Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
Data File : BF103963.D
Acq On : 27 Mar 2018 9:00
Operator : JU/SJ
Sample : J2040-05 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 27 11:52:46 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	126171	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	498484	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	217382	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	349591	20.00	ng		0.00
75) Chrysene-d12	14.16	240	248197	20.00	ng		0.00
86) Perylene-d12	15.70	264	231158	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	82009	9.89	ng		0.00
7) Phenol-d6	6.59	99	103766	10.22	ng		-0.01
23) Nitrobenzene-d5	7.53	82	57967	8.11	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	19501	10.43	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	127096	9.33	ng		0.00
78) Terphenyl-d14	13.09	244	102697	9.60	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.53	82	57966	3.503	ng	#	64
47) 2-Nitroaniline	9.33	65	112	6.840	ng	#	19
50) 2,6-Dinitrotoluene	10.02	165	26897	11.671	ng	#	26
55) 4-Nitrophenol	10.22	139	2446	5.725	ng	#	9
56) 2,4-Dinitrotoluene	10.02	165	27007	11.998	ng	#	24
70) Phenanthrene	11.53	178	152364	7.967	ng		98
71) Anthracene	11.58	178	45767	2.356	ng		99
74) Fluoranthene	12.73	202	179834	9.128	ng		97
77) Pyrene	12.96	202	140388	7.702	ng		99
80) Benzo(a)anthracene	14.15	228	71040	4.522	ng		99
82) Chrysene	14.19	228	55026	3.674	ng		97
87) Benzo(b)fluoranthene	15.24	252	88370	6.051	ng	#	96
88) Benzo(k)fluoranthene	15.24	252	88370	6.295	ng		95
89) Benzo(a)pyrene	15.63	252	42196	3.186	ng	#	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
Data File : BF103963.D
Acq On : 27 Mar 2018 9:00
Operator : JU/SJ
Sample : J2040-05 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 27 11:52:46 2018
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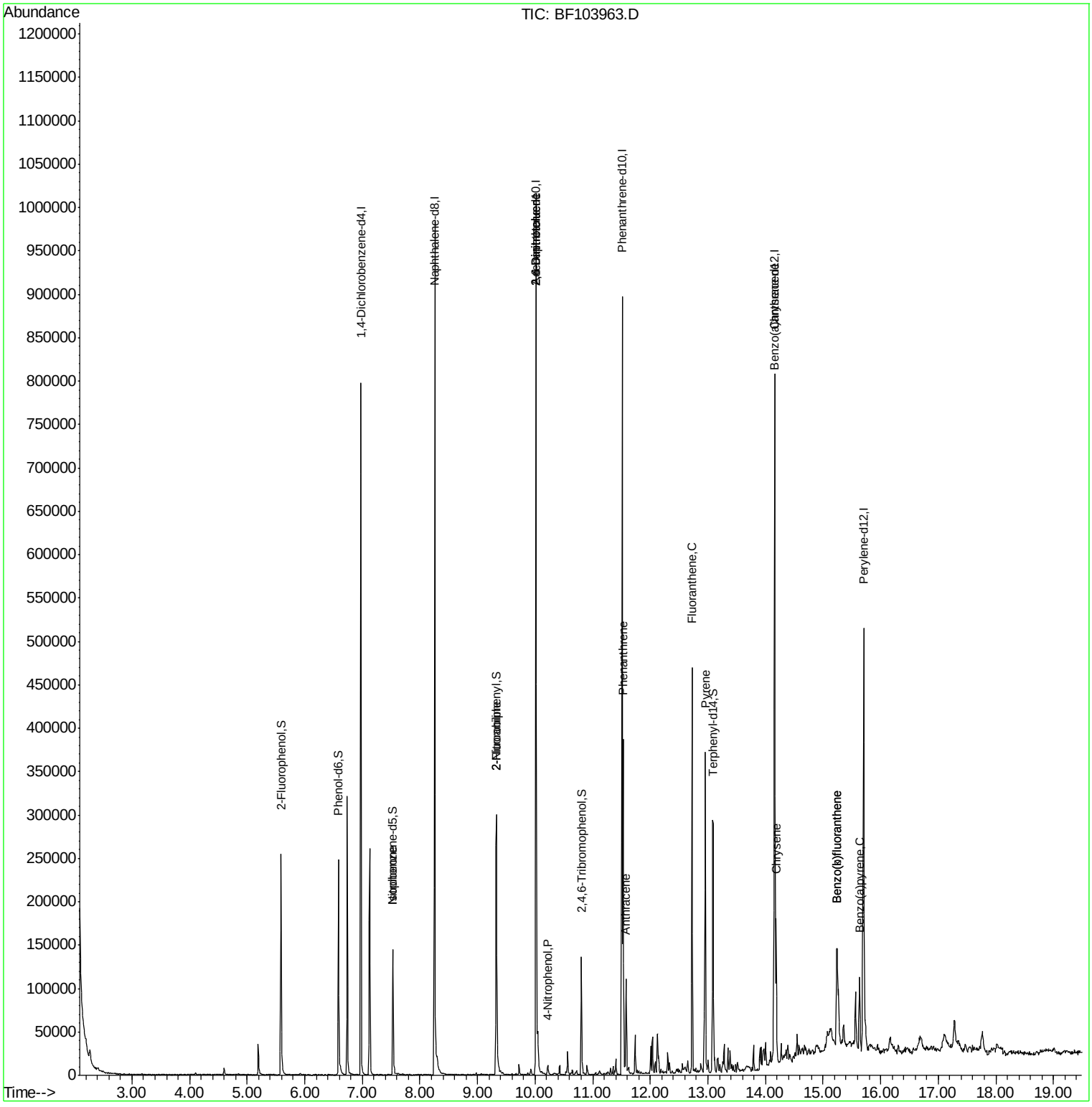
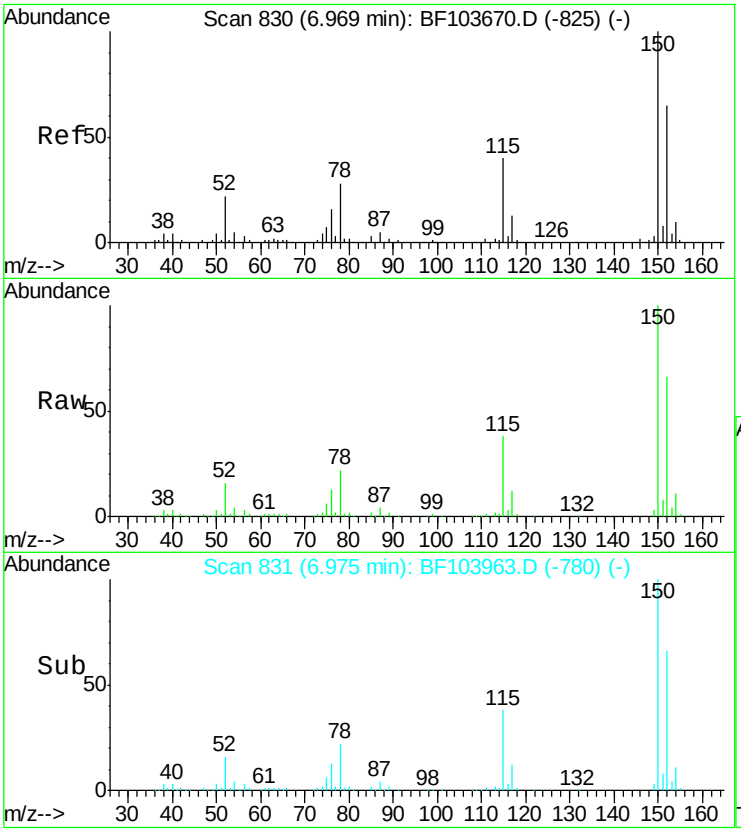
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 13:26:17 2018
Response via : Initial Calibration



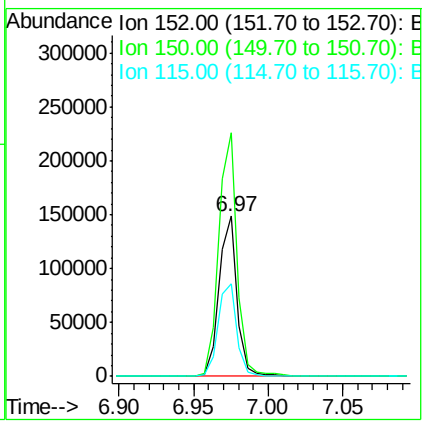


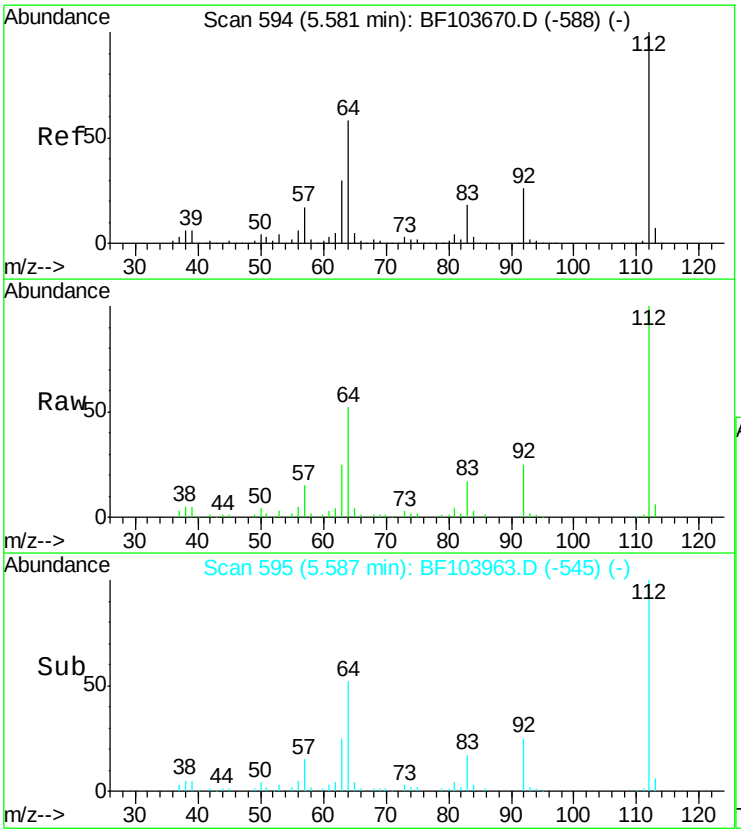
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103963.D
Acq: 27 Mar 2018 9:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 126171

Ion	Ratio	Lower	Upper
152	100		
150	152.1	124.6	186.8
115	57.7	50.1	75.1

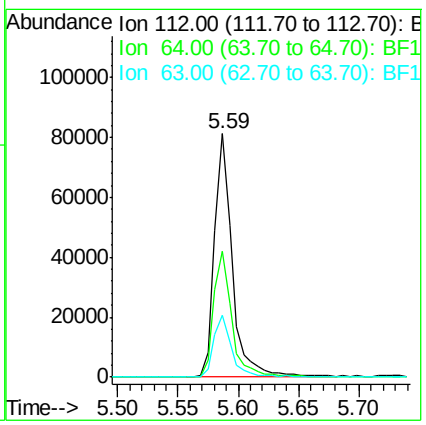


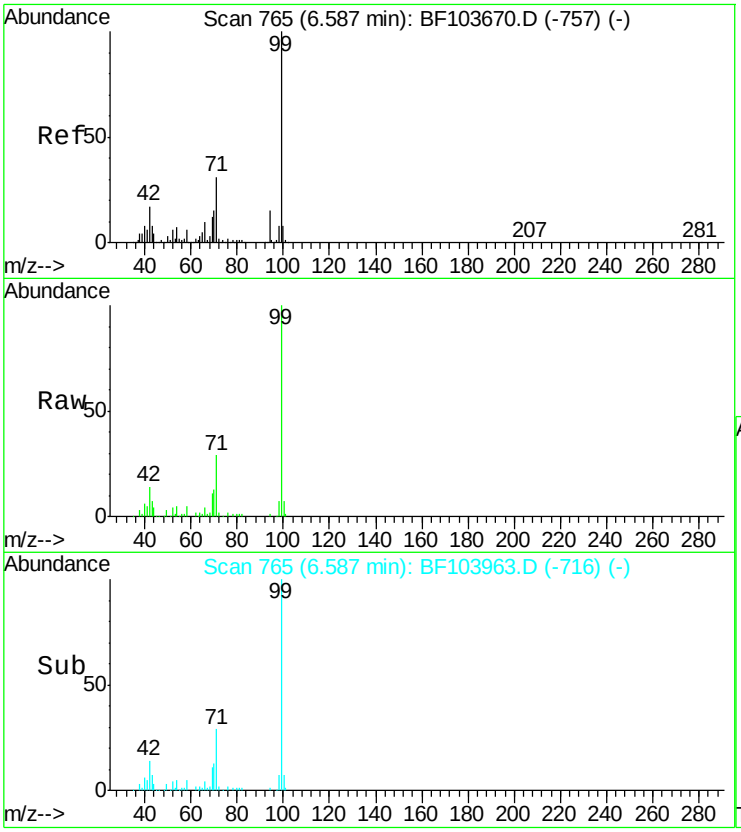


#5
2-Fluorophenol
Concen: 9.886 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF103963.D
Acq: 27 Mar 2018 9:00

Tgt Ion:112 Resp: 82009

Ion	Ratio	Lower	Upper
112	100		
64	51.7	47.9	71.9
63	25.3	23.7	35.5



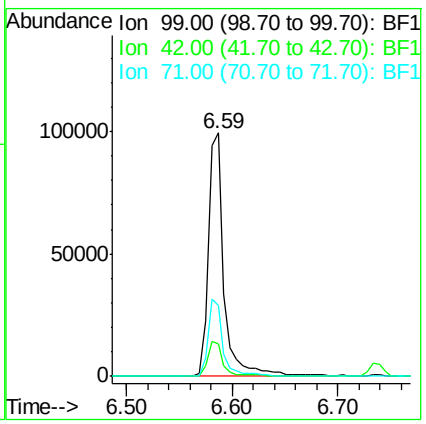


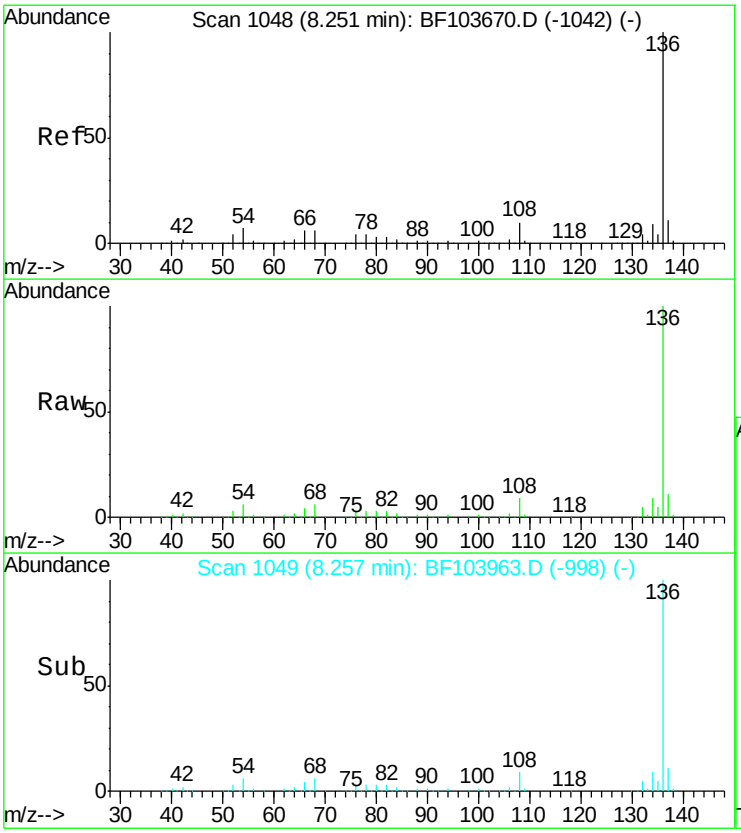
#7
Phenol-d6
Concen: 10.225 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF103963.D
Acq: 27 Mar 2018 9:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 103766

Ion	Ratio	Lower	Upper
99	100		
42	13.6	14.5	21.7#
71	29.2	25.4	38.0

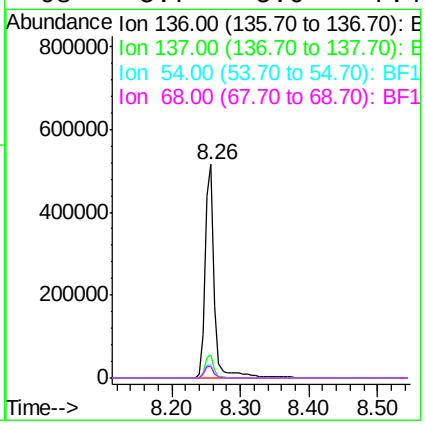


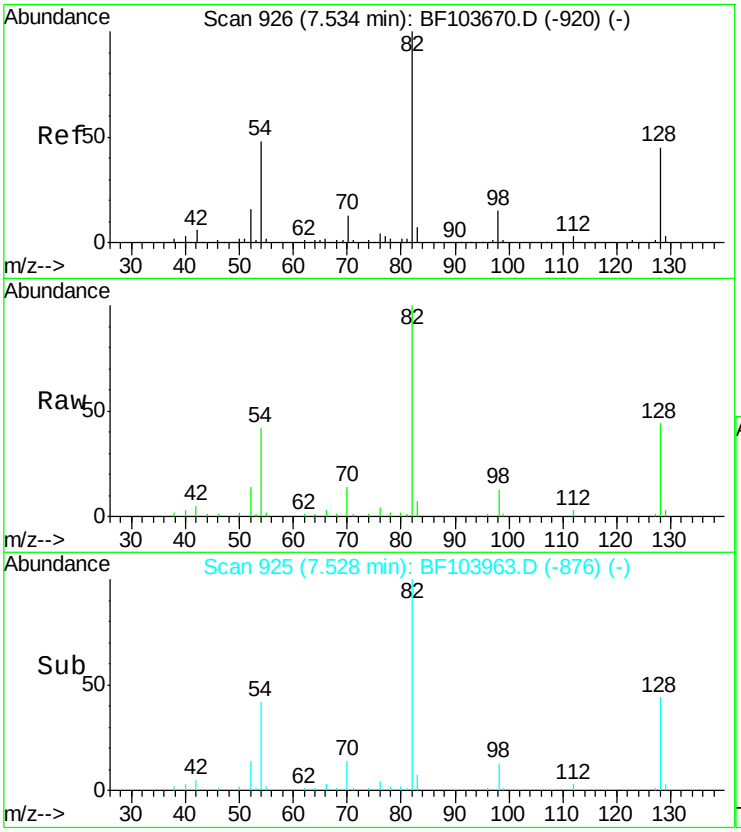


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF103963.D
Acq: 27 Mar 2018 9:00

Tgt Ion:136 Resp: 498484

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.1	6.6	9.8#
68	5.7	5.0	7.4



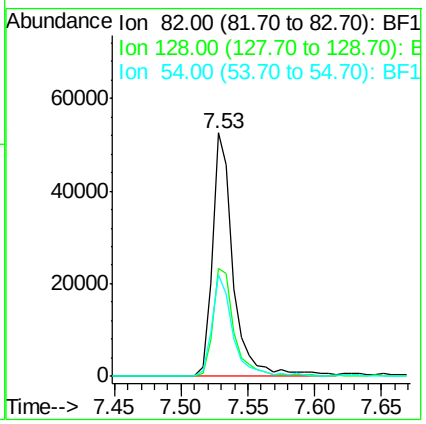


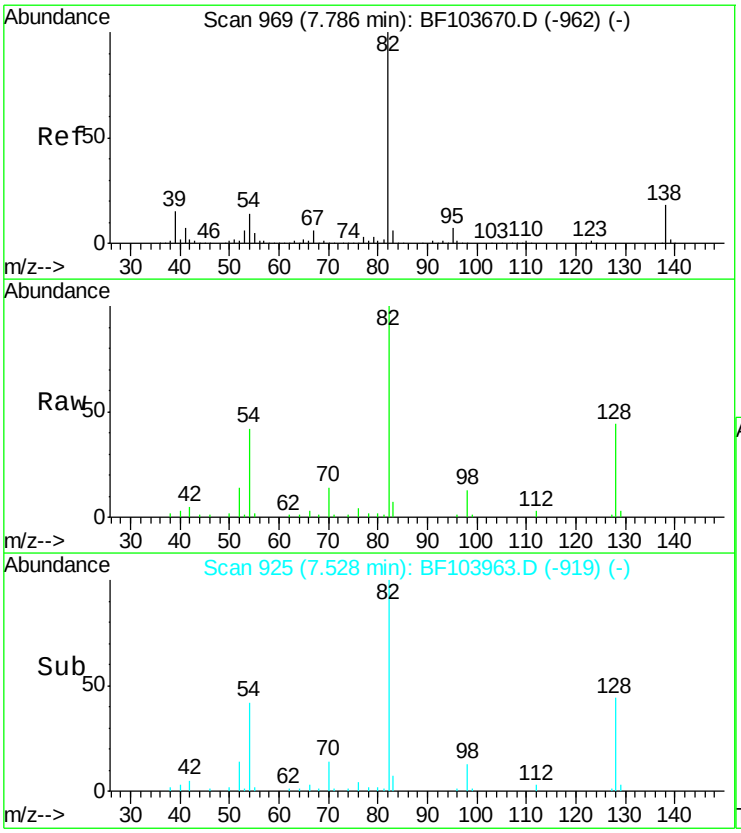
#23
Nitrobenzene-d5
Concen: 8.109 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF103963.D
Acq: 27 Mar 2018 9:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 57967

Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.1	54.1
54	41.9	41.4	62.2

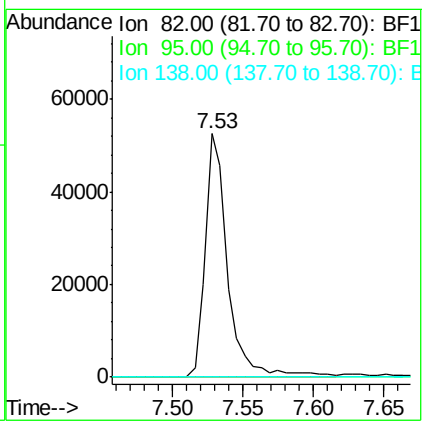


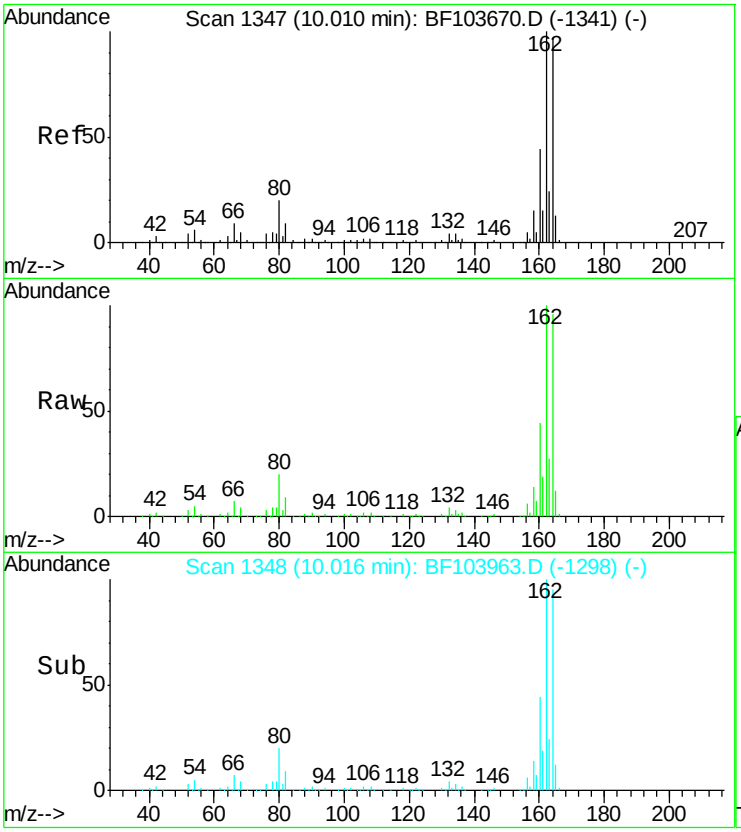


#25
Isophorone
Concen: 3.503 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.26 min
Lab File: BF103963.D
Acq: 27 Mar 2018 9:00

Tgt Ion: 82 Resp: 57966

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



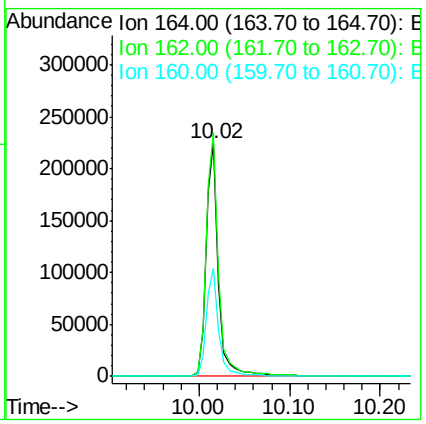


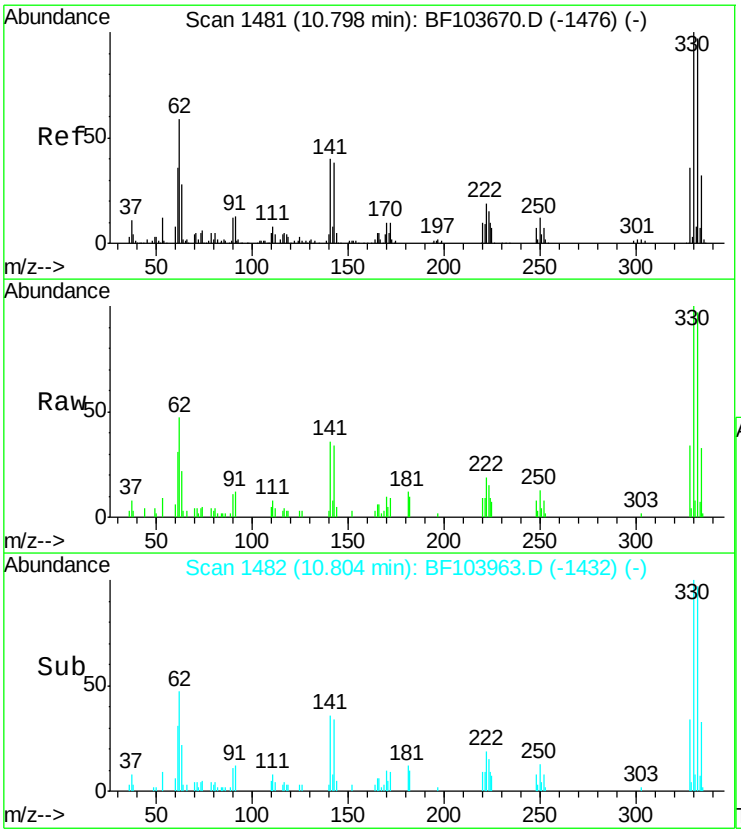
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF103963.D
Acq: 27 Mar 2018 9:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 217382

Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	46.4	38.3	57.5

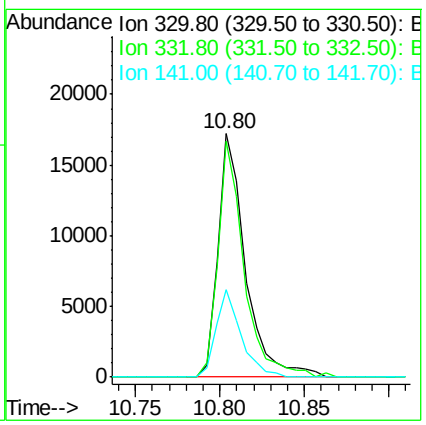


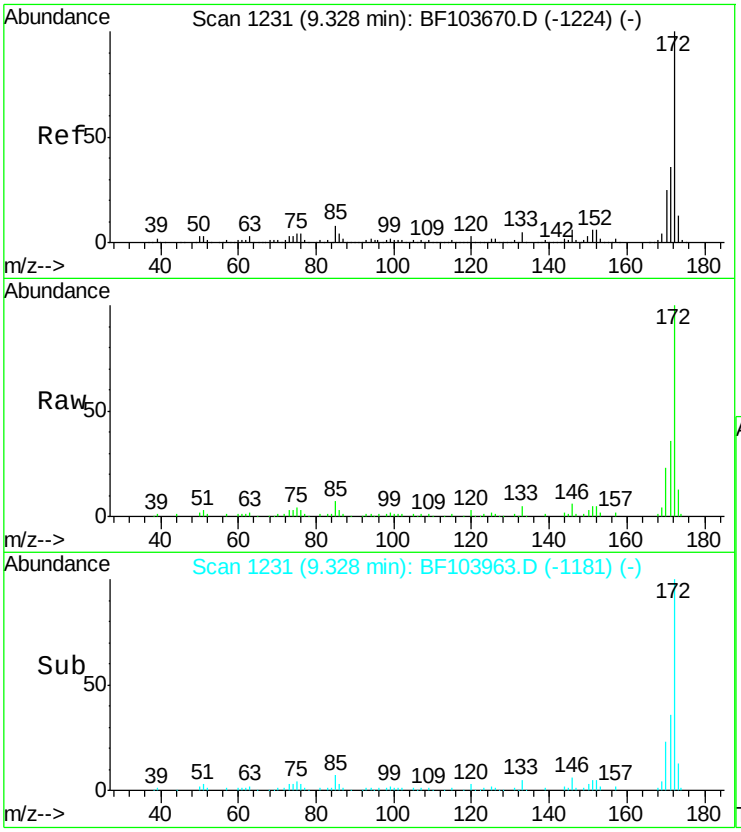


#41
2,4,6-Tribromophenol
Concen: 10.434 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF103963.D
Acq: 27 Mar 2018 9:00

Tgt Ion:330 Resp: 19501

Ion	Ratio	Lower	Upper
330	100		
332	92.4	77.0	115.6
141	33.1	29.9	44.9



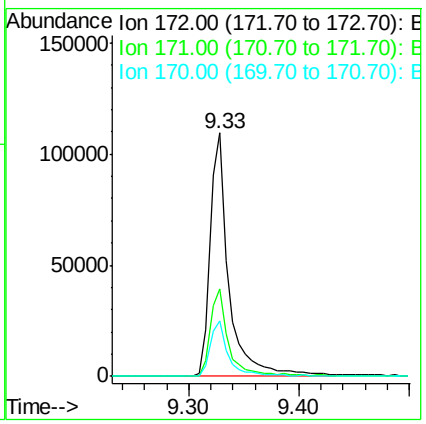


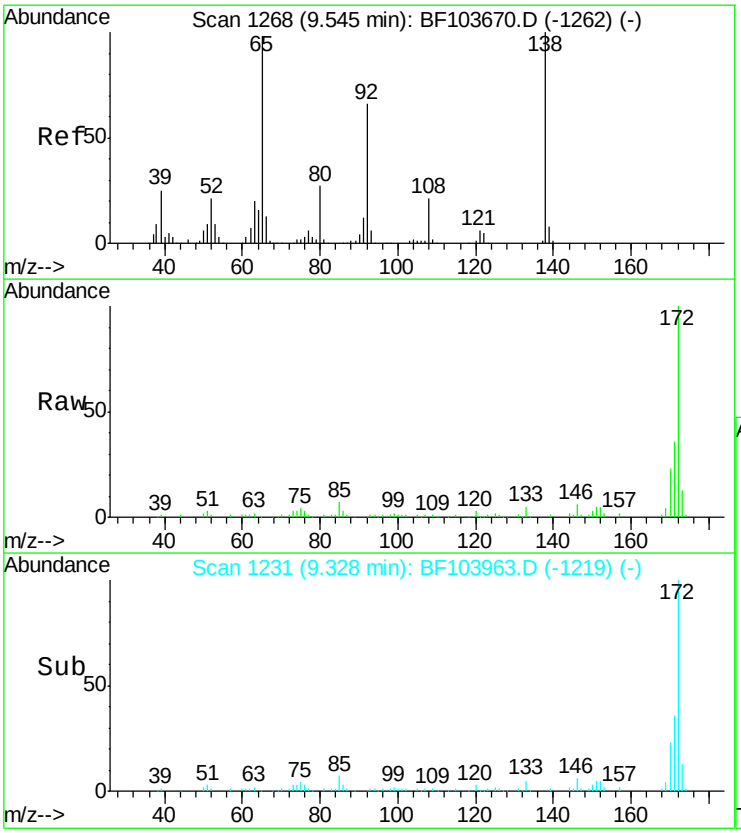
#44
2-Fluorobiphenyl
Concen: 9.326 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF103963.D
Acq: 27 Mar 2018 9:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 127096

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	22.6	19.6	29.4

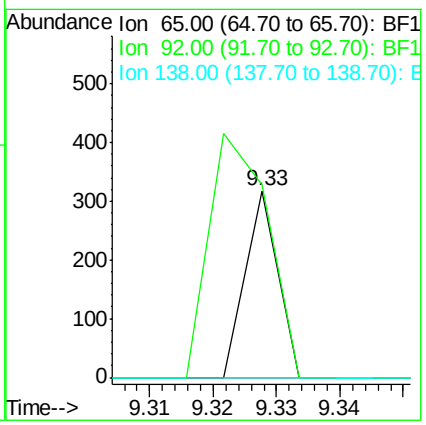


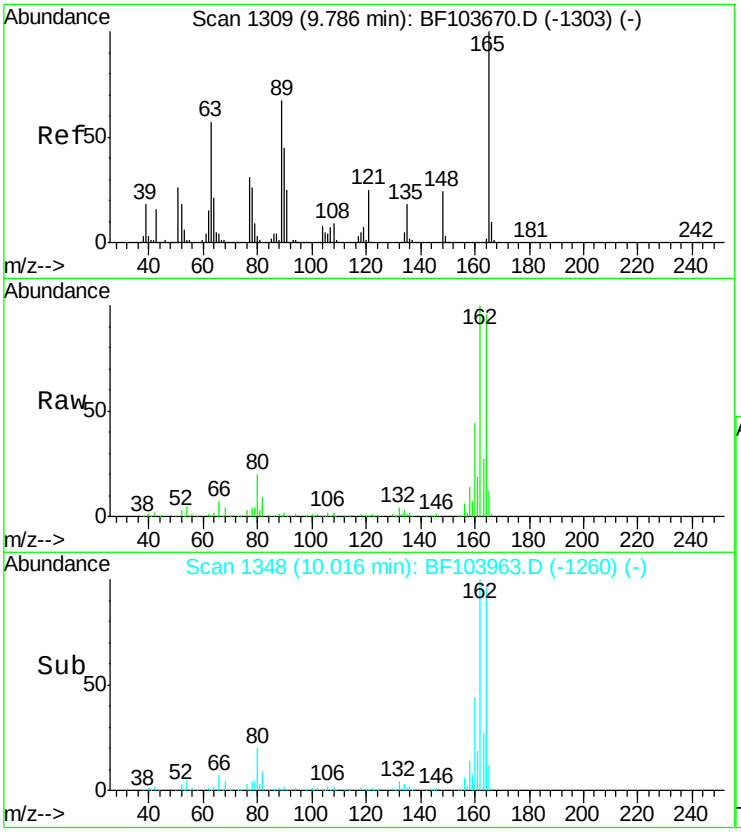


#47
2-Nitroaniline
Concen: 6.840 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.23 min
Lab File: BF103963.D
Acq: 27 Mar 2018 9:00

Tgt Ion: 65 Resp: 112

Ion	Ratio	Lower	Upper
65	100		
92	103.5	55.8	83.6#
138	0.0	91.2	136.8#



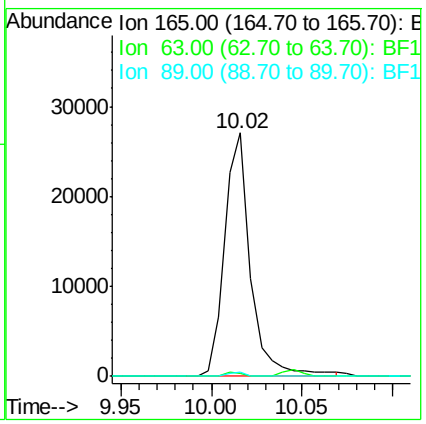


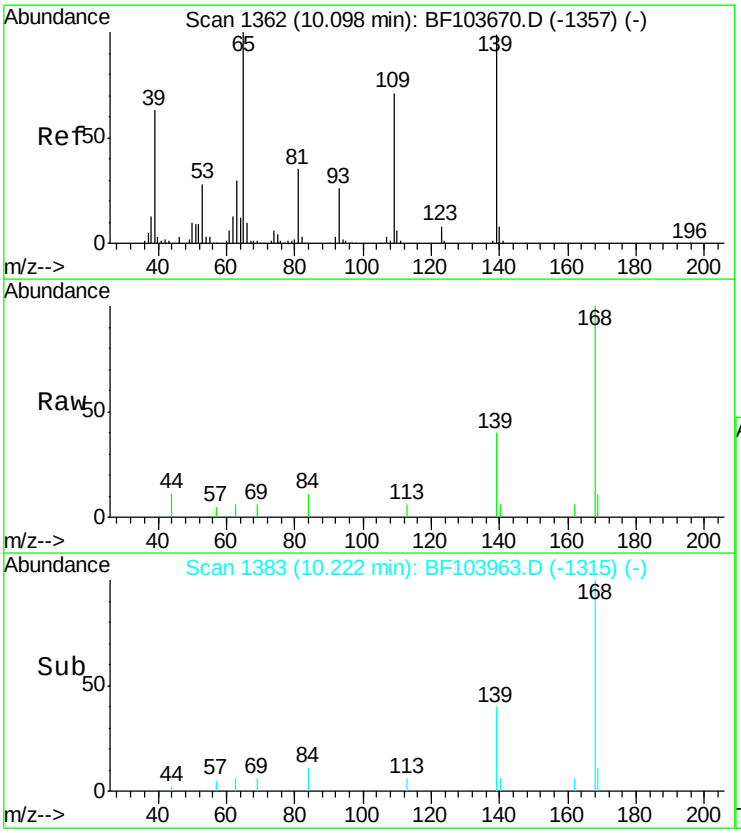
#50
2,6-Dinitrotoluene
Concen: 11.671 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.22 min
Lab File: BF103963.D
Acq: 27 Mar 2018 9:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 26897

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	2.0	44.0	66.0#

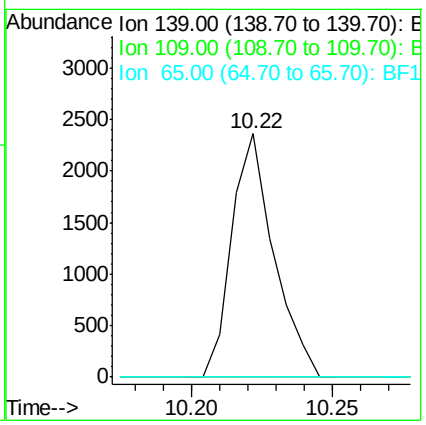


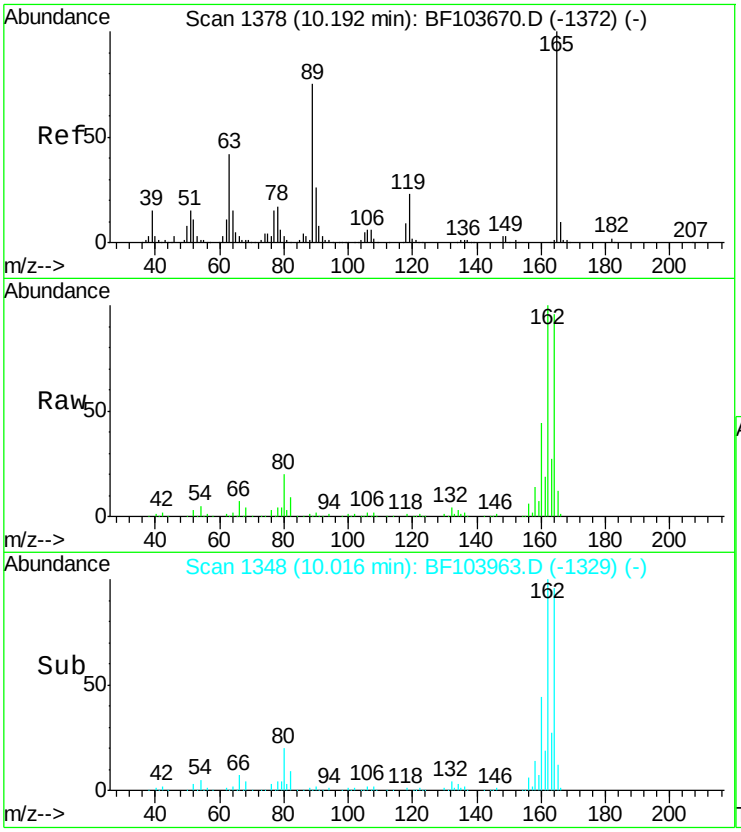


#55
4-Nitrophenol
Concen: 5.725 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.10 min
Lab File: BF103963.D
Acq: 27 Mar 2018 9:00

Tgt Ion:139 Resp: 2446

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#



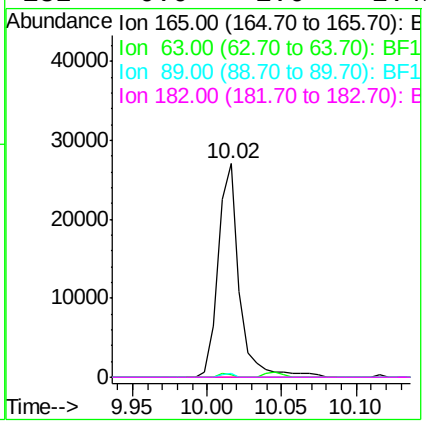


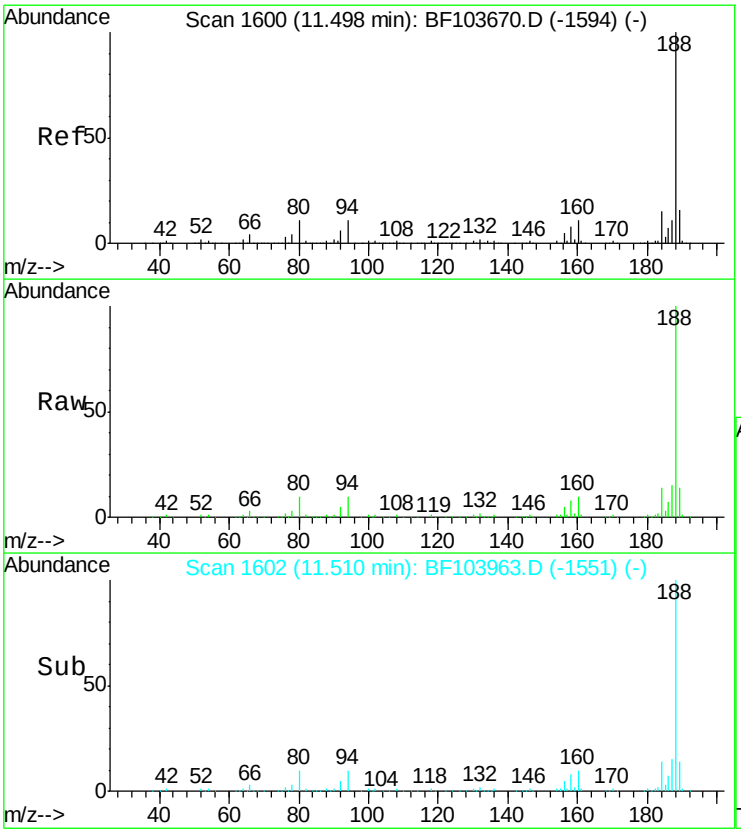
#56
2,4-Dinitrotoluene
Concen: 11.998 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.19 min
Lab File: BF103963.D
Acq: 27 Mar 2018 9:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 27007

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#

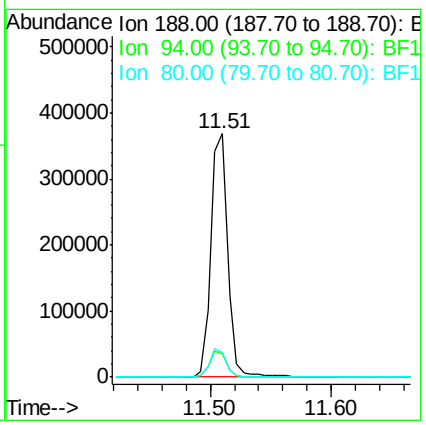


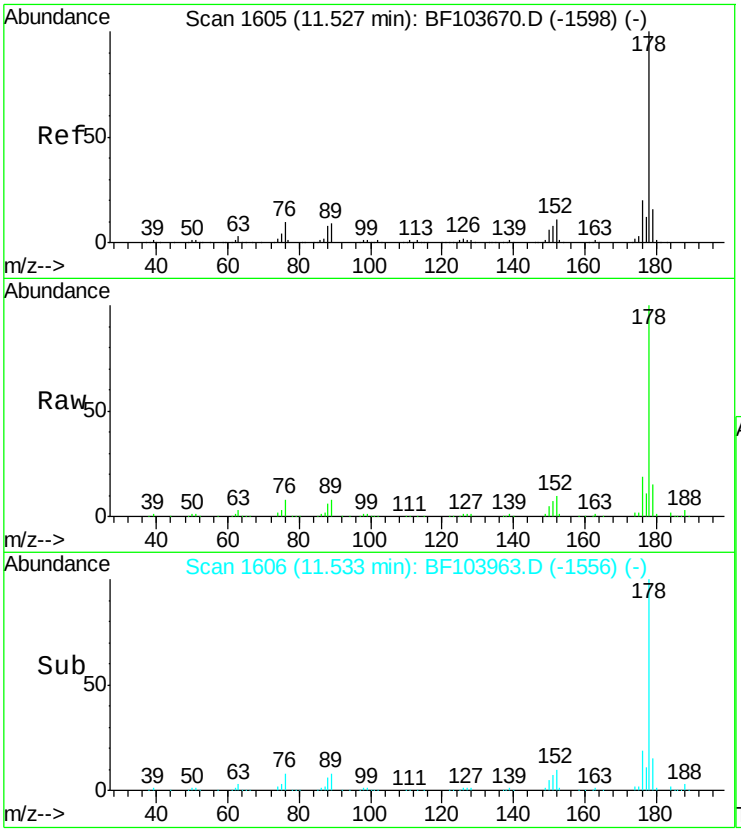


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF103963.D
Acq: 27 Mar 2018 9:00

Tgt Ion:188 Resp: 349591

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.1	9.2	13.8



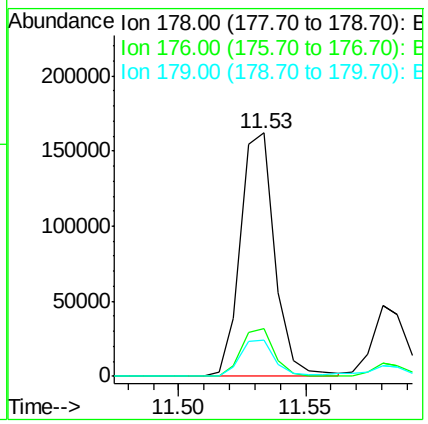


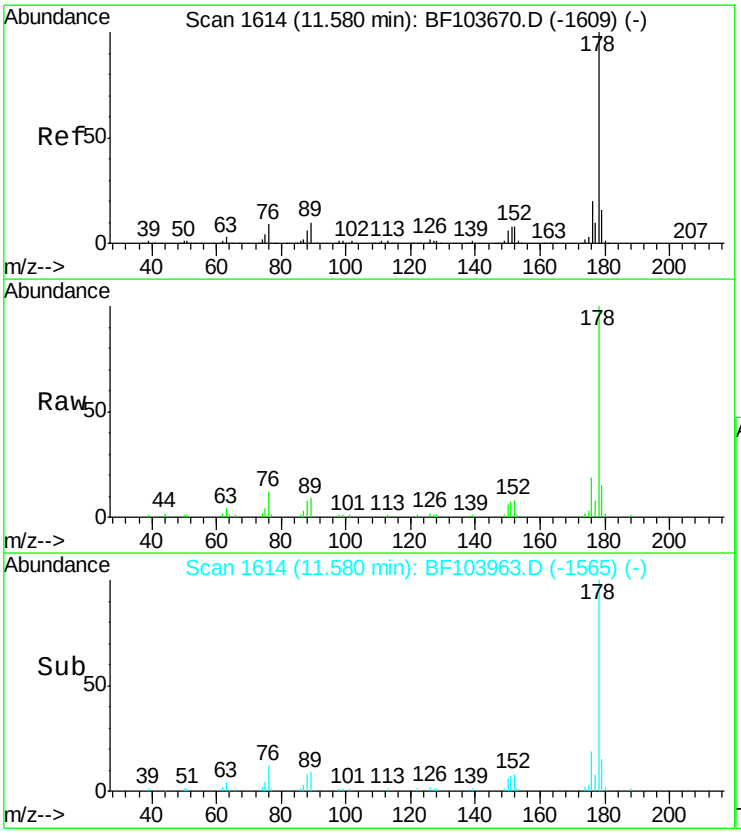
#70
Phenanthrene
Concen: 7.967 ng
RT: 11.53 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BF103963.D
Acq: 27 Mar 2018 9:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 152364

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.0	13.0	19.6

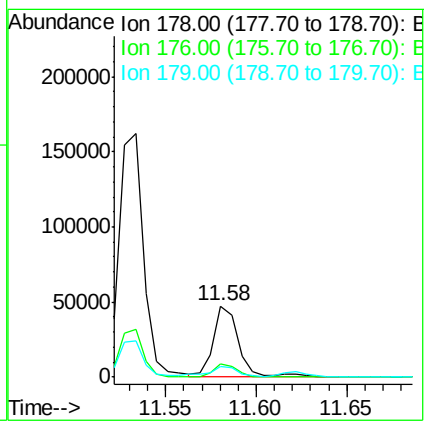


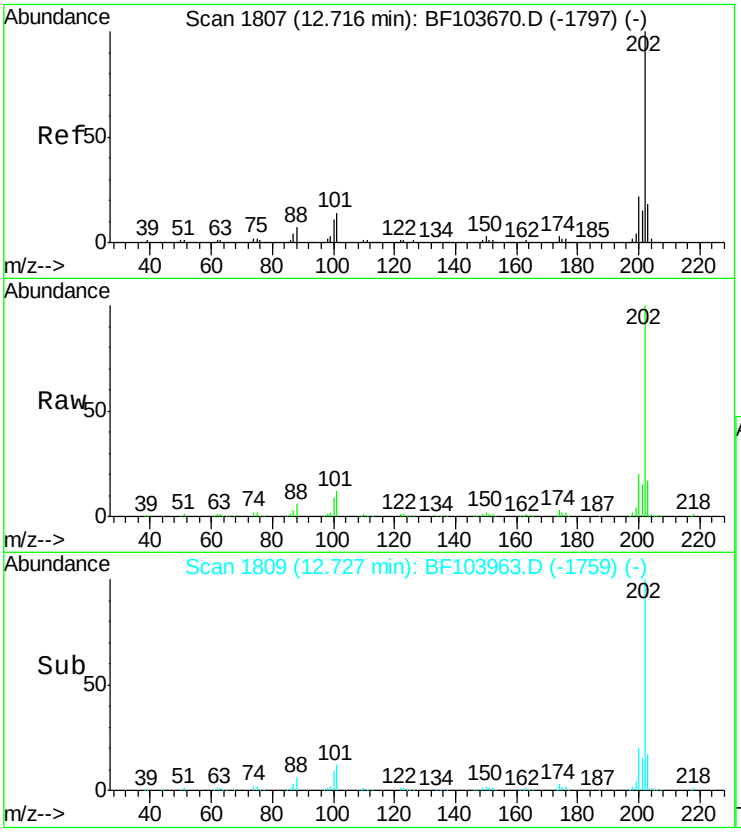


#71
Anthracene
Concen: 2.356 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF103963.D
Acq: 27 Mar 2018 9:00

Tgt Ion:178 Resp: 45767

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



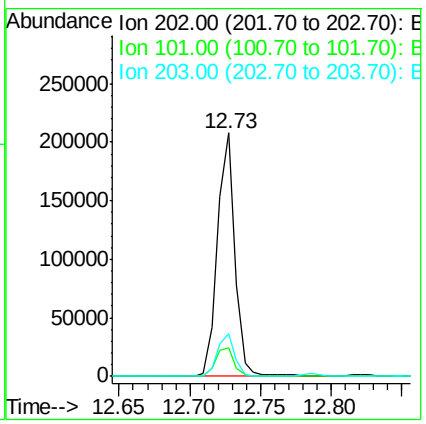


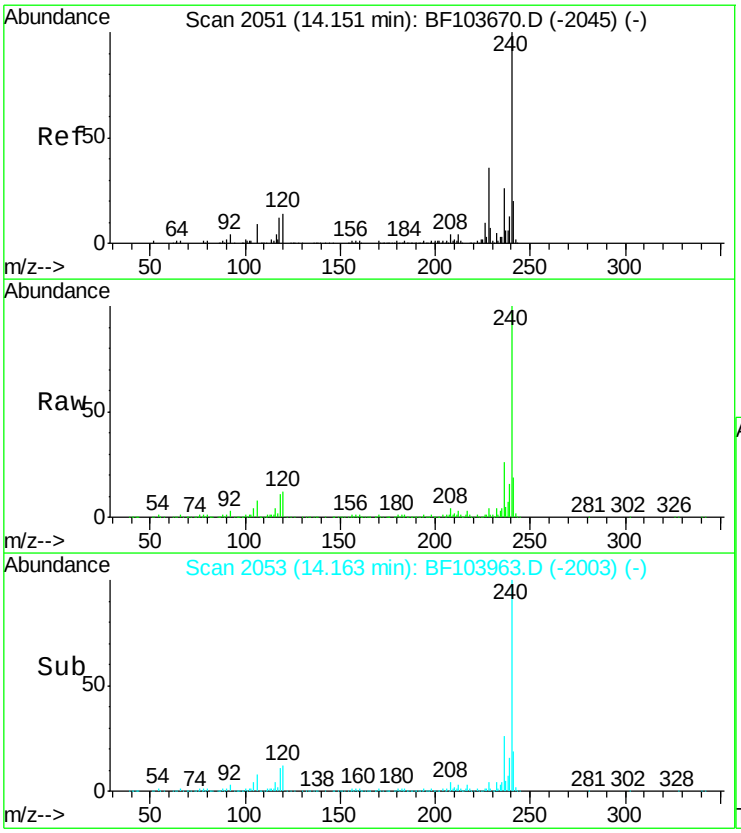
#74
Fluoranthene
Concen: 9.128 ng
RT: 12.73 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF103963.D
Acq: 27 Mar 2018 9:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 179834

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	34.1
203	17.4	0.0	38.1

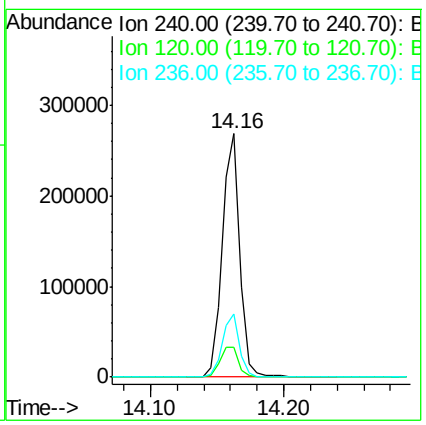


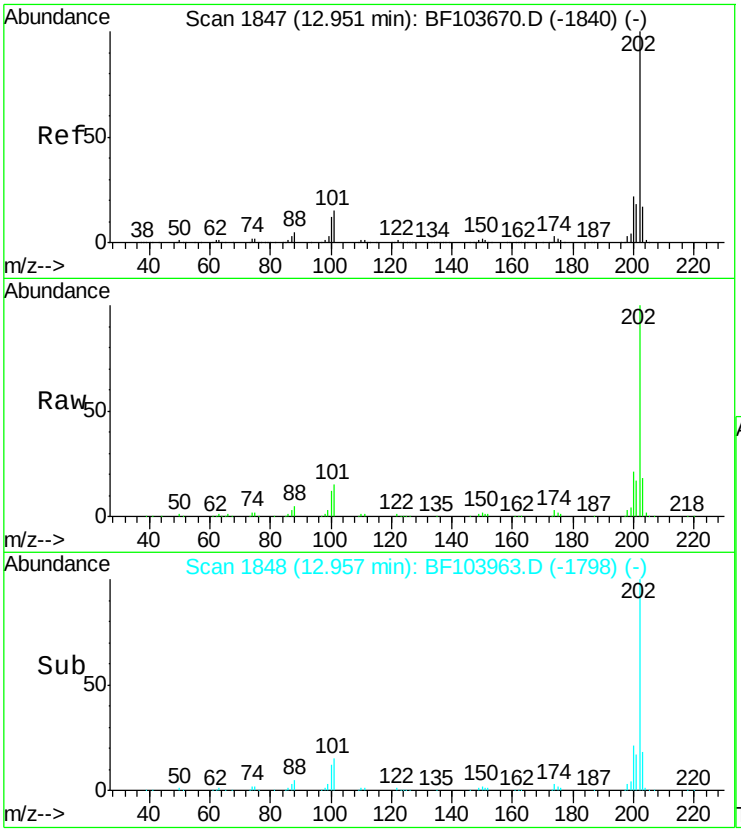


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF103963.D
Acq: 27 Mar 2018 9:00

Tgt Ion:240 Resp: 248197

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.5	14.3
236	26.1	20.7	31.1



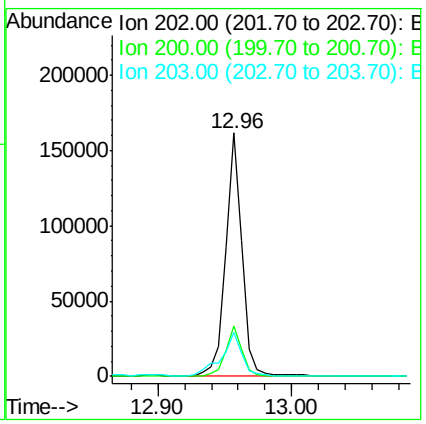


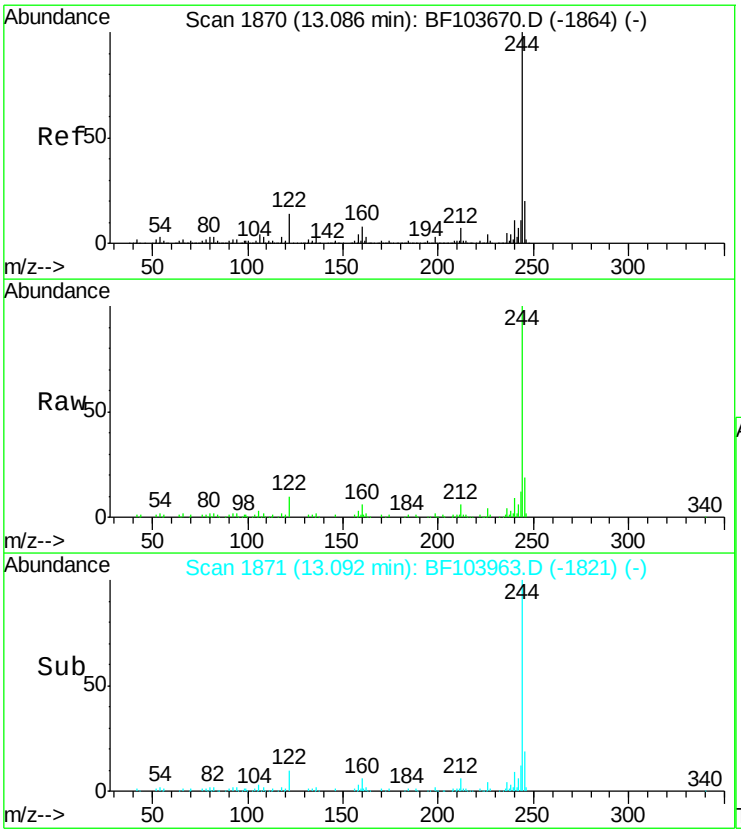
#77
Pyrene
Concen: 7.702 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF103963.D
Acq: 27 Mar 2018 9:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 140388

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	17.9	14.3	21.5

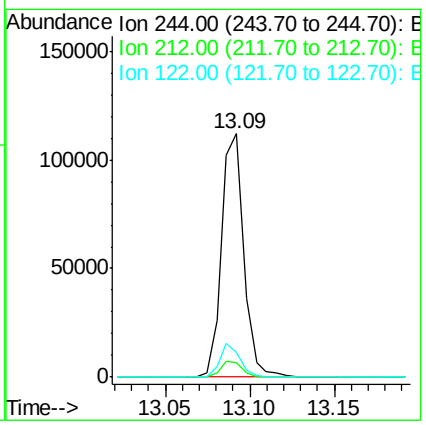


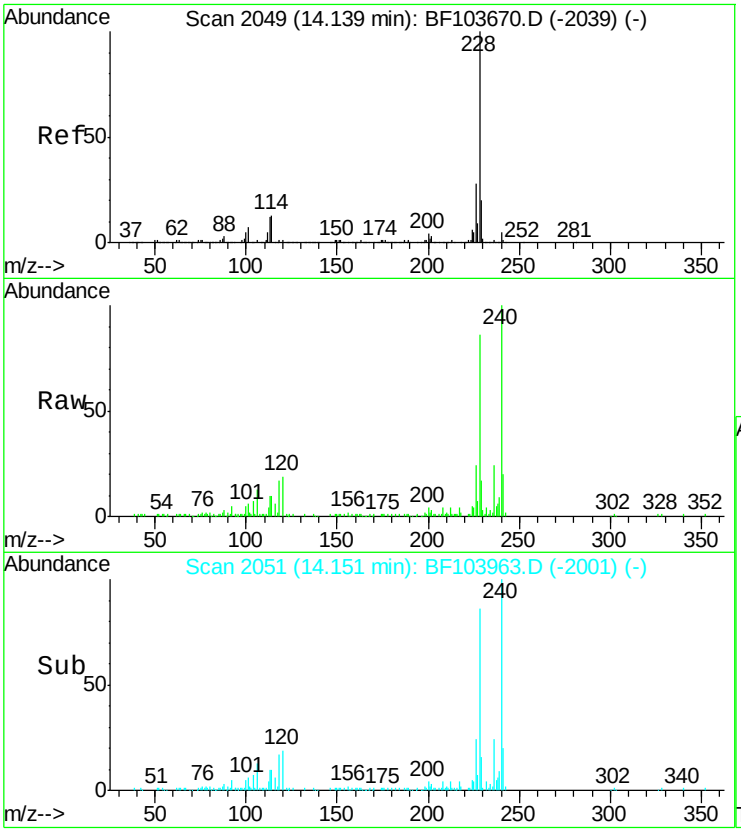


#78
Terphenyl-d14
Concen: 9.604 ng
RT: 13.09 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BF103963.D
Acq: 27 Mar 2018 9:00

Tgt Ion:244 Resp: 102697

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.0
122	10.3	11.0	16.4#



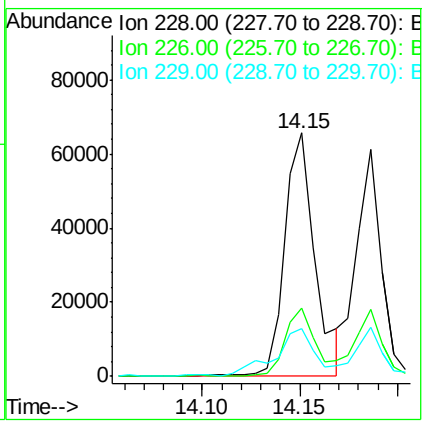


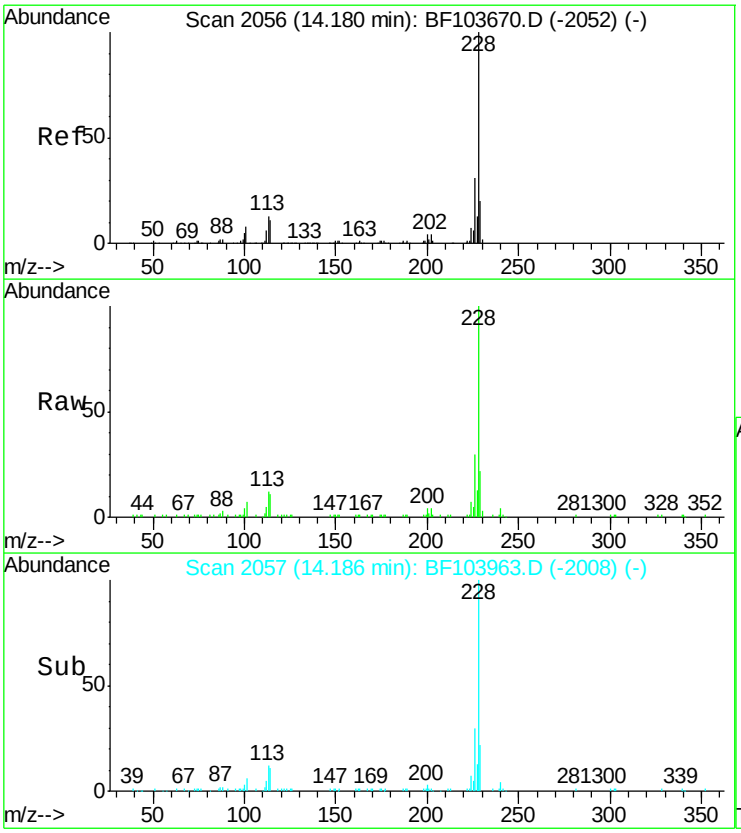
#80
Benzo(a)anthracene
Concen: 4.522 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF103963.D
Acq: 27 Mar 2018 9:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 71040

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	19.5	15.8	23.6

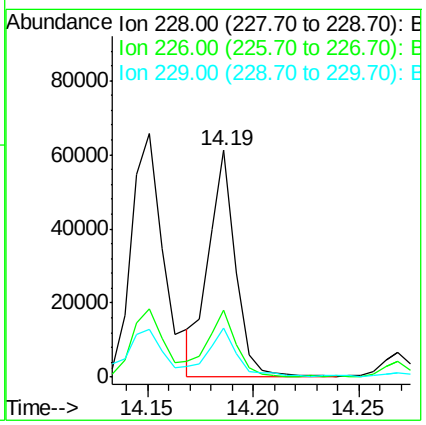


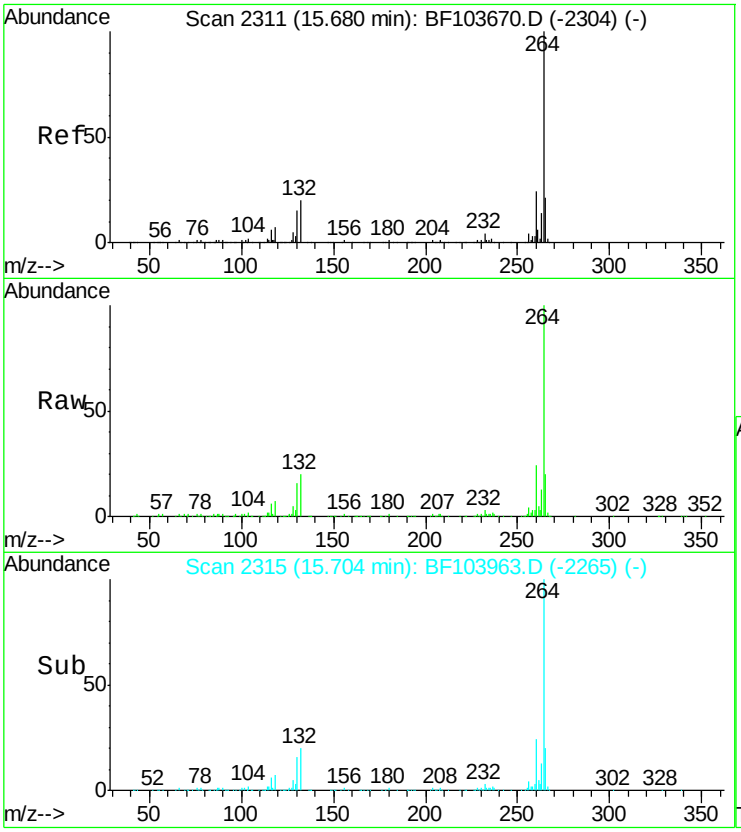


#82
Chrysene
Concen: 3.674 ng
RT: 14.19 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BF103963.D
Acq: 27 Mar 2018 9:00

Tgt Ion:228 Resp: 55026

Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.0	37.6
229	21.6	16.2	24.4



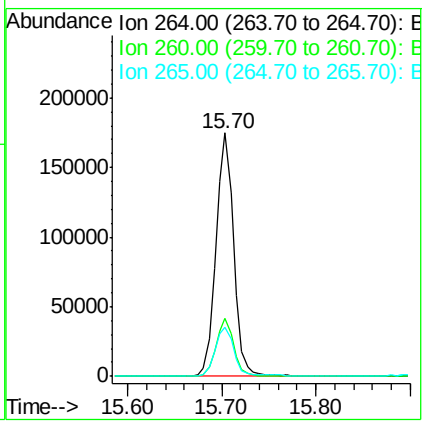


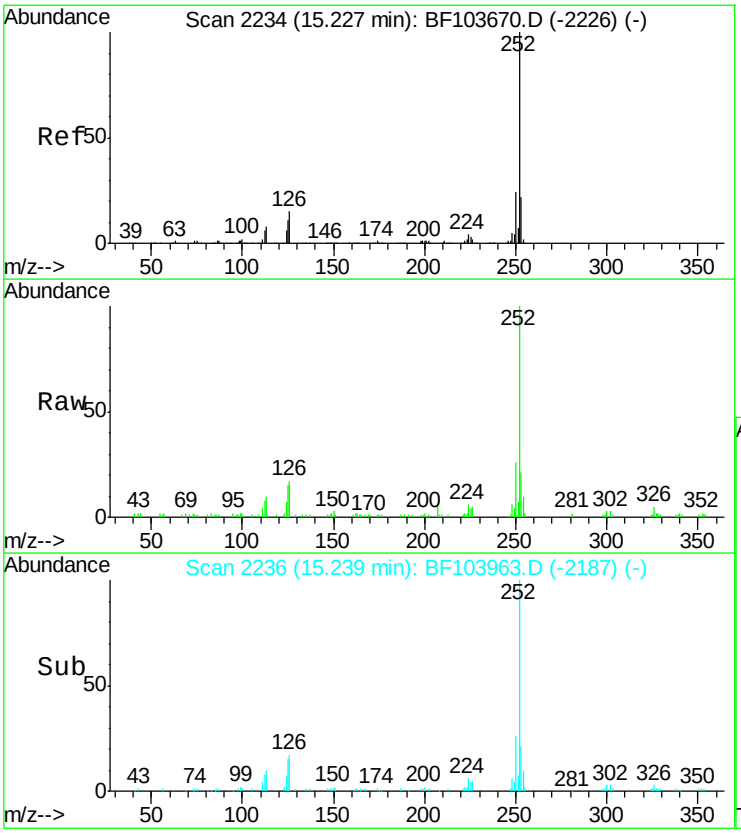
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BF103963.D
Acq: 27 Mar 2018 9:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 231158

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	20.4	17.5	26.3

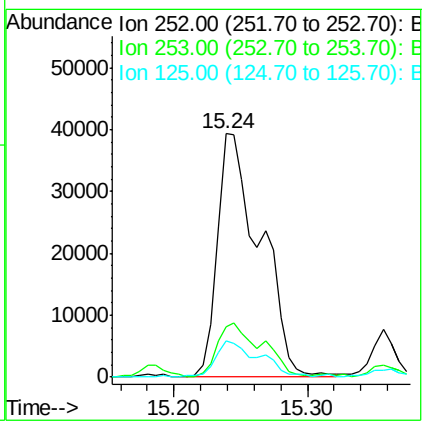


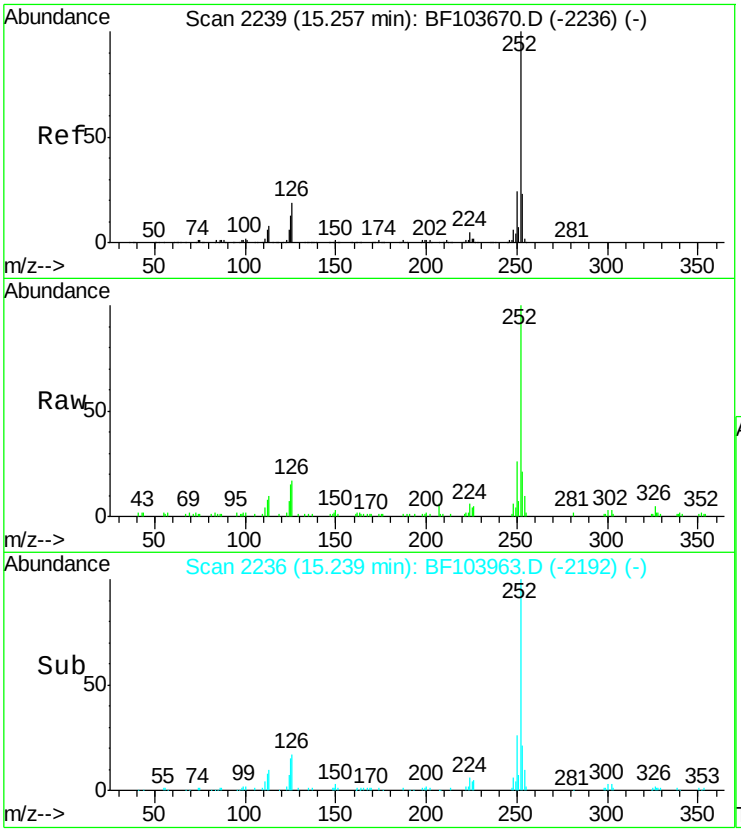


#87
Benzo(b)fluoranthene
Concen: 6.051 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF103963.D
Acq: 27 Mar 2018 9:00

Tgt Ion:252 Resp: 88370

Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.0	25.6
125	15.1	9.0	13.6#



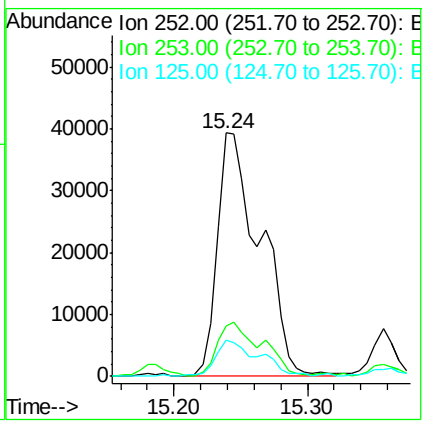


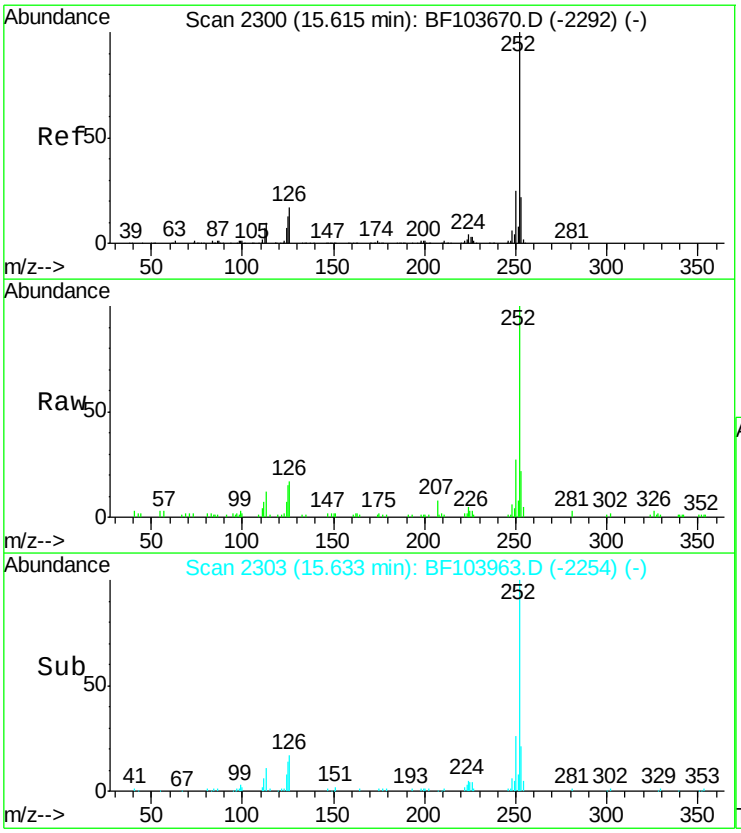
#88
Benzo(k)fluoranthene
Concen: 6.295 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.04 min
Lab File: BF103963.D
Acq: 27 Mar 2018 9:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 88370

Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.9	26.9
125	15.1	10.2	15.2





#89
Benzo(a)pyrene
Concen: 3.186 ng
RT: 15.63 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BF103963.D
Acq: 27 Mar 2018 9:00

Tgt Ion:252 Resp: 42196

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	14.7	9.8	14.6#