Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101251.D
Acq On : 8 Dec 2017 22:13
Operator : SJ/JU
Sample : I6656-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 08 22:59:01 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	42923	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	154278	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	60251	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	102959	20.00	ng		0.00
75) Chrysene-d12	14.01	240	86874	20.00	ng		0.00
86) Perylene-d12	15.49	264	62520	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	265514	102.22	ng		0.00
7) Phenol-d6	6.47	99	311033	98.63	ng		0.00
23) Nitrobenzene-d5	7.39	82	173034	66.91	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	62009	85.67	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	344627	78.26	ng		0.00
78) Terphenyl-d14	12.94	244	293244	73.83	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.60	77	5758	2.983	ng		80
10) Phenol	6.47	94	10003	2.853	ng	#	66
19) n-Nitroso-di-n-propylamine	7.39	70	21897	10.310	ng	#	82
25) Isophorone	7.39	82	173033	39.169	ng	#	64
49) Dimethylphthalate	9.58	163	38664	7.957	ng		99
56) 2,4-Dinitrotoluene	9.87	165	7650	5.578	ng	#	21
66) 4-Bromophenyl-phenylether	10.66	248	3557	3.086	ng	#	1
74) Fluoranthene	12.57	202	24726	3.934	ng		96
77) Pyrene	12.80	202	23113	3.856	ng		95
80) Benzo(a)anthracene	14.00	228	12196	2.223	ng	#	86
82) Chrysene	14.03	228	14071	2.762	ng	#	89
87) Benzo(b)fluoranthene	15.06	252	15868	4.237	ng	#	24
88) Benzo(k)fluoranthene	15.06	252	15868	4.301	ng	#	29
89) Benzo(a)pyrene	15.43	252	7528	2.211	ng	#	30
91) Benzo(g,h,i)perylene	17.43	276	5713	2.020	ng	#	61

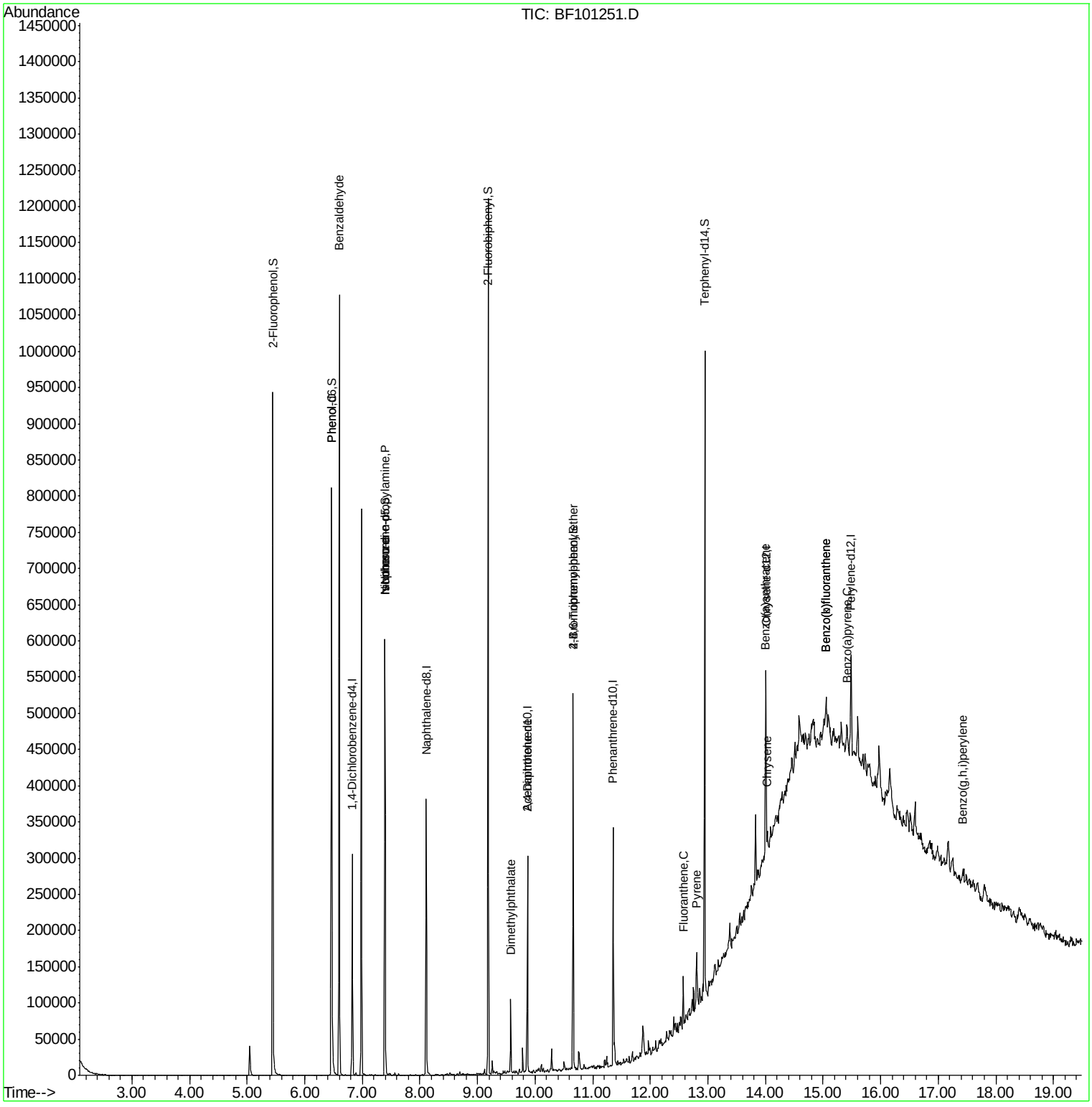
(#) = qualifier out of range (m) = manual integration (+) = signals summed

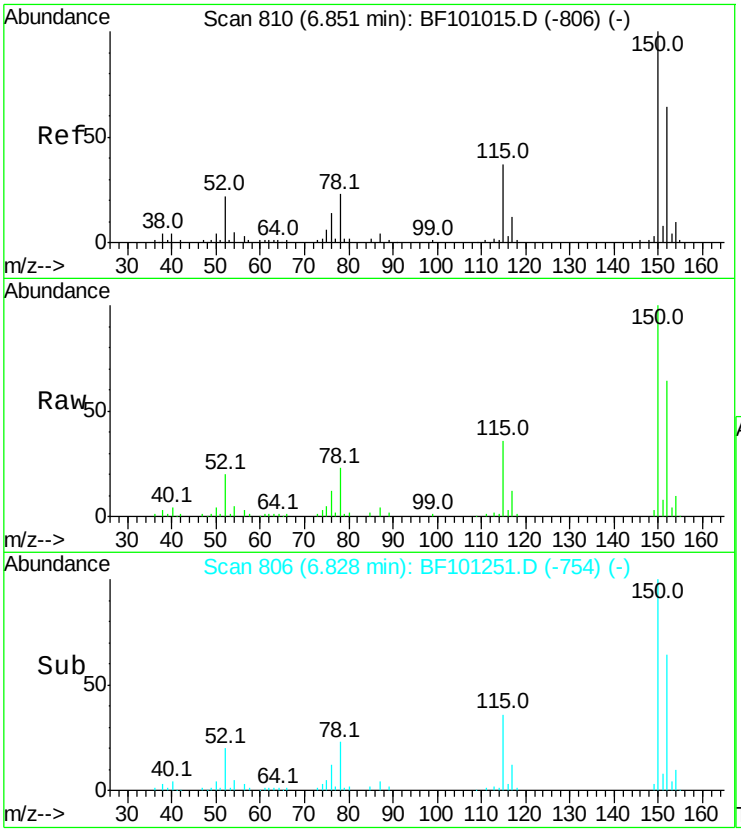
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101251.D
Acq On : 8 Dec 2017 22:13
Operator : SJ/JU
Sample : I6656-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 08 22:59:01 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration



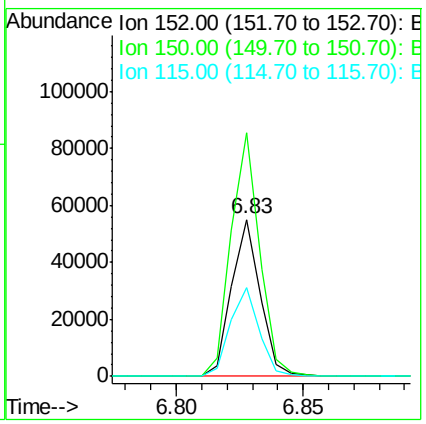


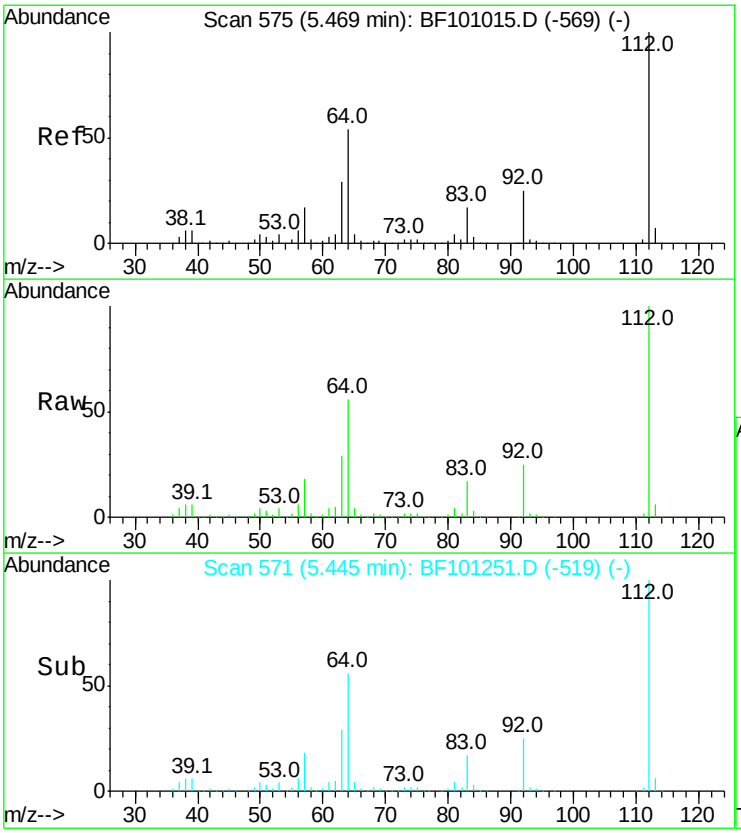
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101251.D
Acq: 8 Dec 2017 22:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 42923

Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	186.8
115	56.6	50.1	75.1

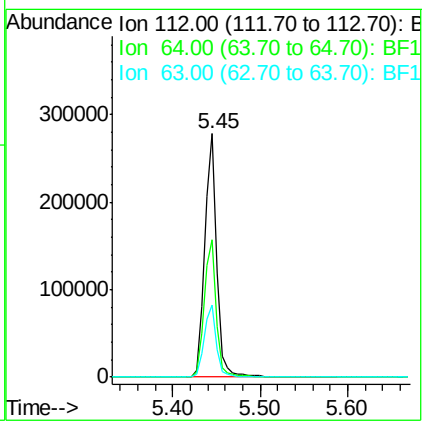


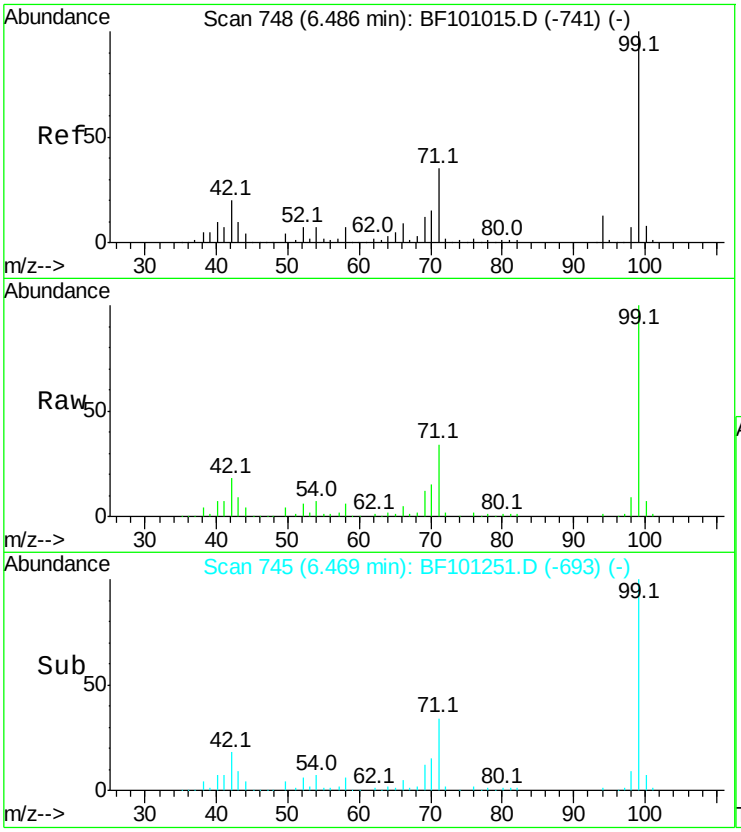


#5
2-Fluorophenol
Concen: 102.217 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF101251.D
Acq: 8 Dec 2017 22:13

Tgt Ion:112 Resp: 265514

Ion	Ratio	Lower	Upper
112	100		
64	56.2	47.9	71.9
63	29.4	23.7	35.5



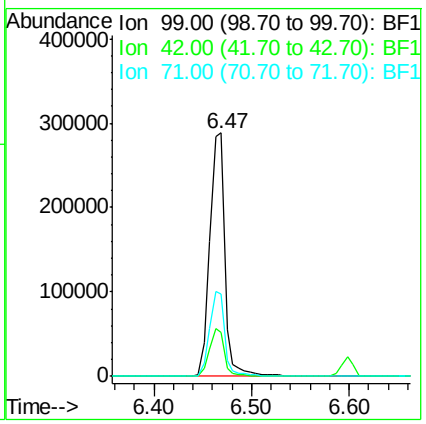


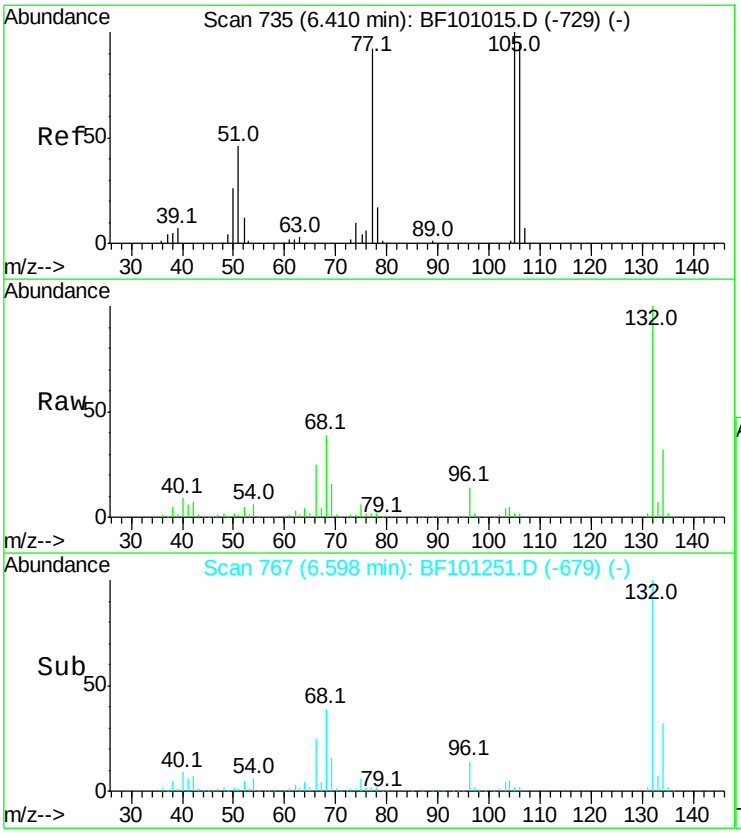
#7
Phenol-d6
Concen: 98.626 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF101251.D
Acq: 8 Dec 2017 22:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 311033

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.5	21.7
71	33.9	25.4	38.0

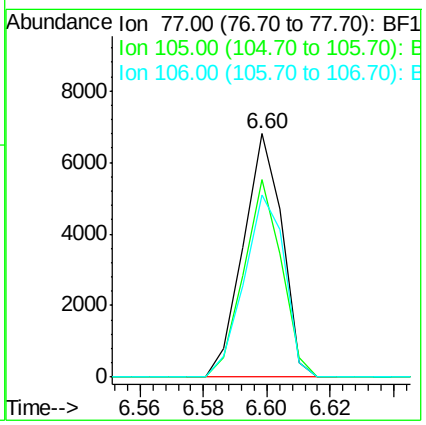


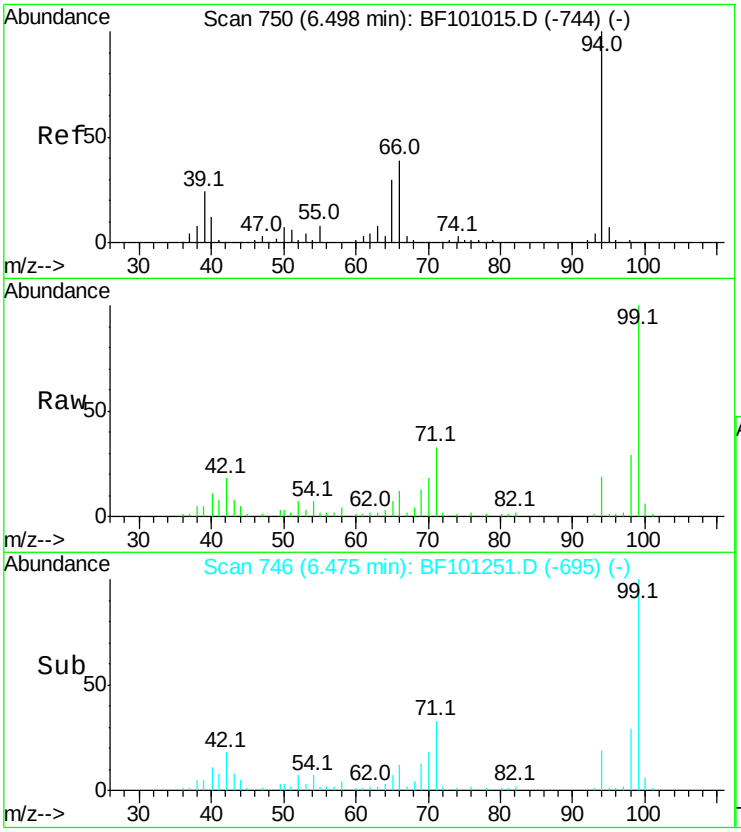


#9
Benzaldehyde
Concen: 2.983 ng
RT: 6.60 min Scan# 767
Delta R.T. 0.22 min
Lab File: BF101251.D
Acq: 8 Dec 2017 22:13

Tgt Ion: 77 Resp: 5758

Ion	Ratio	Lower	Upper
77	100		
105	81.4	81.1	121.1
106	74.9	74.5	114.5



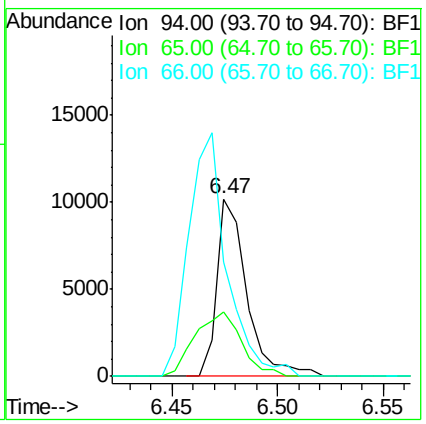


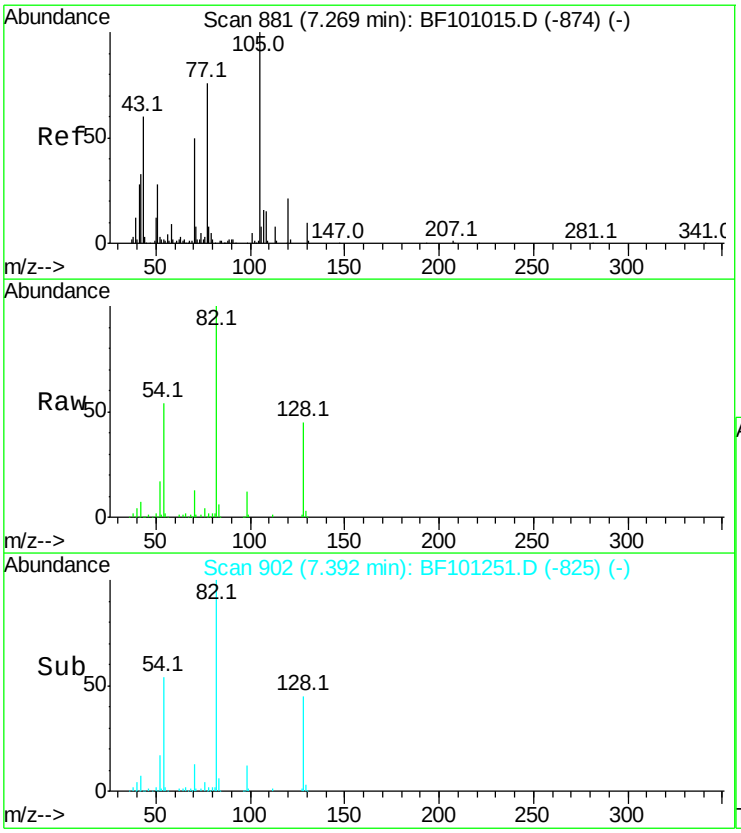
#10
Phenol
Concen: 2.853 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF101251.D
Acq: 8 Dec 2017 22:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 10003

Ion	Ratio	Lower	Upper
94	100		
65	36.0	7.9	47.9
66	64.3	16.2	56.2#

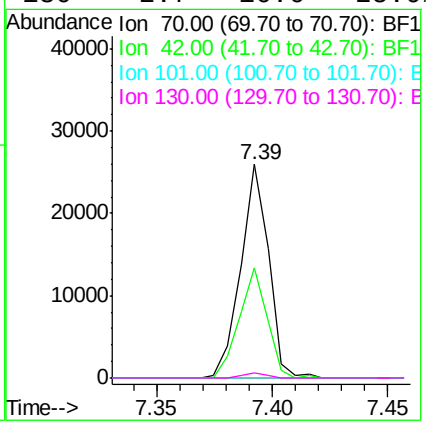


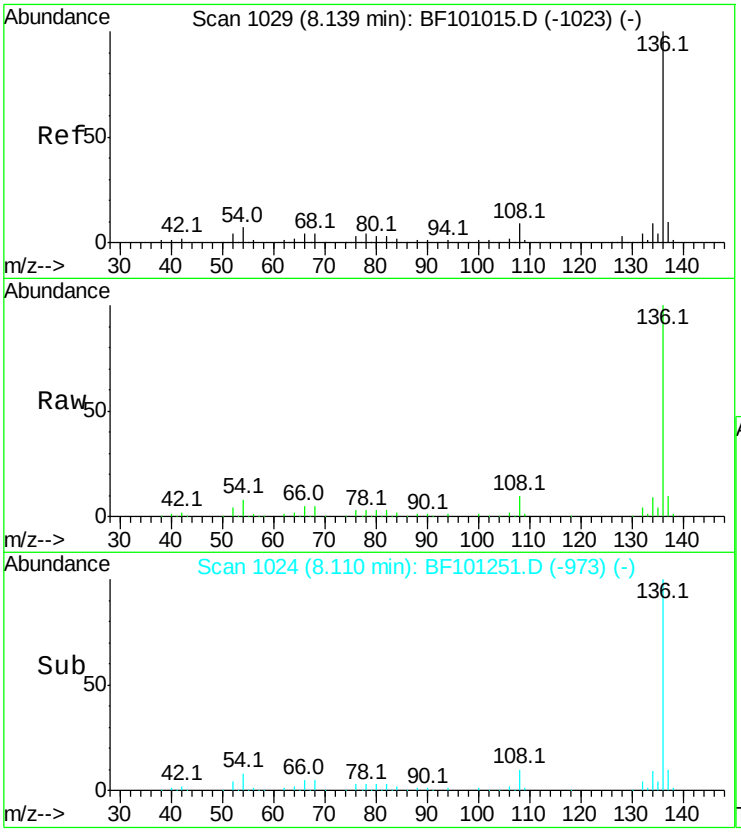


#19
n-Nitroso-di-n-propylamine
Concen: 10.310 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.15 min
Lab File: BF101251.D
Acq: 8 Dec 2017 22:13

Tgt Ion: 70 Resp: 21897

Ion	Ratio	Lower	Upper
70	100		
42	51.7	47.5	71.3
101	0.0	7.4	11.2#
130	2.7	16.6	25.0#



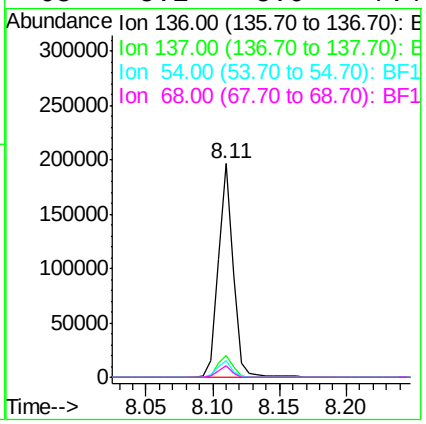


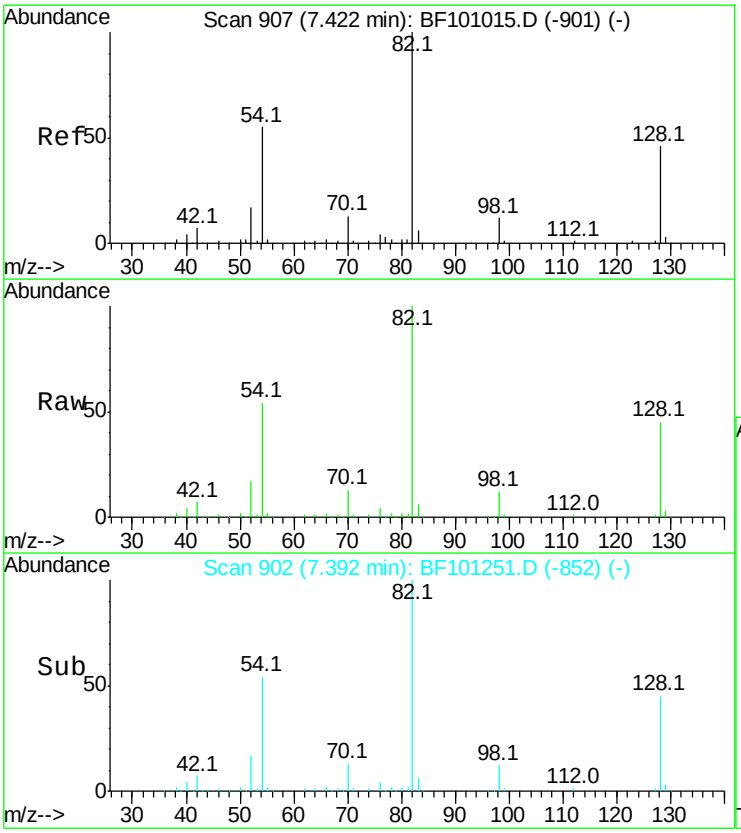
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF101251.D
Acq: 8 Dec 2017 22:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 154278

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	7.6	6.6	9.8
68	5.1	5.0	7.4

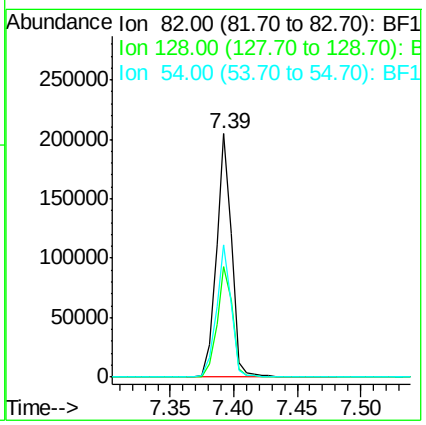


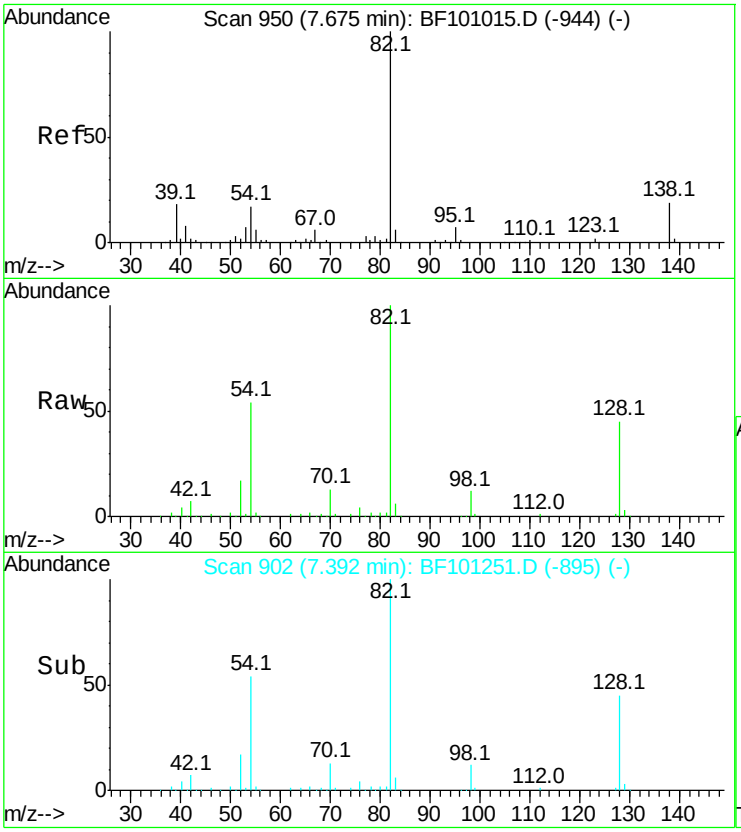


#23
Nitrobenzene-d5
Concen: 66.905 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF101251.D
Acq: 8 Dec 2017 22:13

Tgt Ion: 82 Resp: 173034

Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	54.1	41.4	62.2



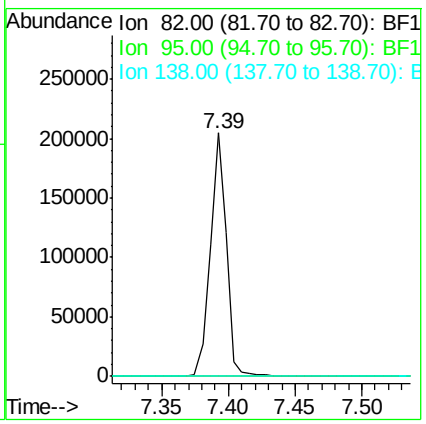


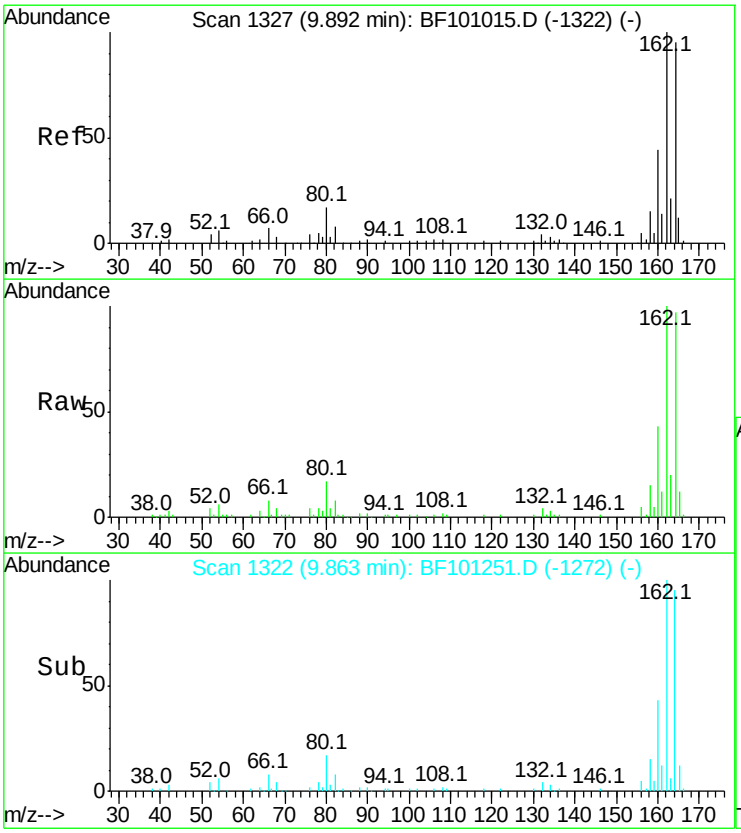
#25
Isophorone
Concen: 39.169 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.26 min
Lab File: BF101251.D
Acq: 8 Dec 2017 22:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 173033

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

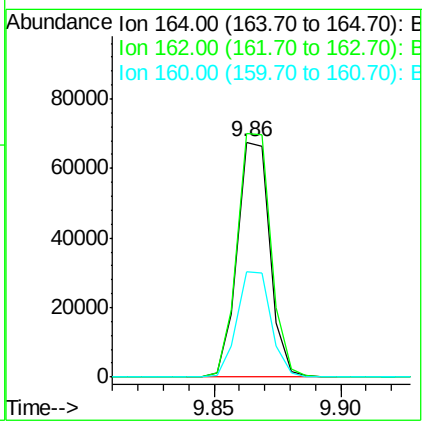


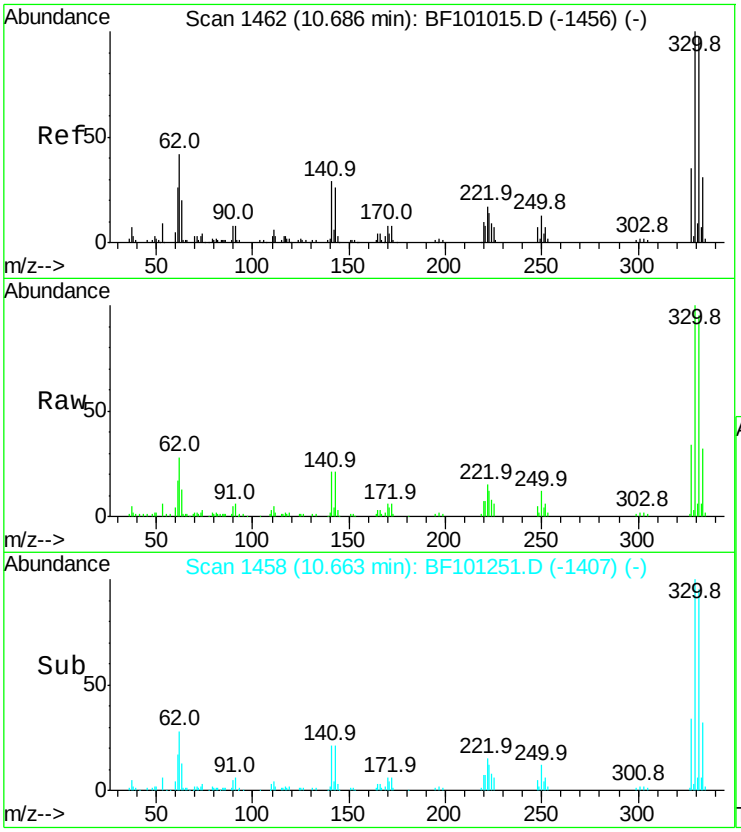


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF101251.D
Acq: 8 Dec 2017 22:13

Tgt Ion:164 Resp: 60251

Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	44.7	38.3	57.5



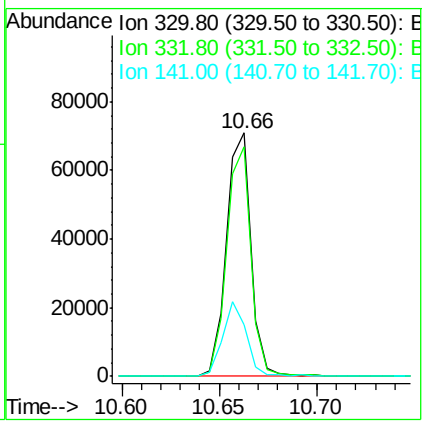


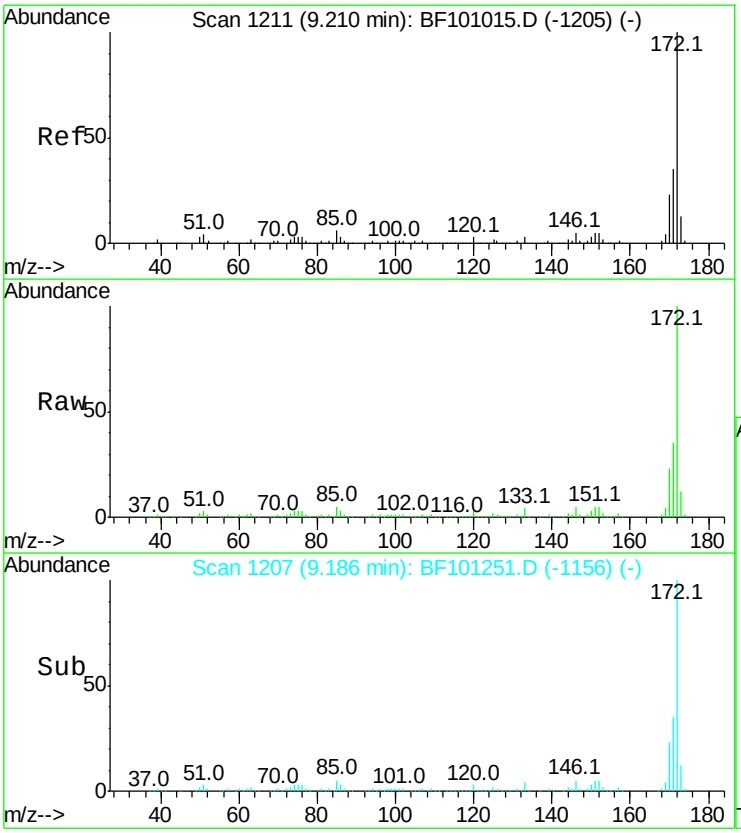
#41
2,4,6-Tribromophenol
Concen: 85.673 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.00 min
Lab File: BF101251.D
Acq: 8 Dec 2017 22:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 62009

Ion	Ratio	Lower	Upper
330	100		
332	93.5	77.0	115.6
141	29.4	29.9	44.9#

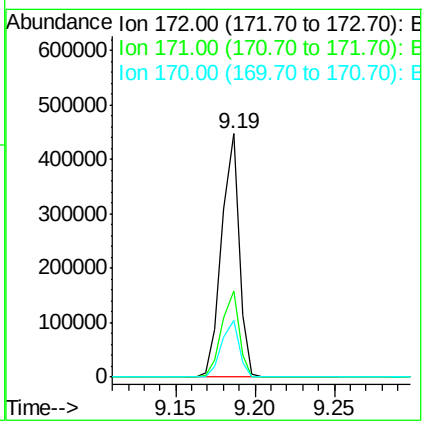


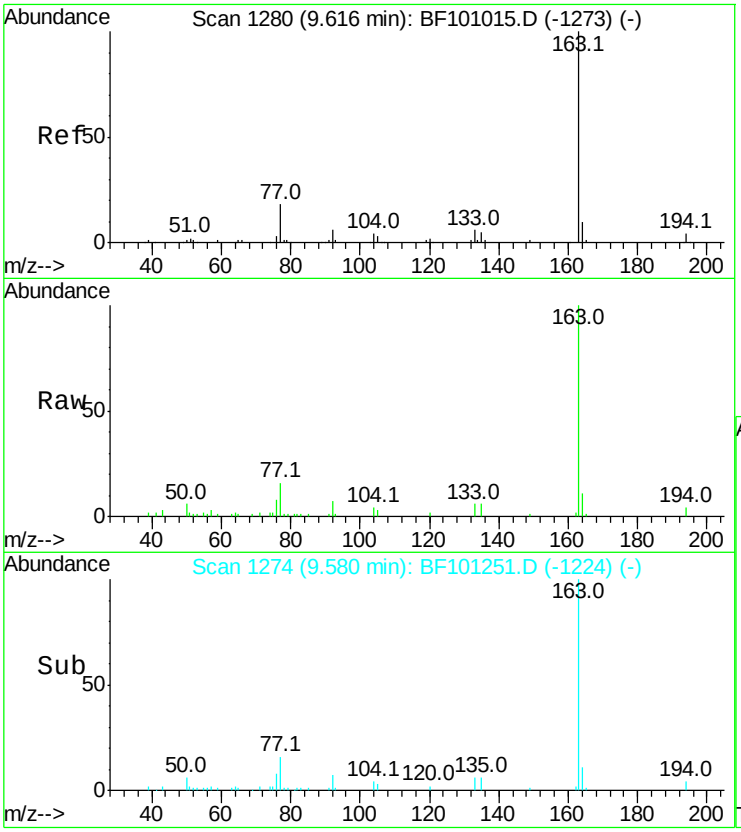


#44
2-Fluorobiphenyl
Concen: 78.259 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF101251.D
Acq: 8 Dec 2017 22:13

Tgt Ion:172 Resp: 344627

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.1	19.6	29.4



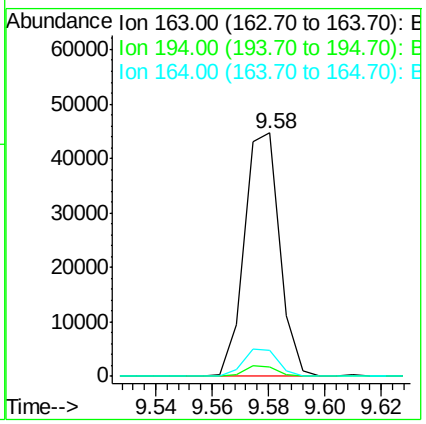


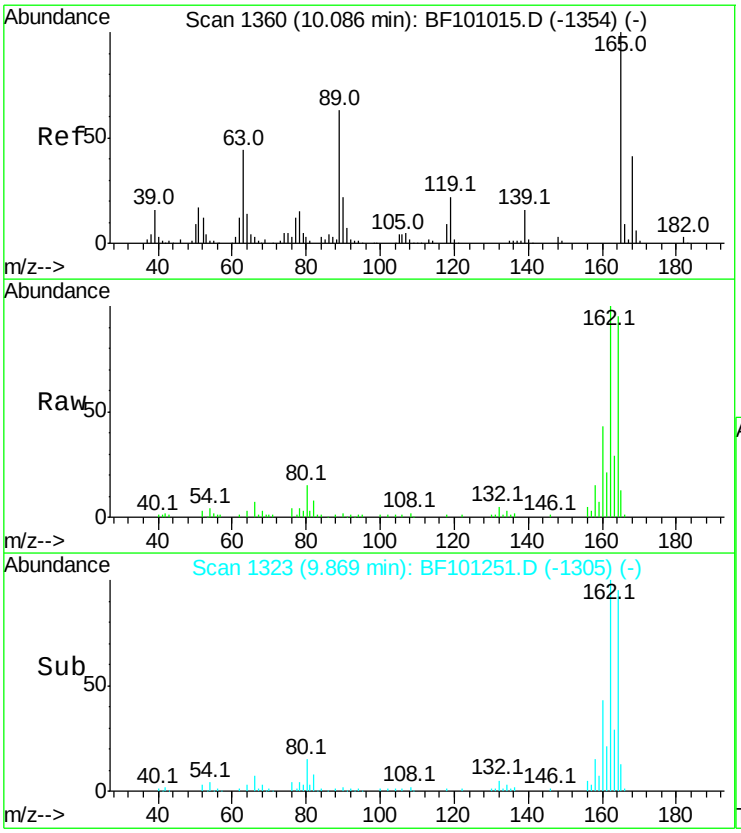
#49
Dimethylphthalate
Concen: 7.957 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF101251.D
Acq: 8 Dec 2017 22:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 38664

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.7	8.2	12.2

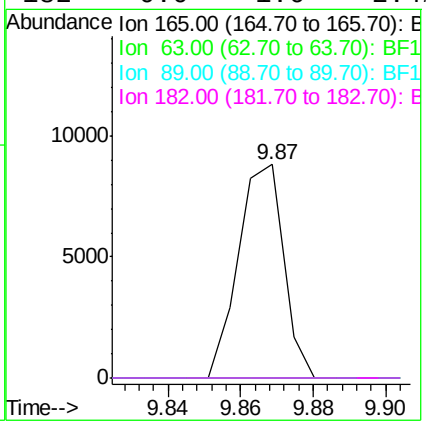


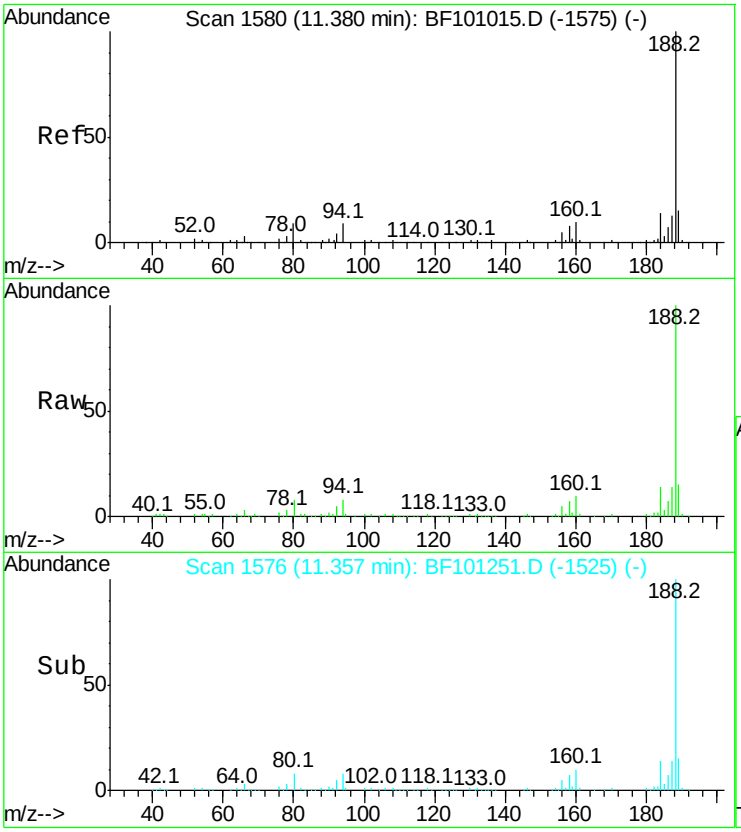


#56
2,4-Dinitrotoluene
Concen: 5.578 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.19 min
Lab File: BF101251.D
Acq: 8 Dec 2017 22:13

Tgt Ion:165 Resp: 7650

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



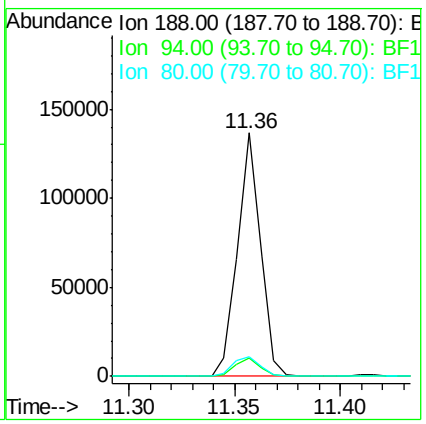


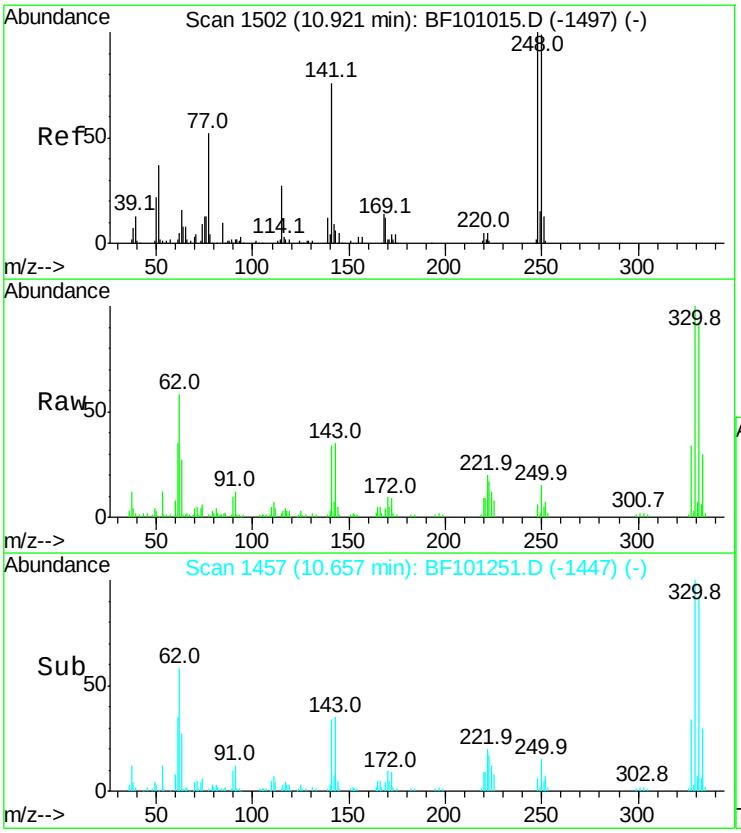
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BF101251.D
Acq: 8 Dec 2017 22:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 102959

Ion	Ratio	Lower	Upper
188	100		
94	7.6	8.5	12.7#
80	7.9	9.2	13.8#

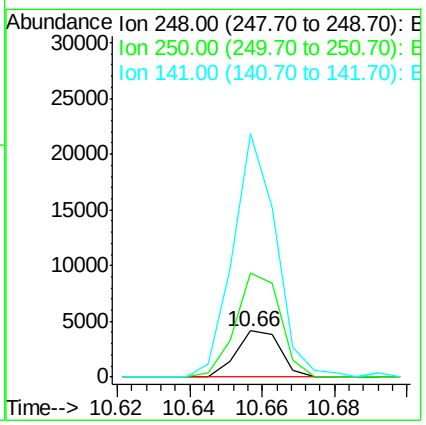


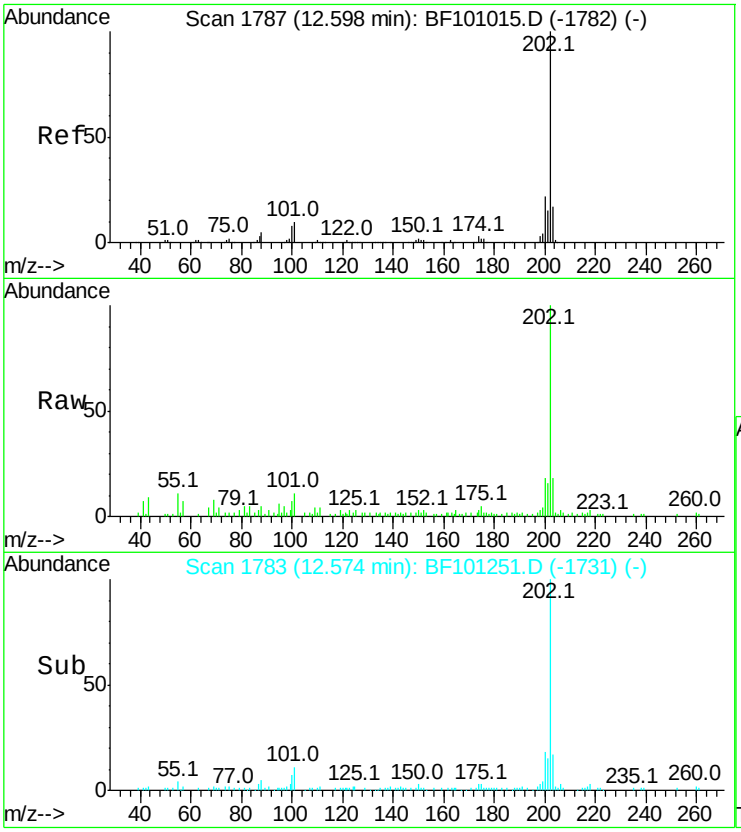


#66
4-Bromophenyl-phenylether
Concen: 3.086 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.24 min
Lab File: BF101251.D
Acq: 8 Dec 2017 22:13

Tgt Ion:248 Resp: 3557

Ion	Ratio	Lower	Upper
248	100		
250	227.0	76.9	115.3#
141	529.8	74.4	111.6#



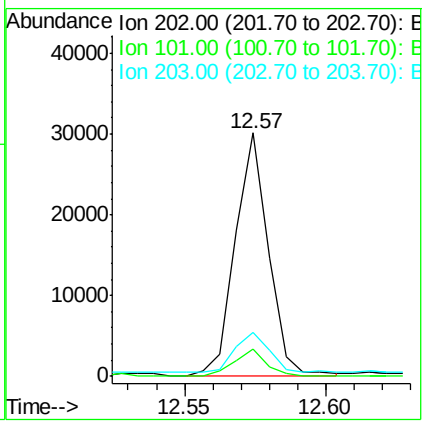


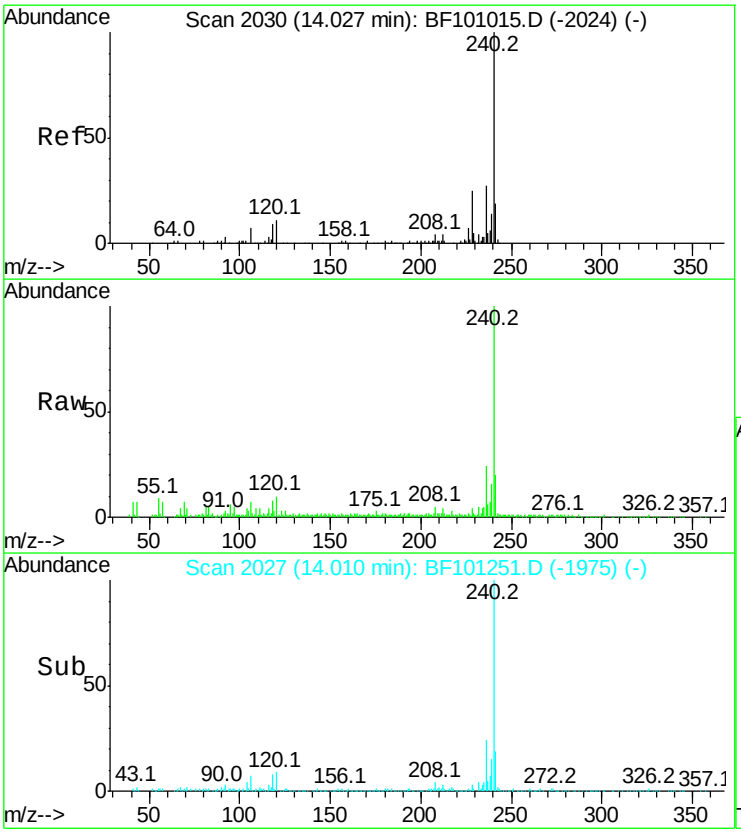
#74
Fluoranthene
Concen: 3.934 ng
RT: 12.57 min Scan# 1783
Delta R.T. 0.01 min
Lab File: BF101251.D
Acq: 8 Dec 2017 22:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 24726

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	34.1
203	17.8	0.0	38.1

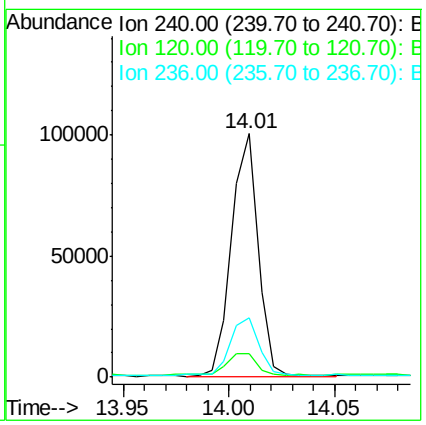


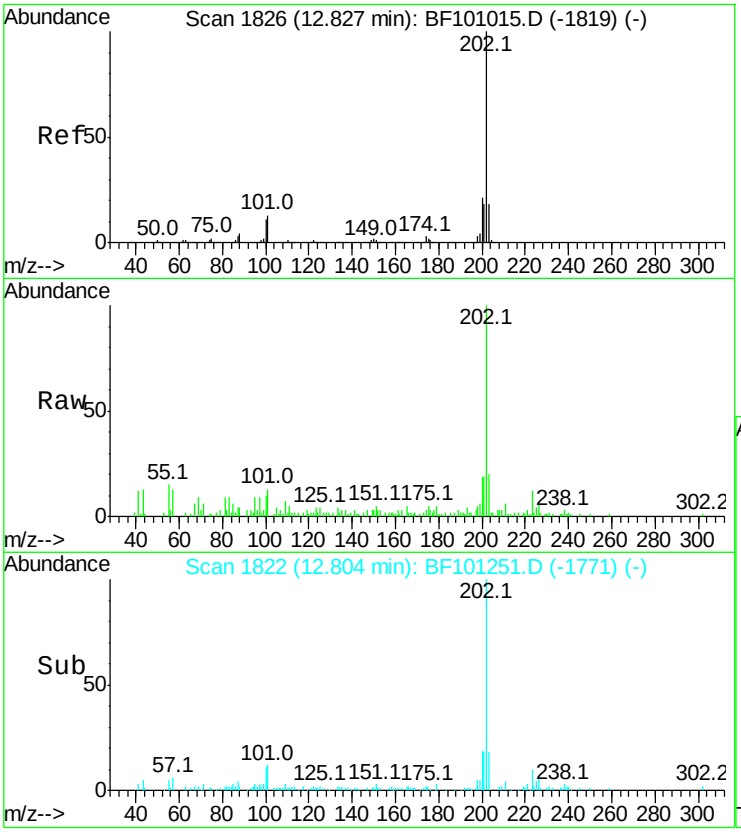


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF101251.D
Acq: 8 Dec 2017 22:13

Tgt Ion:240 Resp: 86874

Ion	Ratio	Lower	Upper
240	100		
120	9.7	9.5	14.3
236	24.2	20.7	31.1



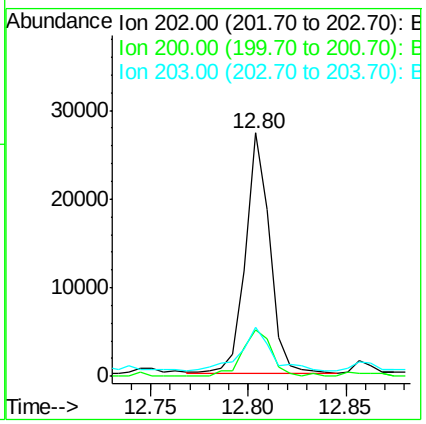


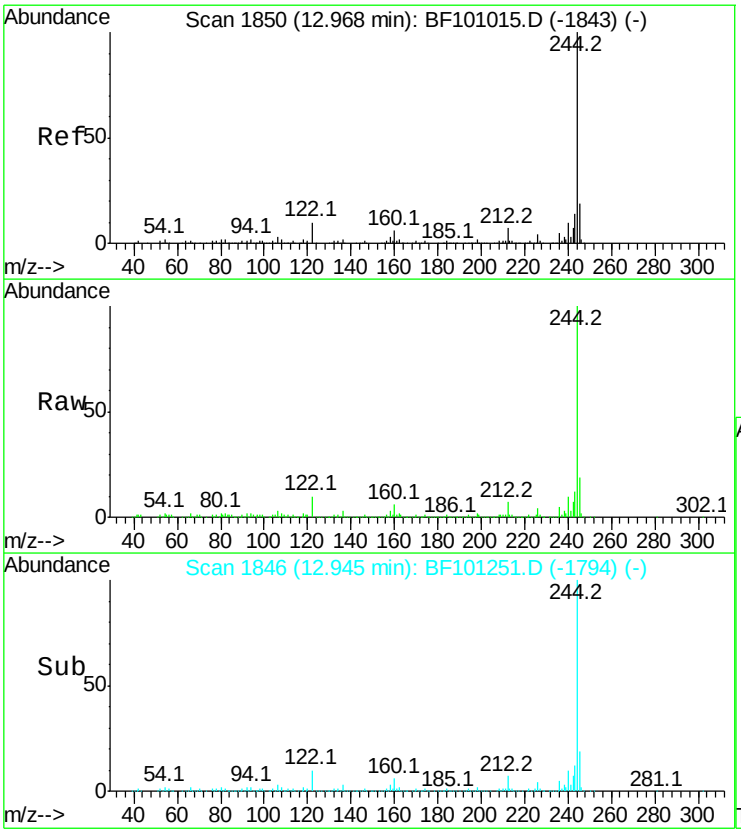
#77
Pyrene
Concen: 3.856 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BF101251.D
Acq: 8 Dec 2017 22:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 23113

Ion	Ratio	Lower	Upper
202	100		
200	19.0	17.4	26.2
203	19.9	14.3	21.5

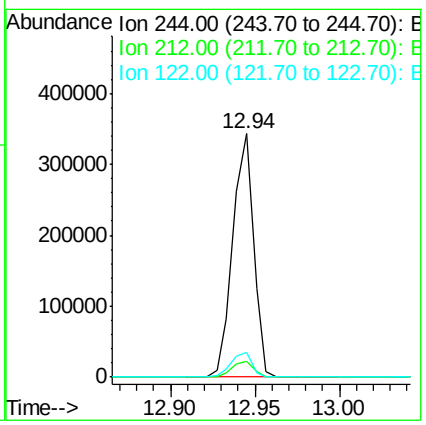


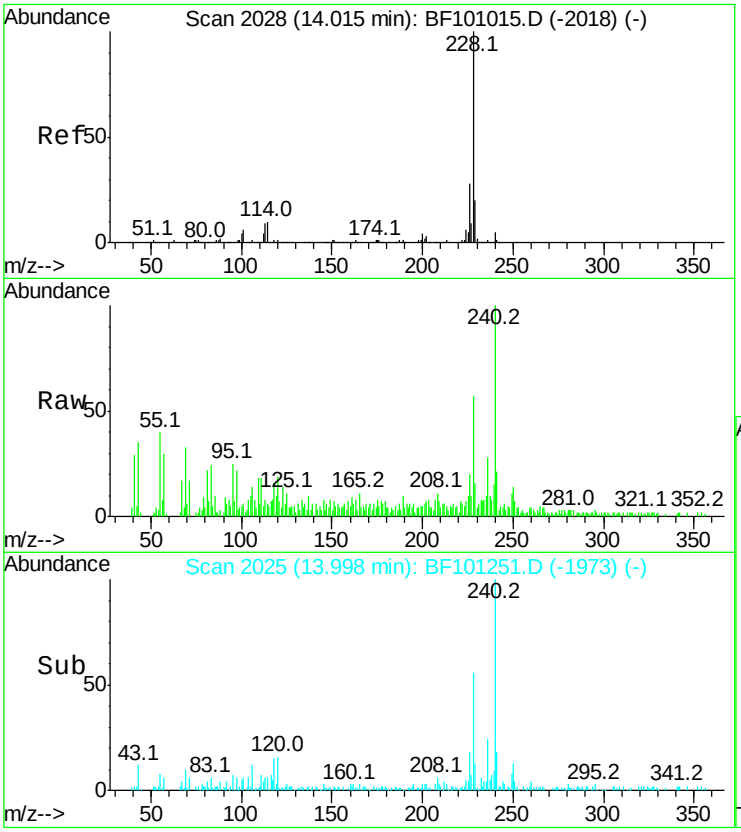


#78
Terphenyl-d14
Concen: 73.831 ng
RT: 12.94 min Scan# 1846
Delta R.T. 0.01 min
Lab File: BF101251.D
Acq: 8 Dec 2017 22:13

Tgt Ion:244 Resp: 293244

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	10.2	11.0	16.4#



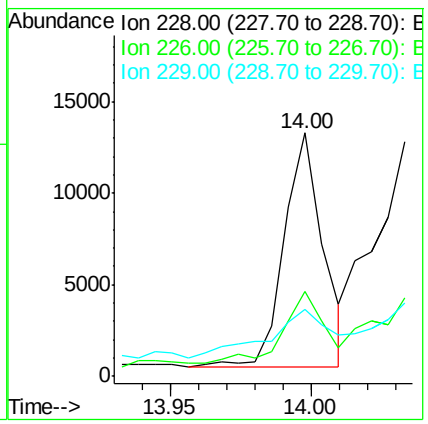


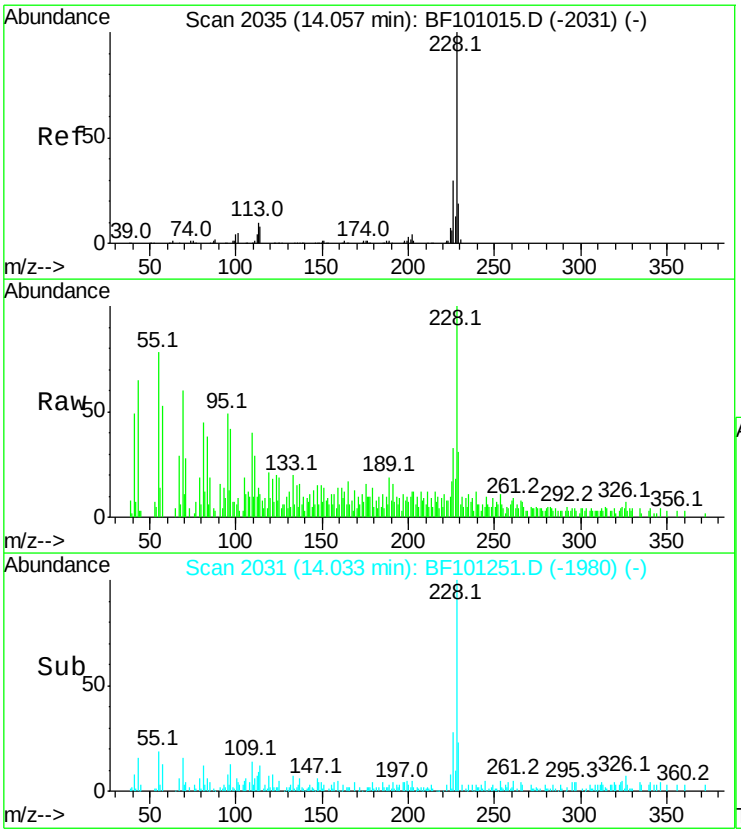
#80
Benzo(a)anthracene
Concen: 2.223 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF101251.D
Acq: 8 Dec 2017 22:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 12196

Ion	Ratio	Lower	Upper
228	100		
226	34.8	22.6	33.8#
229	27.4	15.8	23.6#

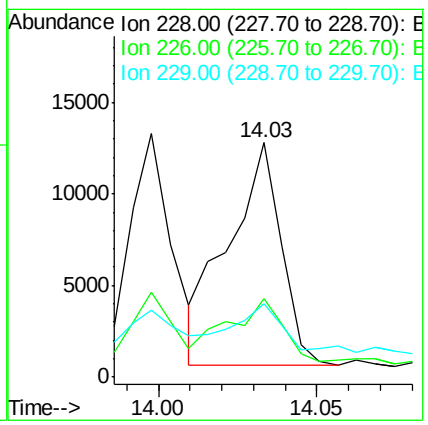


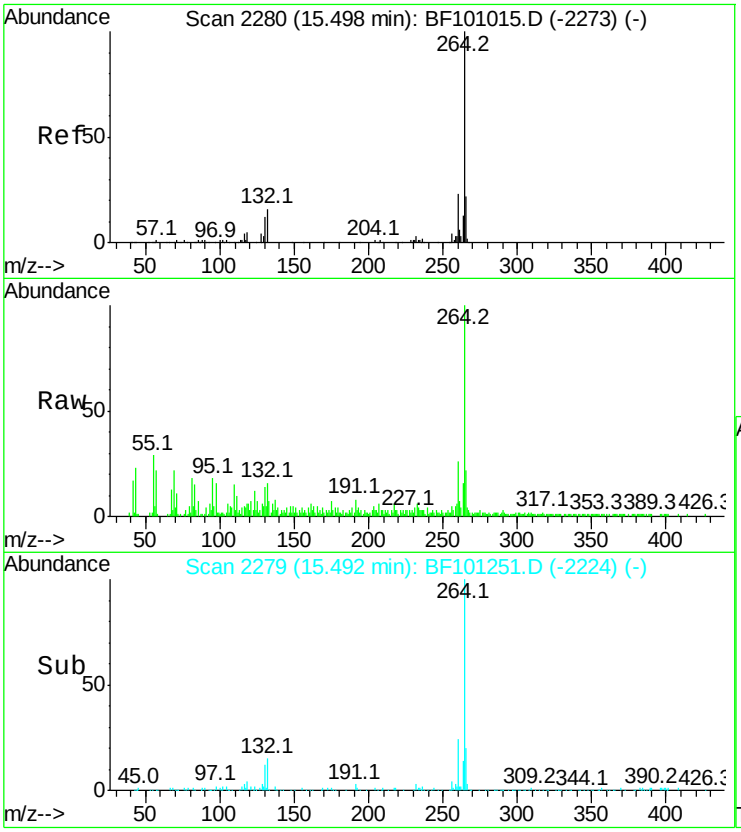


#82
Chrysene
Concen: 2.762 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF101251.D
Acq: 8 Dec 2017 22:13

Tgt Ion:228 Resp: 14071

Ion	Ratio	Lower	Upper
228	100		
226	33.4	25.0	37.6
229	31.0	16.2	24.4#



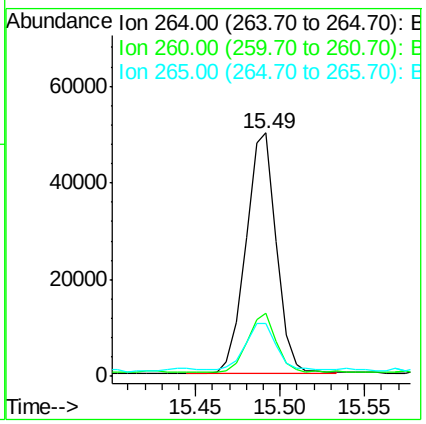


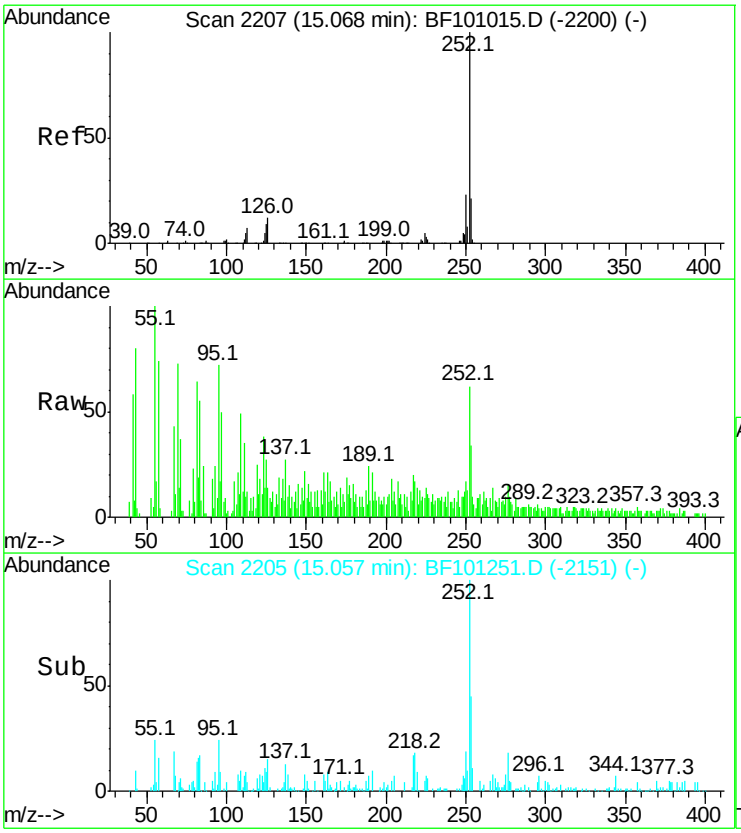
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.02 min
Lab File: BF101251.D
Acq: 8 Dec 2017 22:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 62520

Ion	Ratio	Lower	Upper
264	100		
260	26.1	19.2	28.8
265	21.9	17.5	26.3

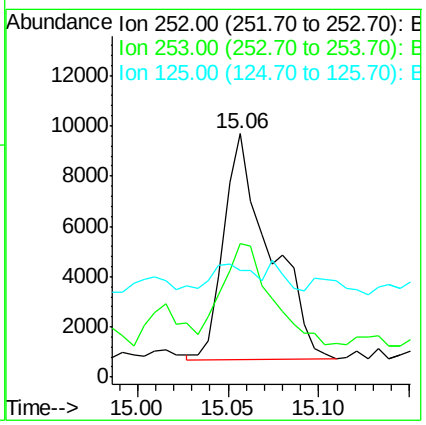


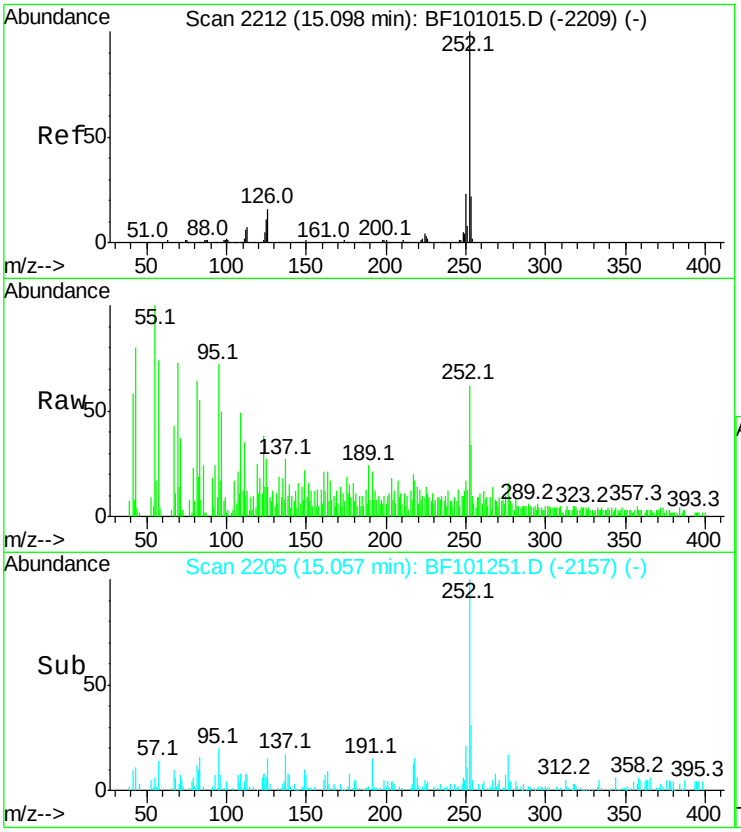


#87
Benzo(b)fluoranthene
Concen: 4.237 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.02 min
Lab File: BF101251.D
Acq: 8 Dec 2017 22:13

Tgt Ion:252 Resp: 15868

Ion	Ratio	Lower	Upper
252	100		
253	54.6	17.0	25.6#
125	43.9	9.0	13.6#



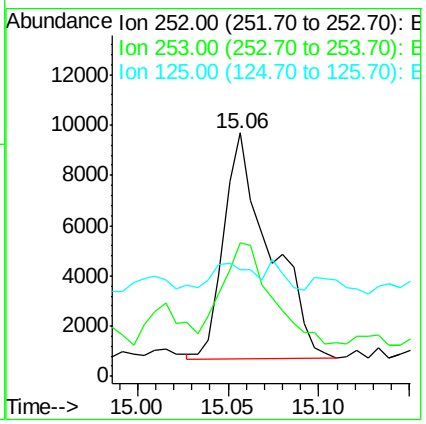


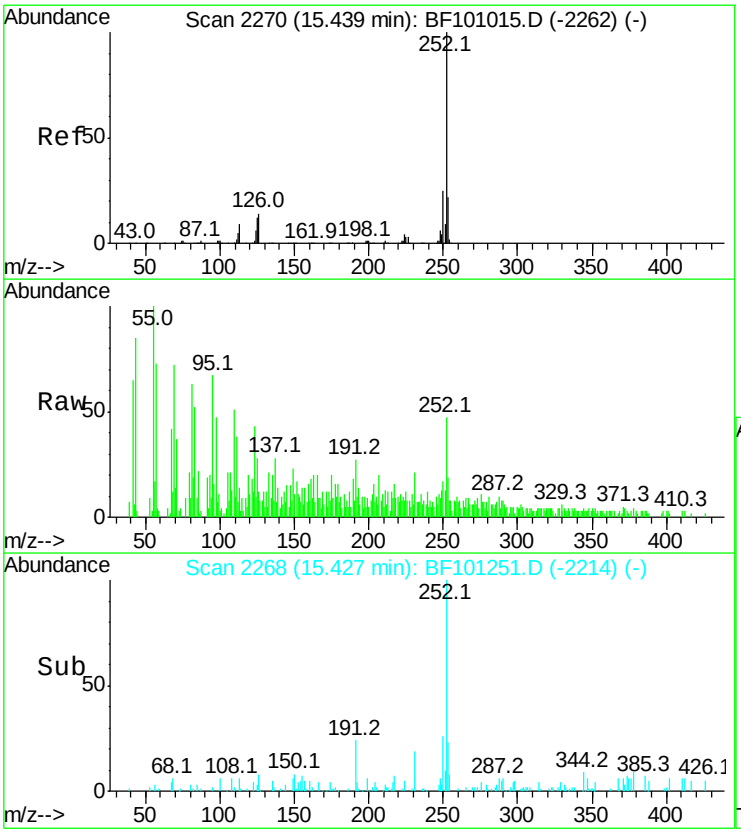
#88
Benzo(k)fluoranthene
Concen: 4.301 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BF101251.D
Acq: 8 Dec 2017 22:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 15868

Ion	Ratio	Lower	Upper
252	100		
253	54.6	17.9	26.9#
125	43.9	10.2	15.2#

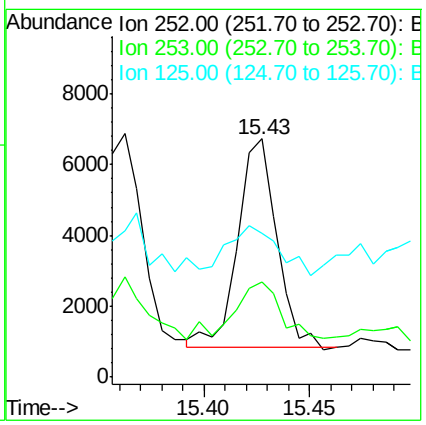


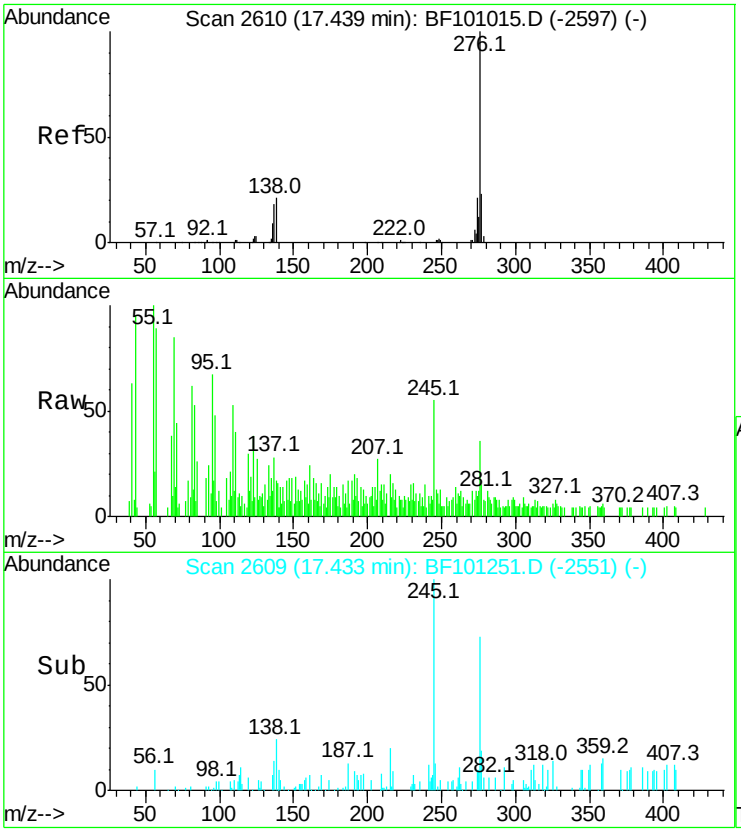


#89
Benzo(a)pyrene
Concen: 2.211 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.02 min
Lab File: BF101251.D
Acq: 8 Dec 2017 22:13

Tgt Ion:252 Resp: 7528

Ion	Ratio	Lower	Upper
252	100		
253	39.9	17.1	25.7#
125	60.3	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 2.020 ng
RT: 17.43 min Scan# 2609
Delta R.T. 0.04 min
Lab File: BF101251.D
Acq: 8 Dec 2017 22:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 5713

Ion	Ratio	Lower	Upper
276	100		
277	41.6	17.9	26.9#
138	47.0	21.8	32.8#