Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120117\
Data File : BF101080.D
Acq On : 1 Dec 2017 22:52
Operator : SJ/JU
Sample : I6618-02RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-106-4(5-10)

Quant Time: Dec 02 00:36:40 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 15:52:19 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	51535	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	201627	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	91520	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	155609	20.00	ng		0.00
75) Chrysene-d12	14.02	240	115672	20.00	ng		0.00
86) Perylene-d12	15.49	264	107753	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	267202	85.68	ng		0.00
7) Phenol-d6	6.48	99	329705	87.08	ng		0.00
23) Nitrobenzene-d5	7.41	82	201624	59.65	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	61825	56.23	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	411803	61.56	ng		0.00
78) Terphenyl-d14	12.96	244	285758	54.03	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.49	94	13190	3.133	ng		86
19) n-Nitroso-di-n-propylamine	7.41	70	26382	10.346	ng	#	80
25) Isophorone	7.41	82	201622	34.923	ng	#	64
49) Dimethylphthalate	9.59	163	19108	2.589	ng	#	99
50) 2,6-Dinitrotoluene	9.88	165	11593	7.457	ng	#	24
56) 2,4-Dinitrotoluene	9.88	165	11593	5.564	ng	#	21
66) 4-Bromophenyl-phenylether	10.67	248	4136	2.375	ng	#	1

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

Quantitation Report (Not Reviewed)

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ENV-106-4(5-10)

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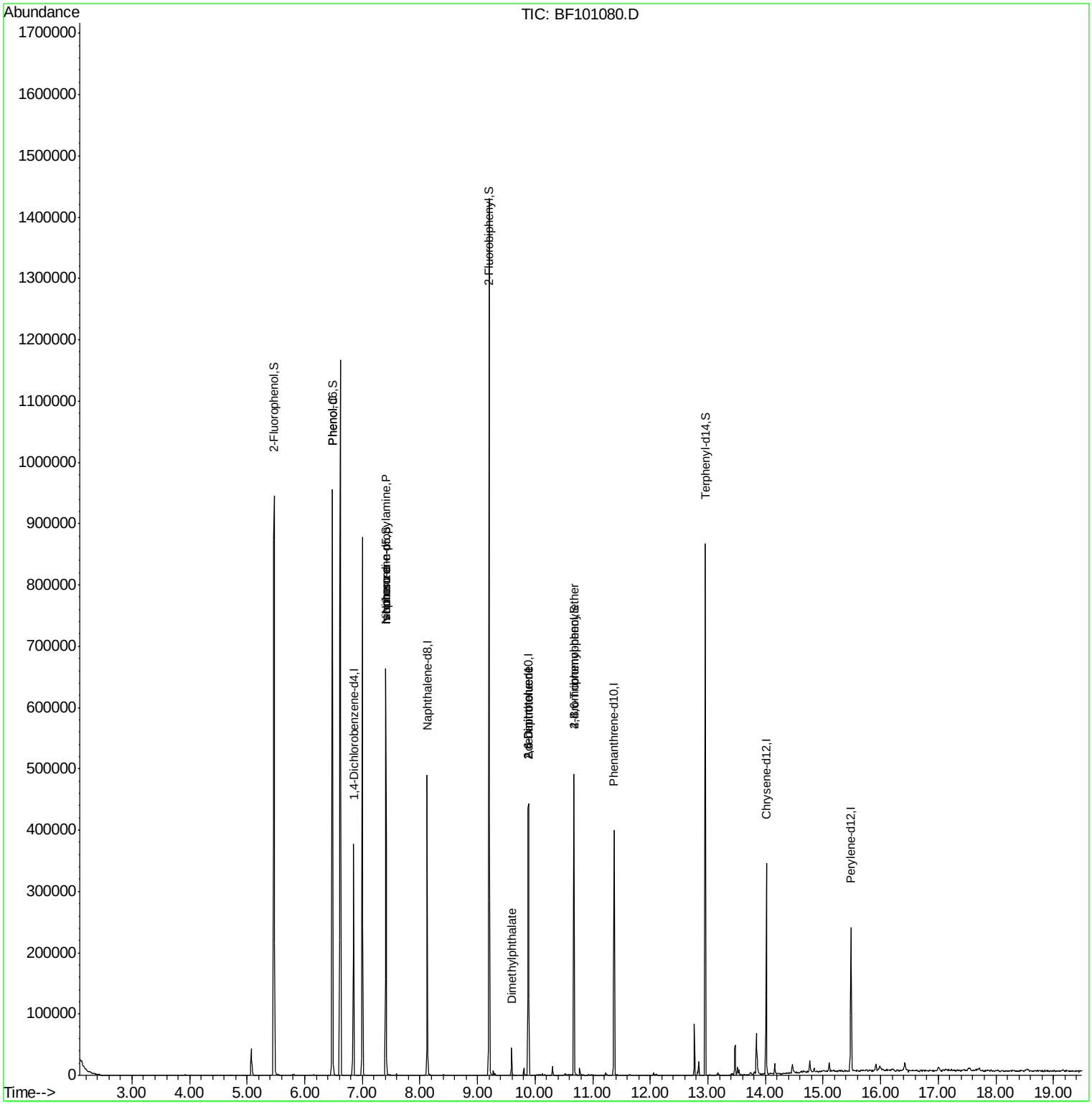
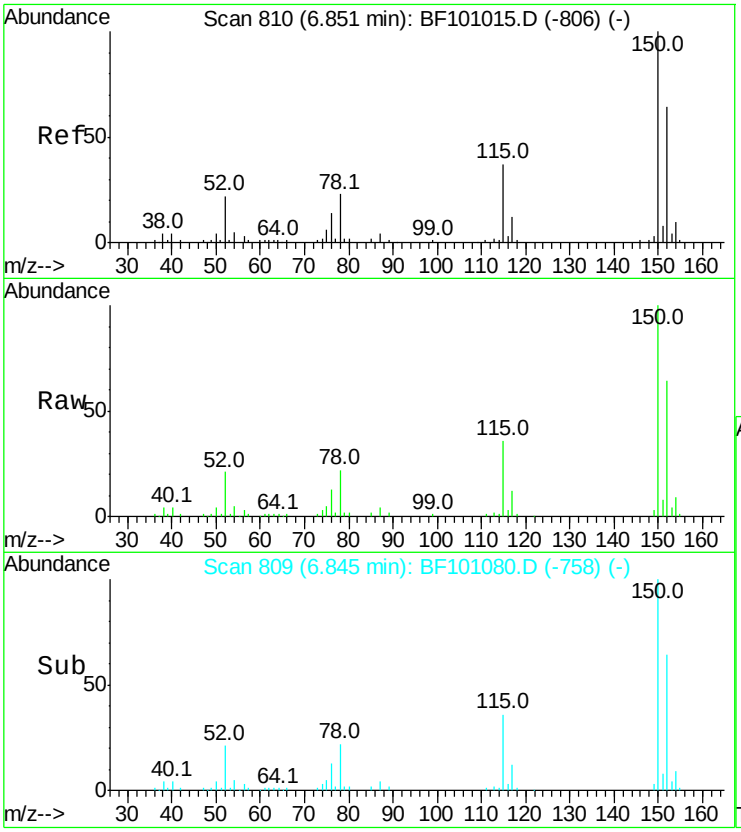


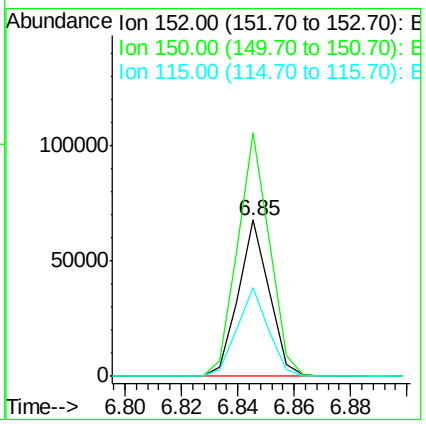


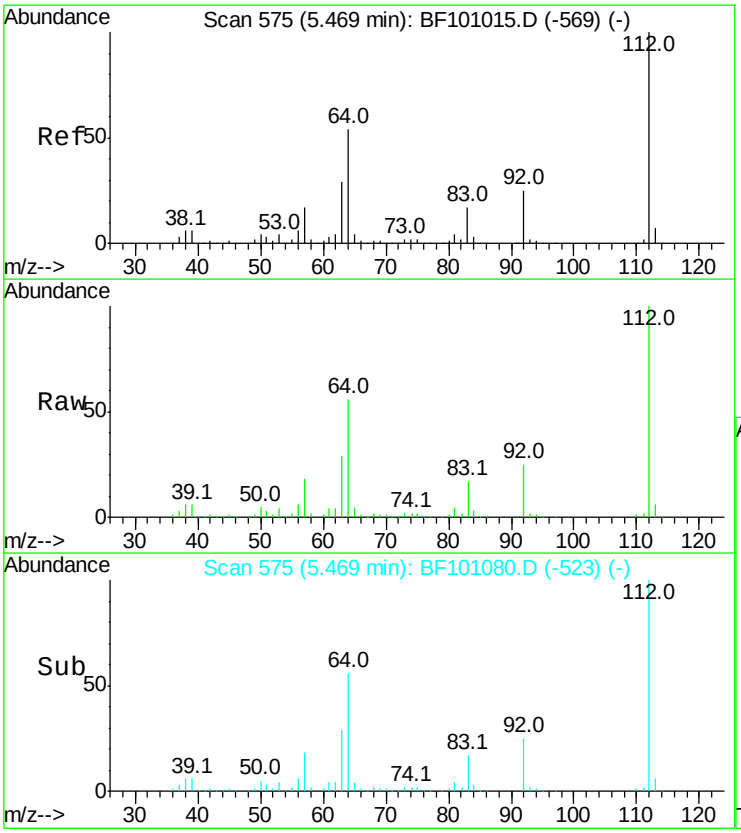
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101080.D
Acq: 1 Dec 2017 22:52

Instrument :
BNA_F
ClientSampleId :
ENV-106-4(5-10)

Tgt Ion:152 Resp: 51535

Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.6	186.8
115	56.6	50.1	75.1

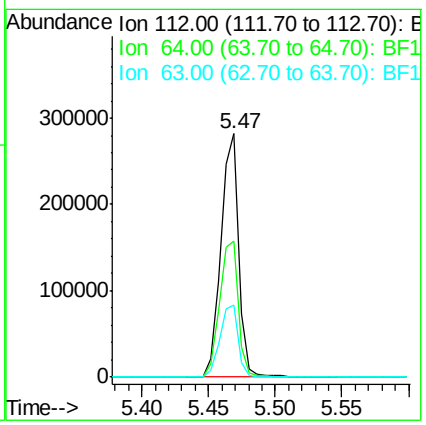


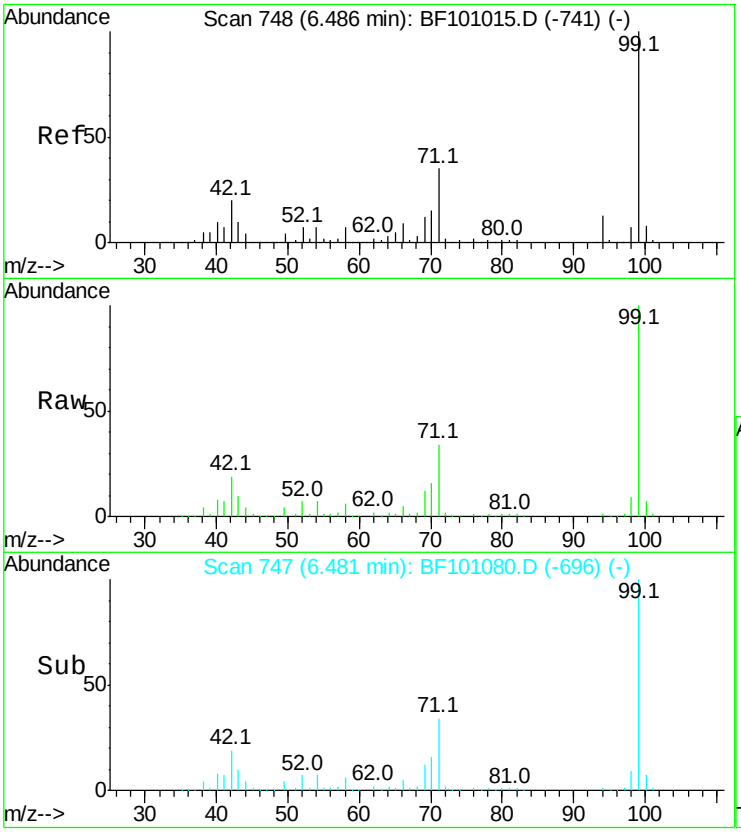


#5
2-Fluorophenol
Concen: 85.677 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101080.D
Acq: 1 Dec 2017 22:52

Tgt Ion:112 Resp: 267202

Ion	Ratio	Lower	Upper
112	100		
64	56.1	47.9	71.9
63	29.4	23.7	35.5



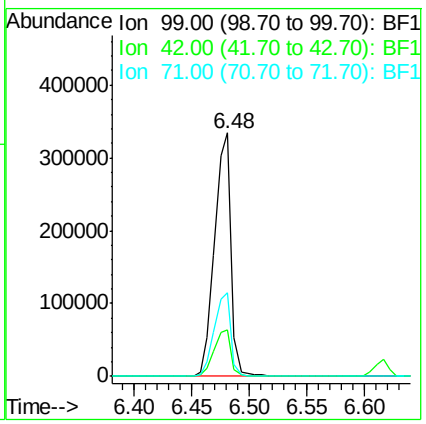


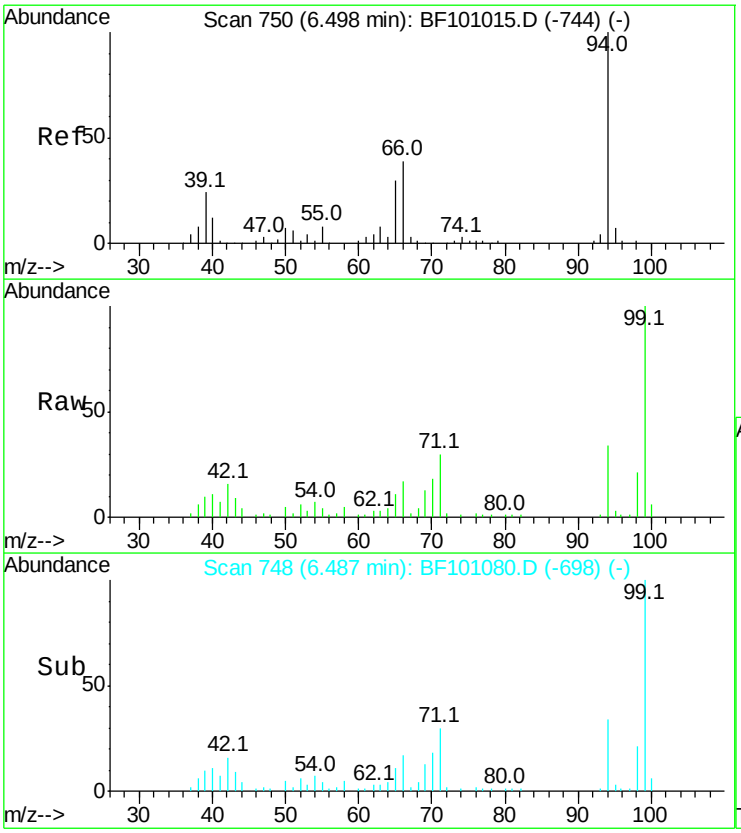
#7
Phenol-d6
Concen: 87.076 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF101080.D
Acq: 1 Dec 2017 22:52

Instrument :
BNA_F
ClientSampleId :
ENV-106-4(5-10)

Tgt Ion: 99 Resp: 329705

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.5	21.7
71	34.4	25.4	38.0

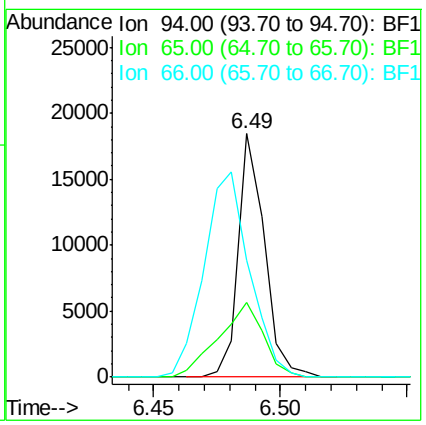


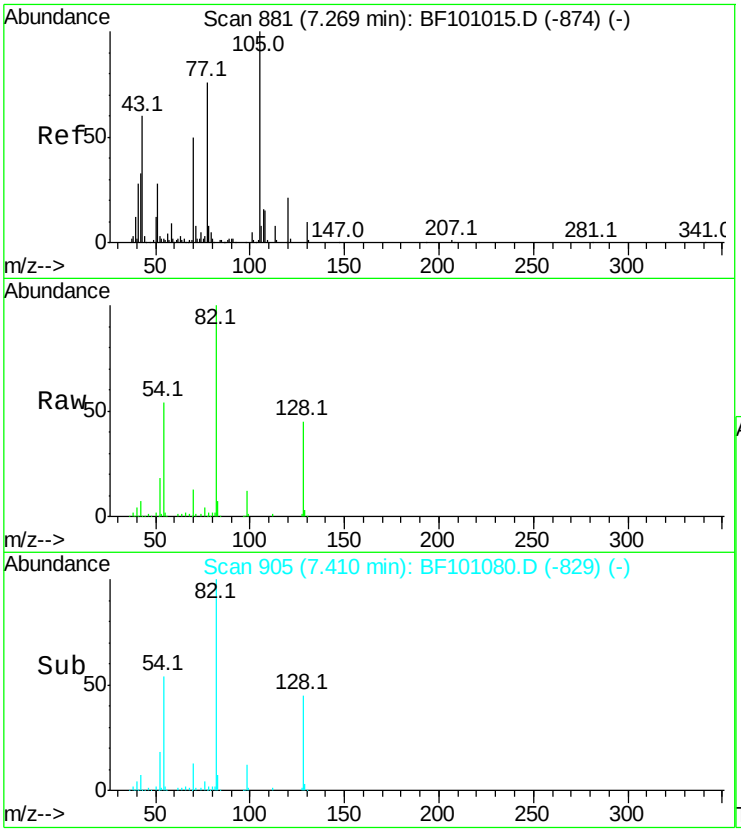


#10
Phenol
Concen: 3.133 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF101080.D
Acq: 1 Dec 2017 22:52

Tgt Ion: 94 Resp: 13190

Ion	Ratio	Lower	Upper
94	100		
65	30.8	7.9	47.9
66	48.0	16.2	56.2



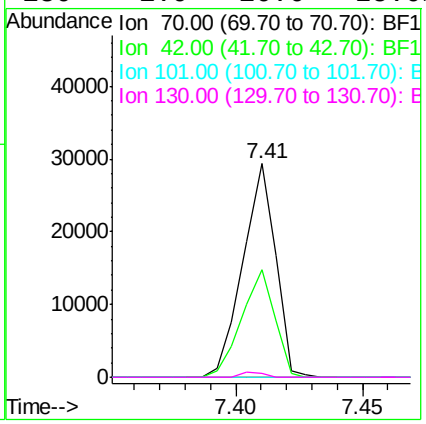


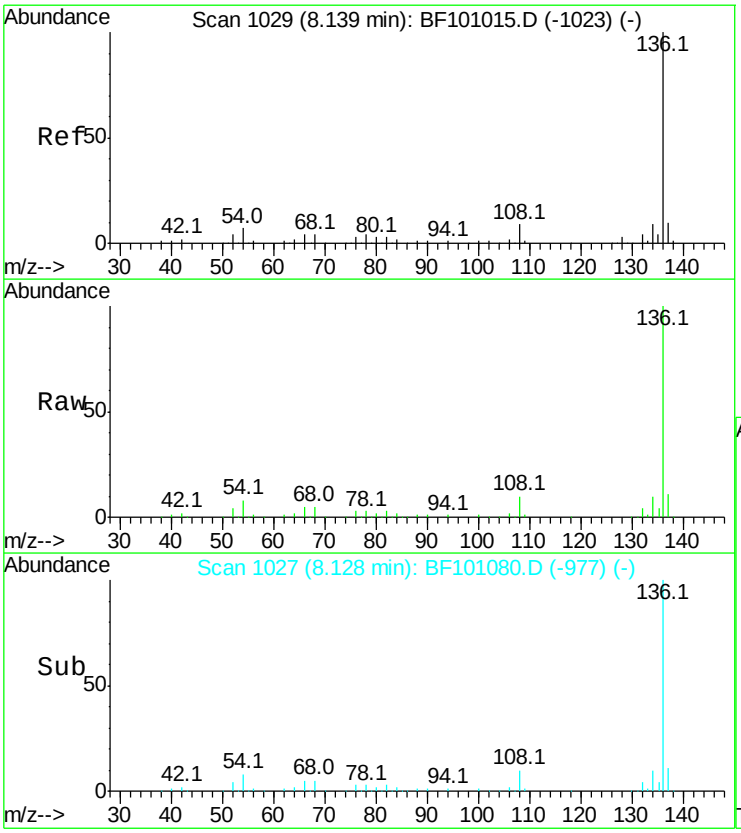
#19
n-Nitroso-di-n-propylamine
Concen: 10.346 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.15 min
Lab File: BF101080.D
Acq: 1 Dec 2017 22:52

Instrument :
BNA_F
ClientSampleId :
ENV-106-4(5-10)

Tgt Ion: 70 Resp: 26382

Ion	Ratio	Lower	Upper
70	100		
42	50.6	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#

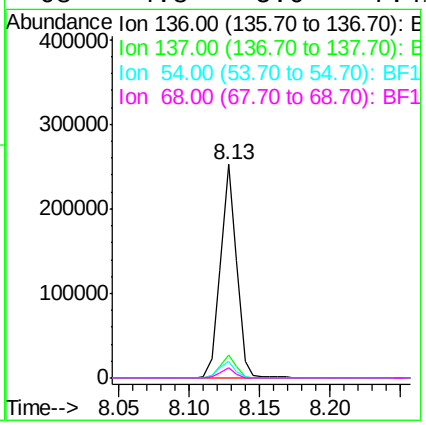


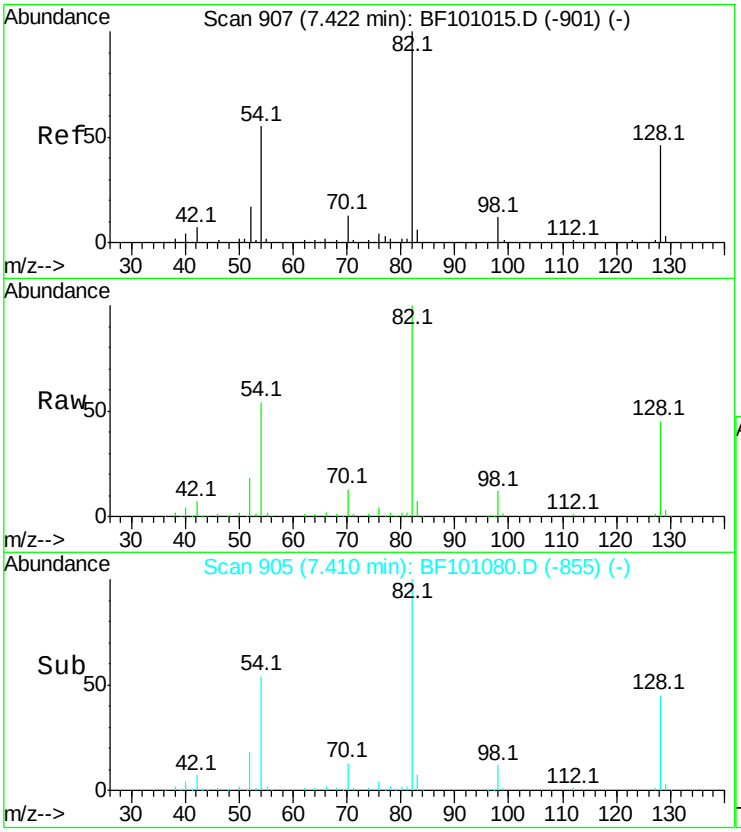


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101080.D
Acq: 1 Dec 2017 22:52

Tgt Ion:136 Resp: 201627

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.7	6.6	9.8
68	4.8	5.0	7.4#



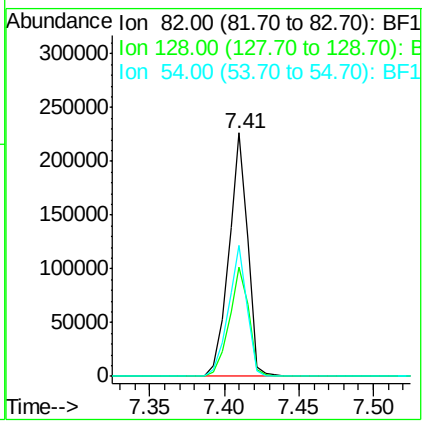


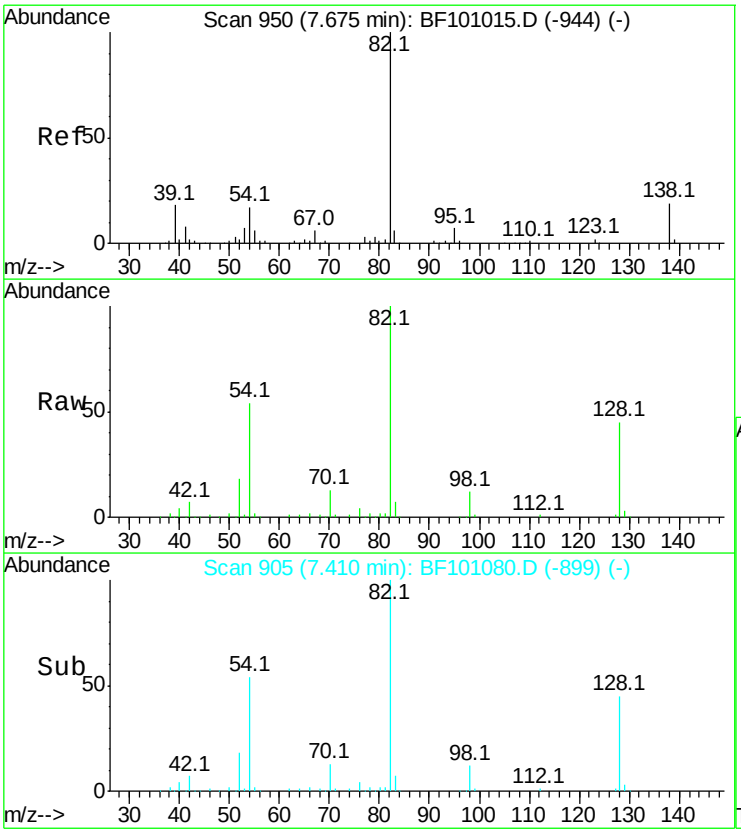
#23
Nitrobenzene-d5
Concen: 59.652 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101080.D
Acq: 1 Dec 2017 22:52

Instrument :
BNA_F
ClientSampleId :
ENV-106-4(5-10)

Tgt Ion: 82 Resp: 201624

Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.1	54.1
54	54.0	41.4	62.2

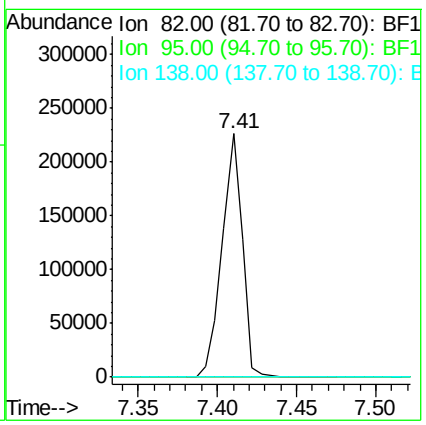


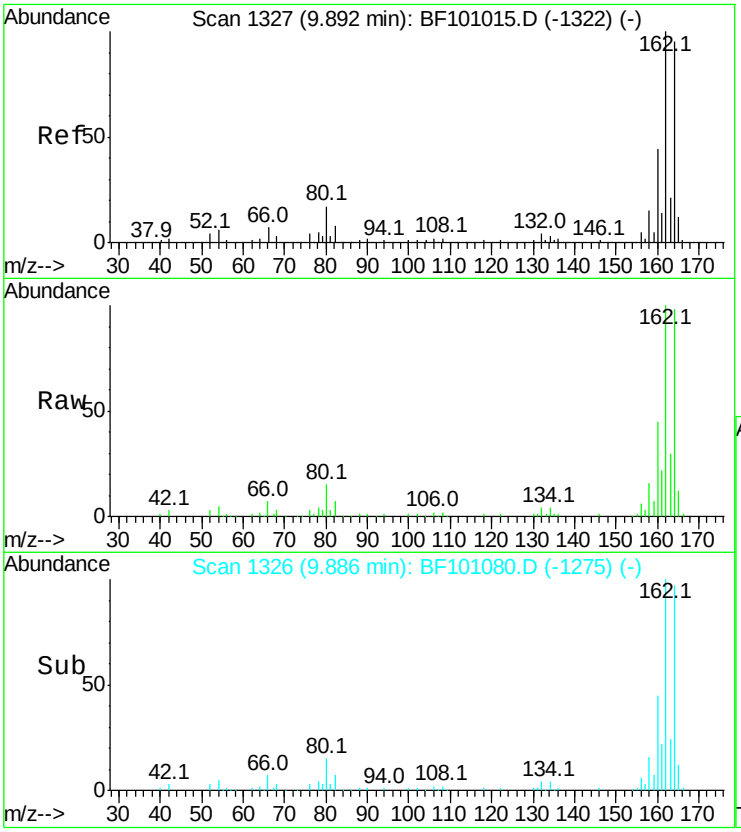


#25
Isophorone
Concen: 34.923 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF101080.D
Acq: 1 Dec 2017 22:52

Tgt Ion: 82 Resp: 201622

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



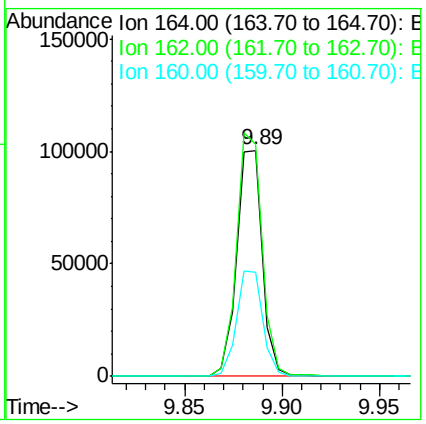


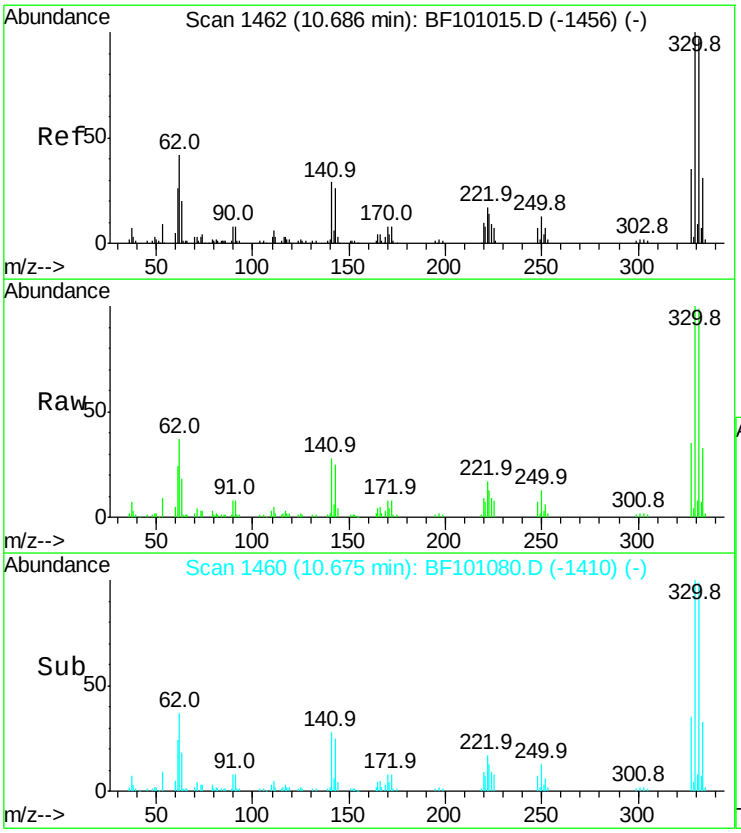
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101080.D
Acq: 1 Dec 2017 22:52

Instrument :
BNA_F
ClientSampleId :
ENV-106-4(5-10)

Tgt Ion:164 Resp: 91520

Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	46.1	38.3	57.5

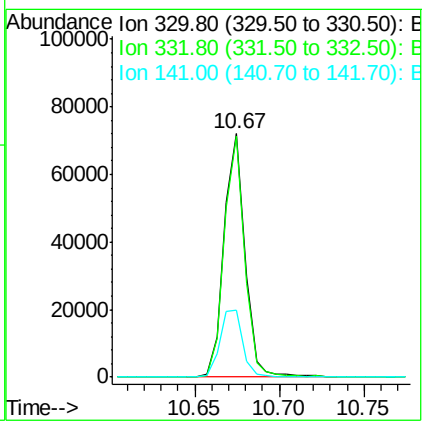


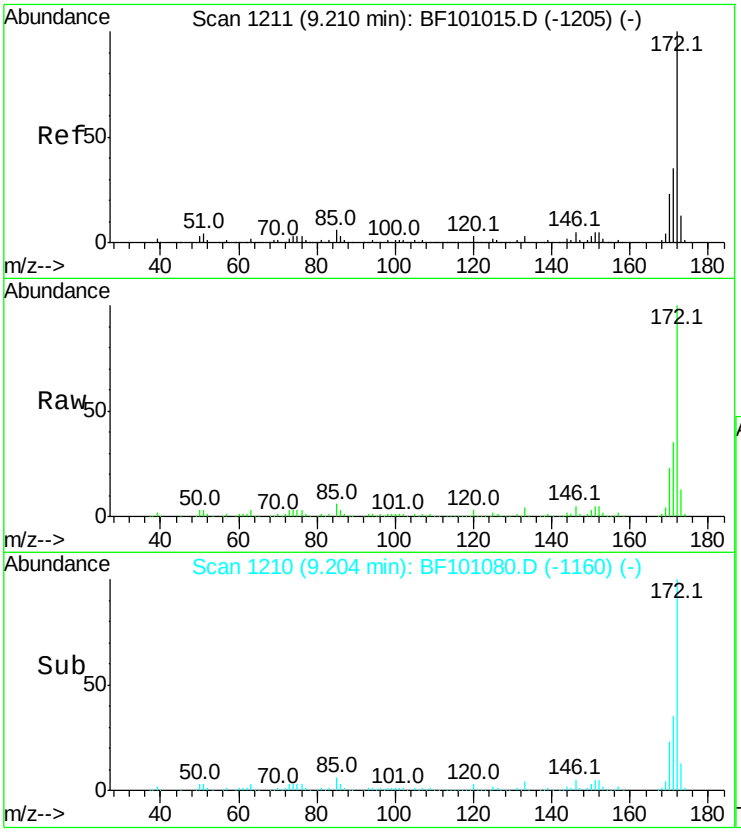


#41
2,4,6-Tribromophenol
Concen: 56.234 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF101080.D
Acq: 1 Dec 2017 22:52

Tgt Ion:330 Resp: 61825

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	30.3	29.9	44.9



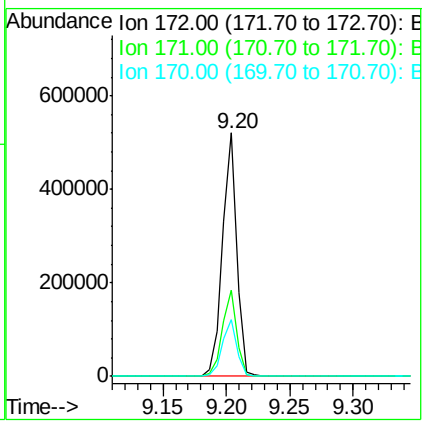


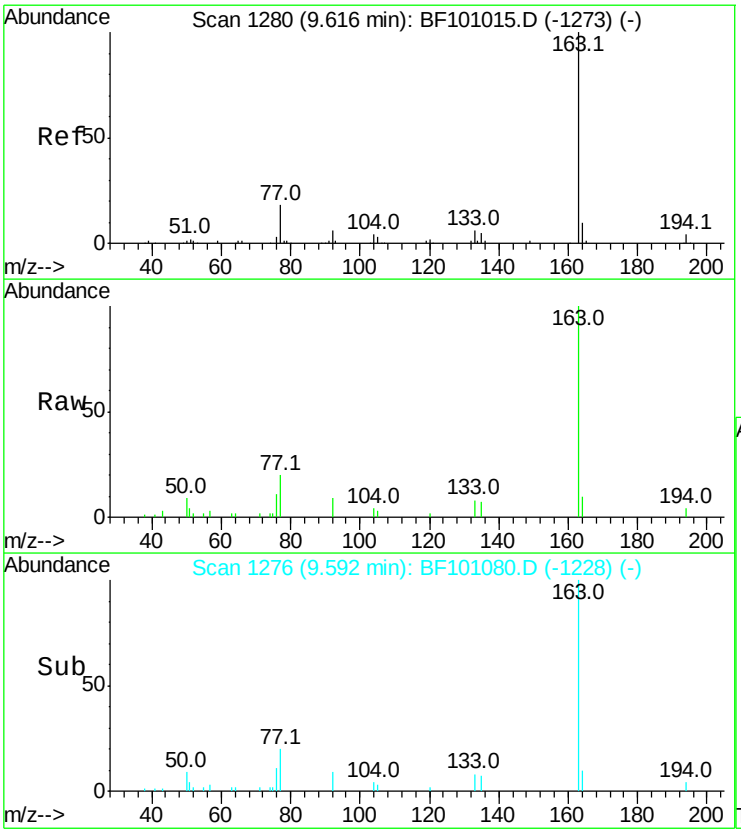
#44
2-Fluorobiphenyl
Concen: 61.563 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101080.D
Acq: 1 Dec 2017 22:52

Instrument :
BNA_F
ClientSampleId :
ENV-106-4(5-10)

Tgt Ion:172 Resp: 411803

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.4	19.6	29.4

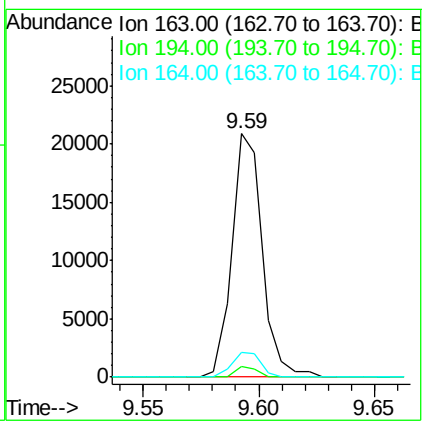


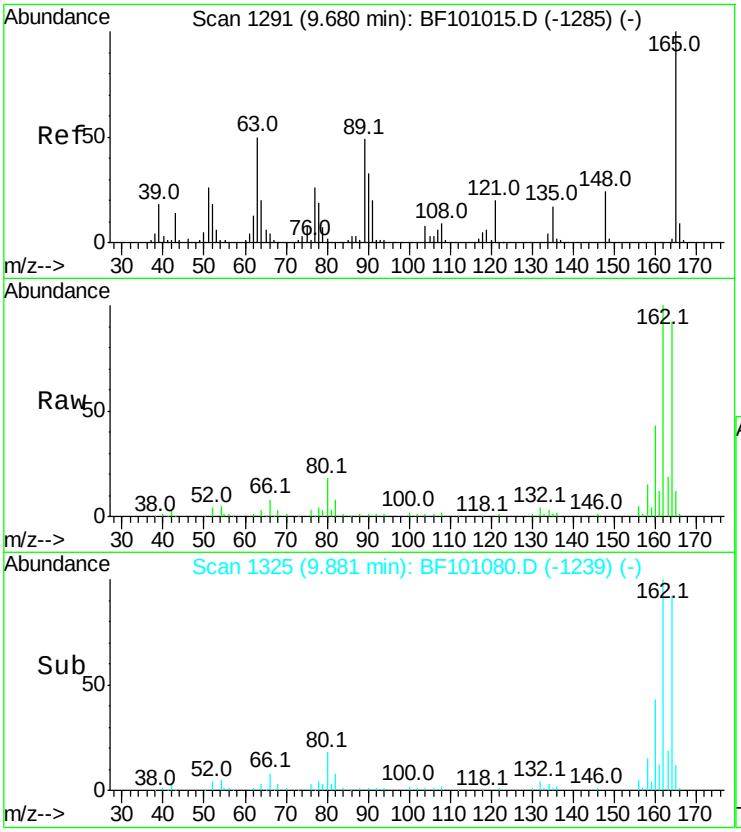


#49
Dimethylphthalate
Concen: 2.589 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF101080.D
Acq: 1 Dec 2017 22:52

Tgt Ion:163 Resp: 19108

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	10.3	8.2	12.2



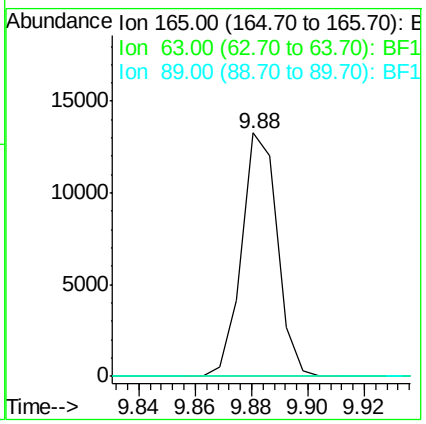


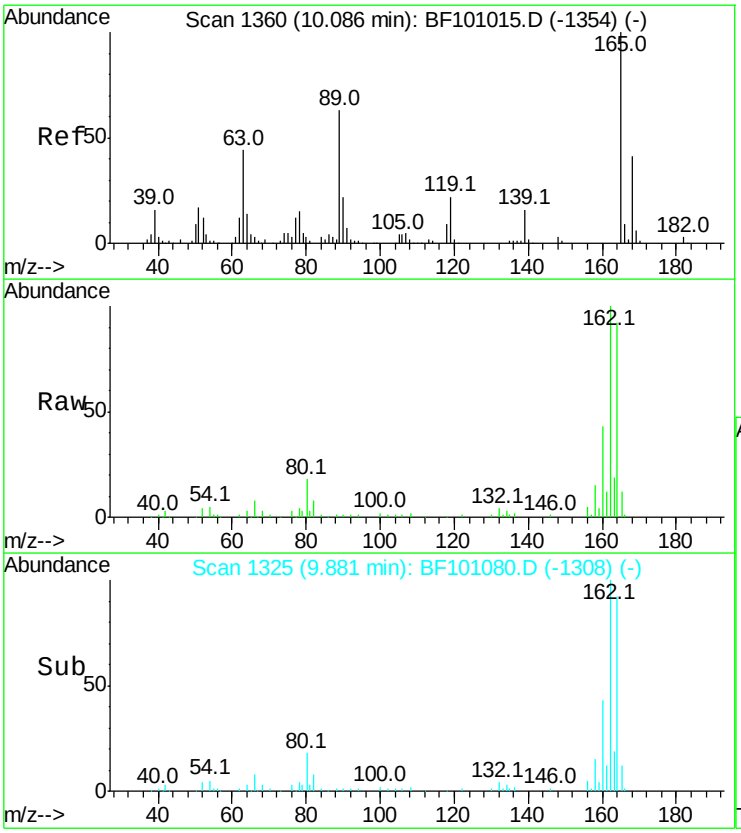
#50
2,6-Dinitrotoluene
Concen: 7.457 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.21 min
Lab File: BF101080.D
Acq: 1 Dec 2017 22:52

Instrument :
BNA_F
ClientSampleId :
ENV-106-4(5-10)

Tgt Ion:165 Resp: 11593

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#

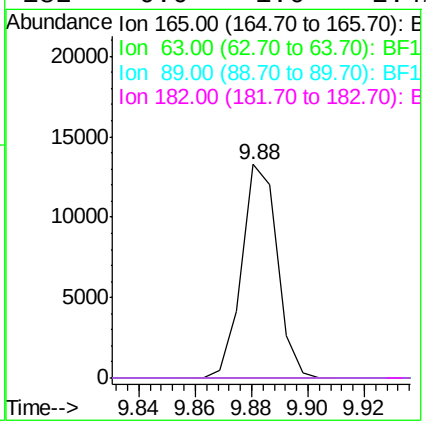


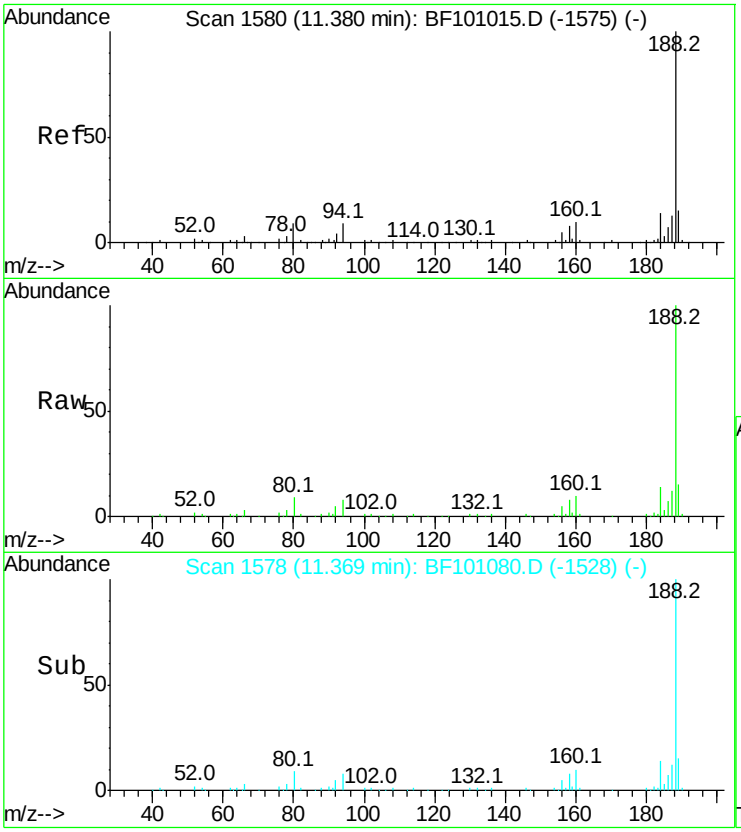


#56
2,4-Dinitrotoluene
Concen: 5.564 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.20 min
Lab File: BF101080.D
Acq: 1 Dec 2017 22:52

Tgt Ion:165 Resp: 11593

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#



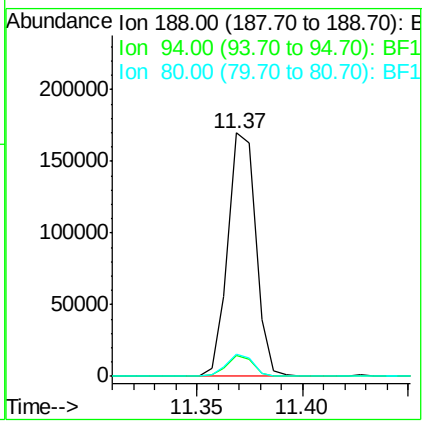


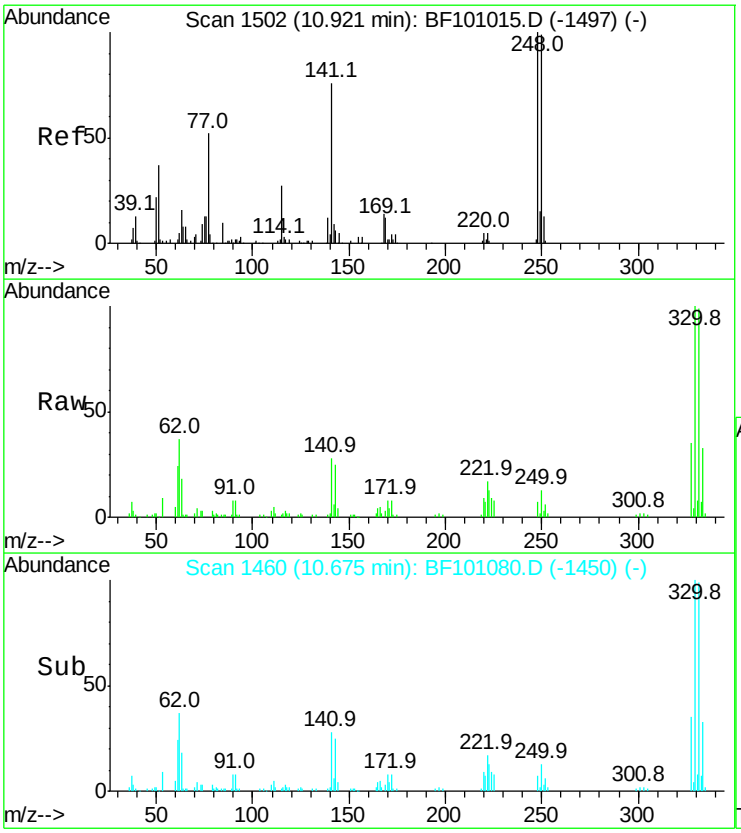
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF101080.D
Acq: 1 Dec 2017 22:52

Instrument :
BNA_F
ClientSampleId :
ENV-106-4(5-10)

Tgt Ion:188 Resp: 155609

Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.5	12.7#
80	8.9	9.2	13.8#

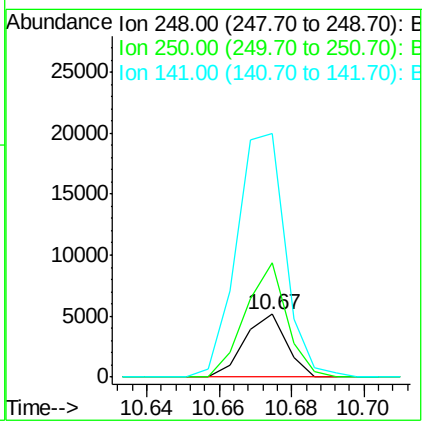


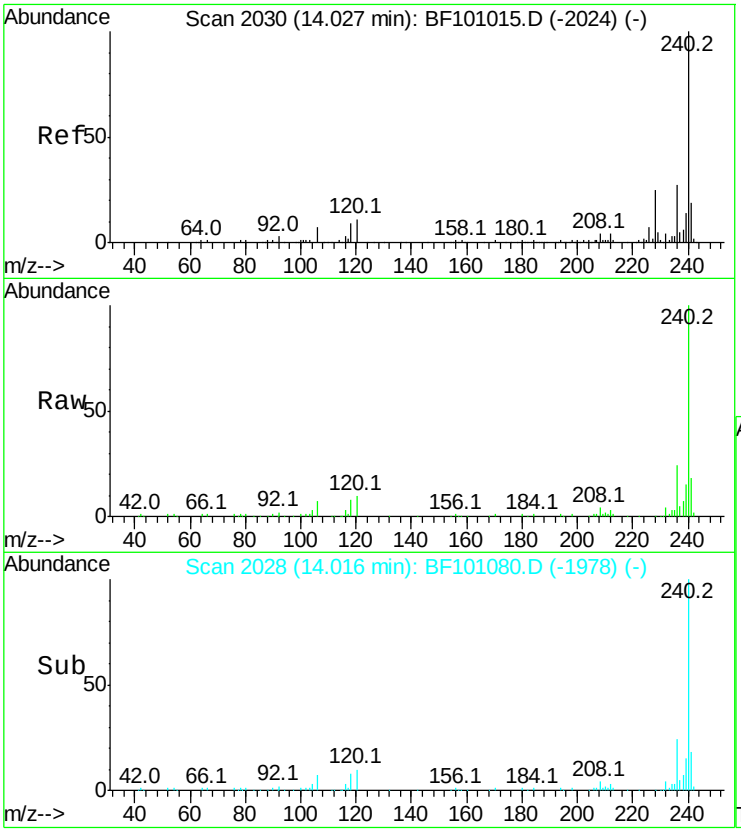


#66
4-Bromophenyl-phenylether
Concen: 2.375 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF101080.D
Acq: 1 Dec 2017 22:52

Tgt Ion:248 Resp: 4136

Ion	Ratio	Lower	Upper
248	100		
250	182.0	76.9	115.3#
141	386.4	74.4	111.6#



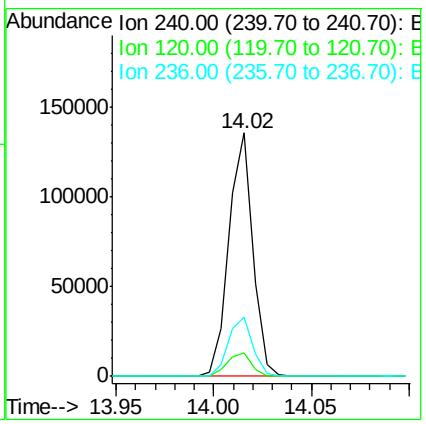


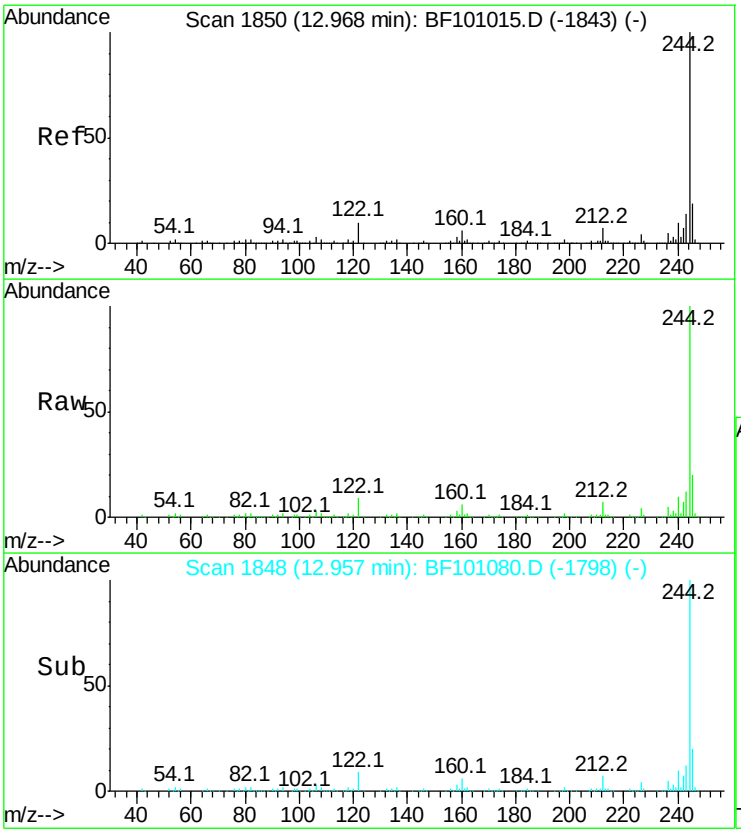
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101080.D
Acq: 1 Dec 2017 22:52

Instrument :
BNA_F
ClientSampleId :
ENV-106-4(5-10)

Tgt Ion:240 Resp: 115672

Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.5	14.3
236	24.2	20.7	31.1

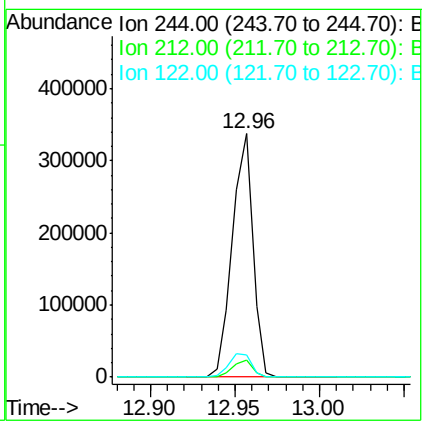


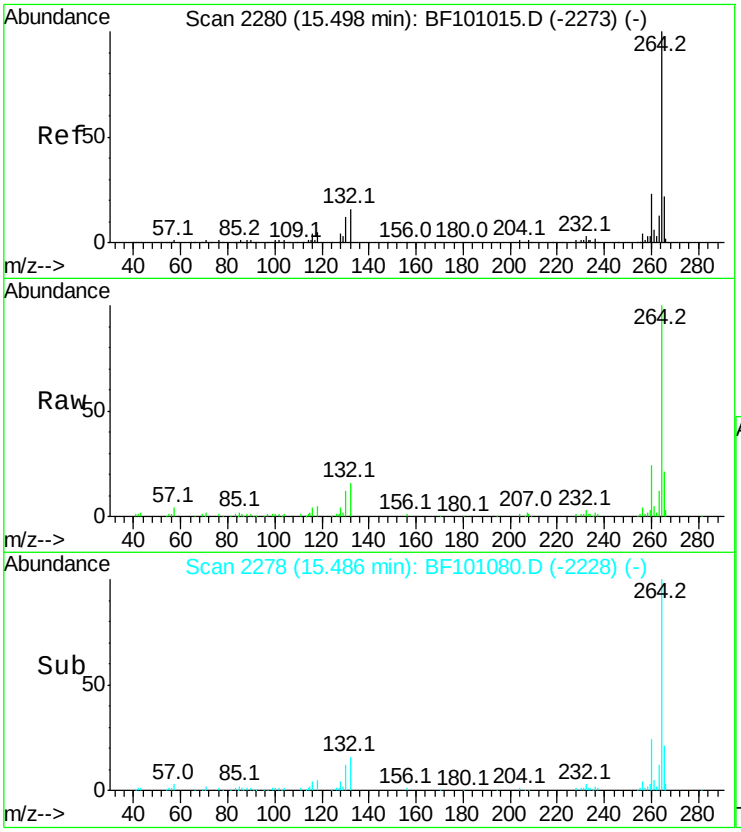


#78
Terphenyl-d14
Concen: 54.034 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF101080.D
Acq: 1 Dec 2017 22:52

Tgt Ion:244 Resp: 285758

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	9.3	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF101080.D
Acq: 1 Dec 2017 22:52

Instrument :
BNA_F
ClientSampleId :
ENV-106-4(5-10)

Tgt Ion:264 Resp: 107753

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.2	17.5	26.3