq: 29 Mar 2018 14:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 518542

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.9	6.6	9.8
68	6.4	5.0	7.4

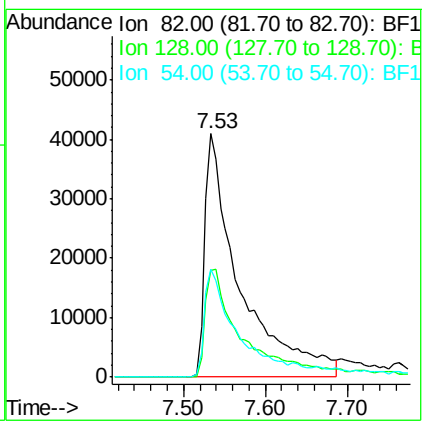


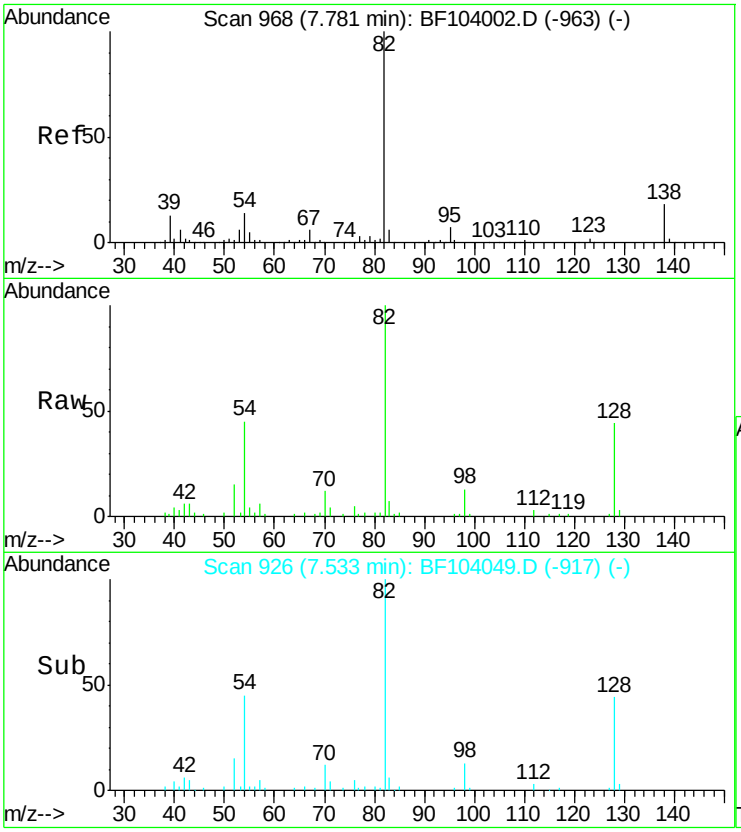


#23
Nitrobenzene-d5
Concen: 14.371 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF104049.D
Acq: 29 Mar 2018 14:30

Tgt Ion: 82 Resp: 121856

Ion	Ratio	Lower	Upper
82	100		
128	44.0	36.1	54.1
54	44.5	41.4	62.2



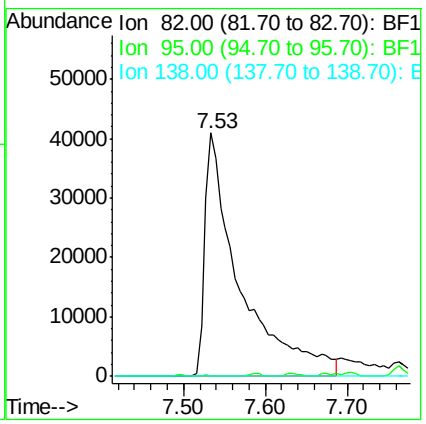


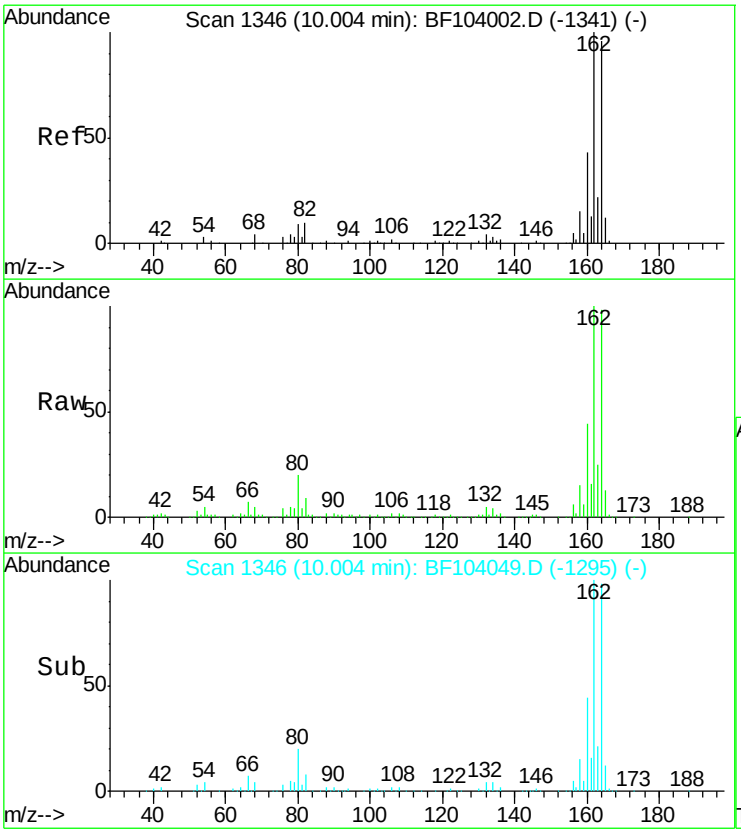
#25
Isophorone
Concen: 7.798 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.25 min
Lab File: BF104049.D
Acq: 29 Mar 2018 14:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 121856

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

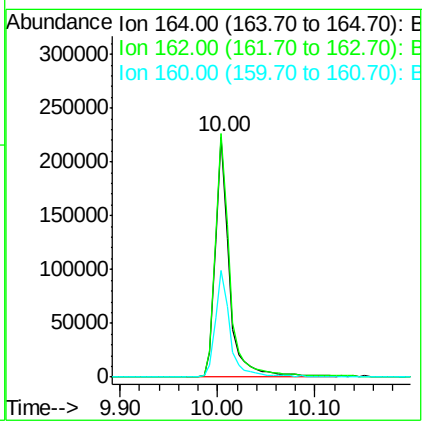


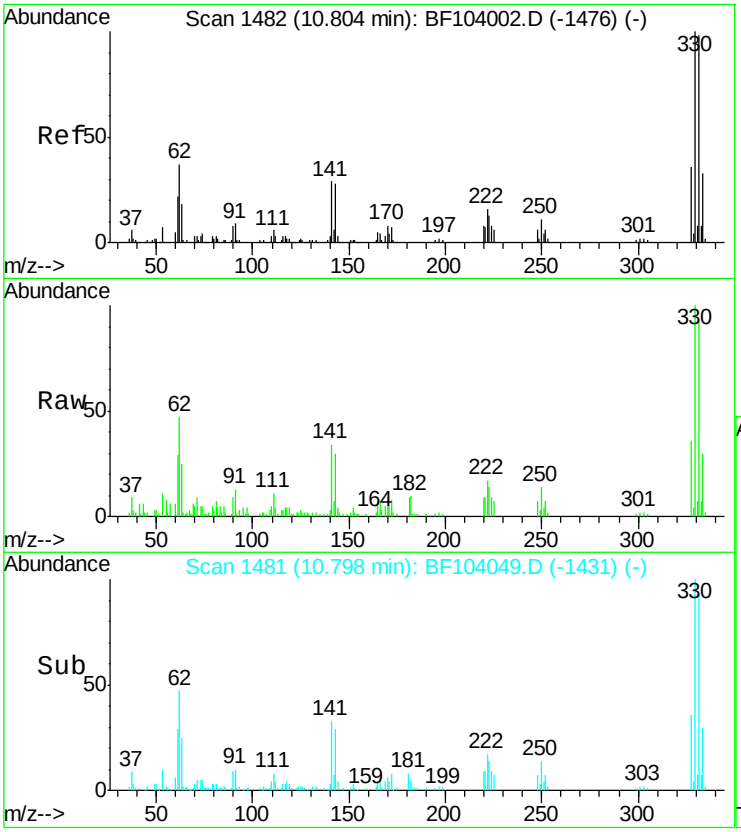


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF104049.D
Acq: 29 Mar 2018 14:30

Tgt Ion:164 Resp: 224794

Ion	Ratio	Lower	Upper
164	100		
162	101.6	86.1	129.1
160	44.6	38.3	57.5



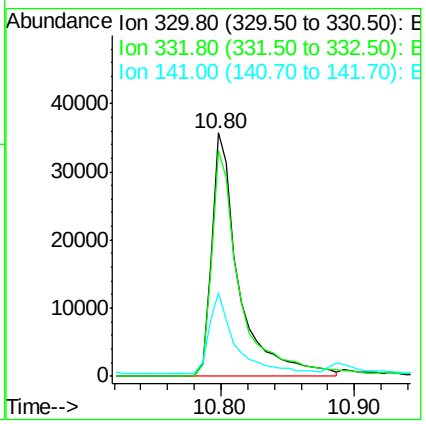


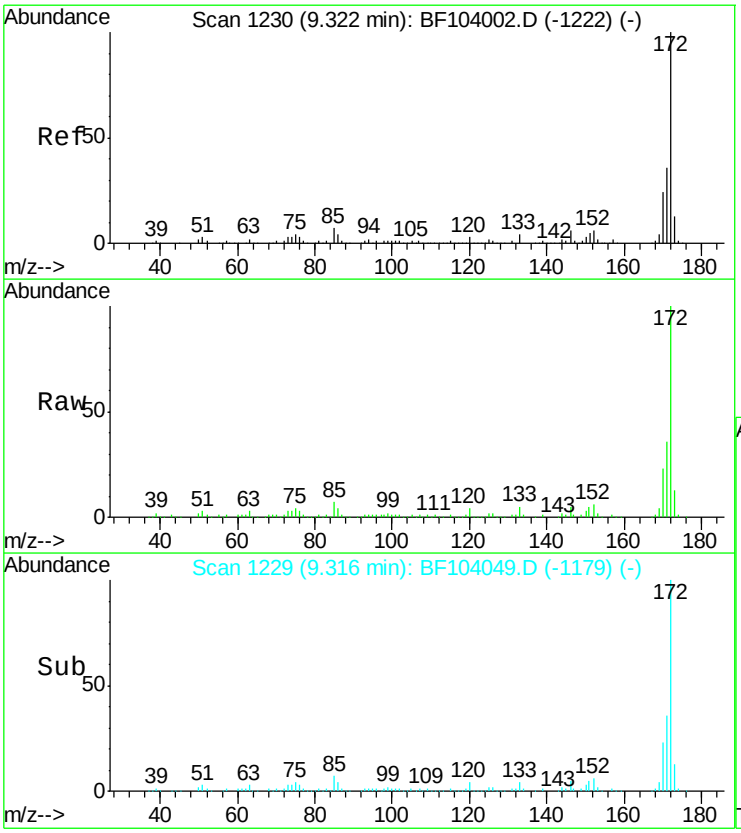
#41
2,4,6-Tribromophenol
Concen: 20.425 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BF104049.D
Acq: 29 Mar 2018 14:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 51125

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	32.0	29.9	44.9

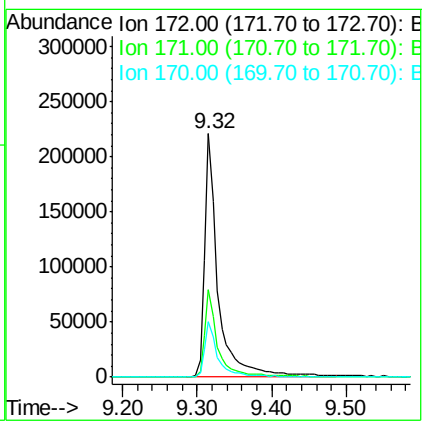


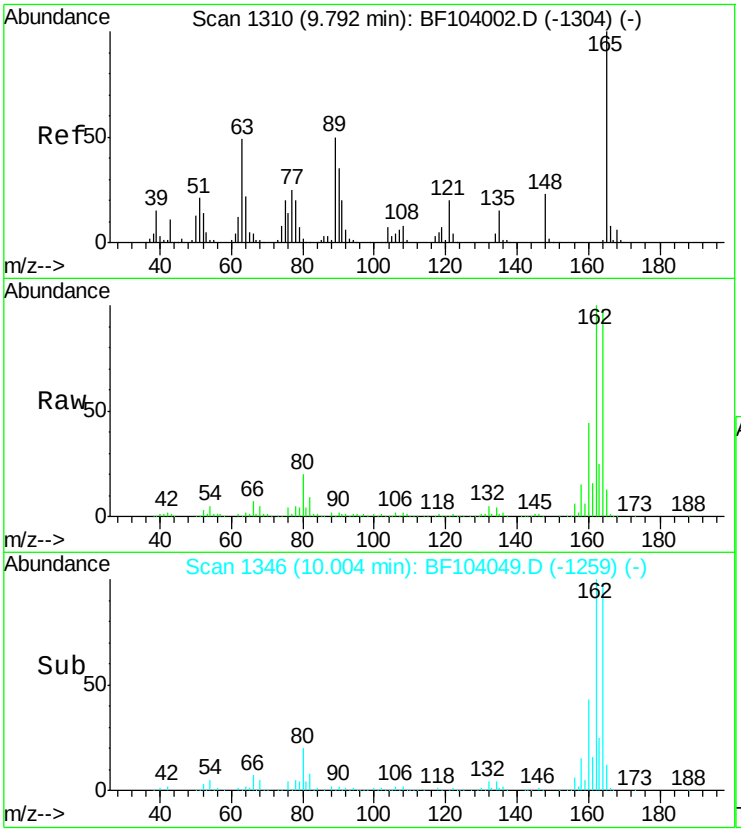


#44
2-Fluorobiphenyl
Concen: 19.696 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF104049.D
Acq: 29 Mar 2018 14:30

Tgt Ion:172 Resp: 280776

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	22.8	19.6	29.4



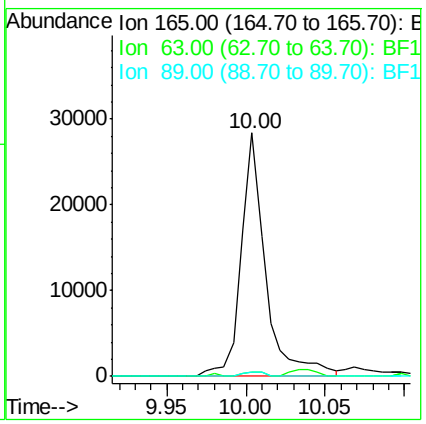


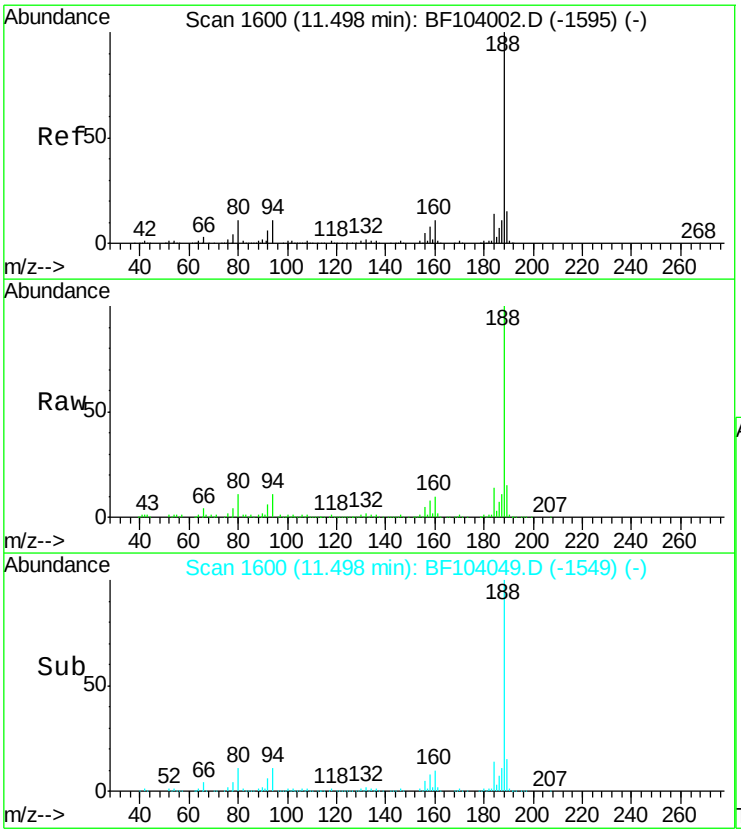
#50
2,6-Dinitrotoluene
Concen: 7.941 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.21 min
Lab File: BF104049.D
Acq: 29 Mar 2018 14:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 30322

Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.7	67.1#
89	1.6	44.0	66.0#

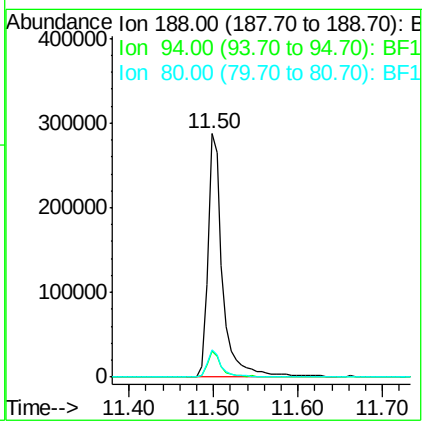


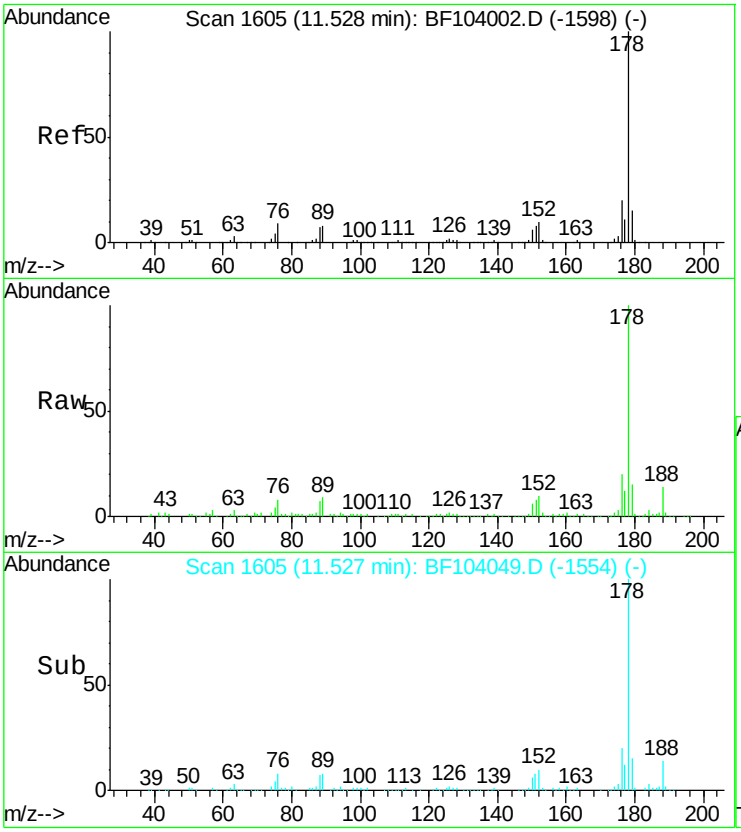


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104049.D
Acq: 29 Mar 2018 14:30

Tgt Ion:188 Resp: 352722

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.4	9.2	13.8



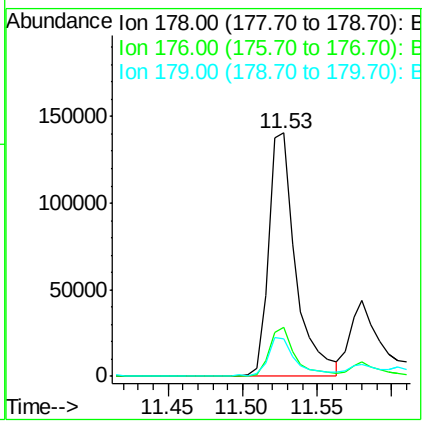


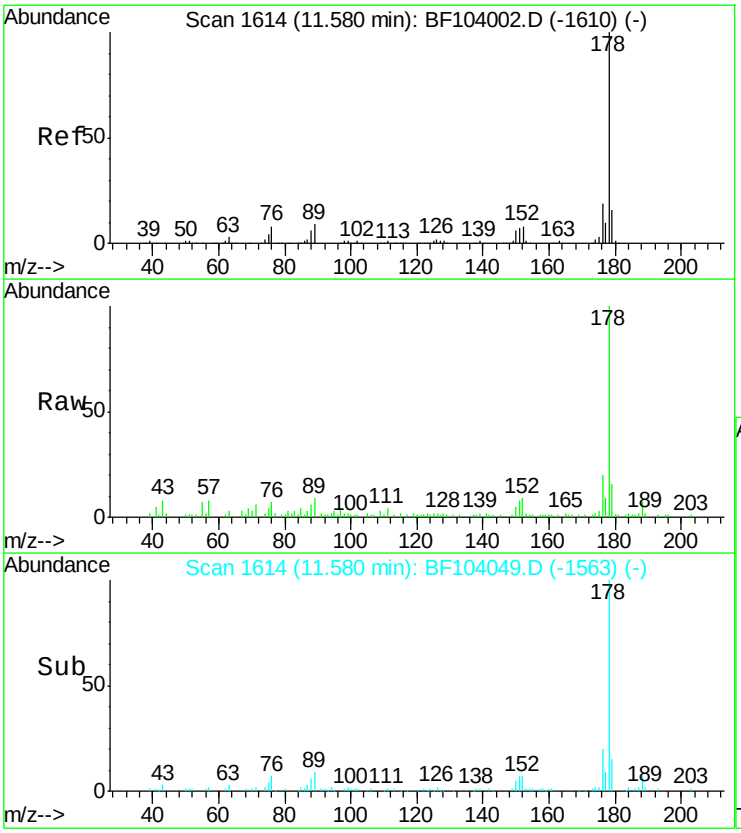
#70
Phenanthrene
Concen: 9.261 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.00 min
Lab File: BF104049.D
Acq: 29 Mar 2018 14:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 176855

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.4	13.0	19.6

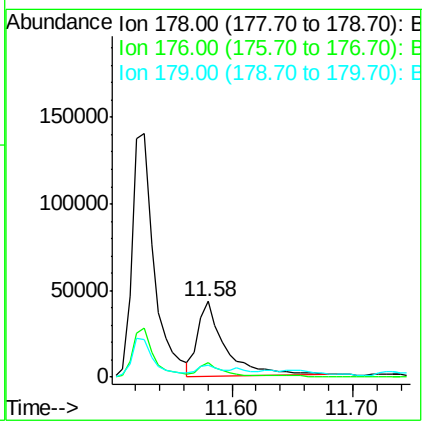


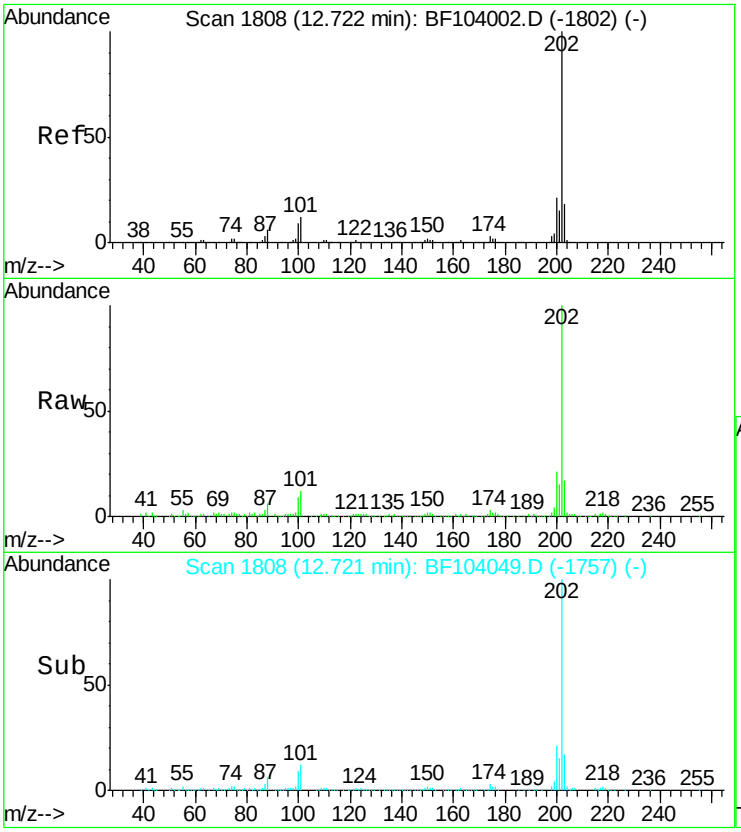


#71
Anthracene
Concen: 3.388 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.00 min
Lab File: BF104049.D
Acq: 29 Mar 2018 14:30

Tgt Ion:178 Resp: 67585

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	16.3	12.6	19.0



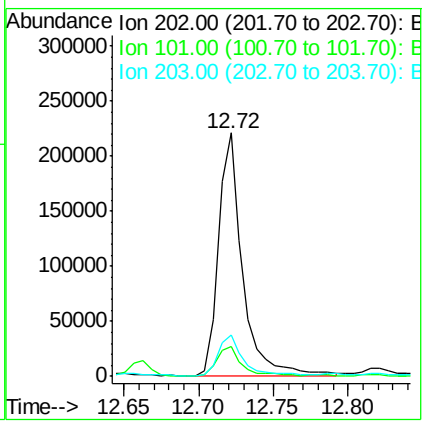


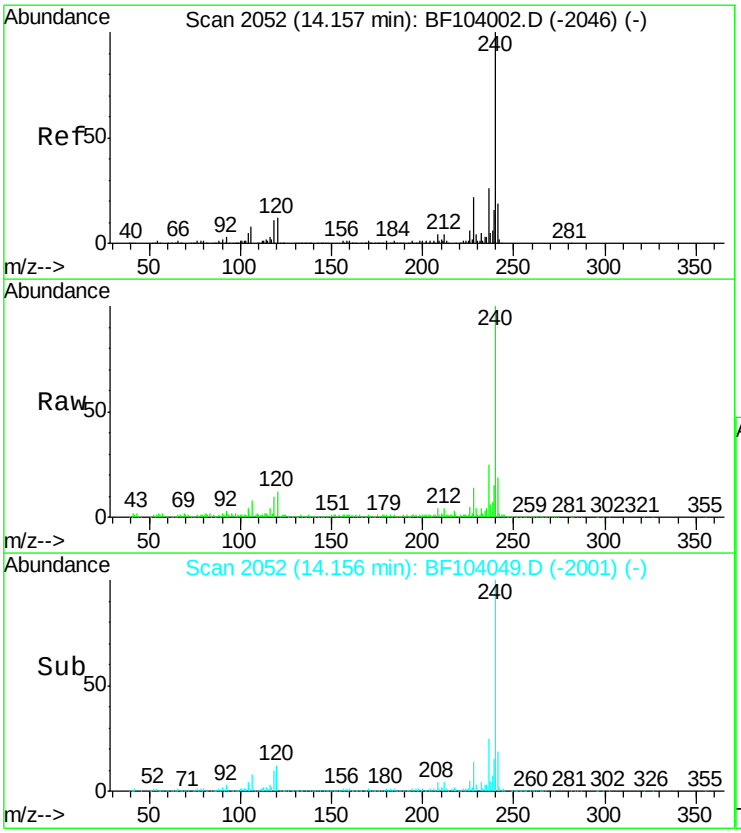
#74
Fluoranthene
Concen: 12.273 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.00 min
Lab File: BF104049.D
Acq: 29 Mar 2018 14:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 249131

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	34.1
203	17.0	0.0	38.1

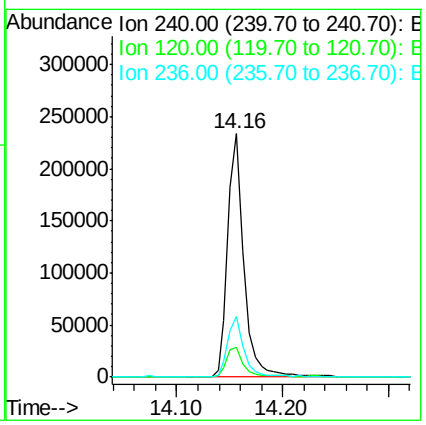


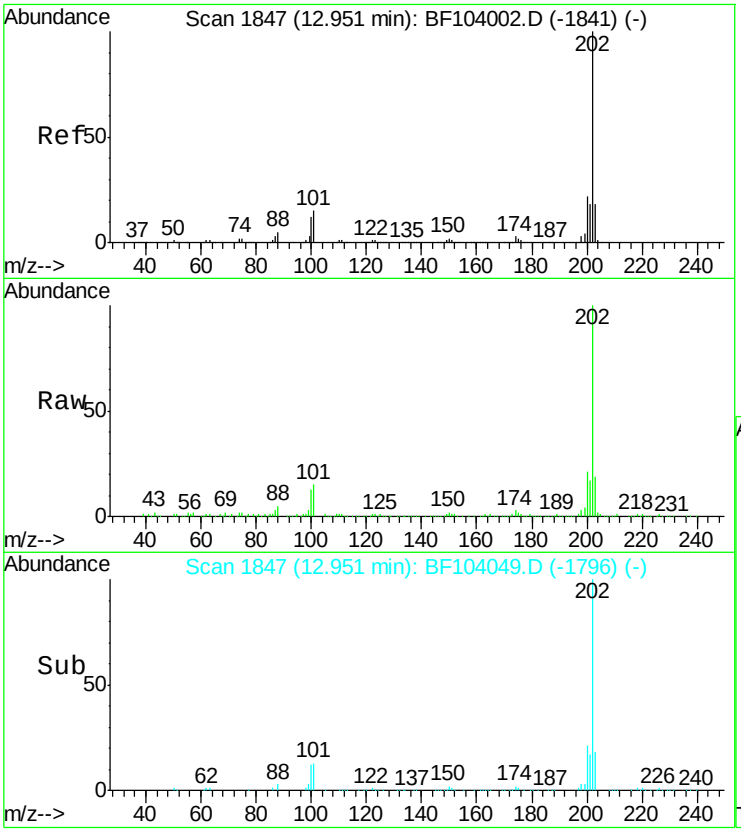


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BF104049.D
Acq: 29 Mar 2018 14:30

Tgt Ion:240 Resp: 244053

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.5	14.3
236	24.9	20.7	31.1



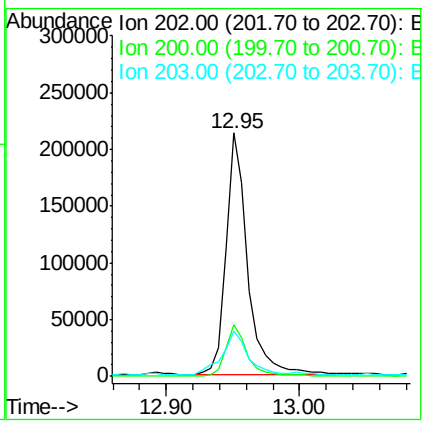


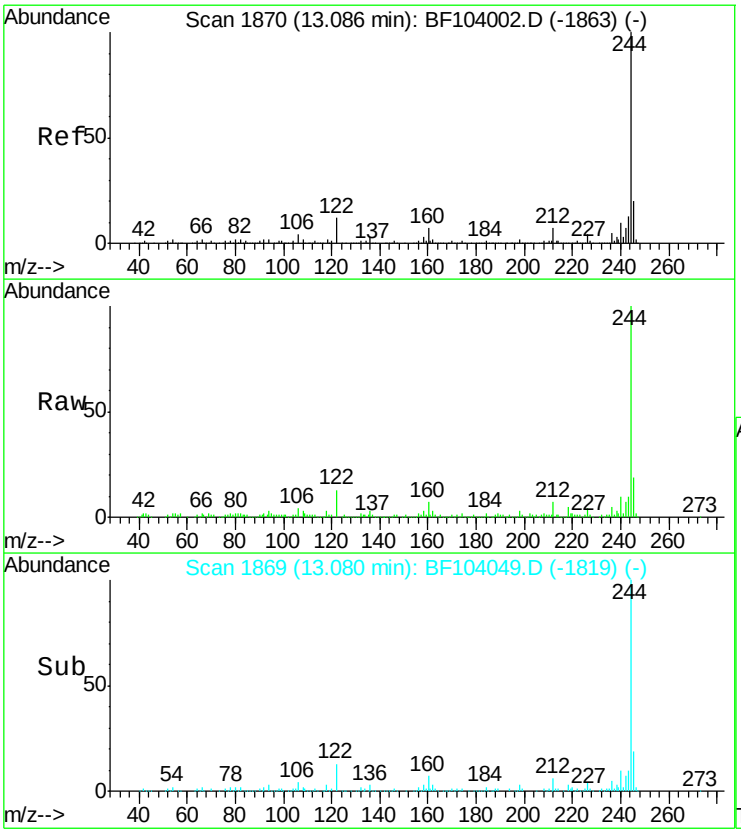
#77
Pyrene
Concen: 13.910 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BF104049.D
Acq: 29 Mar 2018 14:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 244033

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	18.8	14.3	21.5

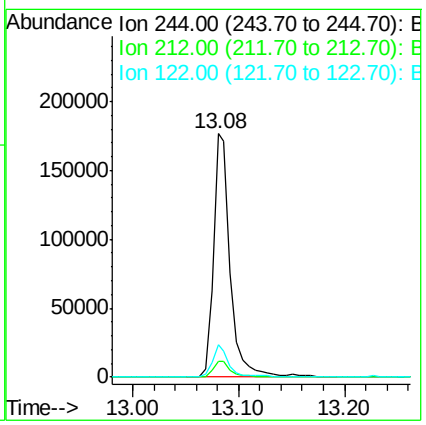


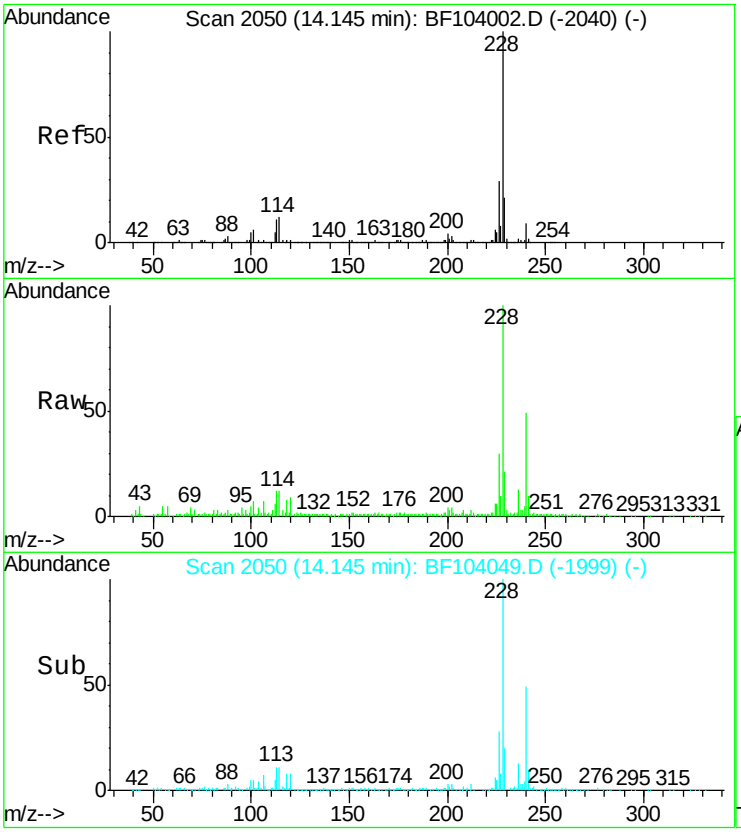


#78
Terphenyl-d14
Concen: 18.817 ng
RT: 13.08 min Scan# 1869
Delta R.T. -0.01 min
Lab File: BF104049.D
Acq: 29 Mar 2018 14:30

Tgt Ion:244 Resp: 198891

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	13.1	11.0	16.4



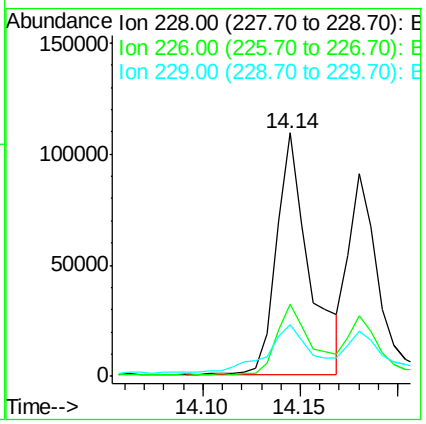


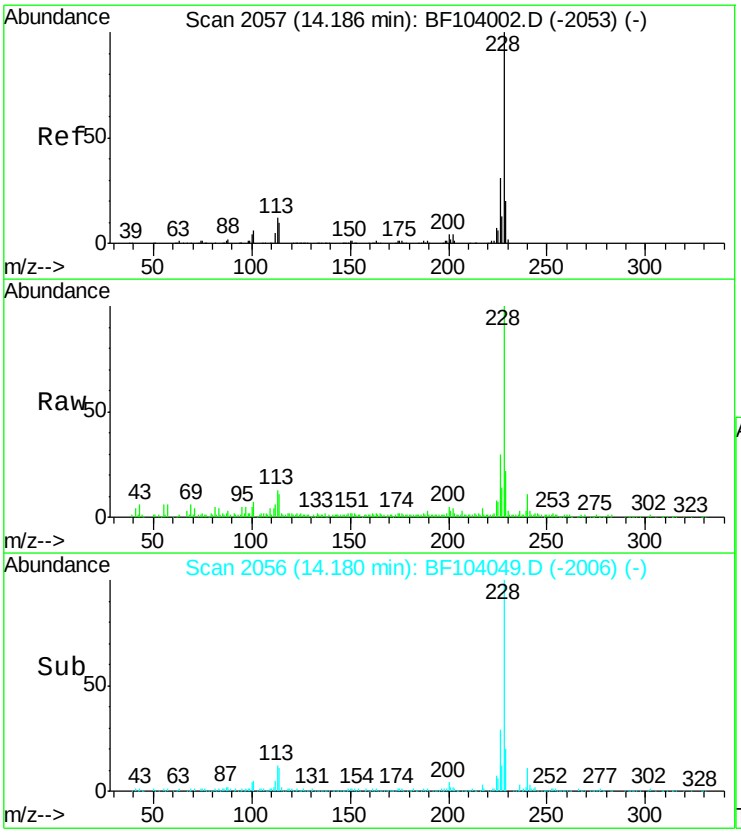
#80
Benzo(a)anthracene
Concen: 8.314 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.00 min
Lab File: BF104049.D
Acq: 29 Mar 2018 14:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 126966

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.6	33.8
229	21.3	15.8	23.6

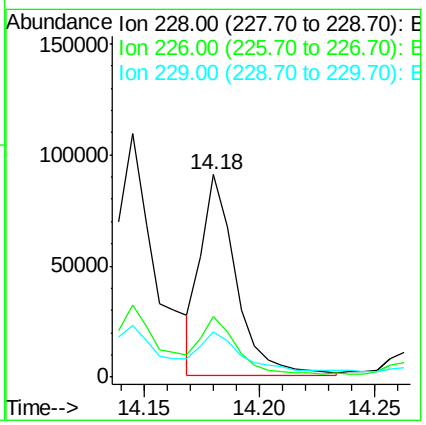


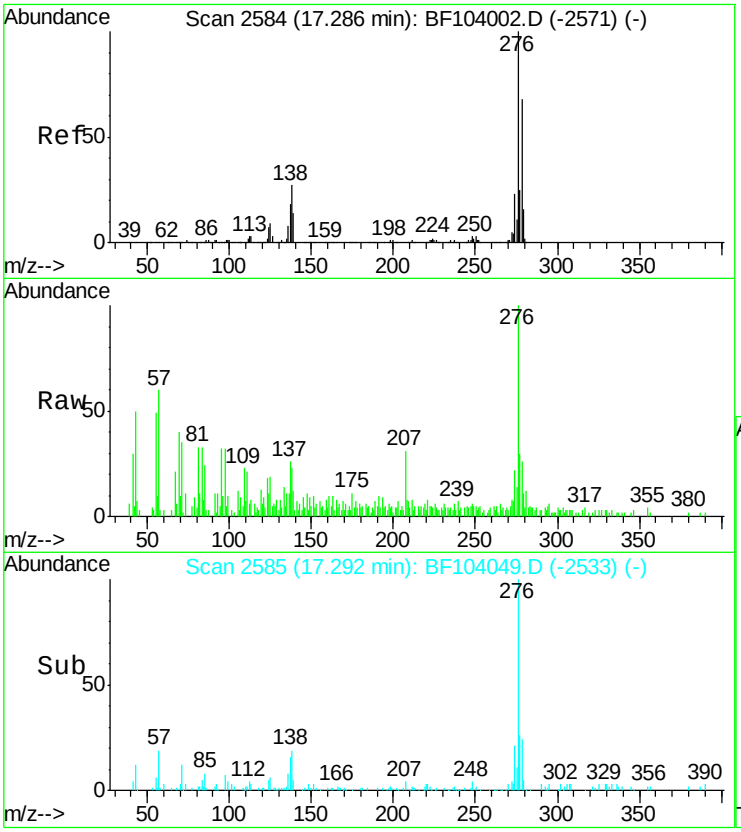


#82
Chrysene
Concen: 6.445 ng
RT: 14.18 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BF104049.D
Acq: 29 Mar 2018 14:30

Tgt Ion:228 Resp: 96394

Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	22.3	16.2	24.4



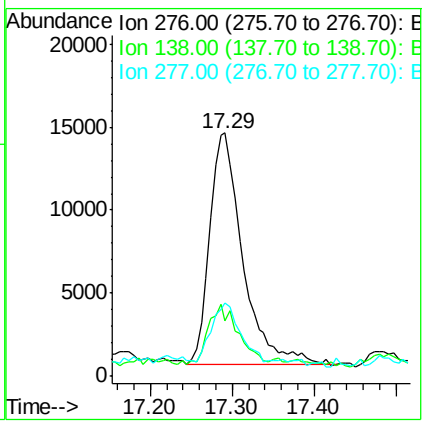


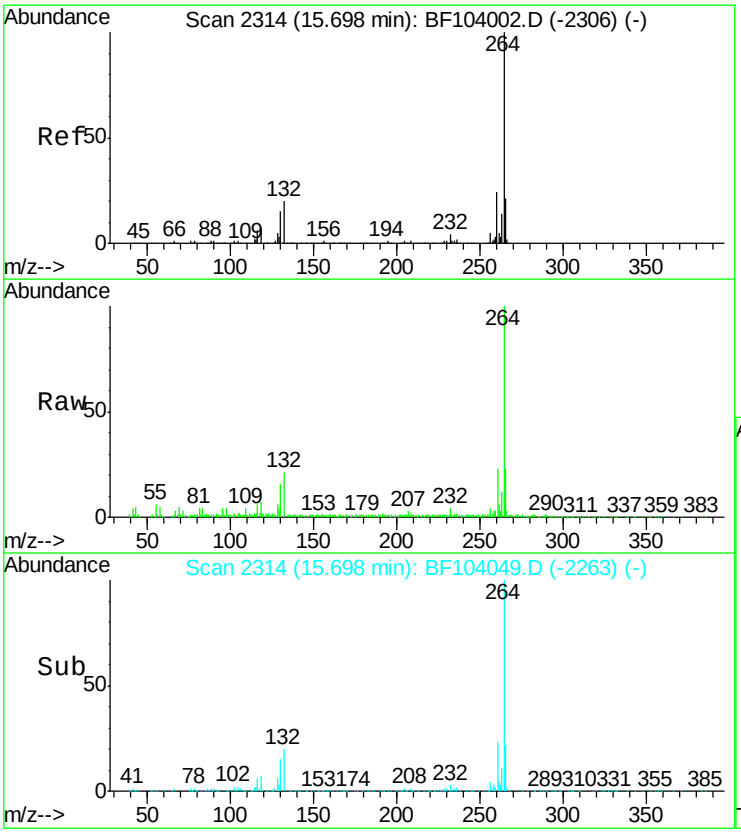
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.537 ng
RT: 17.29 min Scan# 2585
Delta R.T. 0.01 min
Lab File: BF104049.D
Acq: 29 Mar 2018 14:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 39326

Ion	Ratio	Lower	Upper
276	100		
138	24.4	25.0	37.6#
277	21.6	20.1	30.1

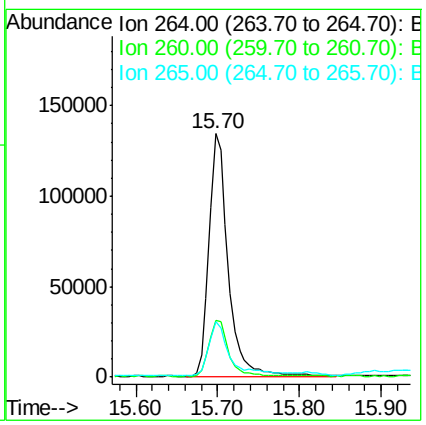


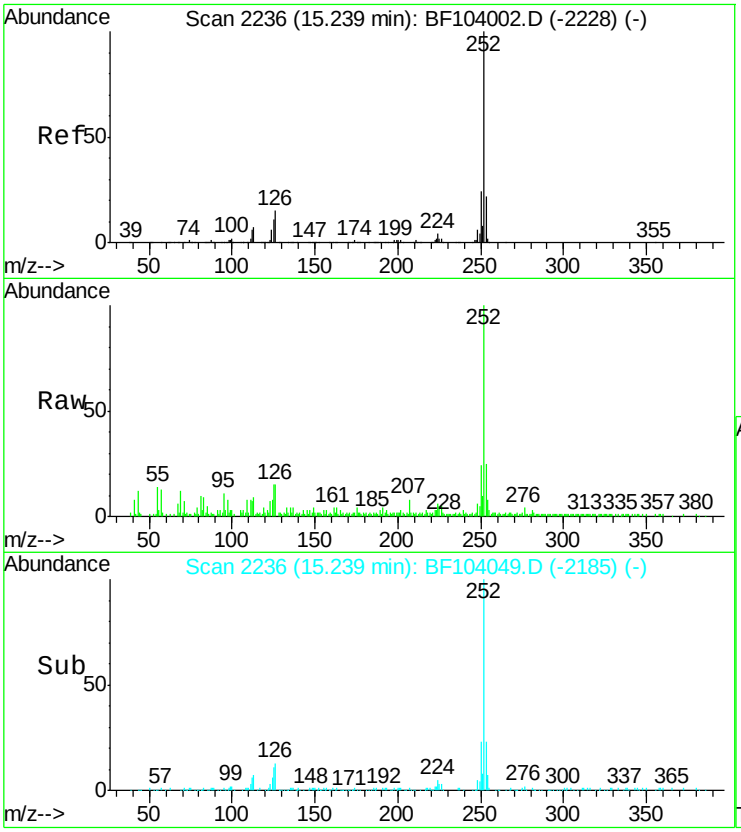


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BF104049.D
Acq: 29 Mar 2018 14:30

Tgt Ion:264 Resp: 217835

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.6	17.5	26.3



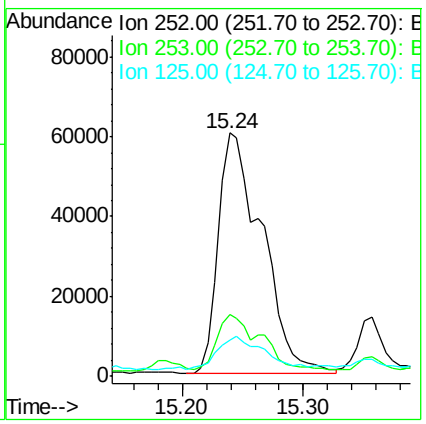


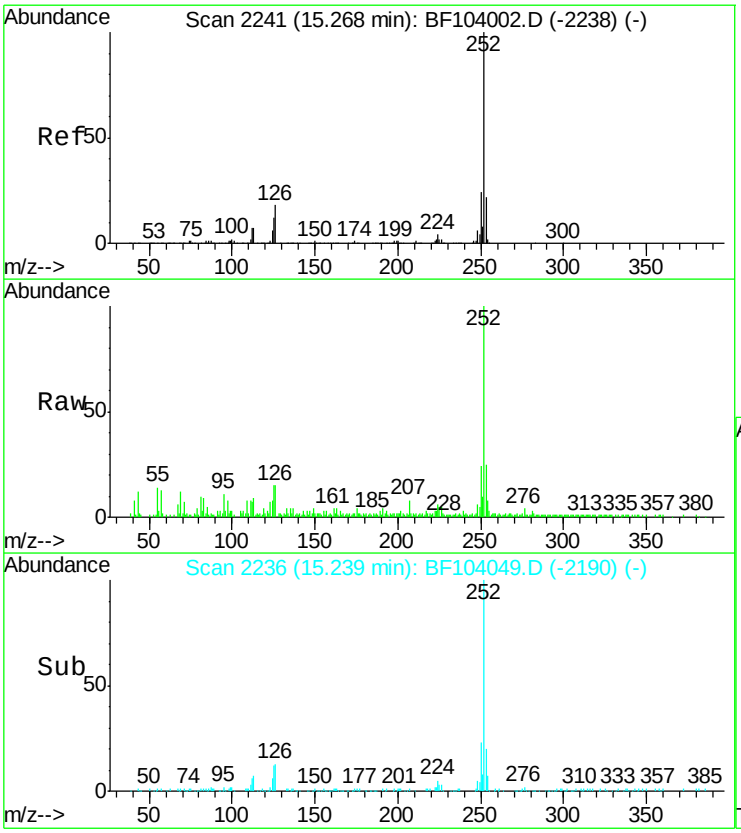
#87
Benzo(b)fluoranthene
Concen: 11.366 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF104049.D
Acq: 29 Mar 2018 14:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 150679

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.0	25.6
125	15.0	9.0	13.6#

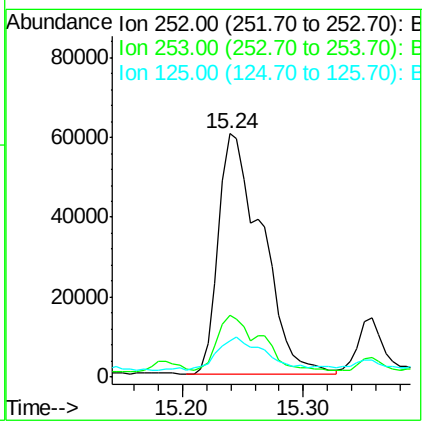


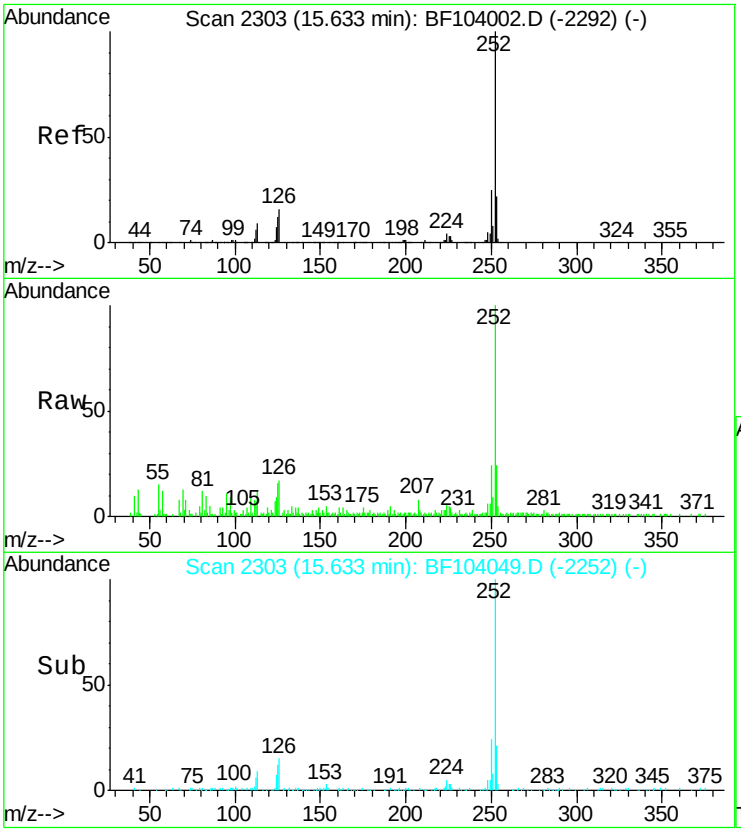


#88
Benzo(k)fluoranthene
Concen: 12.066 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.03 min
Lab File: BF104049.D
Acq: 29 Mar 2018 14:30

Tgt Ion:252 Resp: 150679

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.9	26.9
125	15.0	10.2	15.2



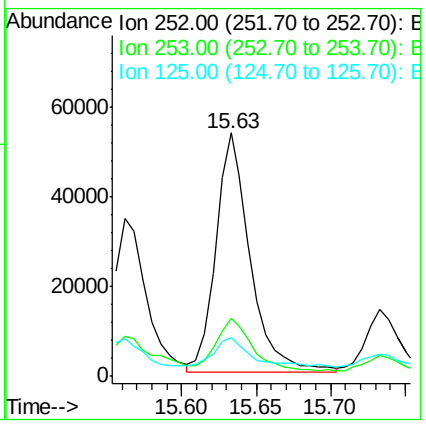


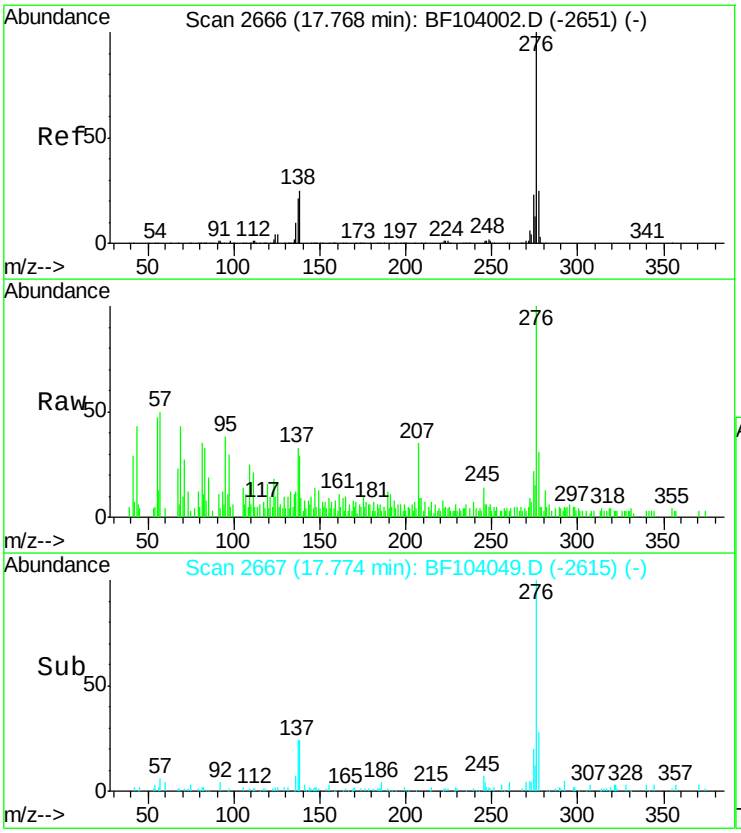
#89
Benzo(a)pyrene
Concen: 7.021 ng
RT: 15.63 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BF104049.D
Acq: 29 Mar 2018 14:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 86261

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	15.9	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 3.163 ng
RT: 17.77 min Scan# 2667
Delta R.T. 0.01 min
Lab File: BF104049.D
Acq: 29 Mar 2018 14:30

Tgt Ion:276 Resp: 35987

Ion	Ratio	Lower	Upper
276	100		
277	30.5	17.9	26.9#
138	29.2	21.8	32.8