Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031218\
Data File : BF103575.D
Acq On : 12 Mar 2018 12:13
Operator : SJ/JU
Sample : J1776-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-3FT

Quant Time: Mar 12 13:03:53 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 11:47:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	149962	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	614321	20.00	ng		-0.01
38) Acenaphthene-d10	9.90	164	259176	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	401579	20.00	ng		0.00
75) Chrysene-d12	14.06	240	232587	20.00	ng		0.00
86) Perylene-d12	15.57	264	238033	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1074565	108.37	ng		0.01
7) Phenol-d6	6.51	99	1333314	109.89	ng		0.00
23) Nitrobenzene-d5	7.43	82	829446	77.11	ng		-0.01
41) 2,4,6-Tribromophenol	10.70	330	188571	85.96	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1167813	75.58	ng		0.00
78) Terphenyl-d14	12.98	244	755205	78.05	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.51	77	1830	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.43	70	107990	14.301	ng	#	84
25) Isophorone	7.43	82	829446	39.150	ng	#	64
49) Dimethylphthalate	9.61	163	119675	5.756	ng		100
56) 2,4-Dinitrotoluene	9.90	165	33627	6.094	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.70	198	446	5.109	ng	#	1
66) 4-Bromophenyl-phenylether	10.70	248	13342	3.189	ng	#	1
70) Phenanthrene	11.42	178	83695	3.787	ng		98
71) Anthracene	11.42	178	83695	3.693	ng		99
74) Fluoranthene	12.62	202	104492	4.705	ng		98
77) Pyrene	12.85	202	95577	5.271	ng		98
80) Benzo(a)anthracene	14.04	228	33996	2.253	ng		97
82) Chrysene	14.08	228	37856	2.583	ng		96
85) Indeno(1,2,3-cd)pyrene	17.13	276	27334	2.356	ng		93
87) Benzo(b)fluoranthene	15.13	252	68815	4.397	ng	#	83
88) Benzo(k)fluoranthene	15.13	252	68815	4.669	ng	#	86
89) Benzo(a)pyrene	15.51	252	39916	2.856	ng	#	86
91) Benzo(g,h,i)perylene	17.60	276	31727	3.006	ng	#	83

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

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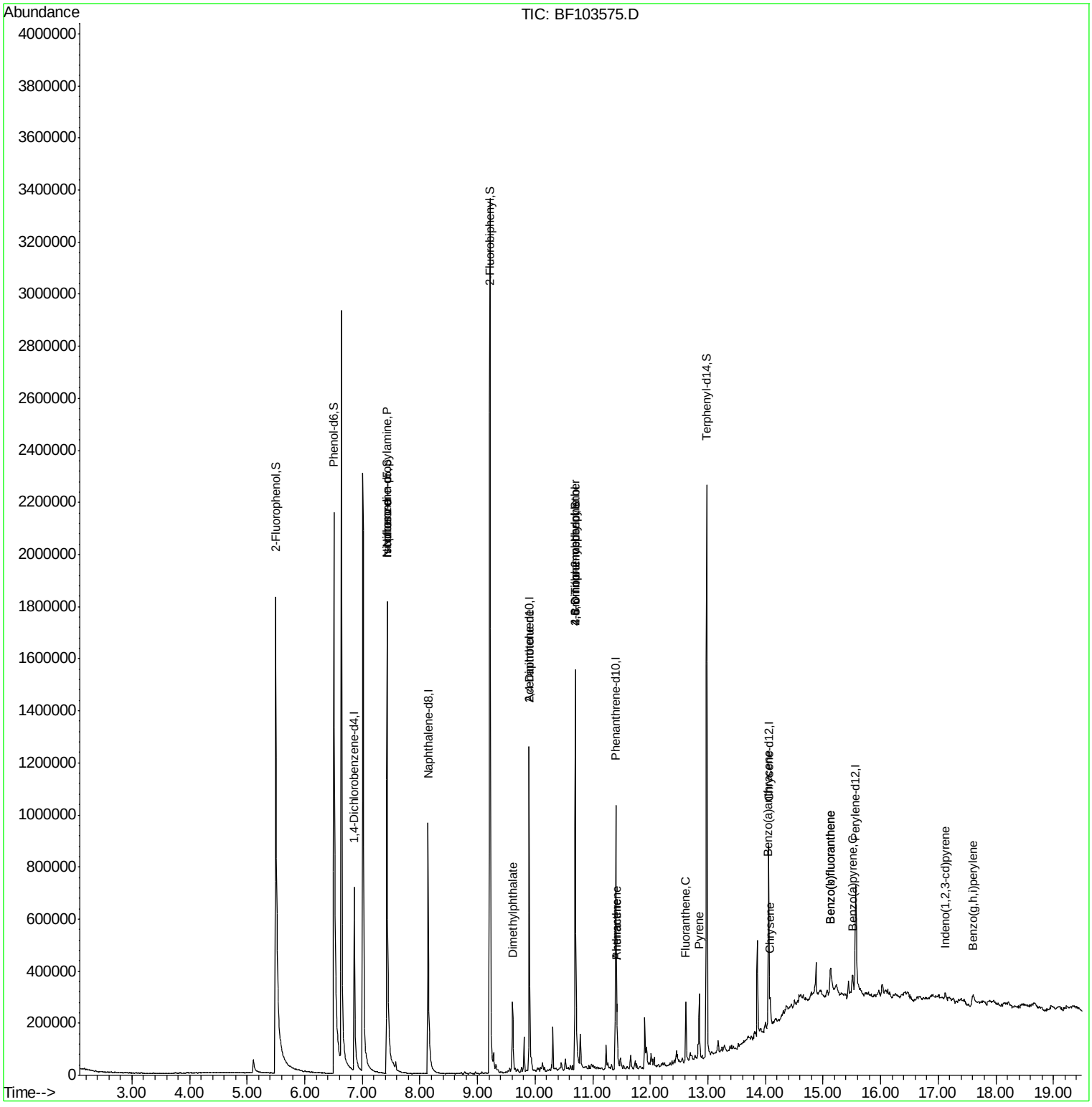
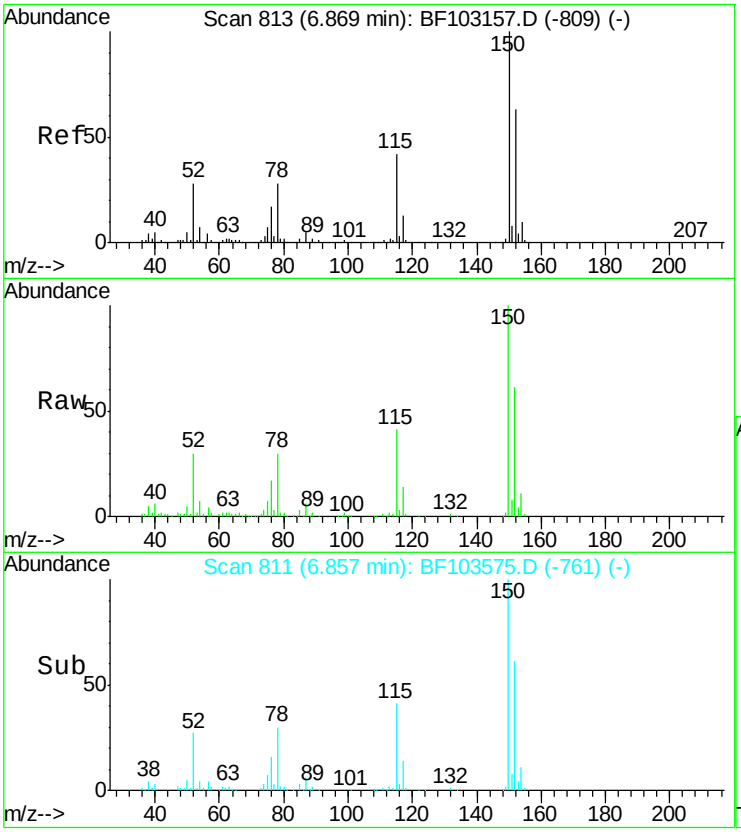


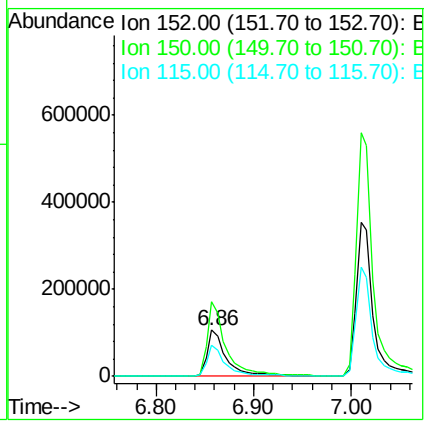


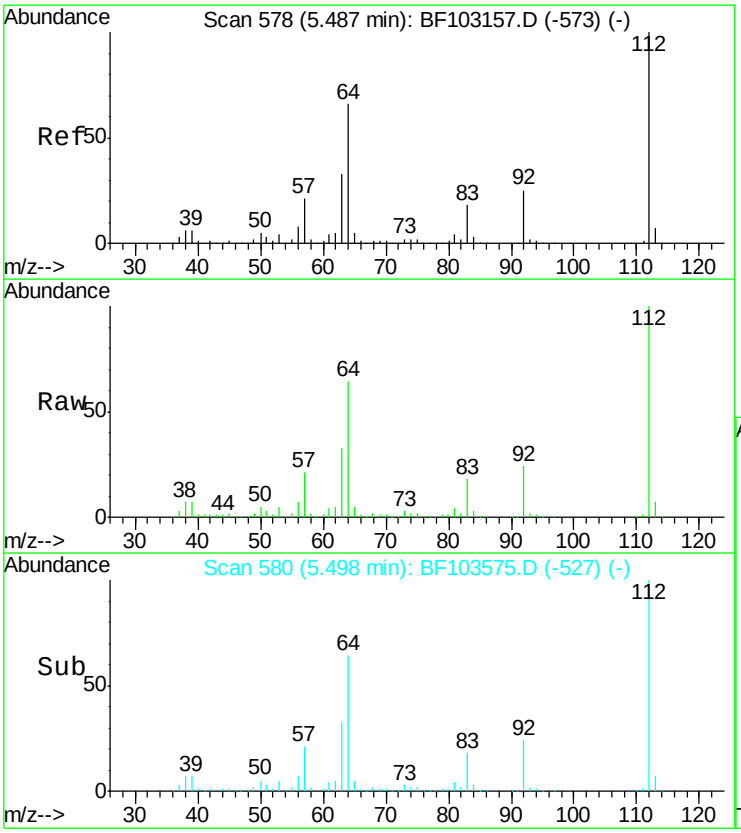
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103575.D
Acq: 12 Mar 2018 12:13

Instrument :
BNA_F
ClientSampleId :
TP-2-3FT

Tgt Ion:152 Resp: 149962

Ion	Ratio	Lower	Upper
152	100		
150	162.8	124.6	186.8
115	66.3	50.1	75.1

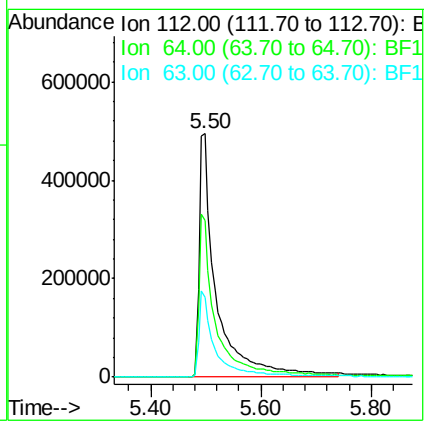


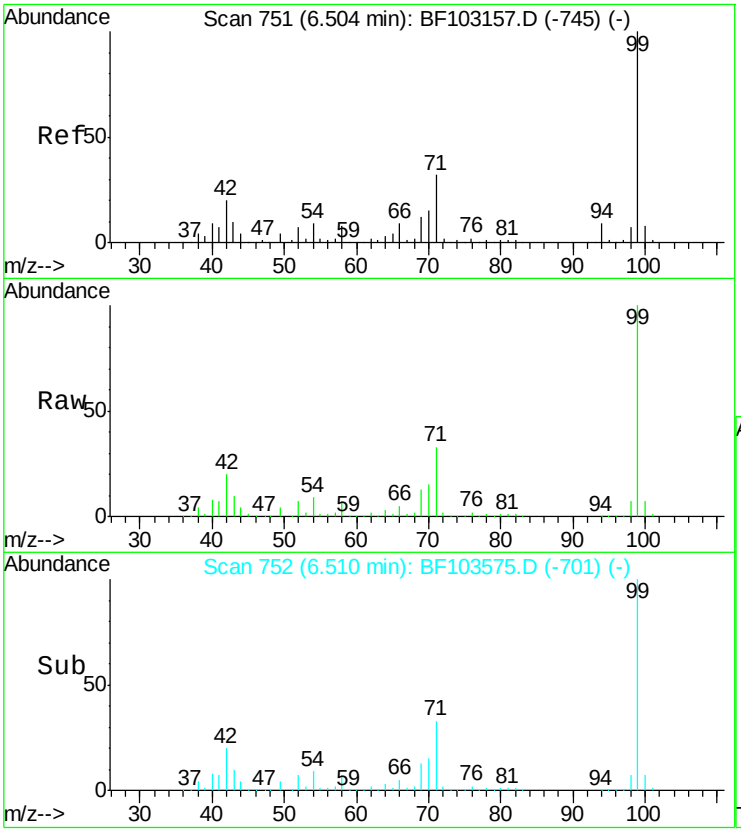


#5
2-Fluorophenol
Concen: 108.374 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103575.D
Acq: 12 Mar 2018 12:13

Tgt Ion:112 Resp: 1074565

Ion	Ratio	Lower	Upper
112	100		
64	64.4	47.9	71.9
63	33.0	23.7	35.5



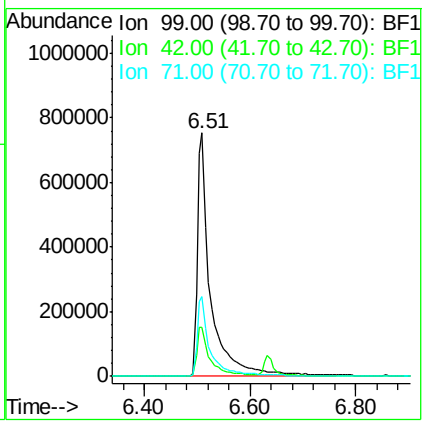


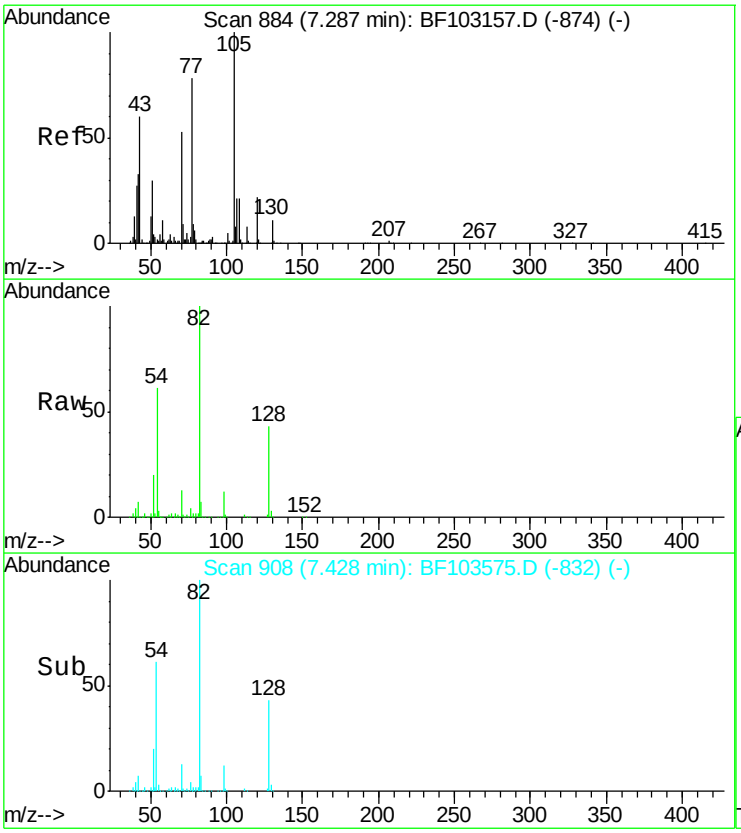
#7
Phenol-d6
Concen: 109.893 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF103575.D
Acq: 12 Mar 2018 12:13

Instrument :
BNA_F
ClientSampleId :
TP-2-3FT

Tgt Ion: 99 Resp: 1333314

Ion	Ratio	Lower	Upper
99	100		
42	20.1	14.5	21.7
71	32.6	25.4	38.0

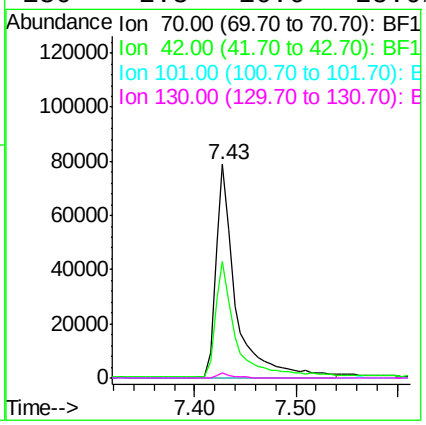


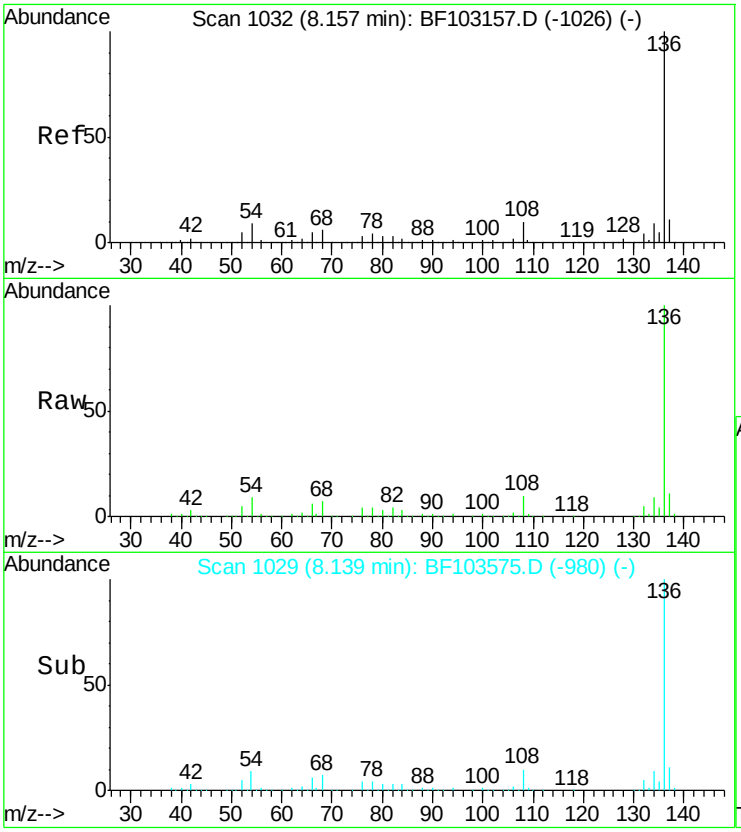


#19
n-Nitroso-di-n-propylamine
Concen: 14.301 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.15 min
Lab File: BF103575.D
Acq: 12 Mar 2018 12:13

Tgt Ion: 70 Resp: 107990

Ion	Ratio	Lower	Upper
70	100		
42	54.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



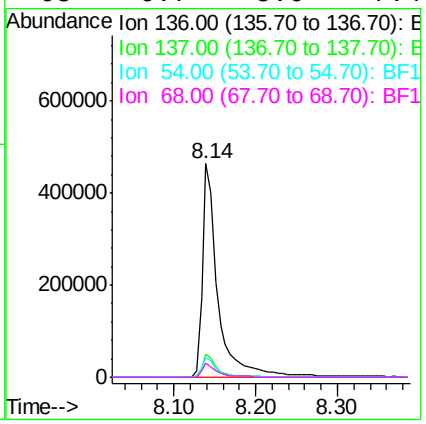


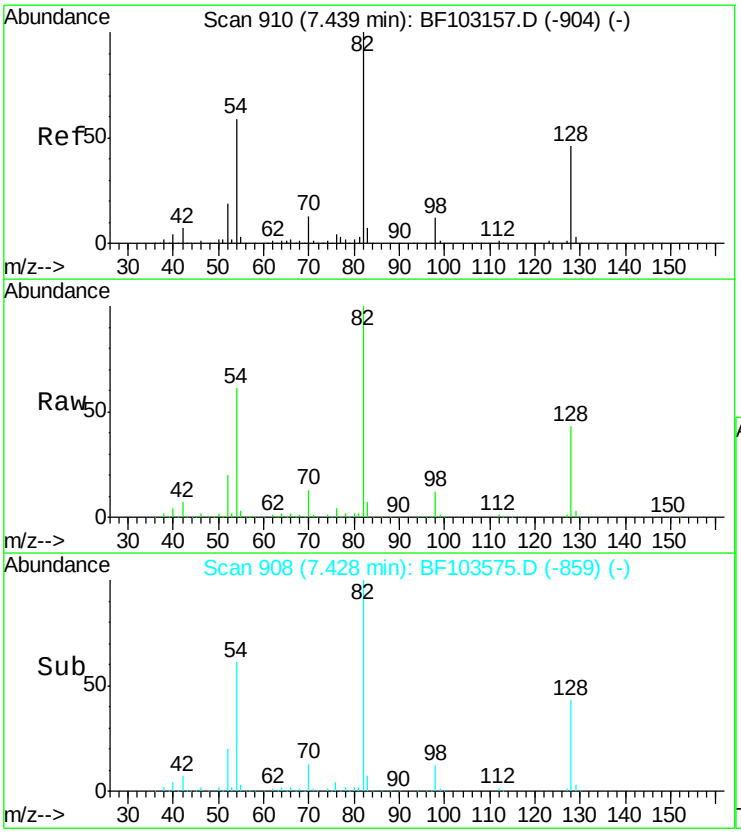
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF103575.D
Acq: 12 Mar 2018 12:13

Instrument :
BNA_F
ClientSampleId :
TP-2-3FT

Tgt Ion:136 Resp: 614321

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.3	6.6	9.8
68	6.7	5.0	7.4

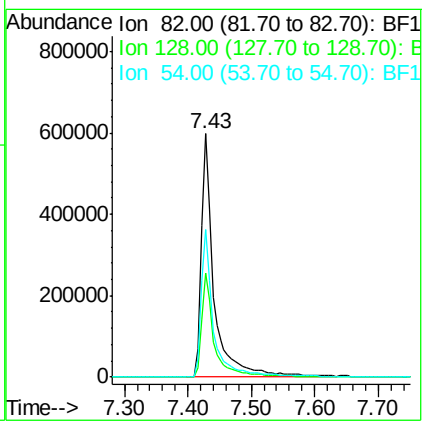


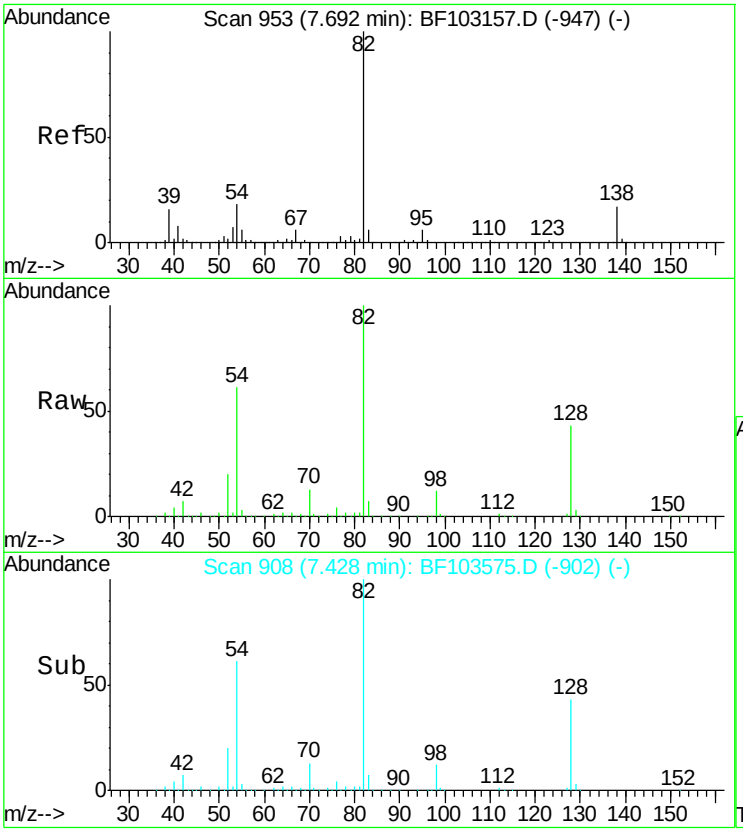


#23
Nitrobenzene-d5
Concen: 77.107 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103575.D
Acq: 12 Mar 2018 12:13

Tgt Ion: 82 Resp: 829446

Ion	Ratio	Lower	Upper
82	100		
128	42.7	36.1	54.1
54	60.6	41.4	62.2



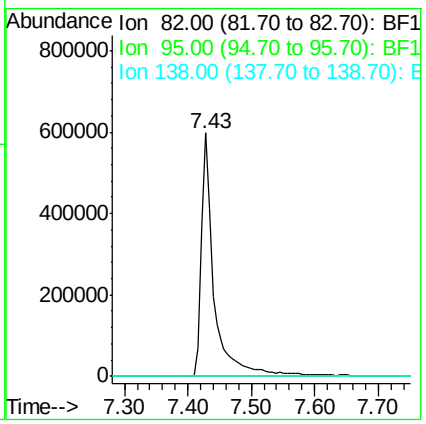


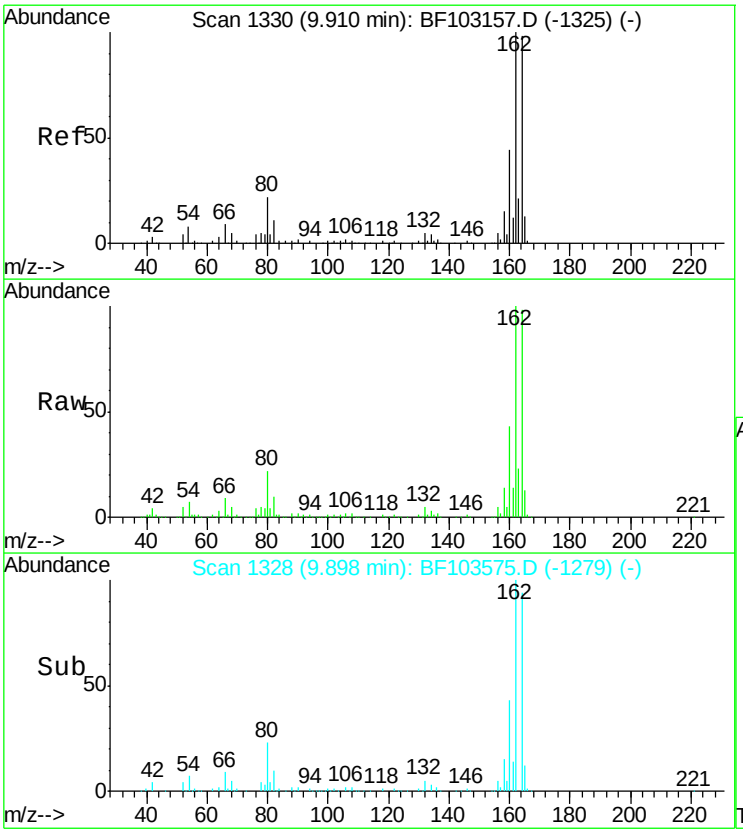
#25
Isophorone
Concen: 39.150 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.26 min
Lab File: BF103575.D
Acq: 12 Mar 2018 12:13

Instrument :
BNA_F
ClientSampleId :
TP-2-3FT

Tgt Ion: 82 Resp: 829446

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

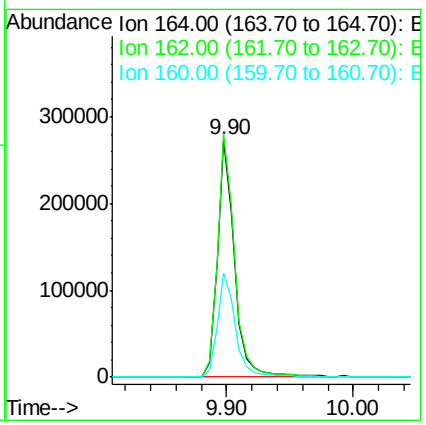


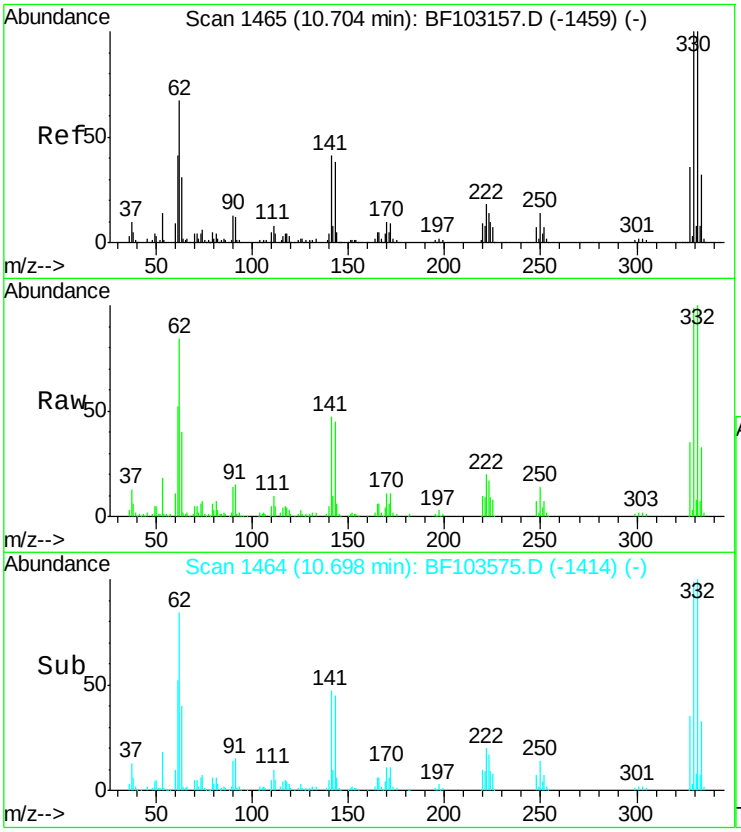


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF103575.D
Acq: 12 Mar 2018 12:13

Tgt Ion:164 Resp: 259176

Ion	Ratio	Lower	Upper
164	100		
162	102.4	86.1	129.1
160	43.8	38.3	57.5



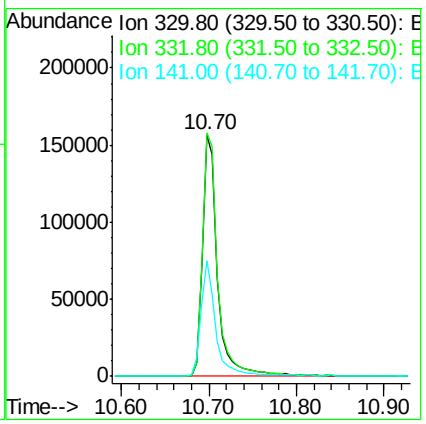


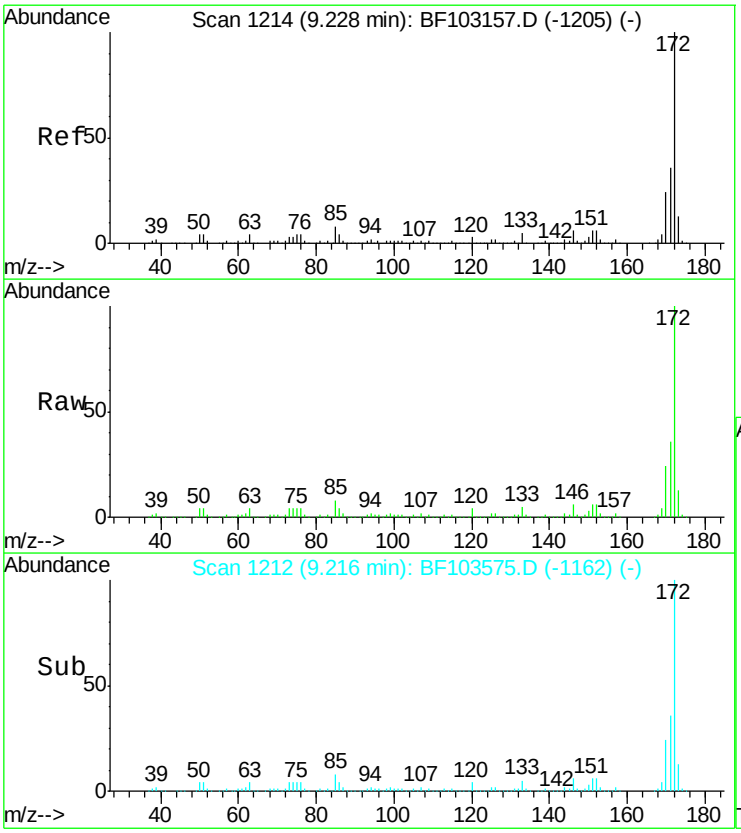
#41
2,4,6-Tribromophenol
Concen: 85.957 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF103575.D
Acq: 12 Mar 2018 12:13

Instrument :
BNA_F
ClientSampleId :
TP-2-3FT

Tgt Ion:330 Resp: 188571

Ion	Ratio	Lower	Upper
330	100		
332	102.8	77.0	115.6
141	46.7	29.9	44.9#

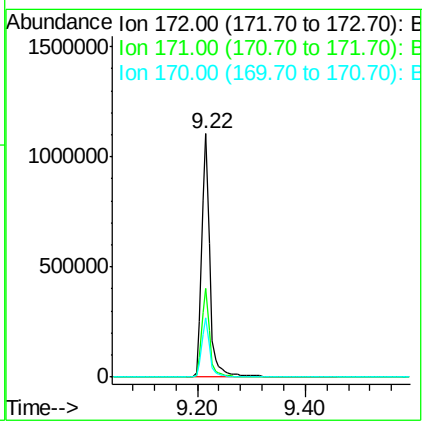


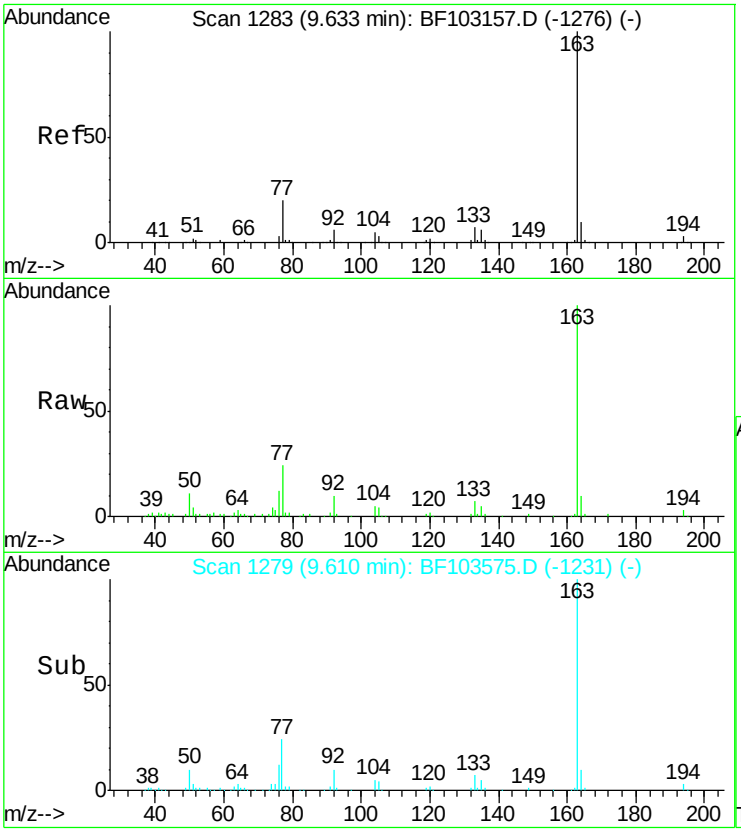


#44
2-Fluorobiphenyl
Concen: 75.584 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF103575.D
Acq: 12 Mar 2018 12:13

Tgt Ion:172 Resp: 1167813

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.2	19.6	29.4



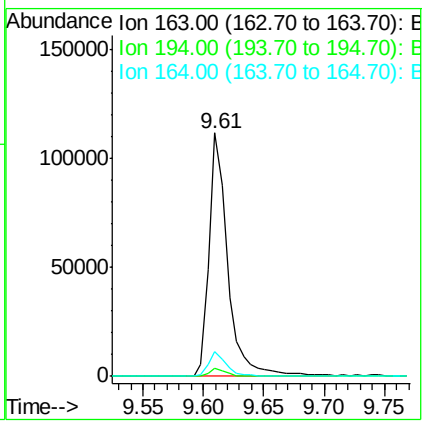


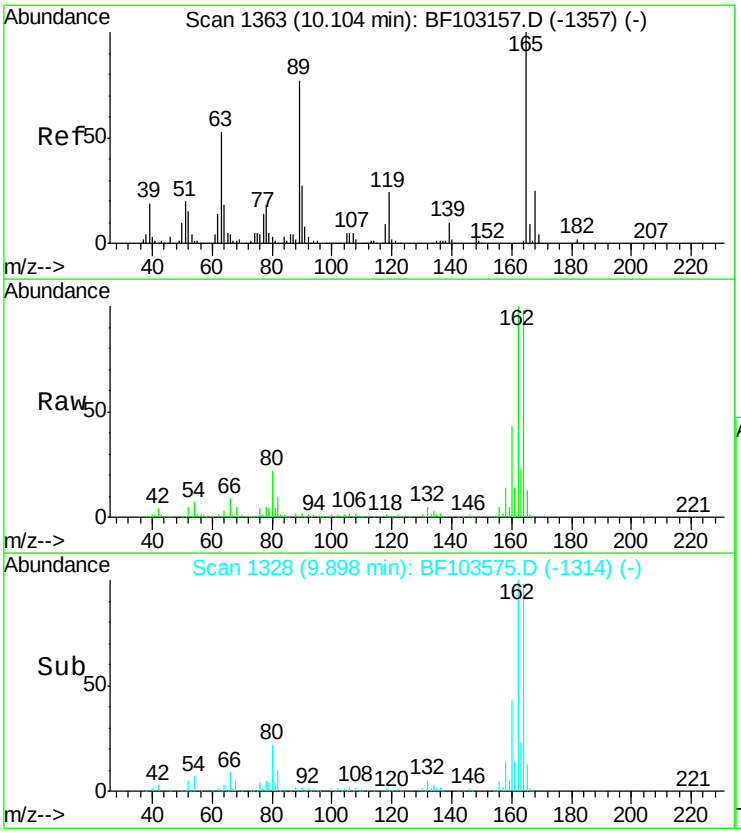
#49
Dimethylphthalate
Concen: 5.756 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF103575.D
Acq: 12 Mar 2018 12:13

Instrument :
BNA_F
ClientSampleId :
TP-2-3FT

Tgt Ion:163 Resp: 119675

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.1	8.2	12.2

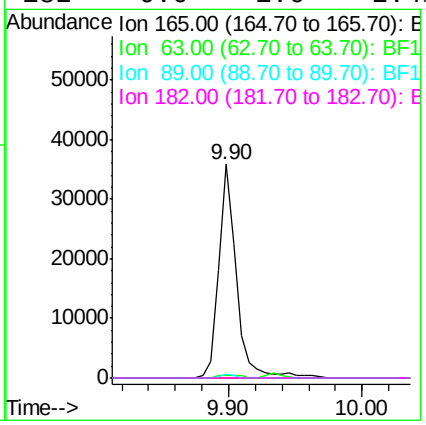


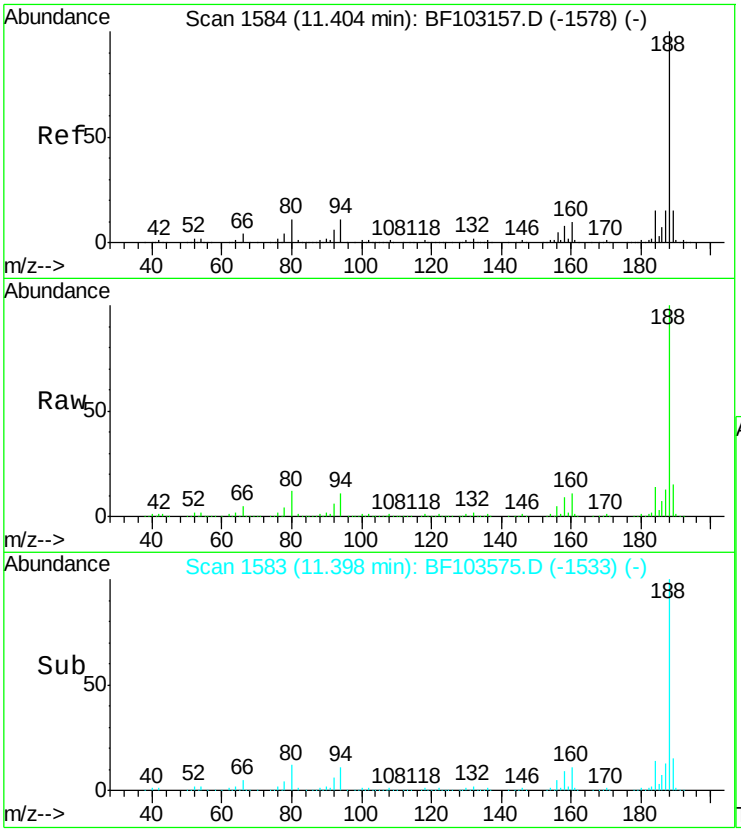


#56
2,4-Dinitrotoluene
Concen: 6.094 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.22 min
Lab File: BF103575.D
Acq: 12 Mar 2018 12:13

Tgt Ion:165 Resp: 33627

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#



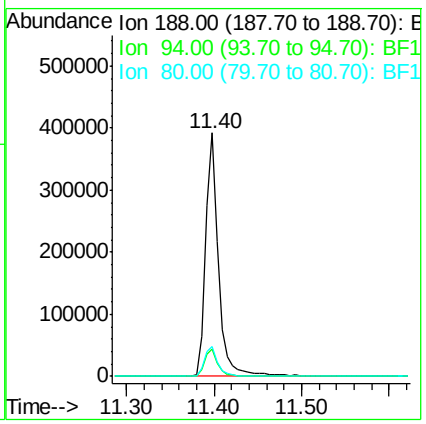


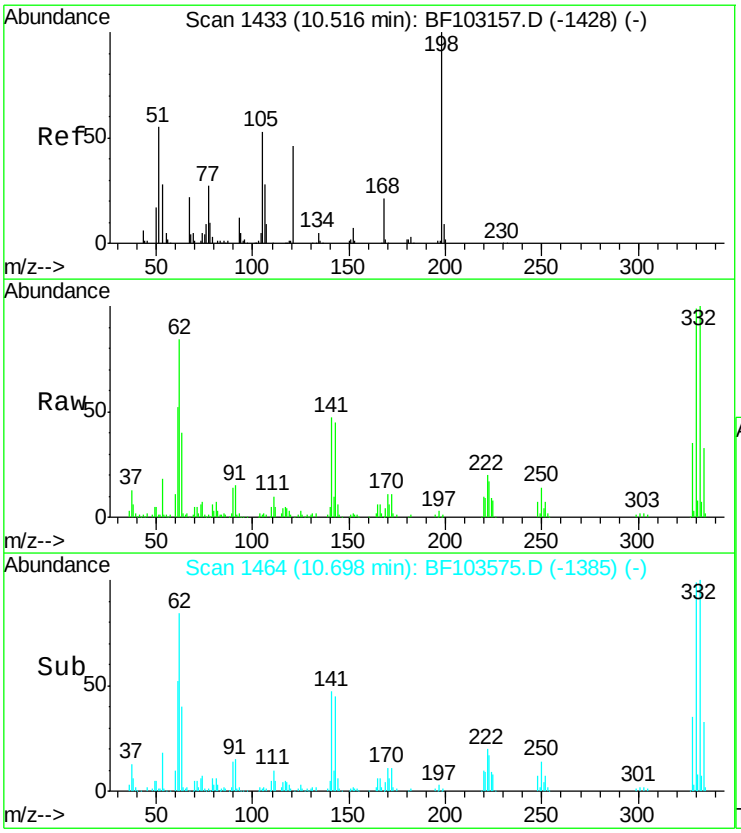
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103575.D
Acq: 12 Mar 2018 12:13

Instrument :
BNA_F
ClientSampleId :
TP-2-3FT

Tgt Ion:188 Resp: 401579

Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	12.0	9.2	13.8

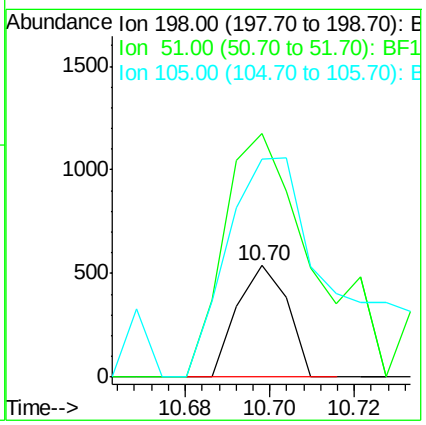


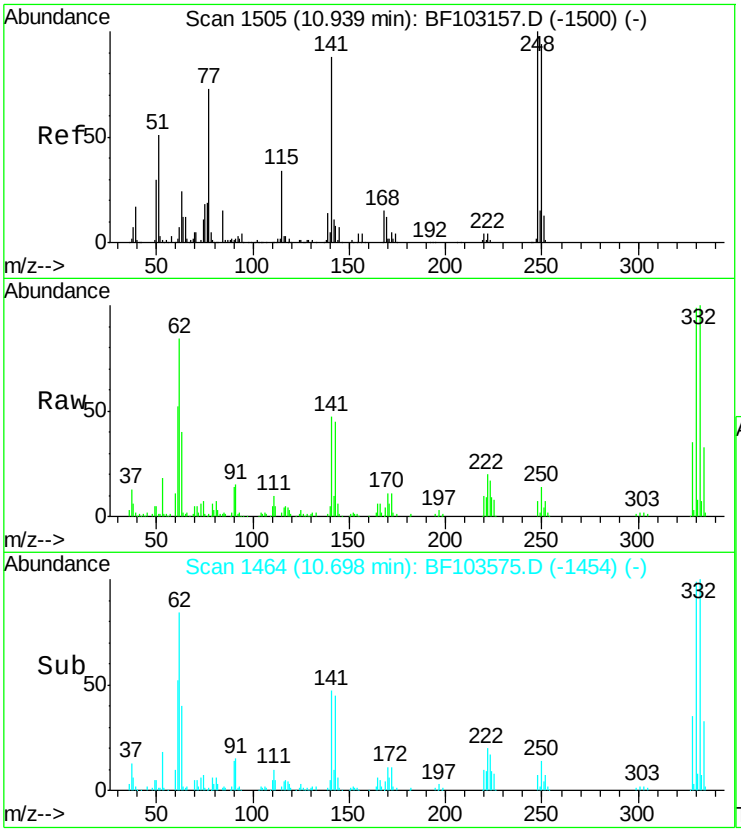


#64
4,6-Dinitro-2-methylphenol
Concen: 5.109 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.16 min
Lab File: BF103575.D
Acq: 12 Mar 2018 12:13

Tgt Ion:198 Resp: 446

Ion	Ratio	Lower	Upper
198	100		
51	218.0	37.7	77.7#
105	195.5	36.3	76.3#



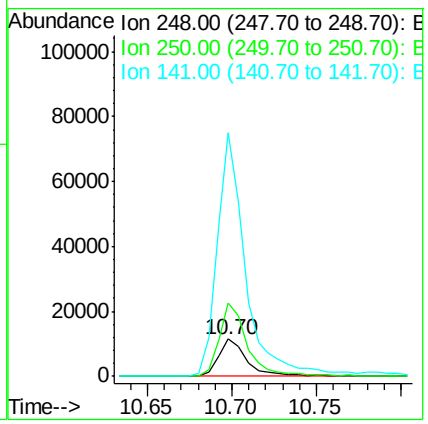


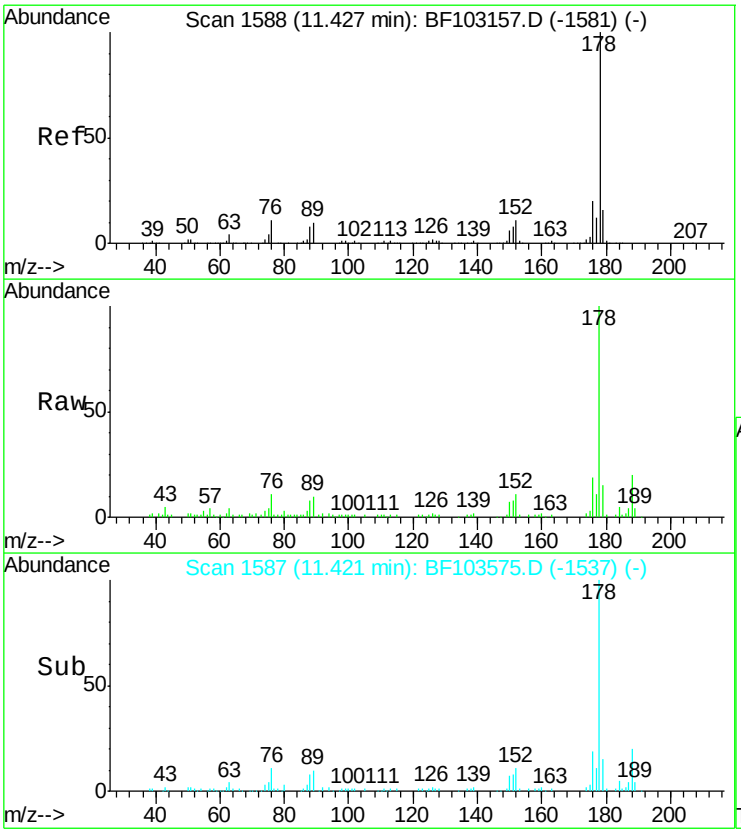
#66
4-Bromophenyl-phenylether
Concen: 3.189 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.24 min
Lab File: BF103575.D
Acq: 12 Mar 2018 12:13

Instrument :
BNA_F
ClientSampleId :
TP-2-3FT

Tgt Ion:248 Resp: 13342

Ion	Ratio	Lower	Upper
248	100		
250	196.0	76.9	115.3#
141	651.1	74.4	111.6#

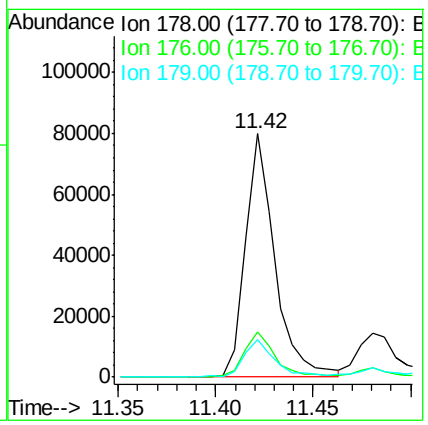


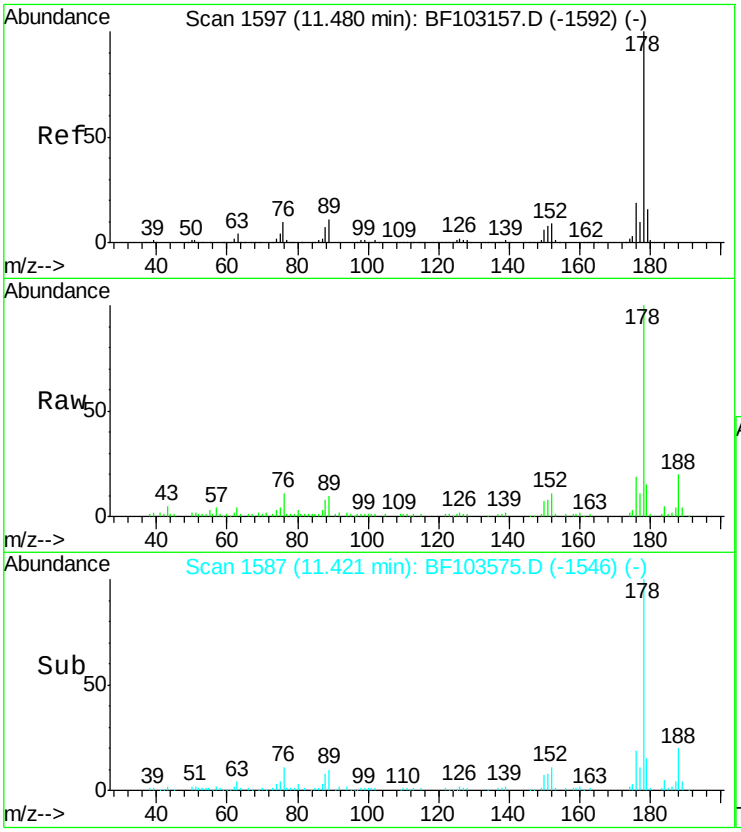


#70
Phenanthrene
Concen: 3.787 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF103575.D
Acq: 12 Mar 2018 12:13

Tgt Ion:178 Resp: 83695

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.3	13.0	19.6



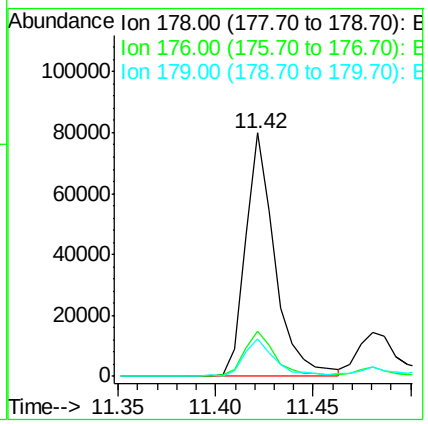


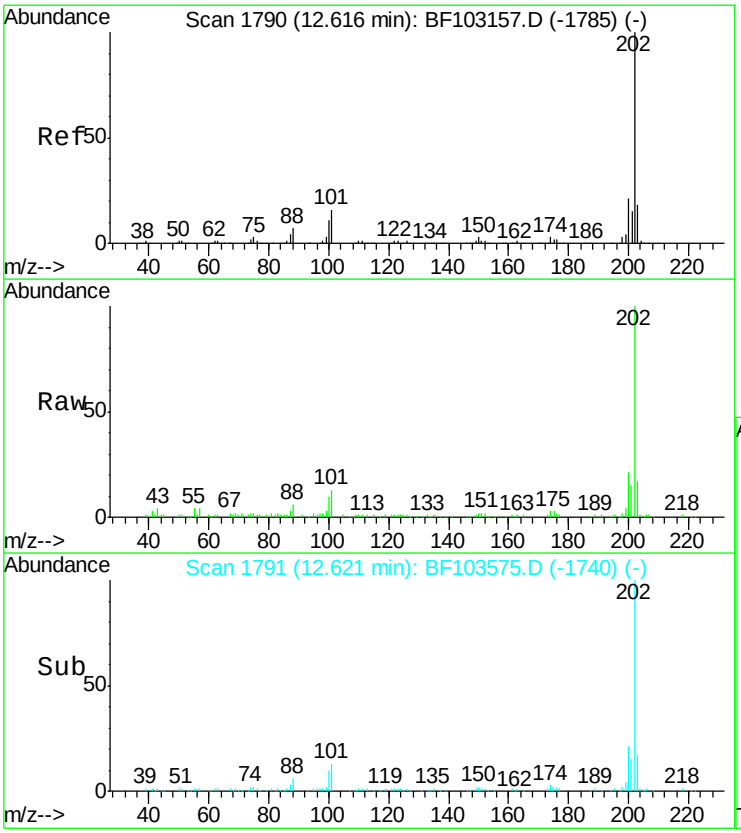
#71
Anthracene
Concen: 3.693 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.06 min
Lab File: BF103575.D
Acq: 12 Mar 2018 12:13

Instrument :
BNA_F
ClientSampleId :
TP-2-3FT

Tgt Ion:178 Resp: 83695

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.3	12.6	19.0

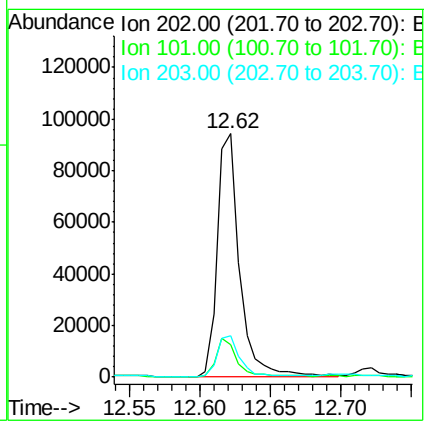


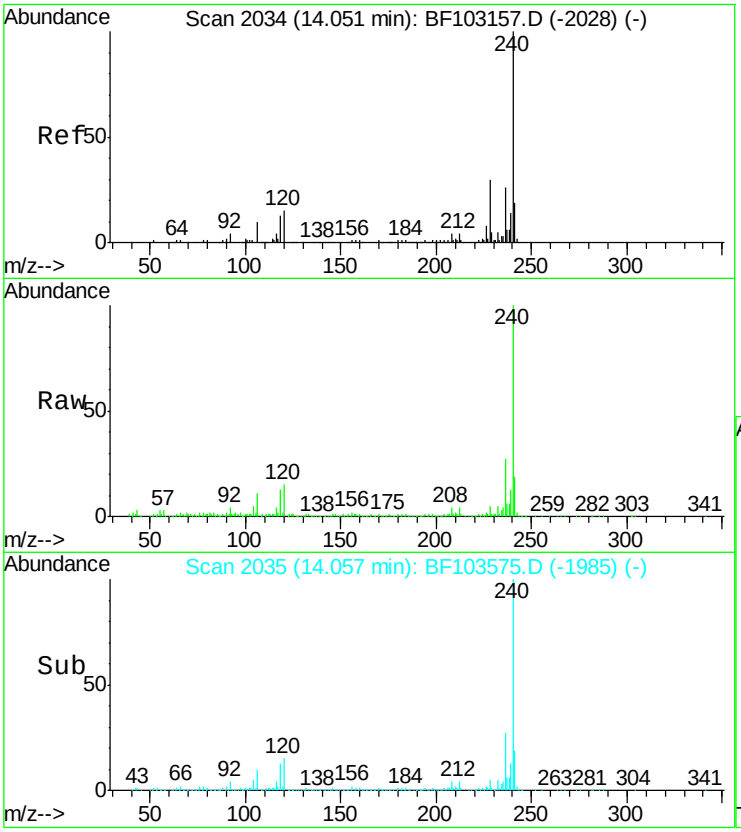


#74
Fluoranthene
Concen: 4.705 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BF103575.D
Acq: 12 Mar 2018 12:13

Tgt Ion:202 Resp: 104492

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	34.1
203	17.1	0.0	38.1



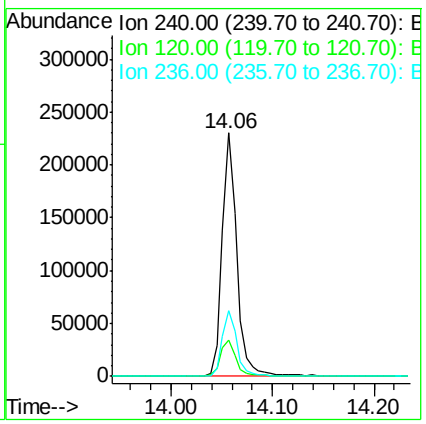


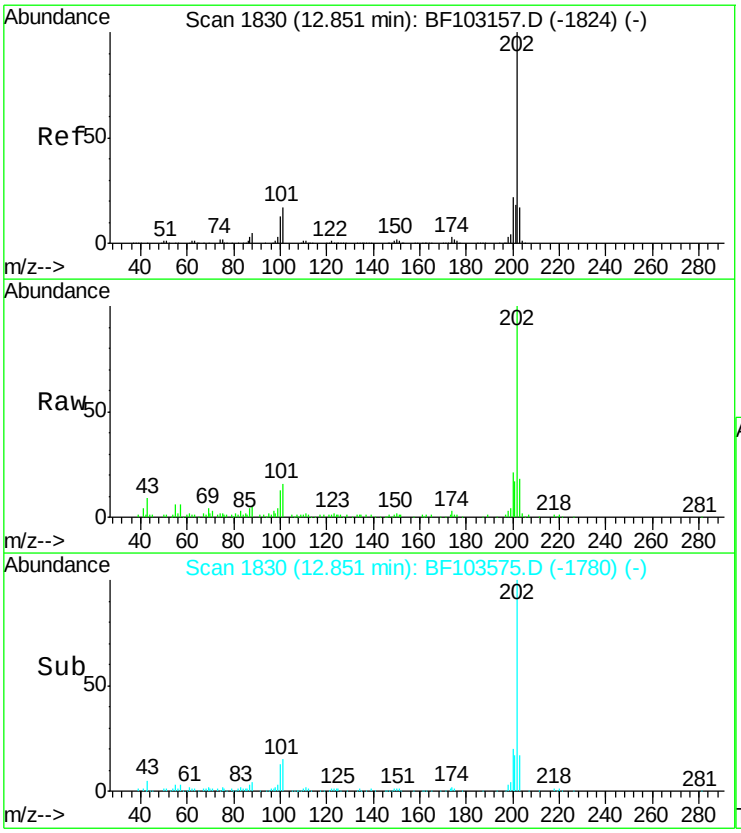
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF103575.D
Acq: 12 Mar 2018 12:13

Instrument :
BNA_F
ClientSampleId :
TP-2-3FT

Tgt Ion:240 Resp: 232587

Ion	Ratio	Lower	Upper
240	100		
120	15.1	9.5	14.3#
236	27.1	20.7	31.1

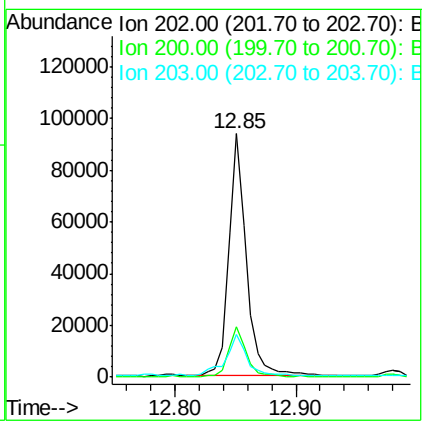


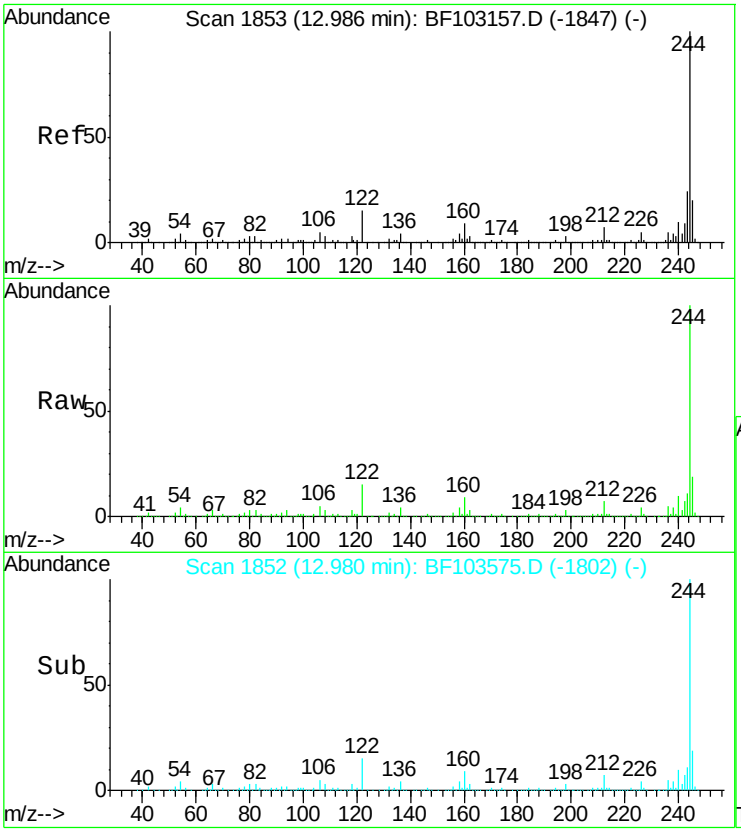


#77
Pyrene
Concen: 5.271 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF103575.D
Acq: 12 Mar 2018 12:13

Tgt Ion:202 Resp: 95577

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	17.5	14.3	21.5



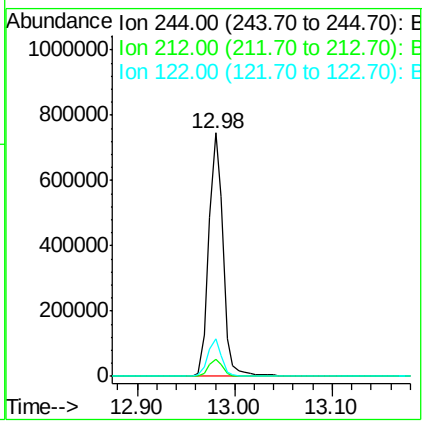


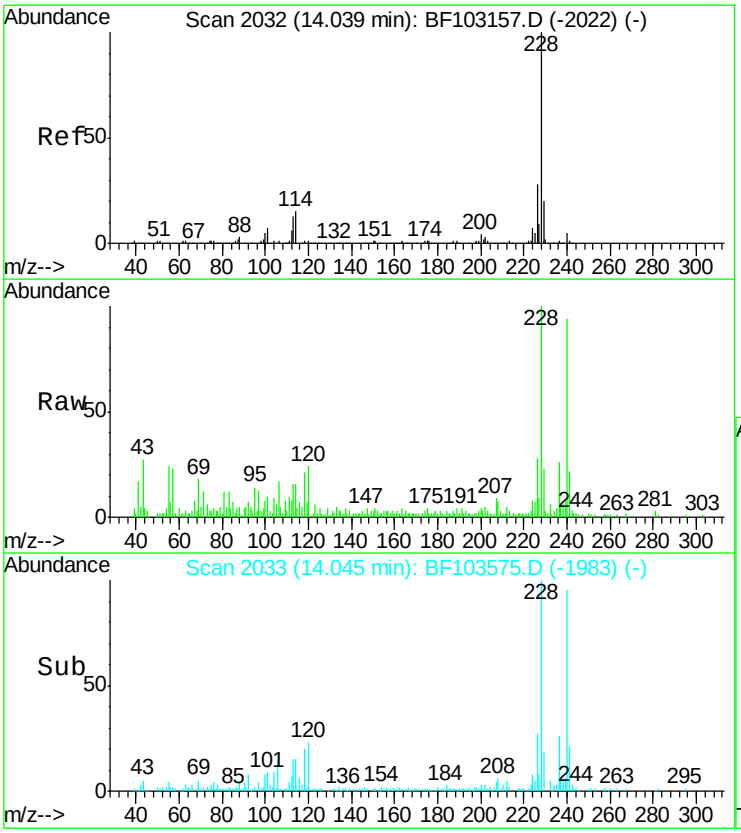
#78
Terphenyl-d14
Concen: 78.053 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF103575.D
Acq: 12 Mar 2018 12:13

Instrument :
BNA_F
ClientSampleId :
TP-2-3FT

Tgt Ion:244 Resp: 755205

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	15.2	11.0	16.4

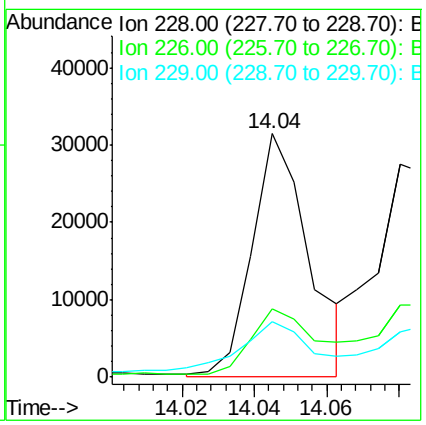


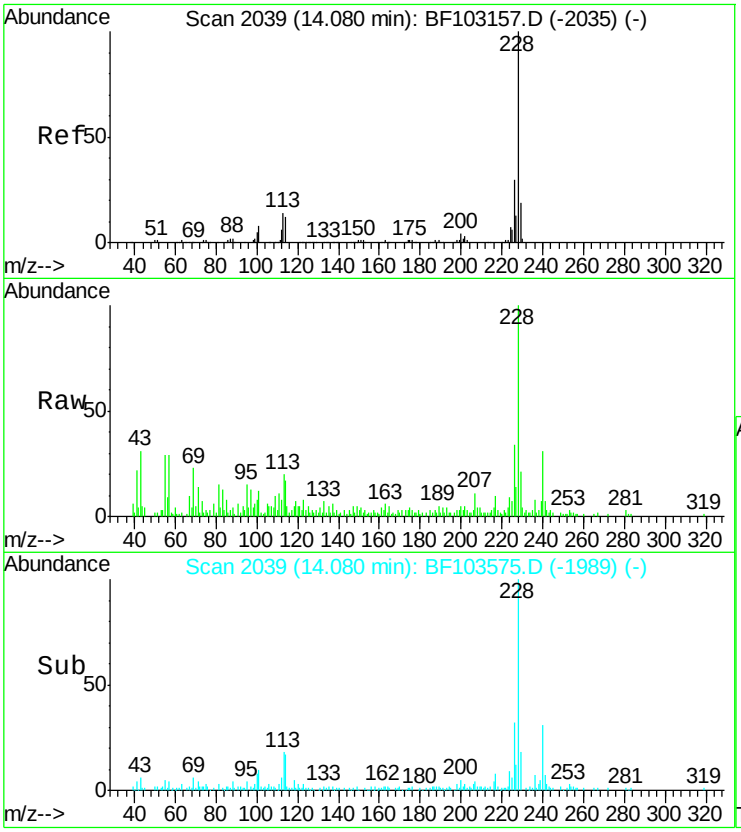


#80
Benzo(a)anthracene
Concen: 2.253 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103575.D
Acq: 12 Mar 2018 12:13

Tgt Ion:228 Resp: 33996

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	22.7	15.8	23.6



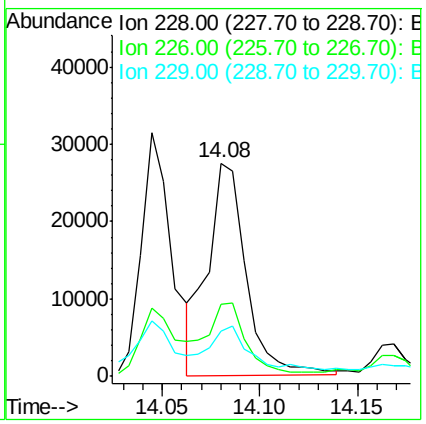


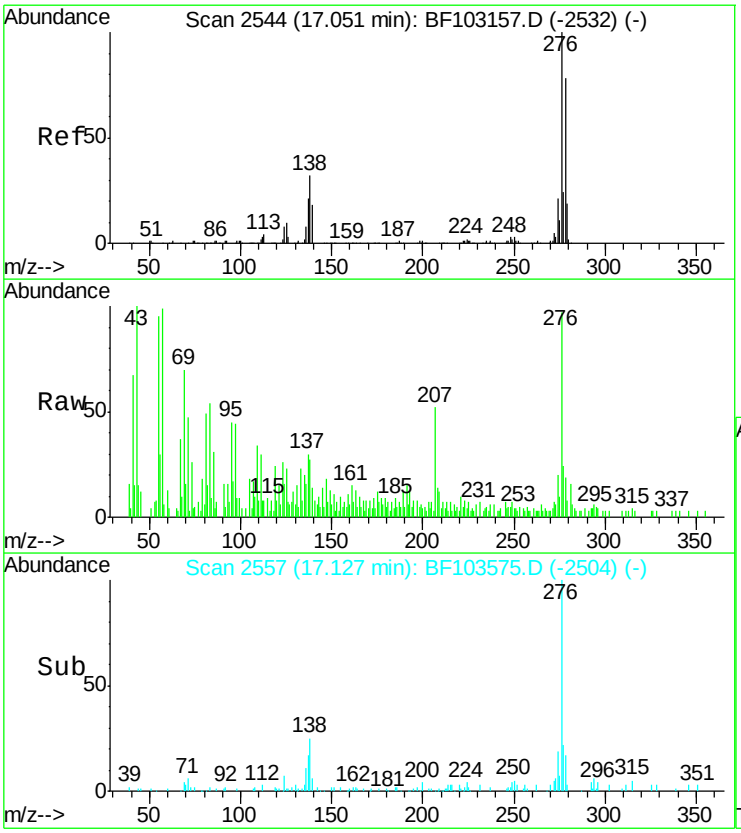
#82
Chrysene
Concen: 2.583 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF103575.D
Acq: 12 Mar 2018 12:13

Instrument :
BNA_F
ClientSampleId :
TP-2-3FT

Tgt Ion:228 Resp: 37856

Ion	Ratio	Lower	Upper
228	100		
226	33.8	25.0	37.6
229	21.4	16.2	24.4

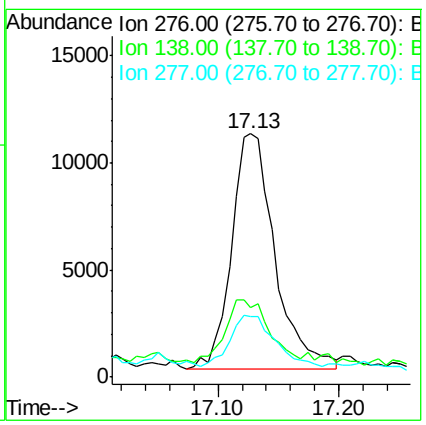


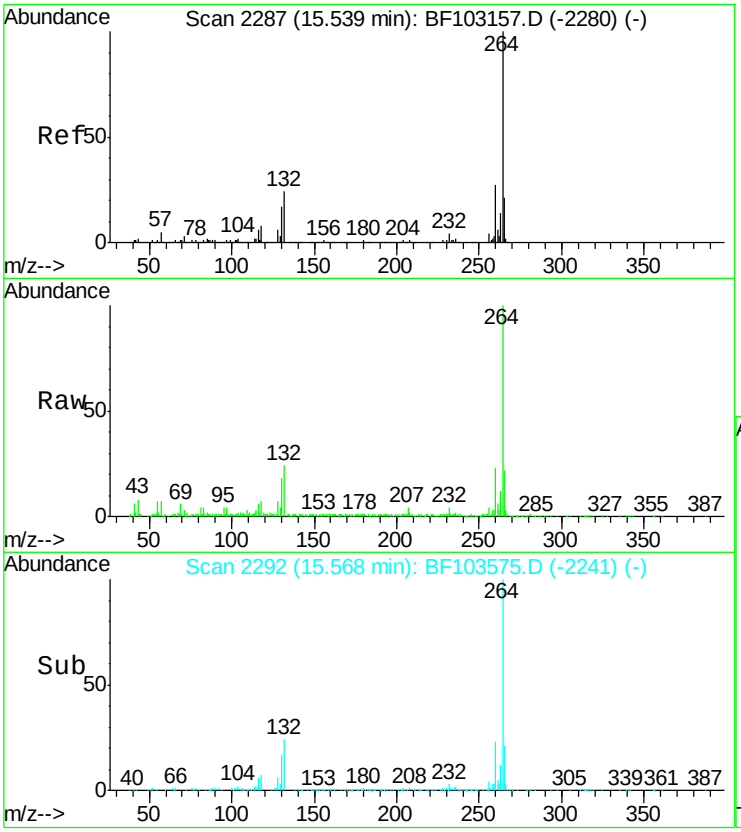


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.356 ng
RT: 17.13 min Scan# 2557
Delta R.T. 0.01 min
Lab File: BF103575.D
Acq: 12 Mar 2018 12:13

Tgt Ion:276 Resp: 27334

Ion	Ratio	Lower	Upper
276	100		
138	27.3	25.0	37.6
277	22.1	20.1	30.1



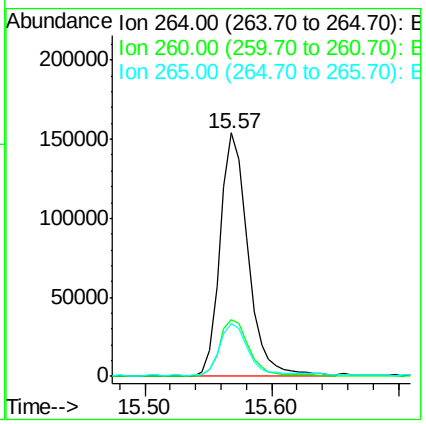


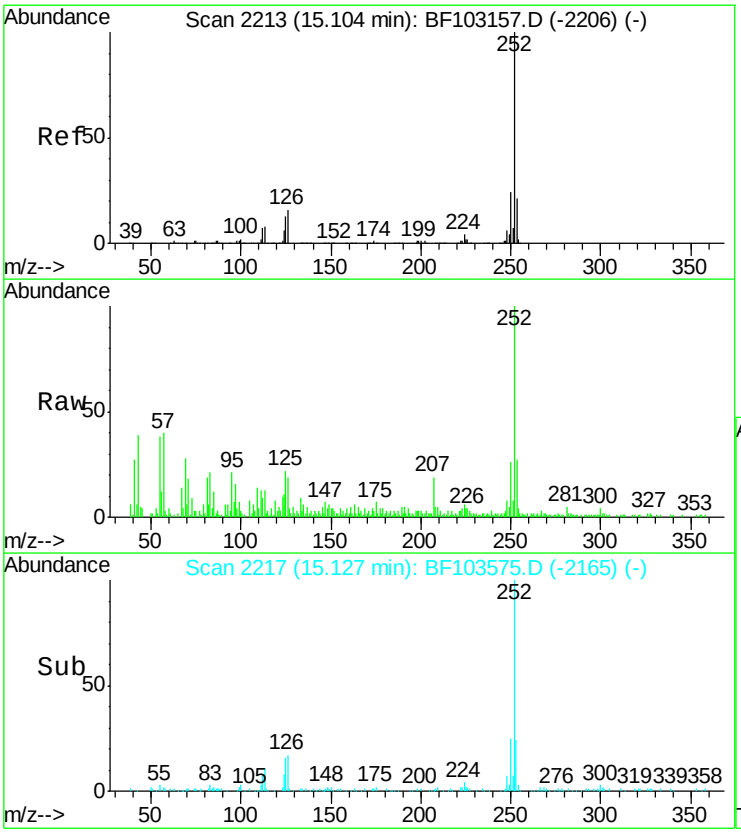
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BF103575.D
Acq: 12 Mar 2018 12:13

Instrument :
BNA_F
ClientSampleId :
TP-2-3FT

Tgt Ion:264 Resp: 238033

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.7	17.5	26.3

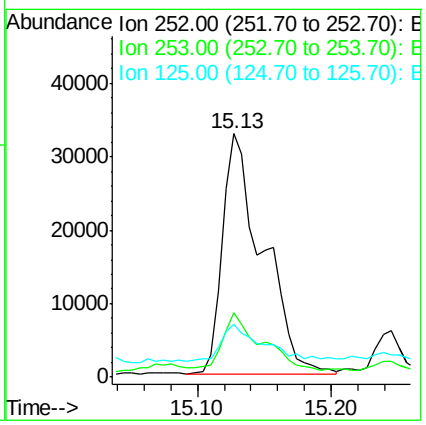


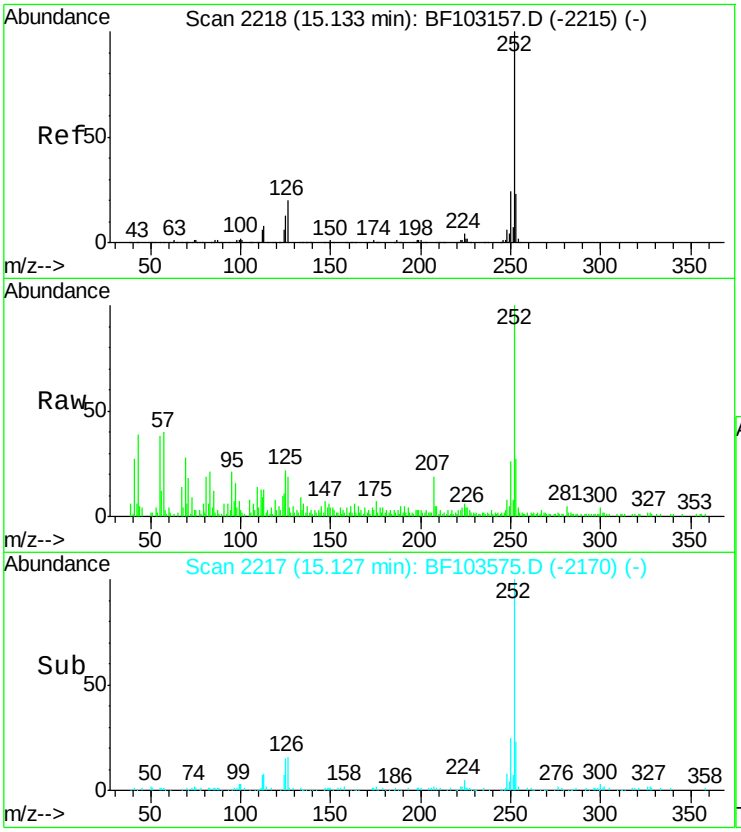


#87
Benzo(b)fluoranthene
Concen: 4.397 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF103575.D
Acq: 12 Mar 2018 12:13

Tgt Ion:252 Resp: 68815

Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.0	25.6#
125	21.7	9.0	13.6#



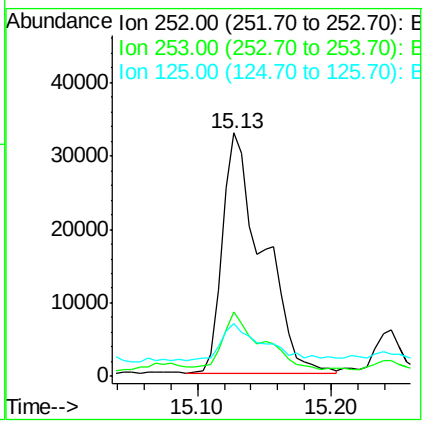


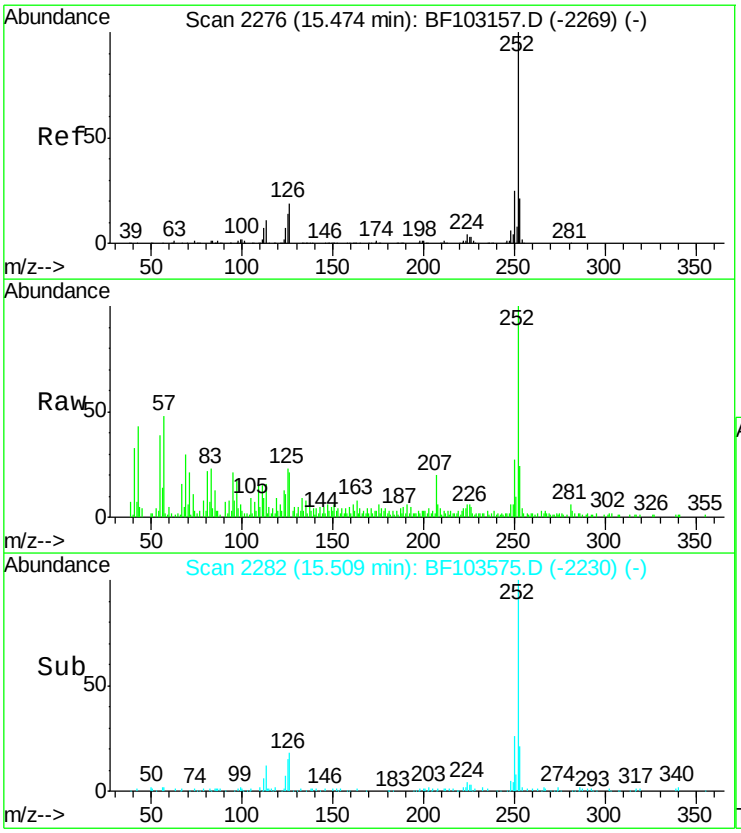
#88
Benzo(k)fluoranthene
Concen: 4.669 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.02 min
Lab File: BF103575.D
Acq: 12 Mar 2018 12:13

Instrument :
BNA_F
ClientSampleId :
TP-2-3FT

Tgt Ion:252 Resp: 68815

Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.9	26.9
125	21.7	10.2	15.2#

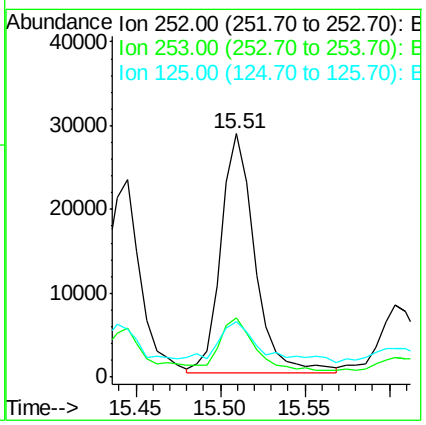


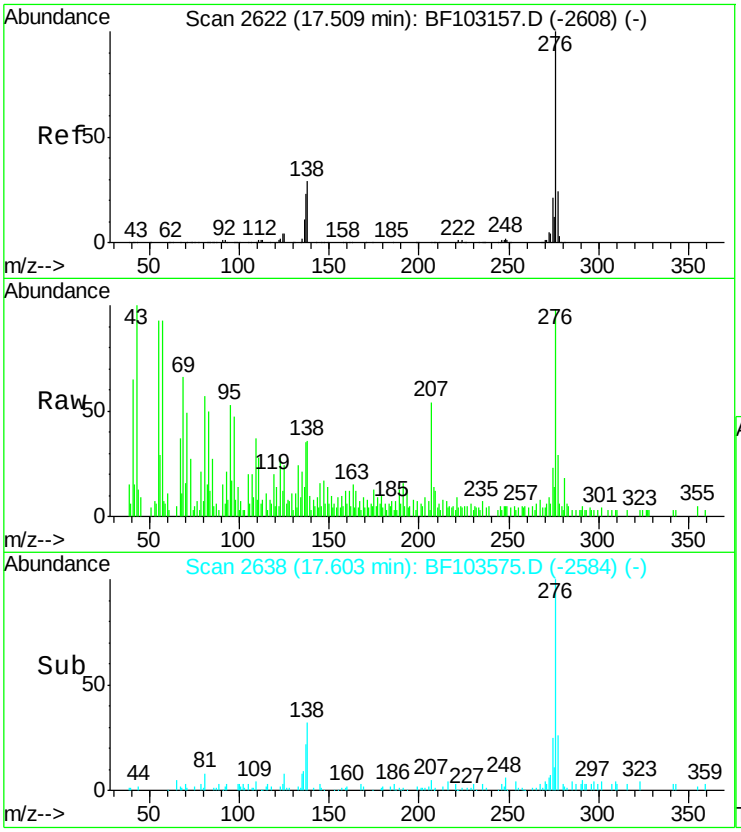


#89
Benzo(a)pyrene
Concen: 2.856 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF103575.D
Acq: 12 Mar 2018 12:13

Tgt Ion:252 Resp: 39916

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.1	25.7
125	22.8	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 3.006 ng
RT: 17.60 min Scan# 2638
Delta R.T. 0.02 min
Lab File: BF103575.D
Acq: 12 Mar 2018 12:13

Instrument :
BNA_F
ClientSampleId :
TP-2-3FT

Tgt Ion:276 Resp: 31727

Ion	Ratio	Lower	Upper
276	100		
277	30.0	17.9	26.9#
138	36.9	21.8	32.8#