Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF012818\
Data File : BF102574.D
Acq On : 28 Jan 2018 22:51
Operator : SJ/JU
Sample : J1290-12 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 29 03:20:42 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 20:48:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	172445	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	653806	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	246525	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	339903	20.00	ng		0.00
75) Chrysene-d12	13.88	240	309700	20.00	ng		0.00
86) Perylene-d12	15.32	264	221021	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	666572	58.61	ng		0.00
7) Phenol-d6	6.36	99	801322	58.44	ng		0.00
23) Nitrobenzene-d5	7.28	82	449644	39.52	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	99385	40.69	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	651144	38.84	ng		0.00
78) Terphenyl-d14	12.82	244	428115	31.16	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.37	94	37230	2.487	ng		85
19) n-Nitroso-di-n-propylamine	7.28	70	57501	6.853	ng	#	79
25) Isophorone	7.28	82	449642	22.169	ng	#	64
49) Dimethylphthalate	9.47	163	87546	4.296	ng		99
50) 2,6-Dinitrotoluene	9.75	165	30799	7.011	ng	#	27
56) 2,4-Dinitrotoluene	9.75	165	30799	5.701	ng	#	24
70) Phenanthrene	11.26	178	121056	6.112	ng		98
74) Fluoranthene	12.45	202	233359	11.553	ng		96
77) Pyrene	12.68	202	228031	9.523	ng		98
80) Benzo(a)anthracene	13.87	228	127513	6.688	ng		96
82) Chrysene	13.90	228	107820	5.568	ng		97
85) Indeno(1,2,3-cd)pyrene	16.72	276	36302	2.270	ng		94
87) Benzo(b)fluoranthene	14.90	252	143110	9.990	ng	#	77
88) Benzo(k)fluoranthene	14.90	252	143110	10.574	ng	#	80
89) Benzo(a)pyrene	15.25	252	70414	5.450	ng	#	90
91) Benzo(g,h,i)perylene	17.14	276	35045	3.391	ng	#	87

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

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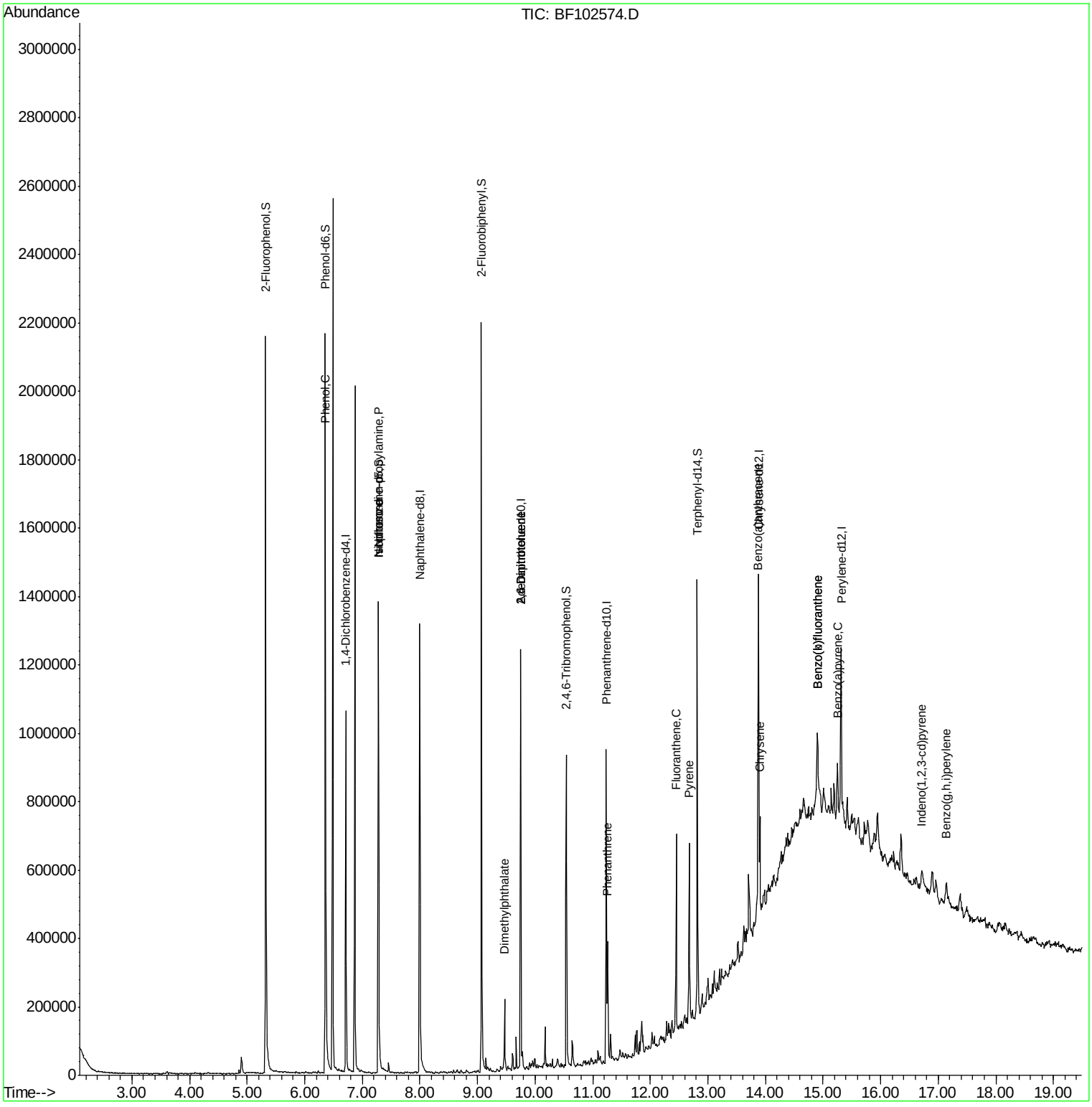
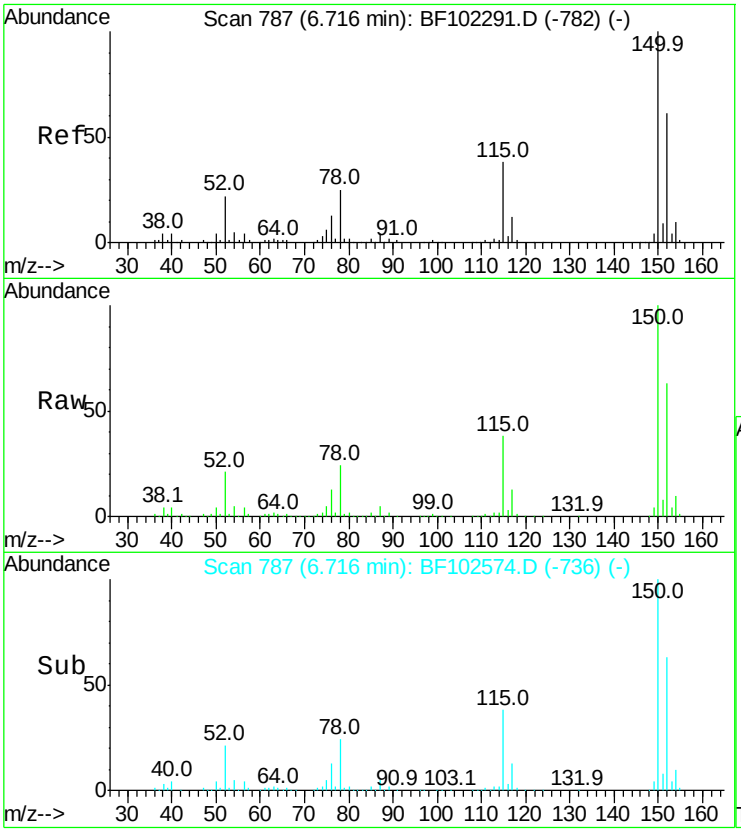


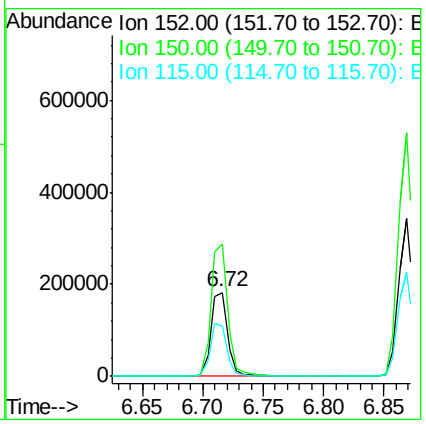


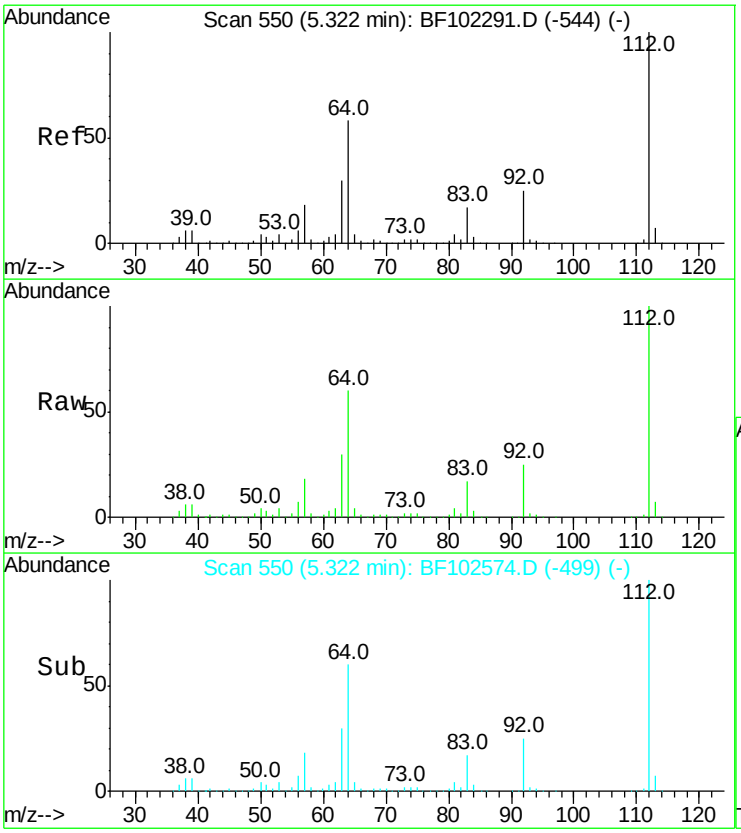
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102574.D
Acq: 28 Jan 2018 22:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 172445

Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	60.8	50.1	75.1

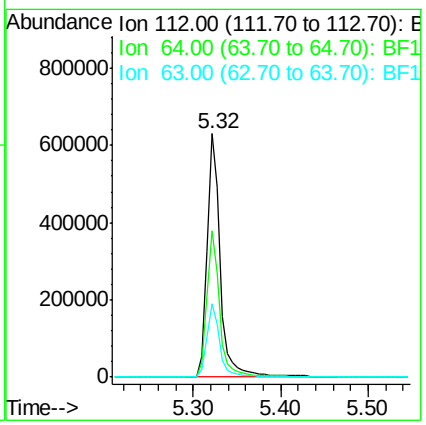


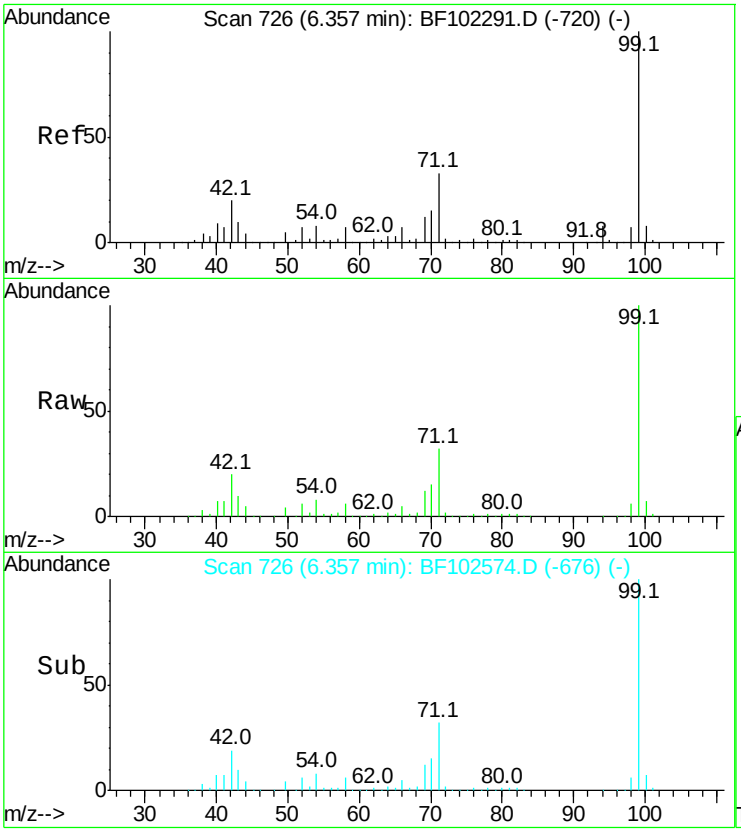


#5
2-Fluorophenol
Concen: 58.610 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF102574.D
Acq: 28 Jan 2018 22:51

Tgt Ion:112 Resp: 666572

Ion	Ratio	Lower	Upper
112	100		
64	60.2	47.9	71.9
63	29.9	23.7	35.5



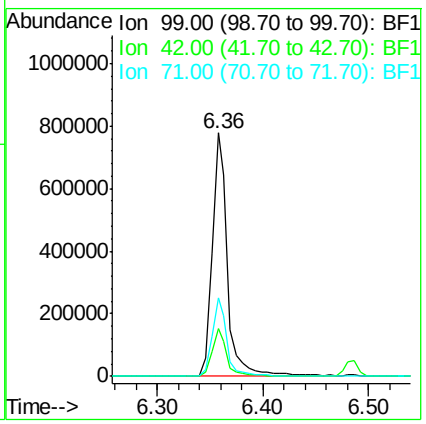


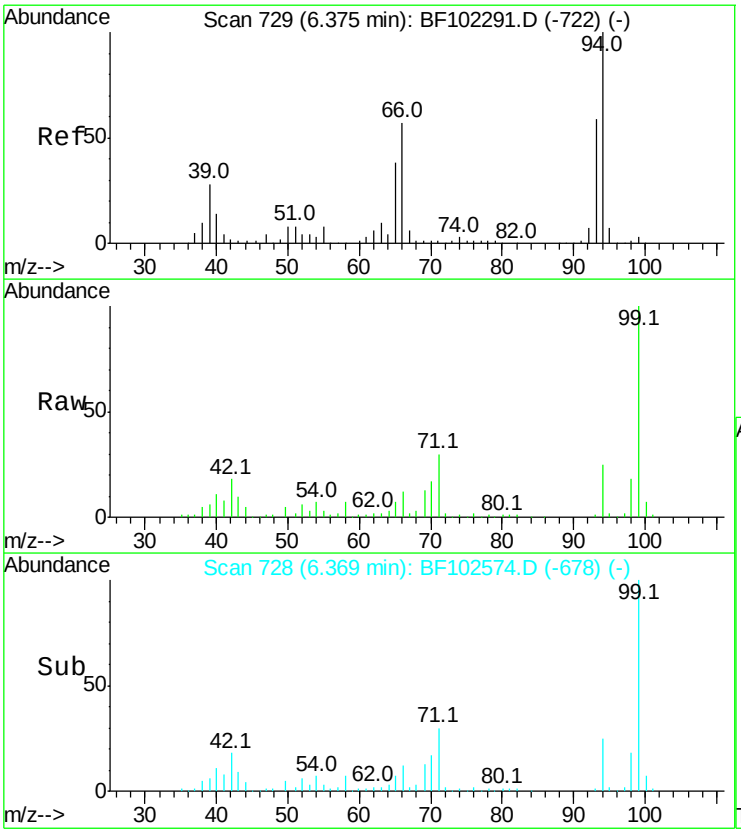
#7
Phenol-d6
Concen: 58.443 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF102574.D
Acq: 28 Jan 2018 22:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 801322

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	32.3	25.4	38.0

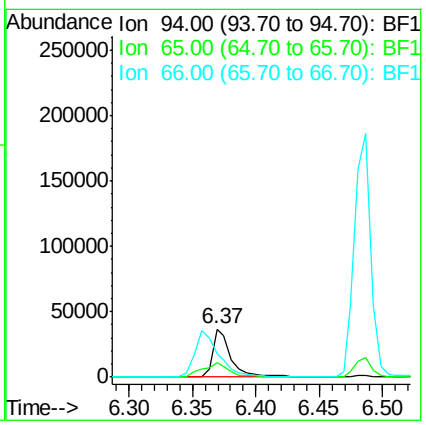


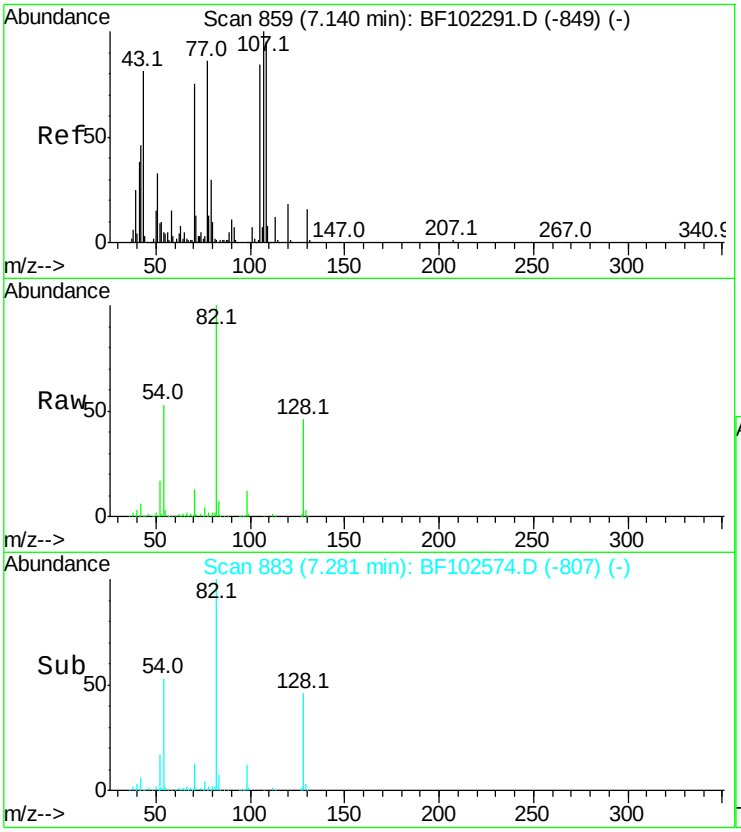


#10
Phenol
Concen: 2.487 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF102574.D
Acq: 28 Jan 2018 22:51

Tgt Ion: 94 Resp: 37230

Ion	Ratio	Lower	Upper
94	100		
65	30.1	7.9	47.9
66	49.8	16.2	56.2



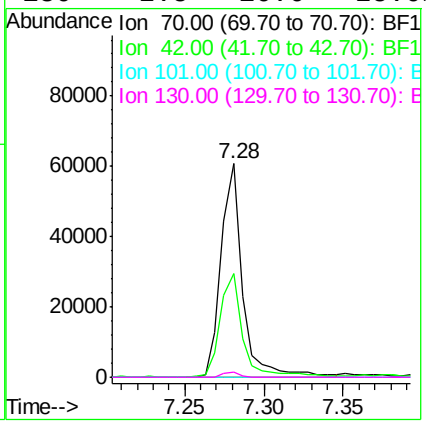


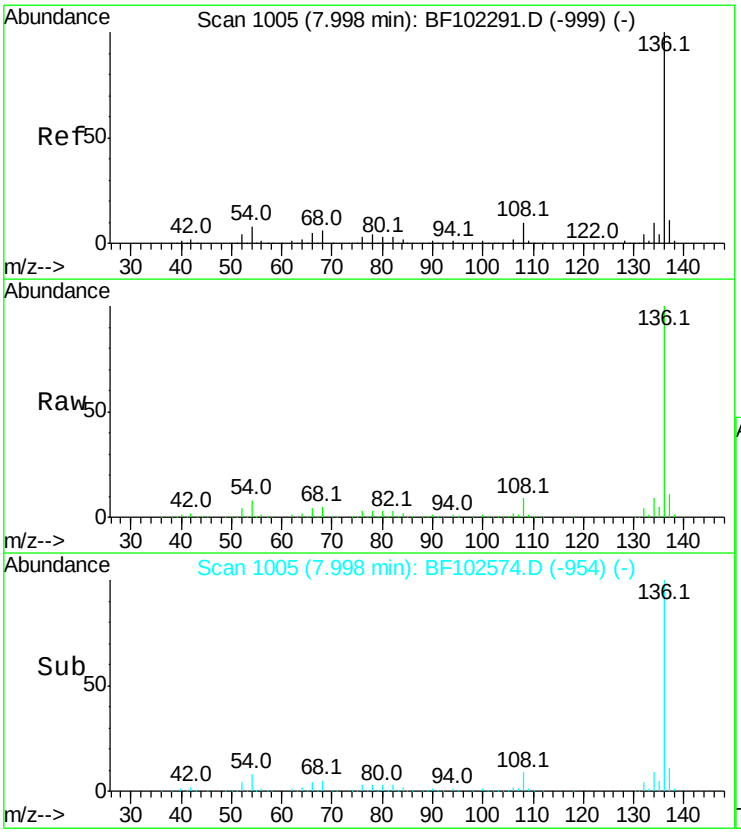
#19
n-Nitroso-di-n-propylamine
Concen: 6.853 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF102574.D
Acq: 28 Jan 2018 22:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 57501

Ion	Ratio	Lower	Upper
70	100		
42	48.5	47.5	71.3
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#

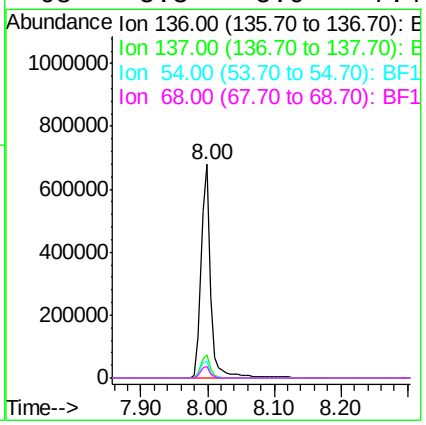


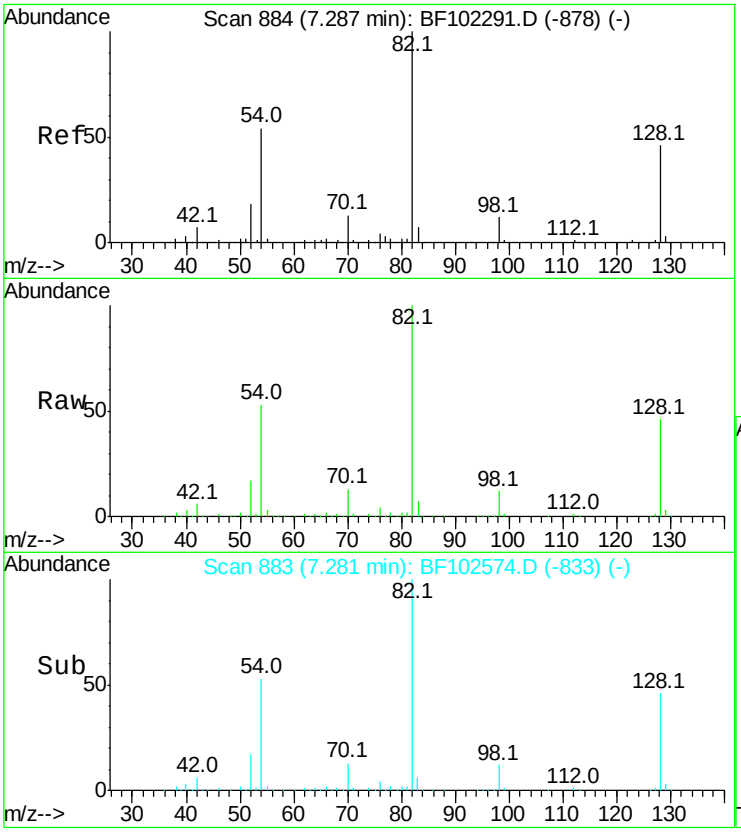


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF102574.D
Acq: 28 Jan 2018 22:51

Tgt Ion:136 Resp: 653806

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.9	6.6	9.8
68	5.3	5.0	7.4



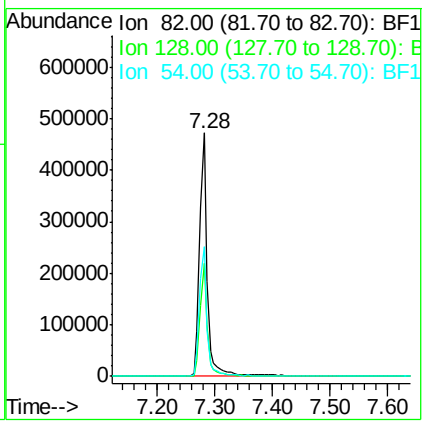


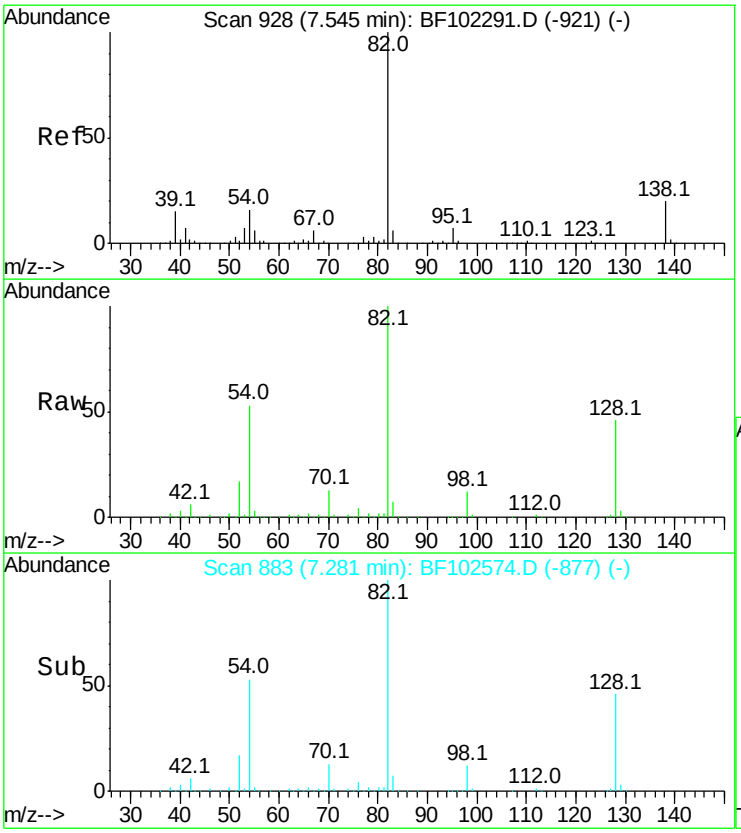
#23
Nitrobenzene-d5
Concen: 39.522 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102574.D
Acq: 28 Jan 2018 22:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 449644

Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	53.1	41.4	62.2

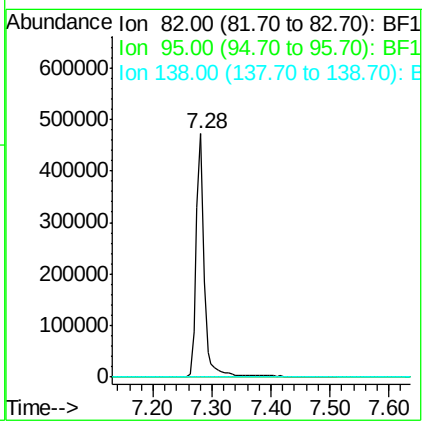


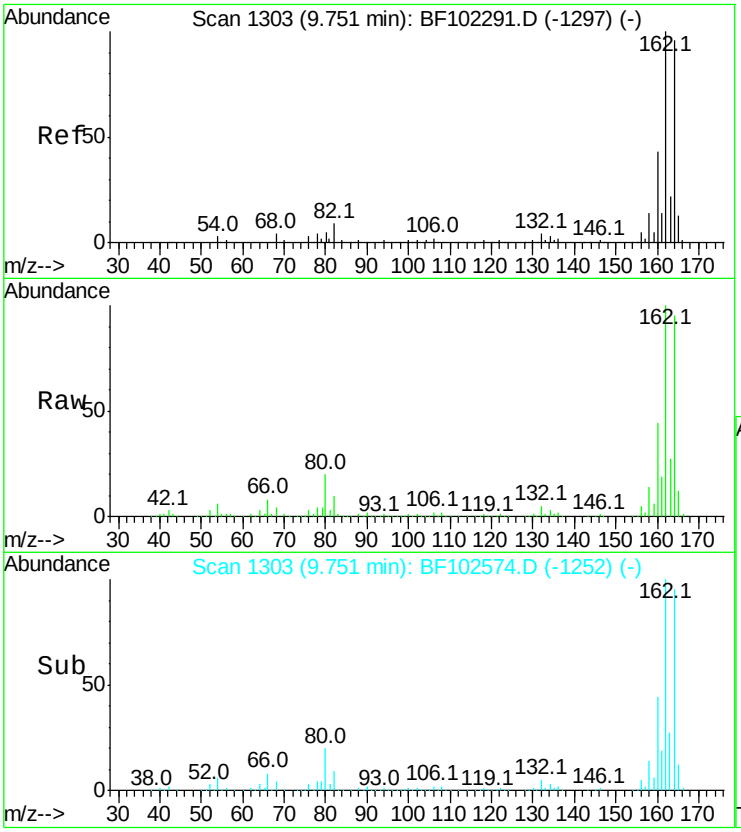


#25
Isophorone
Concen: 22.169 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF102574.D
Acq: 28 Jan 2018 22:51

Tgt Ion: 82 Resp: 449642

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#



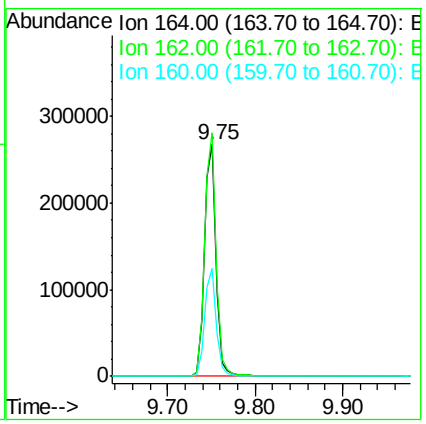


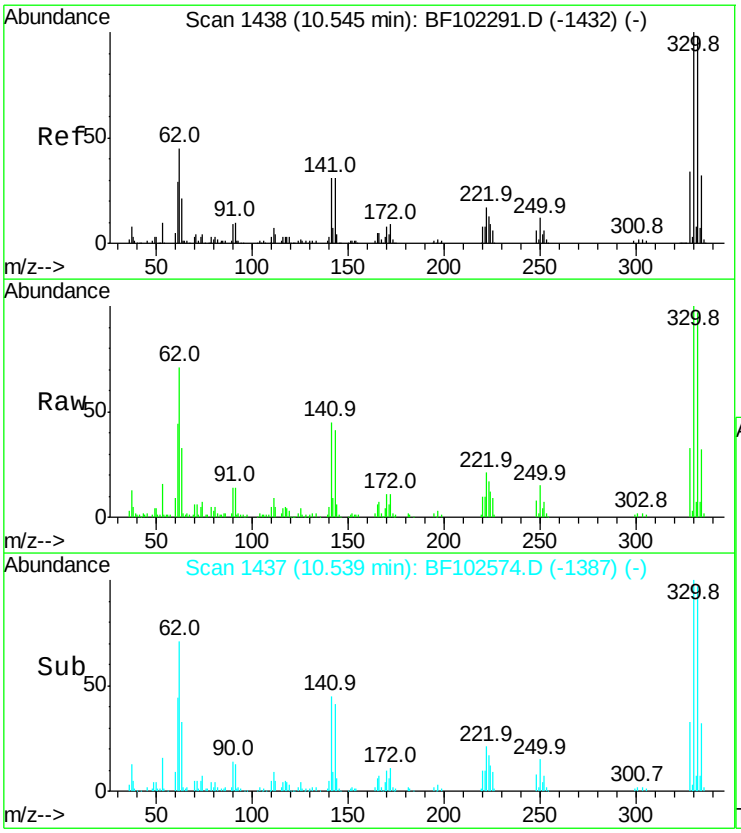
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF102574.D
Acq: 28 Jan 2018 22:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 246525

Ion	Ratio	Lower	Upper
164	100		
162	105.2	86.1	129.1
160	46.5	38.3	57.5

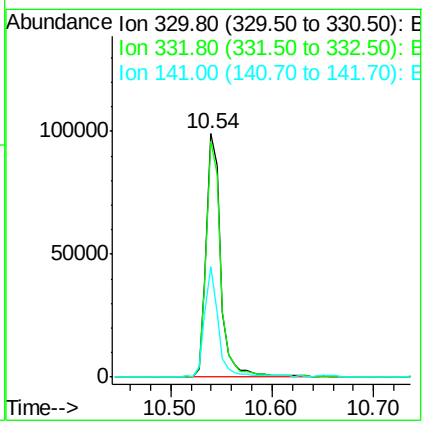


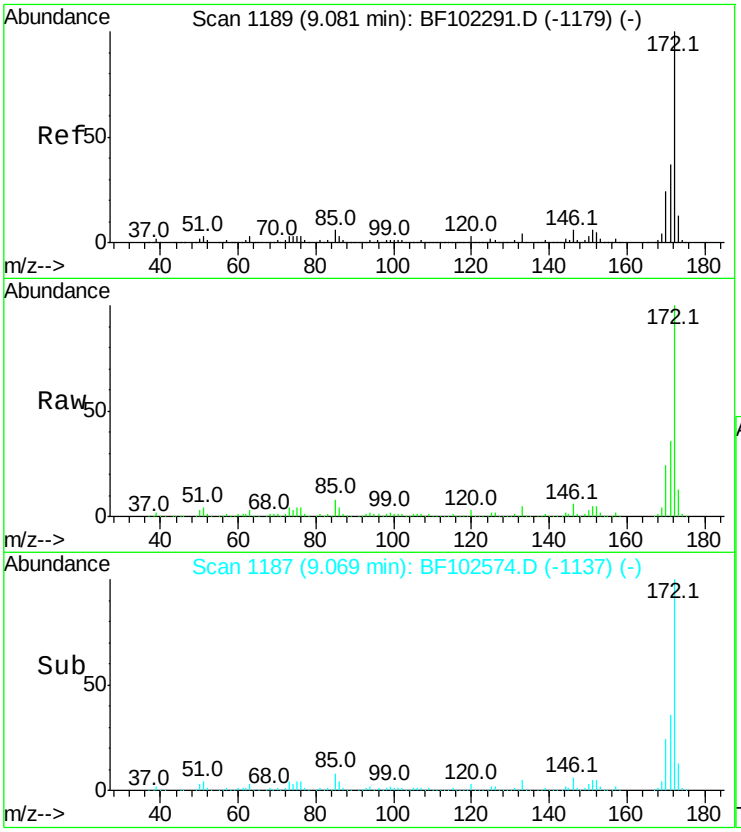


#41
2,4,6-Tribromophenol
Concen: 40.686 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF102574.D
Acq: 28 Jan 2018 22:51

Tgt Ion:330 Resp: 99385

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	43.6	29.9	44.9



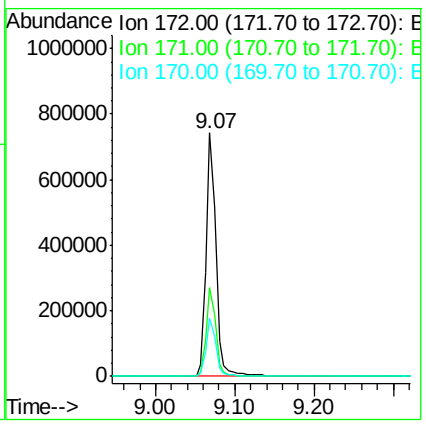


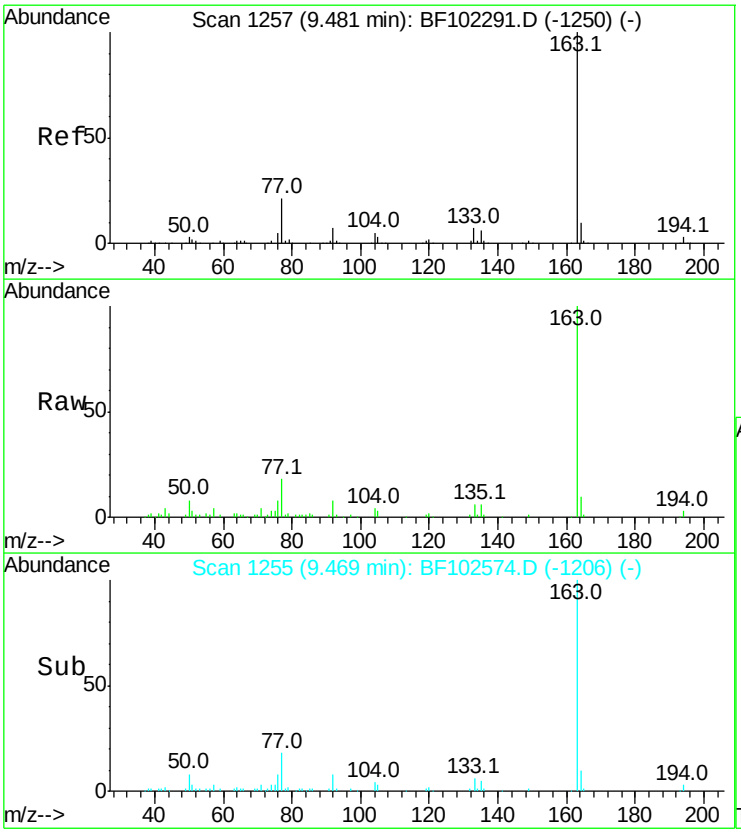
#44
2-Fluorobiphenyl
Concen: 38.836 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF102574.D
Acq: 28 Jan 2018 22:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 651144

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.9	19.6	29.4

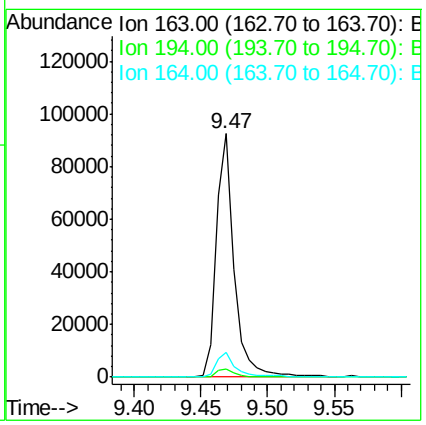


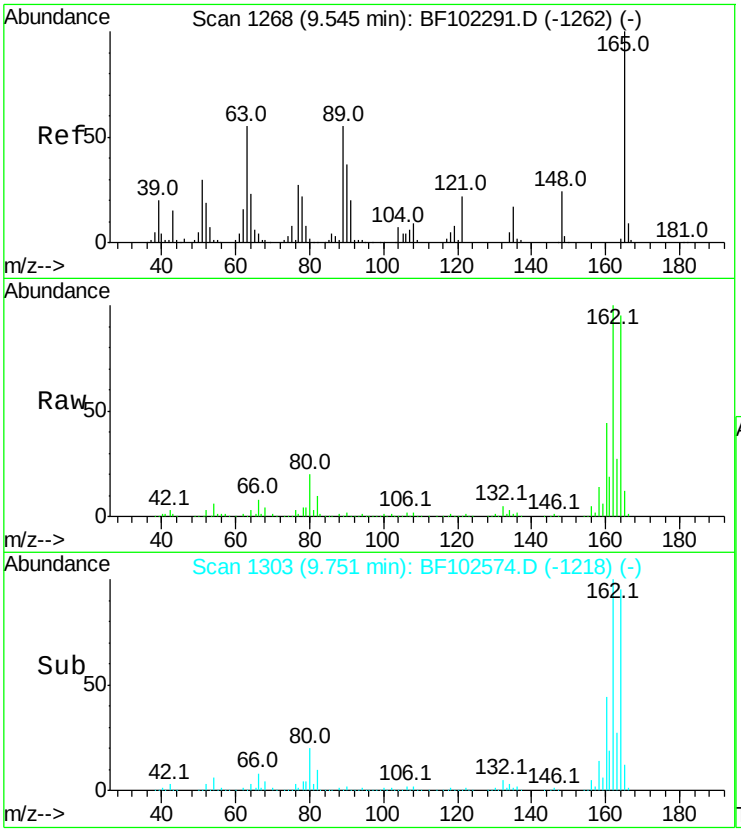


#49
Dimethylphthalate
Concen: 4.296 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102574.D
Acq: 28 Jan 2018 22:51

Tgt Ion:163 Resp: 87546

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	10.0	8.2	12.2



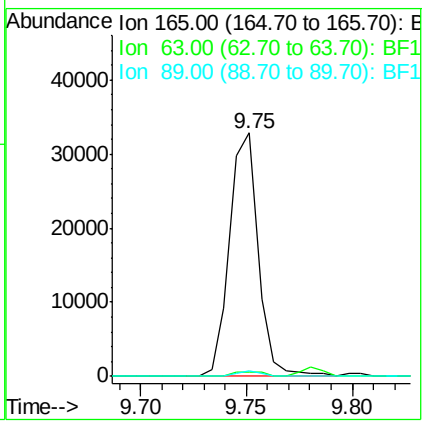


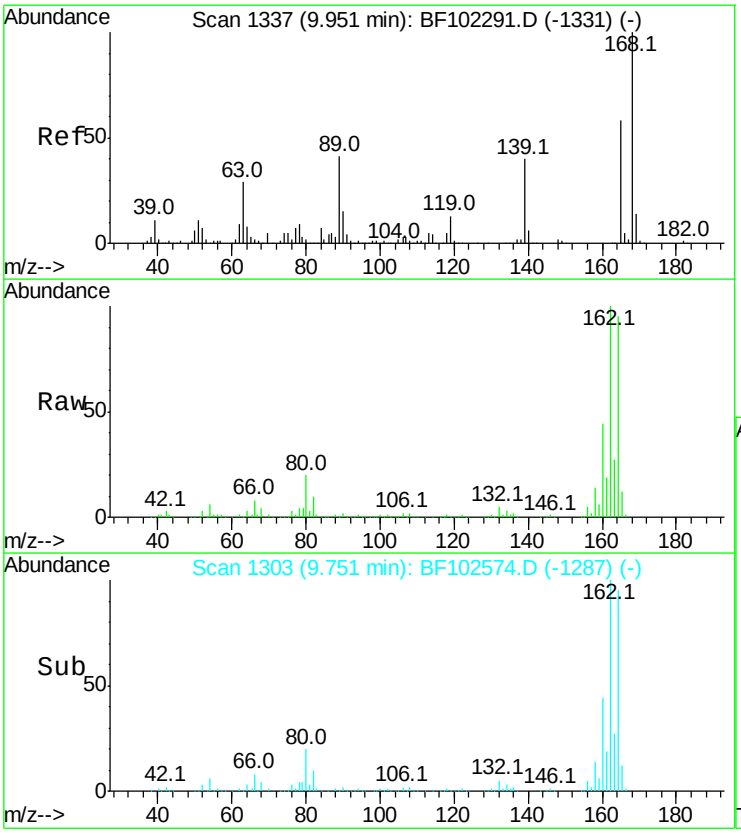
#50
2,6-Dinitrotoluene
Concen: 7.011 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.20 min
Lab File: BF102574.D
Acq: 28 Jan 2018 22:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 30799

Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.7	67.1#
89	2.4	44.0	66.0#

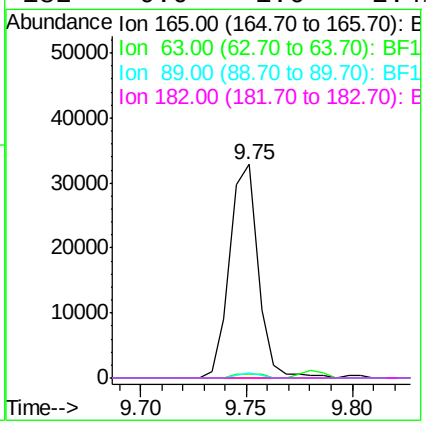


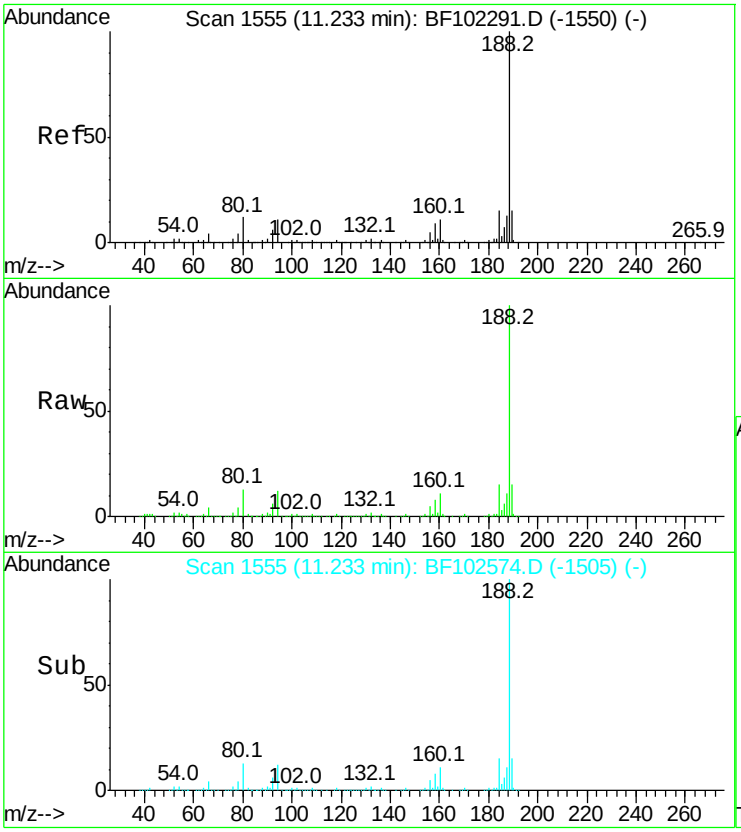


#56
2,4-Dinitrotoluene
Concen: 5.701 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF102574.D
Acq: 28 Jan 2018 22:51

Tgt Ion:165 Resp: 30799

Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	2.4	57.8	86.6#
182	0.0	1.6	2.4#



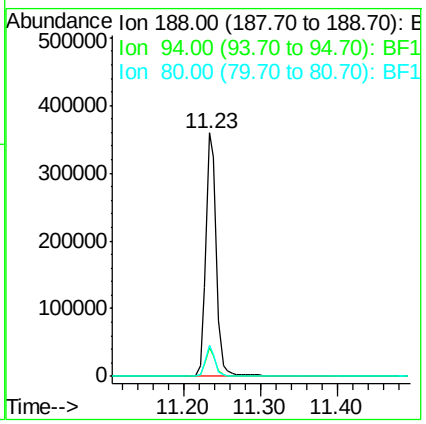


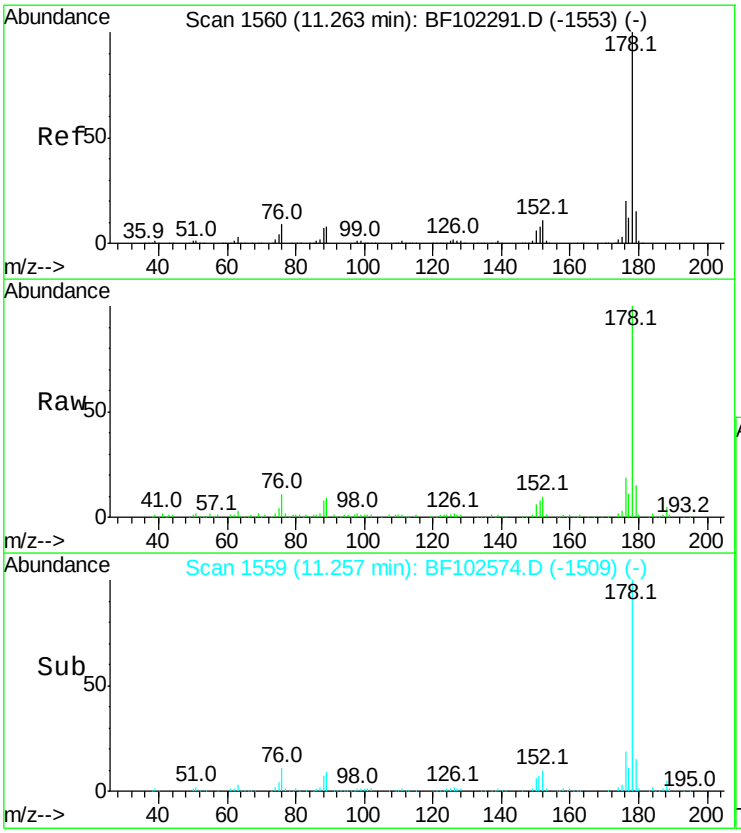
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102574.D
Acq: 28 Jan 2018 22:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 339903

Ion	Ratio	Lower	Upper
188	100		
94	11.6	8.5	12.7
80	12.7	9.2	13.8

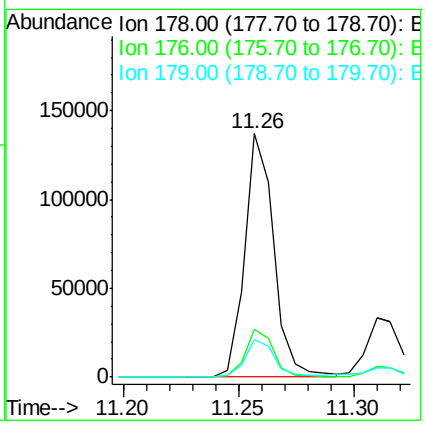


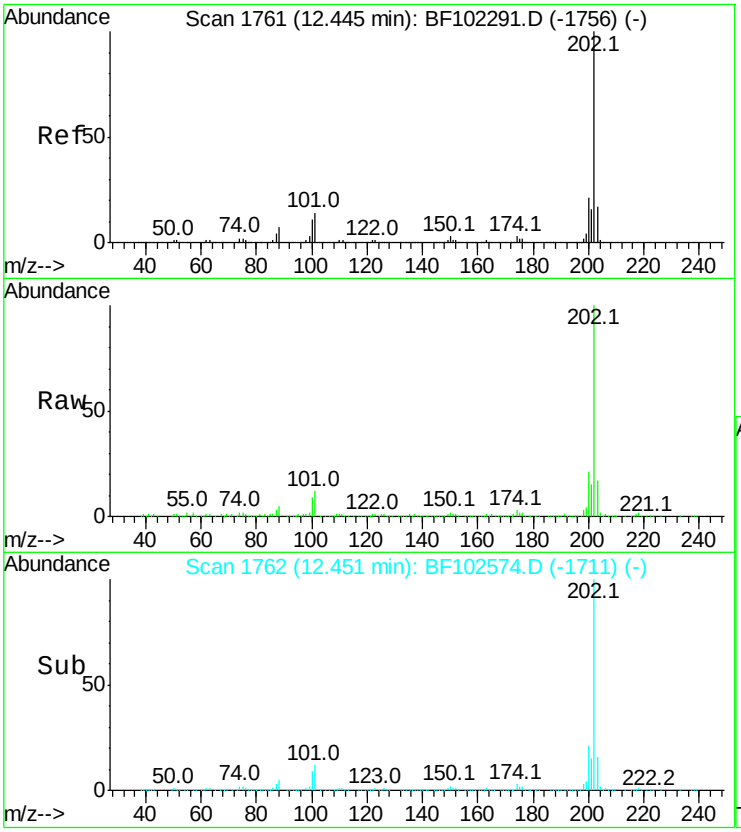


#70
Phenanthrene
Concen: 6.112 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF102574.D
Acq: 28 Jan 2018 22:51

Tgt Ion:178 Resp: 121056

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.2	13.0	19.6



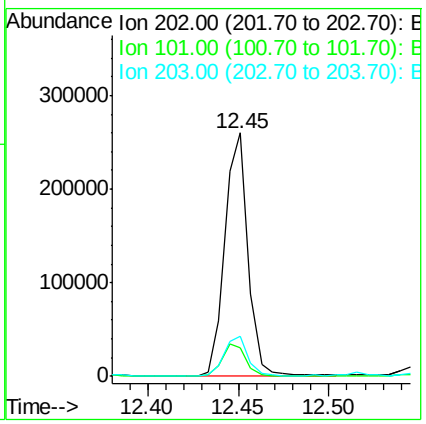


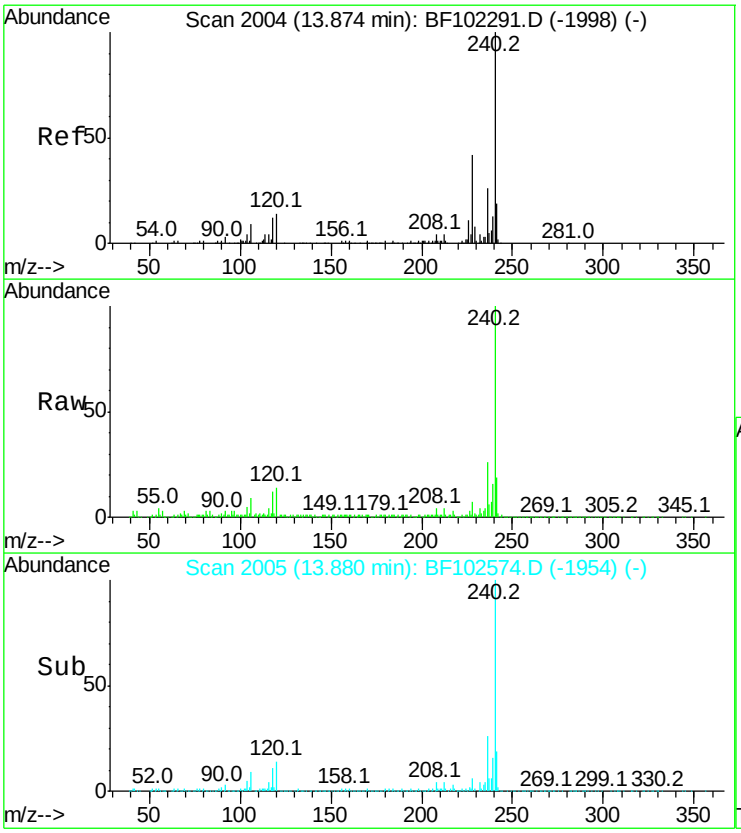
#74
Fluoranthene
Concen: 11.553 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF102574.D
Acq: 28 Jan 2018 22:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 233359

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	34.1
203	16.6	0.0	38.1

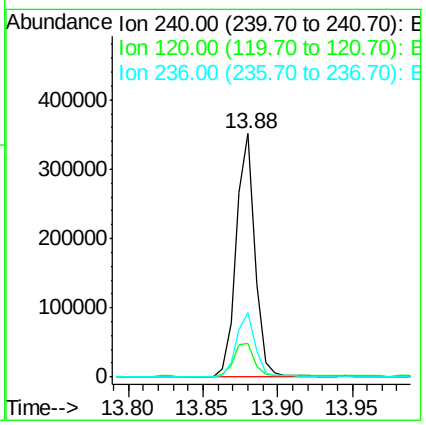


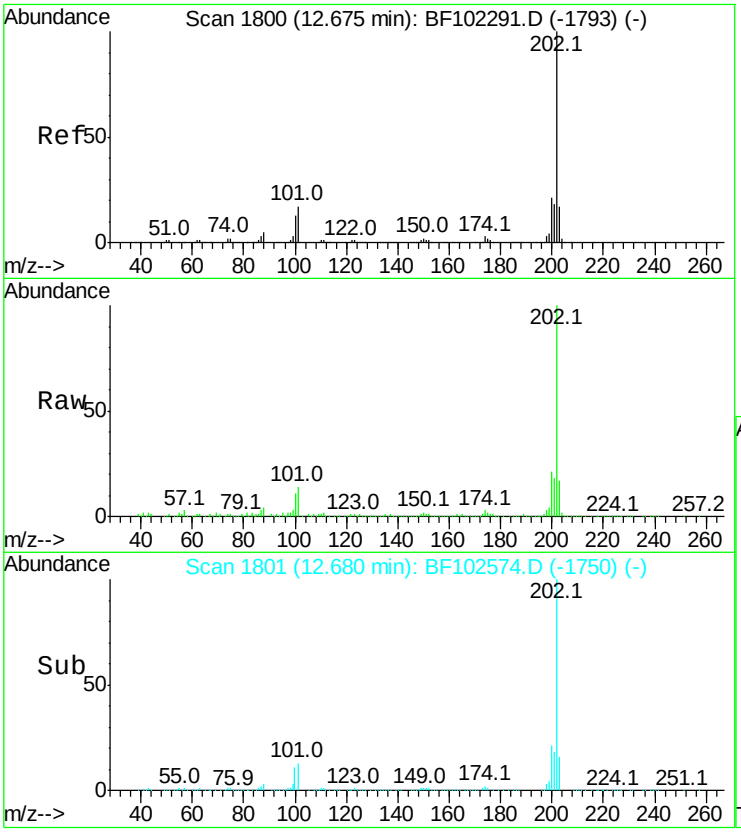


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.00 min
Lab File: BF102574.D
Acq: 28 Jan 2018 22:51

Tgt Ion:240 Resp: 309700

Ion	Ratio	Lower	Upper
240	100		
120	14.0	9.5	14.3
236	26.2	20.7	31.1



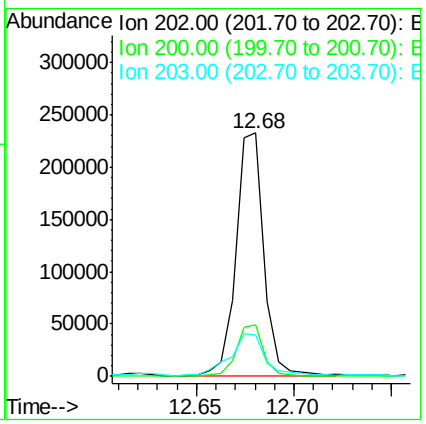


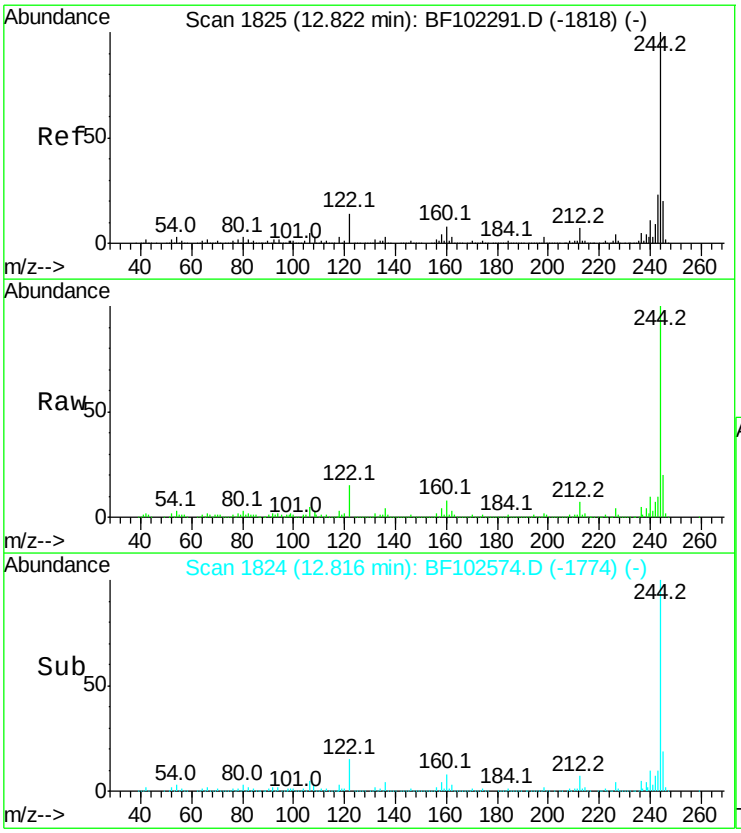
#77
Pyrene
Concen: 9.523 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BF102574.D
Acq: 28 Jan 2018 22:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 228031

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	16.9	14.3	21.5

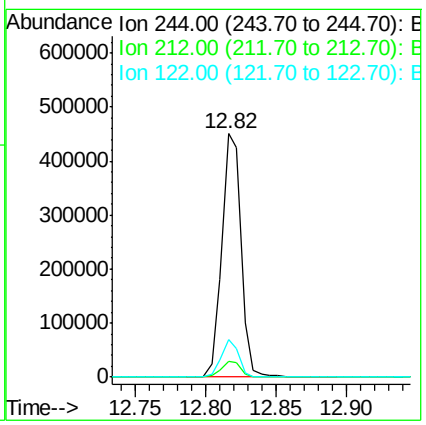


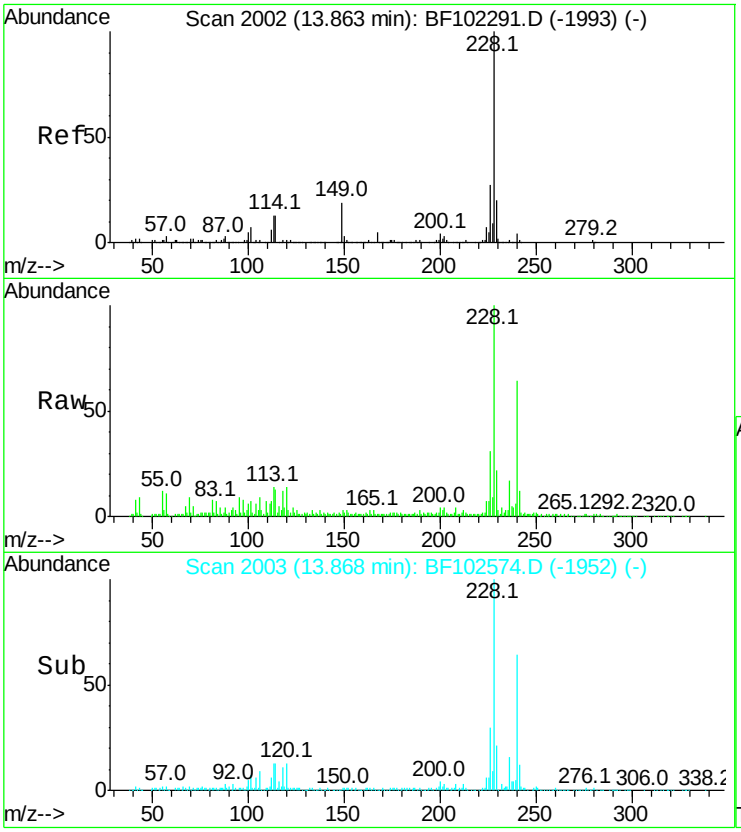


#78
Terphenyl-d14
Concen: 31.163 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF102574.D
Acq: 28 Jan 2018 22:51

Tgt Ion:244 Resp: 428115

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	15.4	11.0	16.4



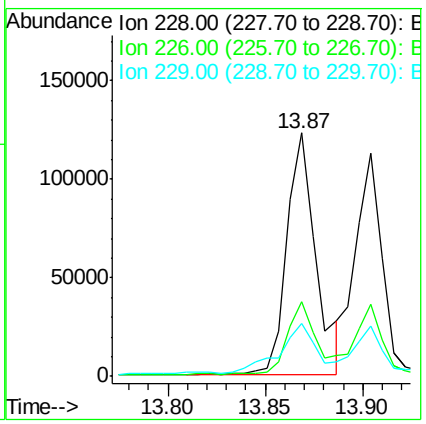


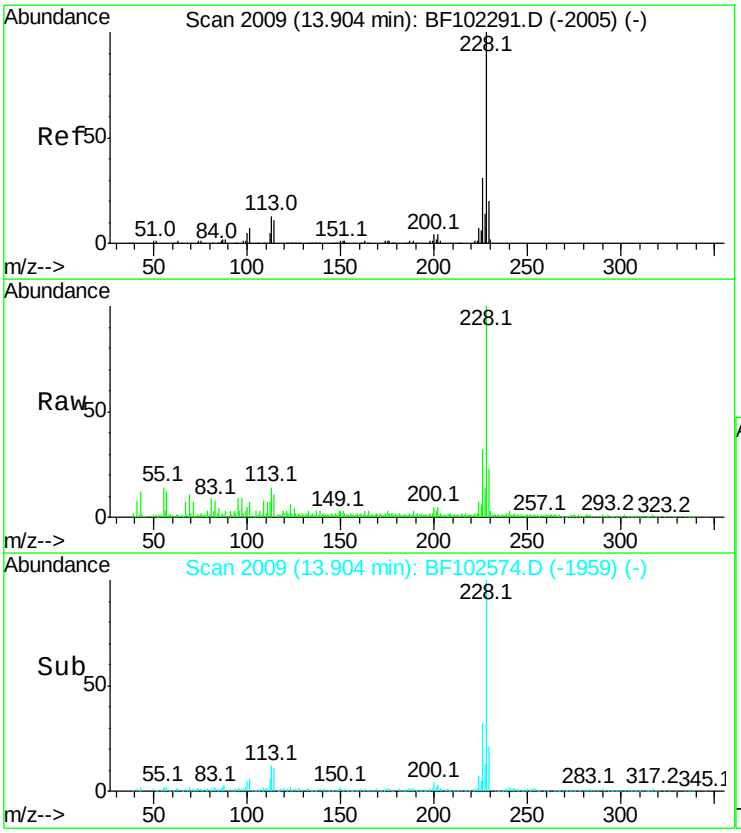
#80
Benzo(a)anthracene
Concen: 6.688 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF102574.D
Acq: 28 Jan 2018 22:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 127513

Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.6	33.8
229	21.6	15.8	23.6

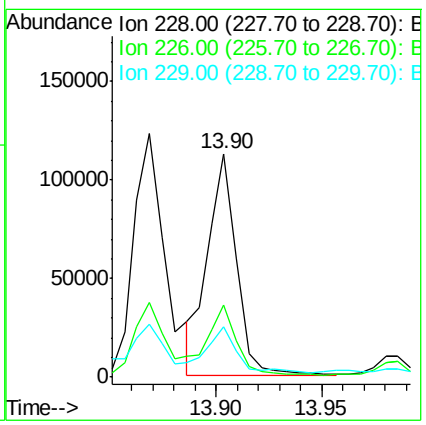


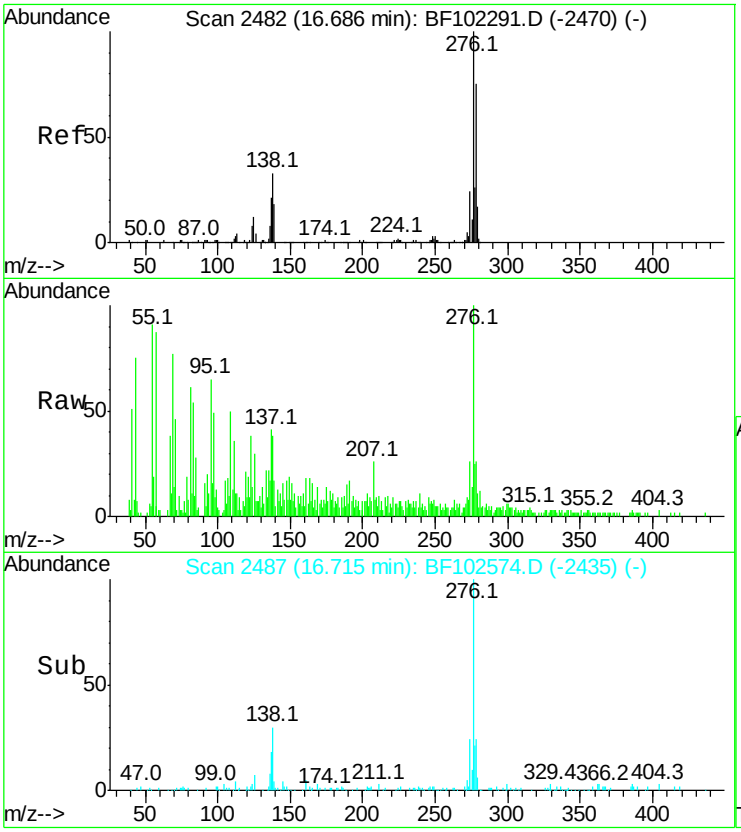


#82
Chrysene
Concen: 5.568 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF102574.D
Acq: 28 Jan 2018 22:51

Tgt Ion:228 Resp: 107820

Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.0	37.6
229	22.7	16.2	24.4



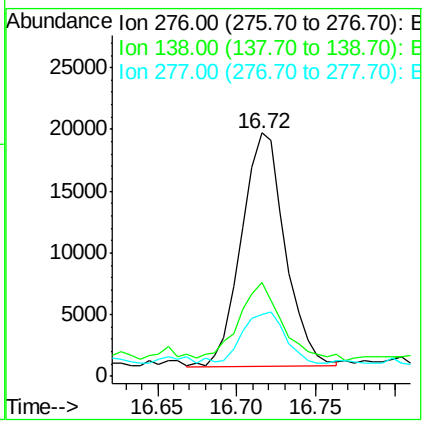


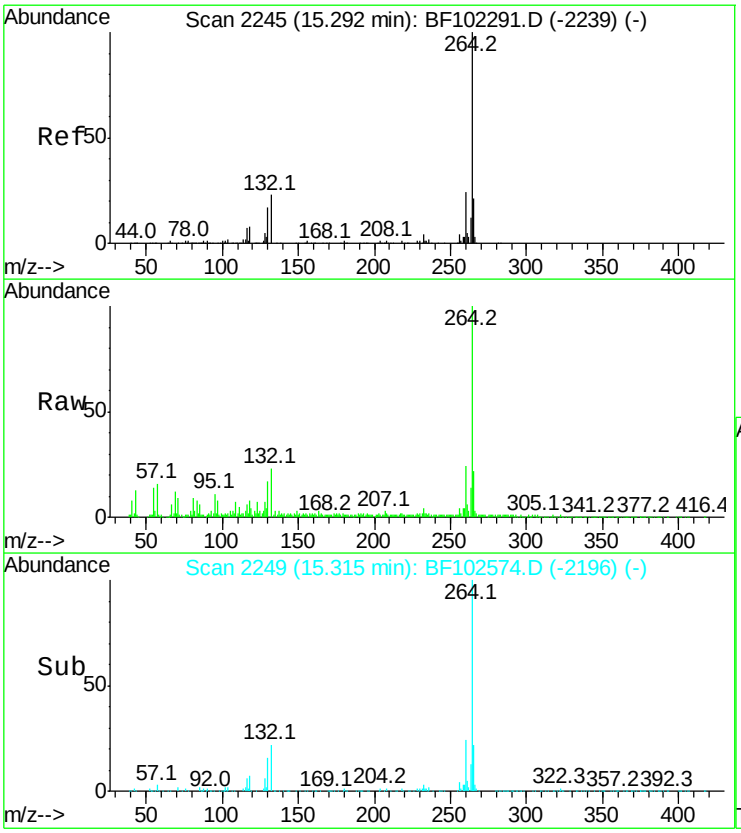
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.270 ng
RT: 16.72 min Scan# 2487
Delta R.T. 0.01 min
Lab File: BF102574.D
Acq: 28 Jan 2018 22:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 36302

Ion	Ratio	Lower	Upper
276	100		
138	33.5	25.0	37.6
277	21.1	20.1	30.1

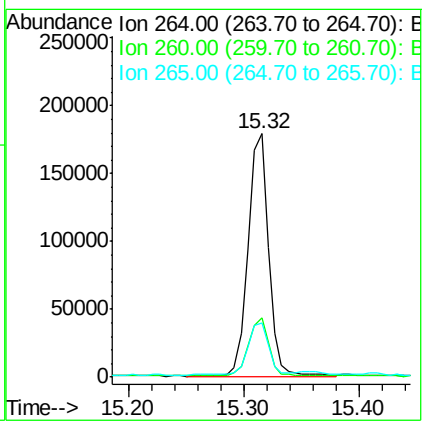


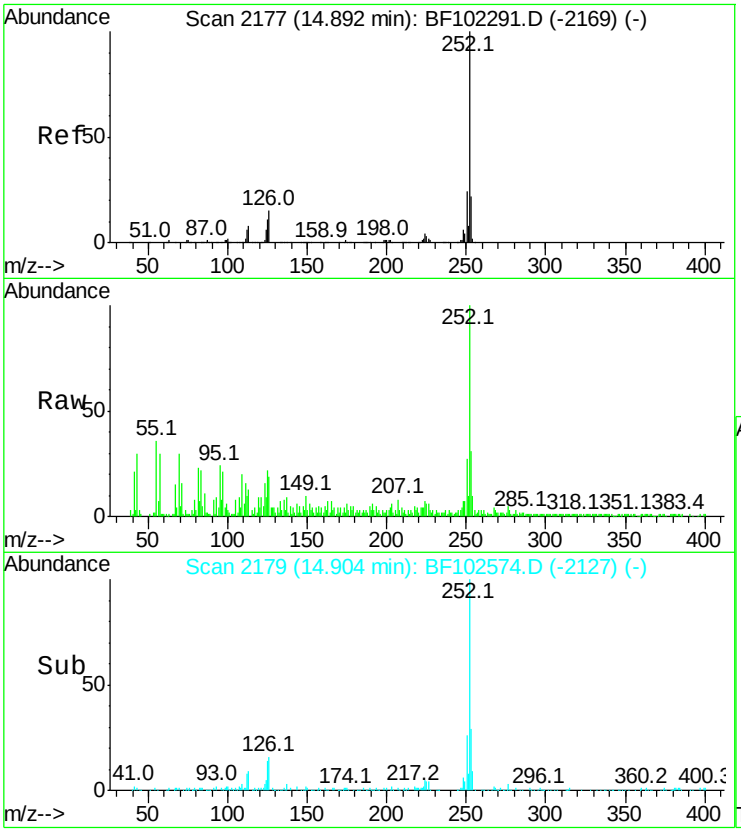


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF102574.D
Acq: 28 Jan 2018 22:51

Tgt Ion:264 Resp: 221021

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.4	17.5	26.3



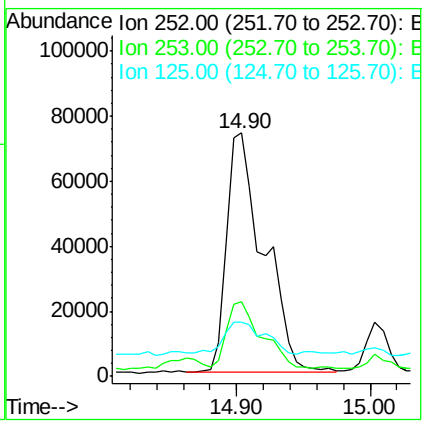


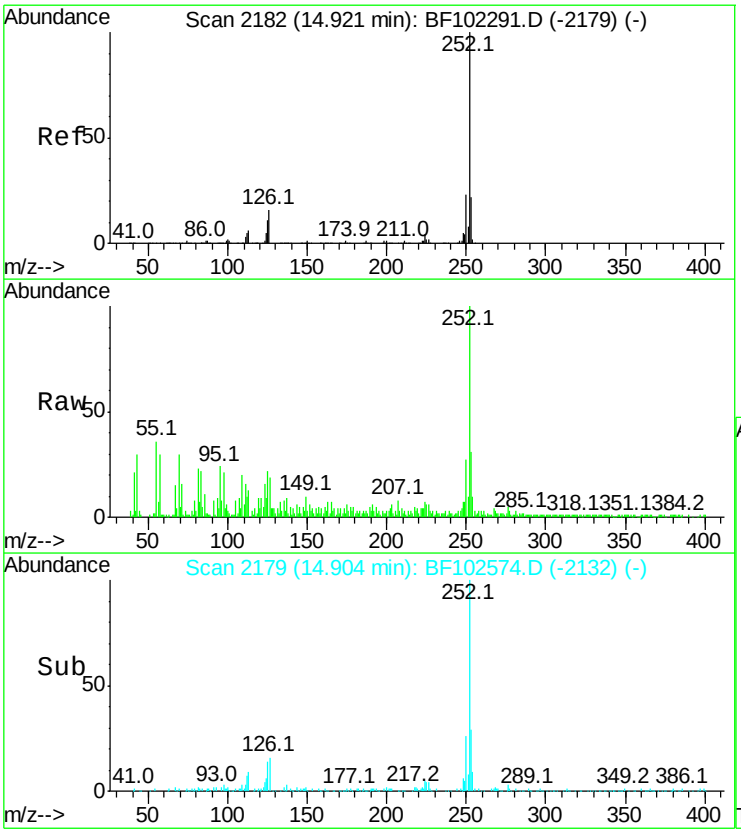
#87
Benzo(b)fluoranthene
Concen: 9.990 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.01 min
Lab File: BF102574.D
Acq: 28 Jan 2018 22:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 143110

Ion	Ratio	Lower	Upper
252	100		
253	30.9	17.0	25.6#
125	22.5	9.0	13.6#

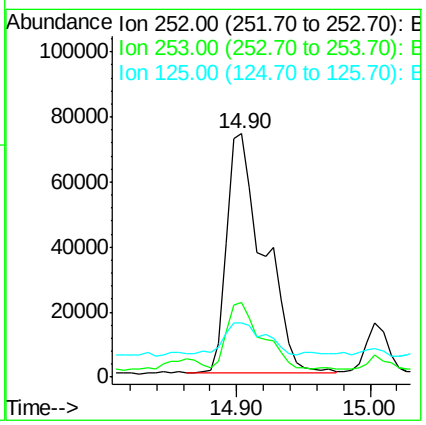


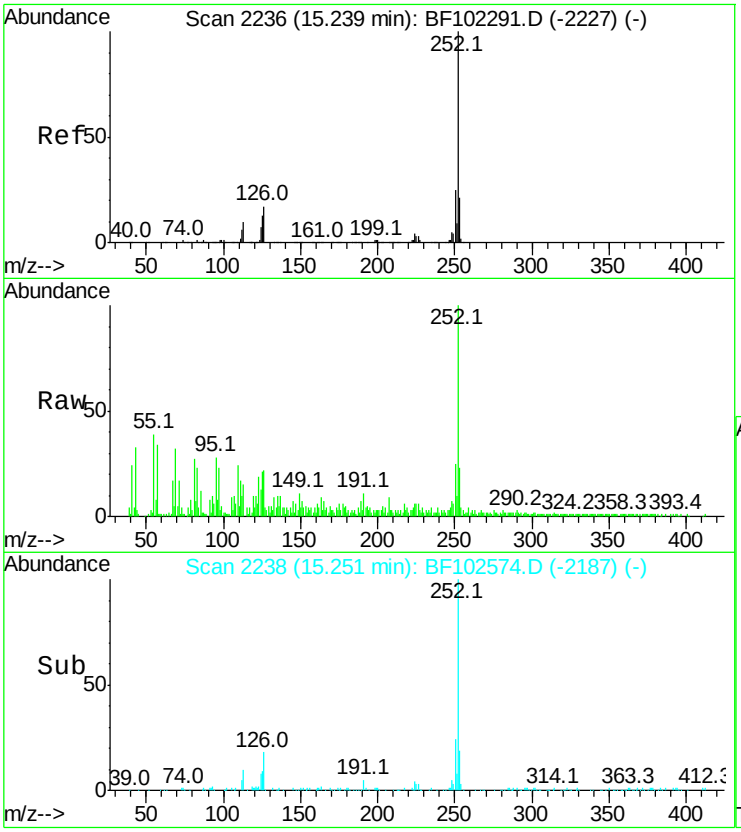


#88
Benzo(k)fluoranthene
Concen: 10.574 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.02 min
Lab File: BF102574.D
Acq: 28 Jan 2018 22:51

Tgt Ion:252 Resp: 143110

Ion	Ratio	Lower	Upper
252	100		
253	30.9	17.9	26.9#
125	22.5	10.2	15.2#



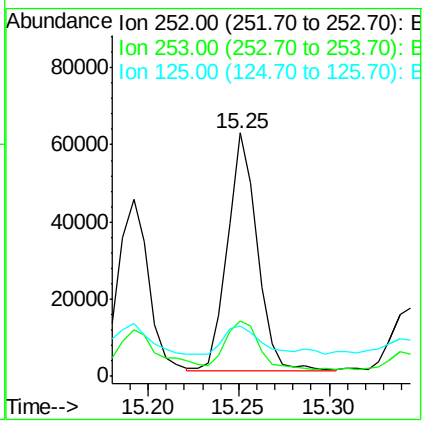


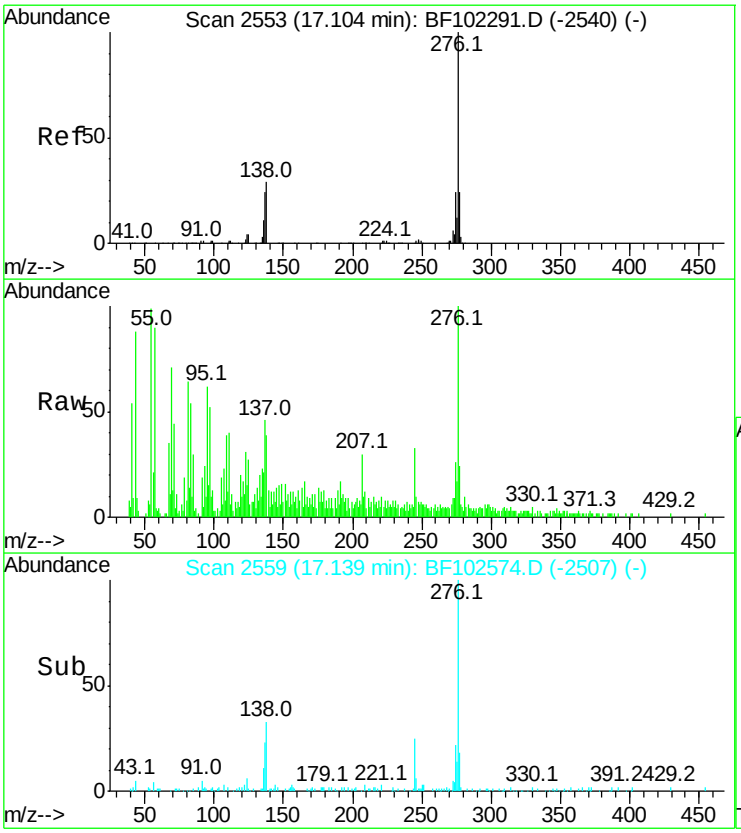
#89
Benzo(a)pyrene
Concen: 5.450 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BF102574.D
Acq: 28 Jan 2018 22:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 70414

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	20.9	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 3.391 ng
RT: 17.14 min Scan# 2559
Delta R.T. 0.01 min
Lab File: BF102574.D
Acq: 28 Jan 2018 22:51

Tgt Ion:276 Resp: 35045

Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	38.6	21.8	32.8#