Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
Data File : BF100886.D
Acq On : 27 Nov 2017 12:38
Operator : SJ/JU
Sample : I6574-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 27 21:55:22 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 14:11:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	80041	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	322078	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	153672	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	294091	20.00	ng		0.00
75) Chrysene-d12	14.02	240	176795	20.00	ng		0.00
86) Perylene-d12	15.49	264	171373	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	310193	62.12	ng		0.00
7) Phenol-d6	6.49	99	405382	65.84	ng		0.00
23) Nitrobenzene-d5	7.42	82	258060	52.97	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	95133	60.75	ng		-0.01
44) 2-Fluorobiphenyl	9.22	172	546338	54.14	ng		0.00
78) Terphenyl-d14	12.96	244	521135	67.73	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.50	94	13577	2.100	ng		96
19) n-Nitroso-di-n-propylamine	7.42	70	33271	7.792	ng	#	78
25) Isophorone	7.42	82	258057	25.208	ng	#	64
47) 2-Nitroaniline	9.60	65	612	2.986	ng	#	1
49) Dimethylphthalate	9.60	163	65880	5.615	ng		100
50) 2,6-Dinitrotoluene	9.89	165	19348	8.331	ng	#	26
56) 2,4-Dinitrotoluene	9.89	165	19348	6.604	ng	#	23

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

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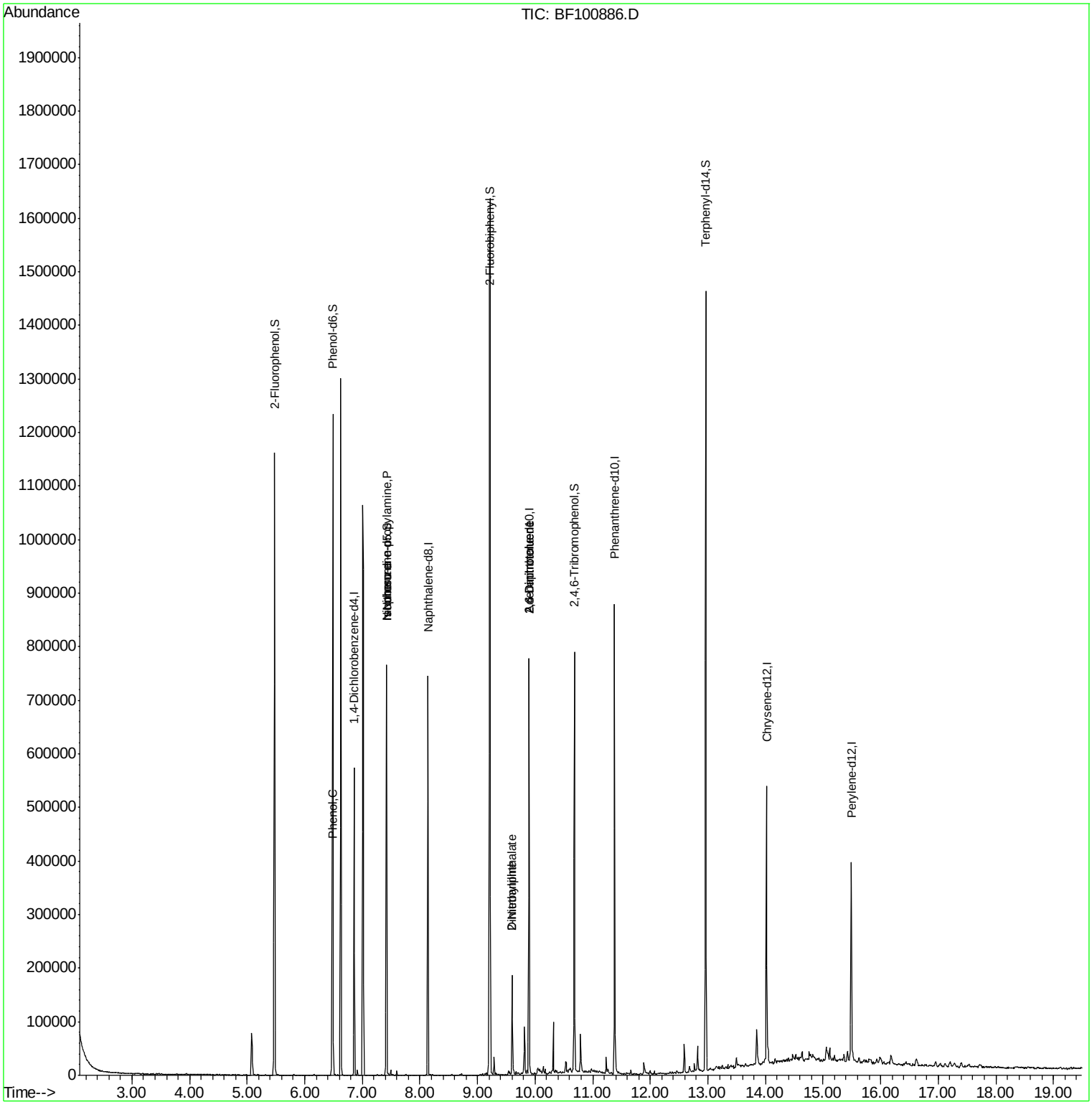
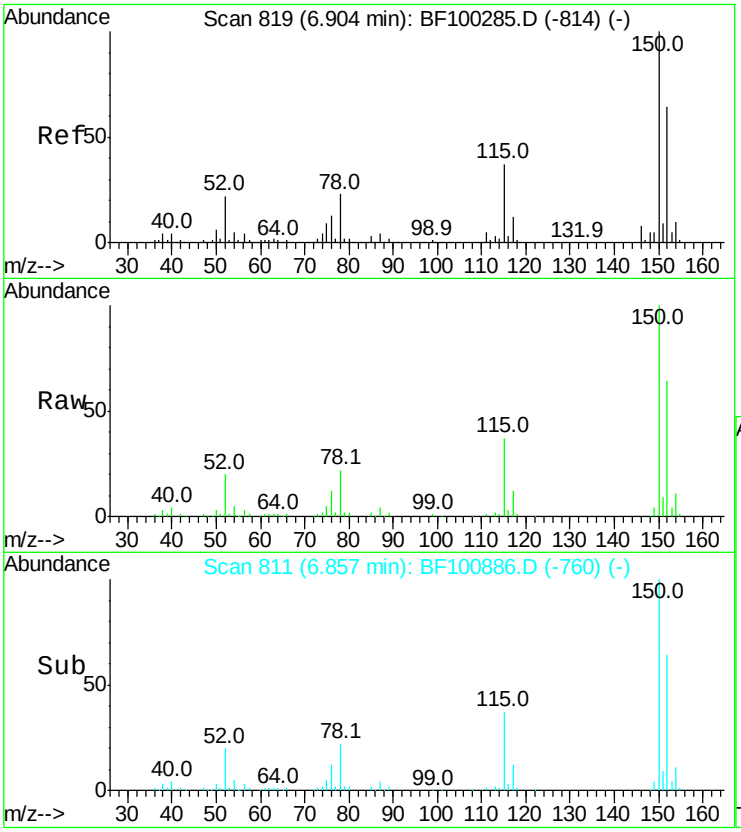


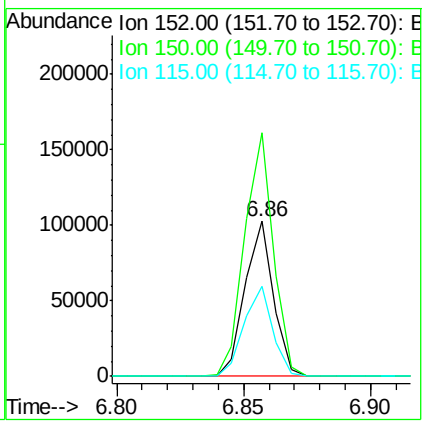


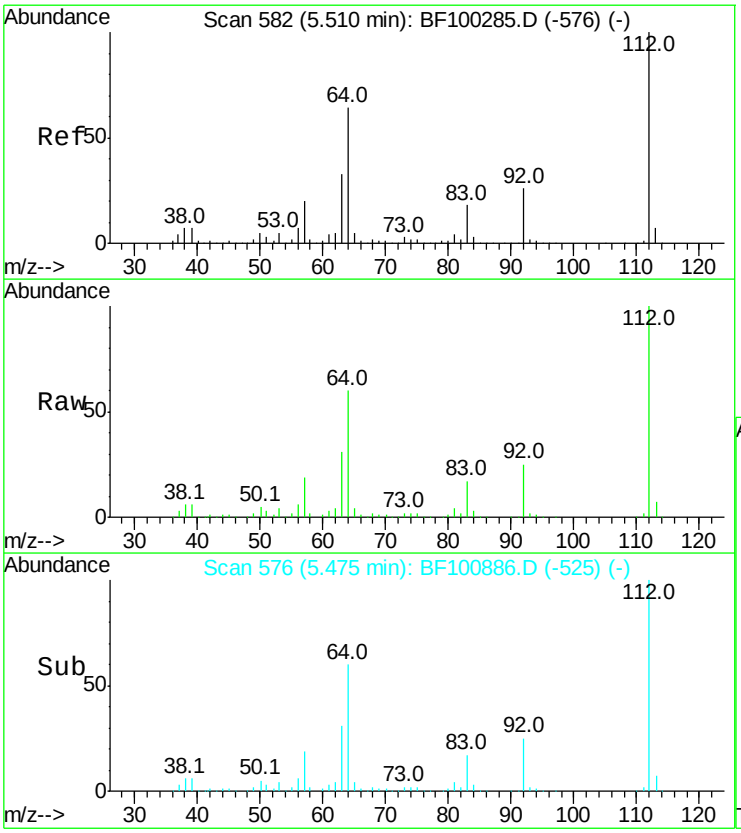
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF100886.D
Acq: 27 Nov 2017 12:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 80041

Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	58.4	50.1	75.1

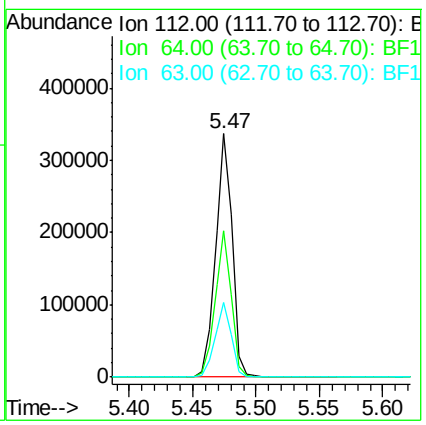


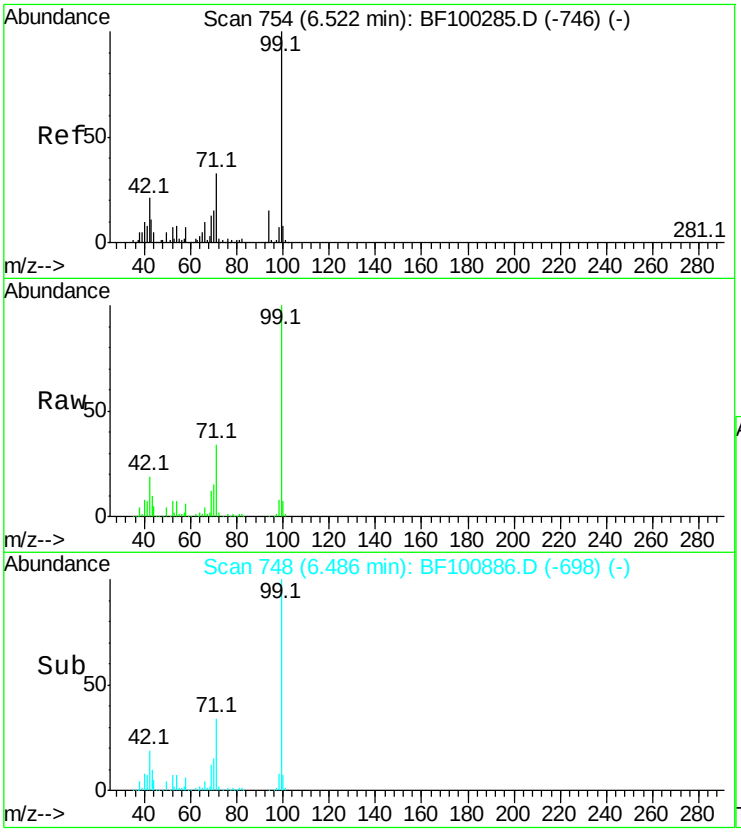


#5
2-Fluorophenol
Concen: 62.123 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF100886.D
Acq: 27 Nov 2017 12:38

Tgt Ion:112 Resp: 310193

Ion	Ratio	Lower	Upper
112	100		
64	60.0	47.9	71.9
63	30.6	23.7	35.5



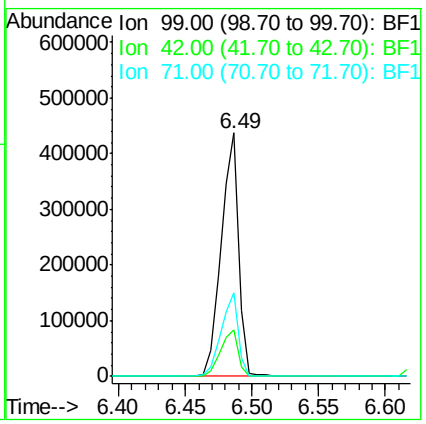


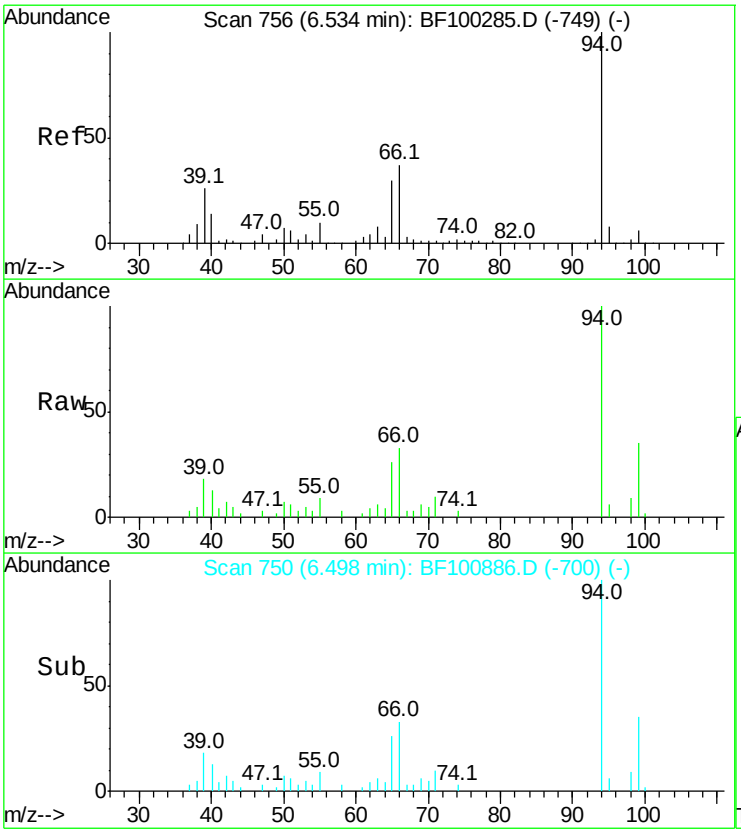
#7
Phenol-d6
Concen: 65.837 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF100886.D
Acq: 27 Nov 2017 12:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 405382

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.5	21.7
71	34.1	25.4	38.0

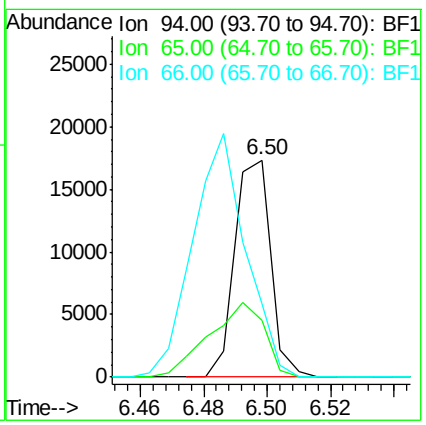


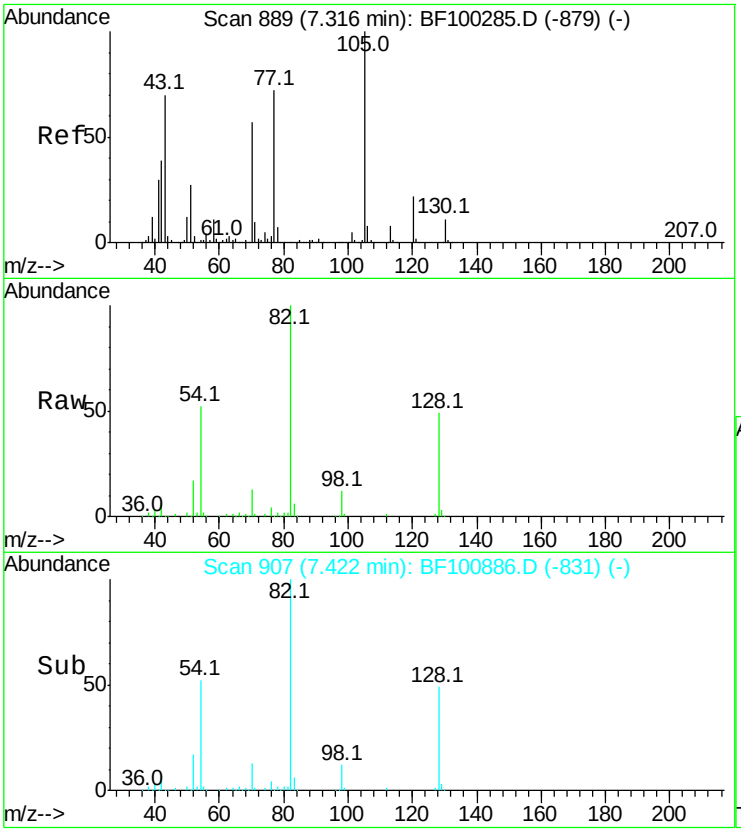


#10
Phenol
Concen: 2.100 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF100886.D
Acq: 27 Nov 2017 12:38

Tgt Ion: 94 Resp: 13577

Ion	Ratio	Lower	Upper
94	100		
65	26.0	7.9	47.9
66	33.5	16.2	56.2



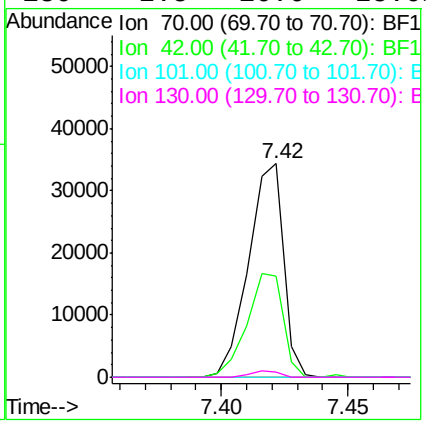


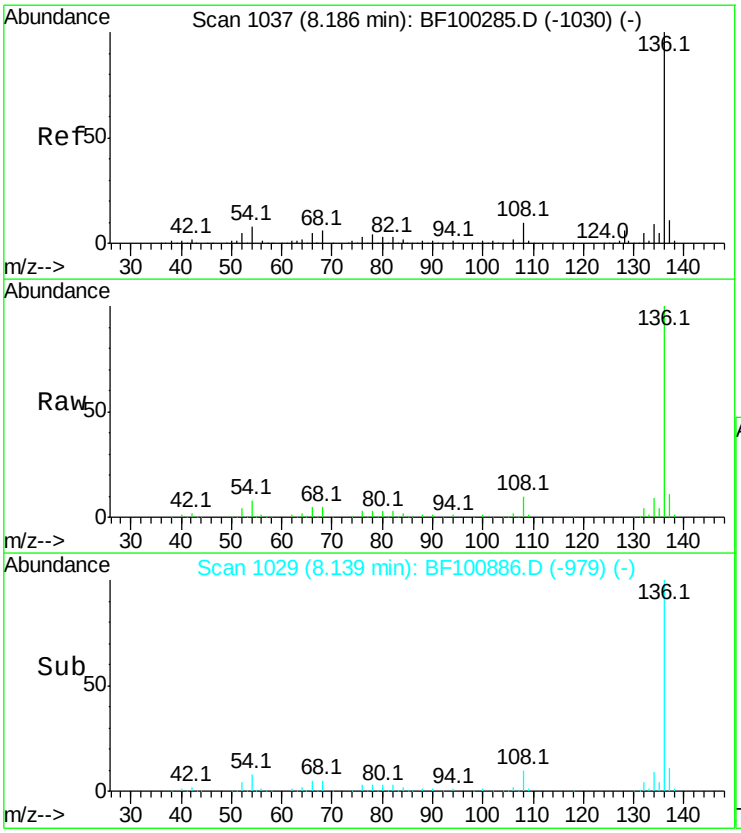
#19
n-Nitroso-di-n-propylamine
Concen: 7.792 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF100886.D
Acq: 27 Nov 2017 12:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 33271

Ion	Ratio	Lower	Upper
70	100		
42	47.4	47.5	71.3#
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#

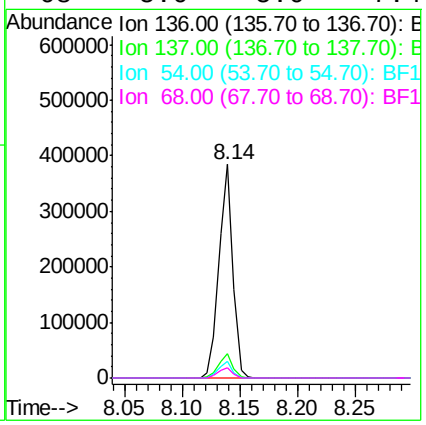


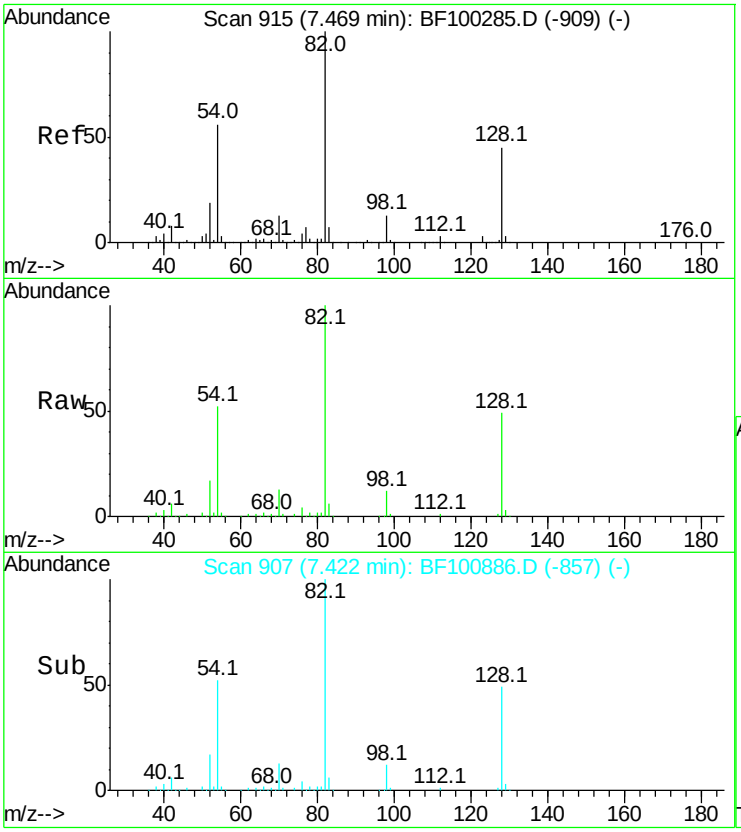


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF100886.D
Acq: 27 Nov 2017 12:38

Tgt Ion:136 Resp: 322078

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.5	6.6	9.8
68	5.0	5.0	7.4



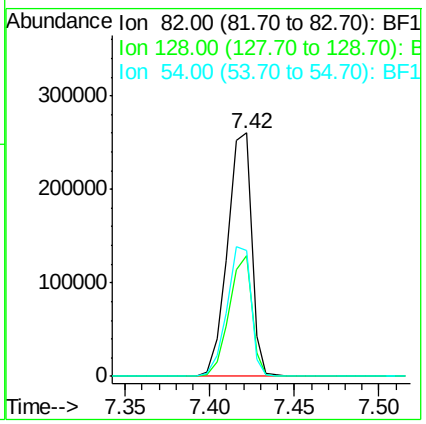


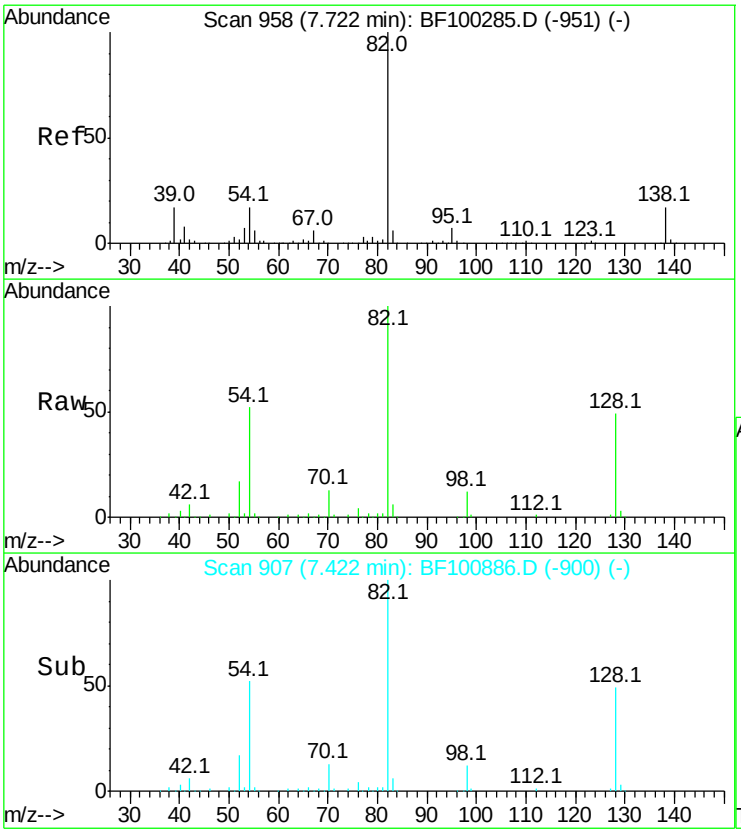
#23
Nitrobenzene-d5
Concen: 52.972 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF100886.D
Acq: 27 Nov 2017 12:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 258060

Ion	Ratio	Lower	Upper
82	100		
128	49.3	36.1	54.1
54	51.7	41.4	62.2

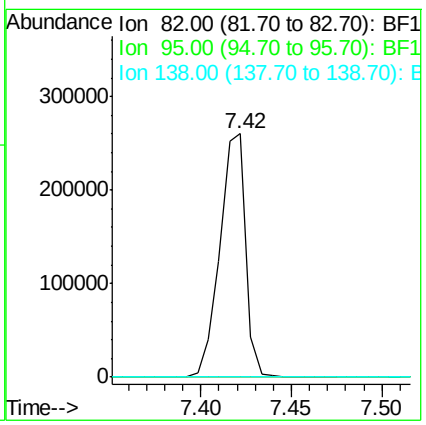


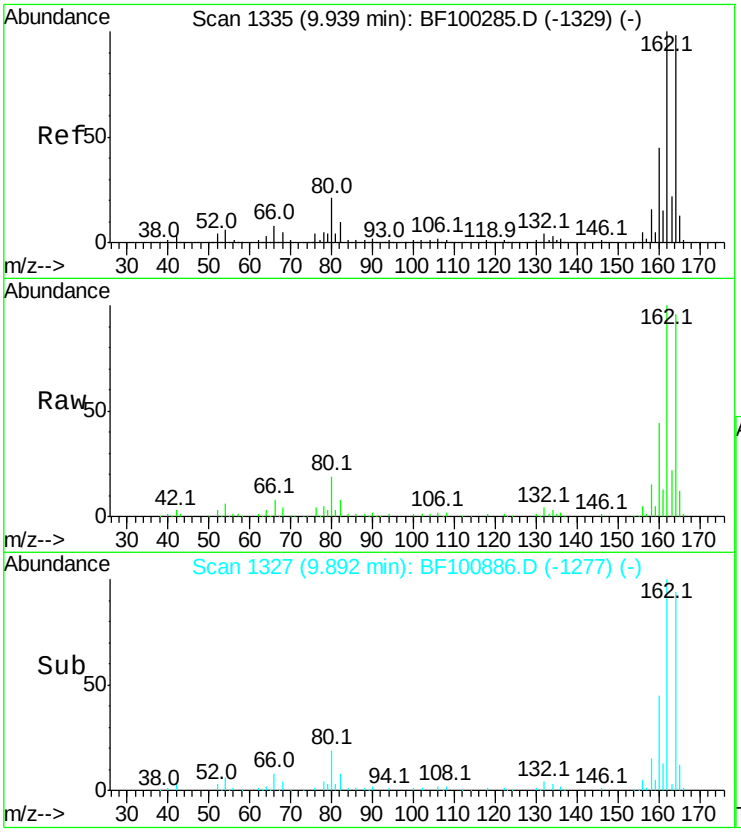


#25
Isophorone
Concen: 25.208 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.26 min
Lab File: BF100886.D
Acq: 27 Nov 2017 12:38

Tgt Ion: 82 Resp: 258057

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



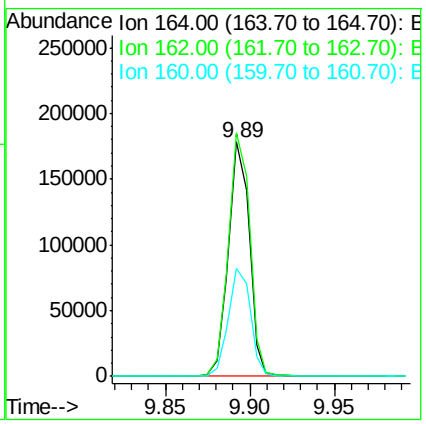


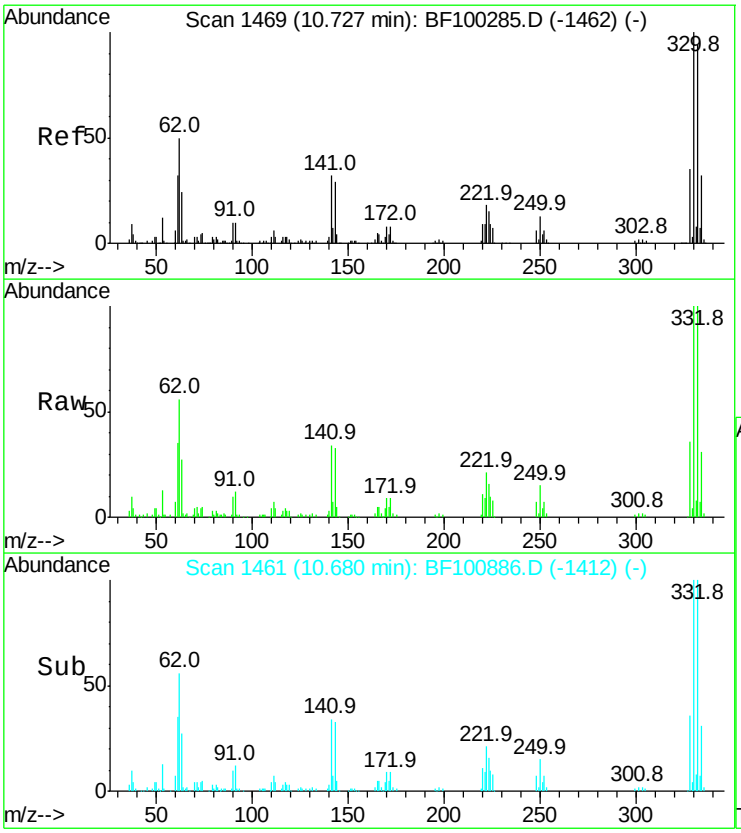
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF100886.D
Acq: 27 Nov 2017 12:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 153672

Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	46.2	38.3	57.5

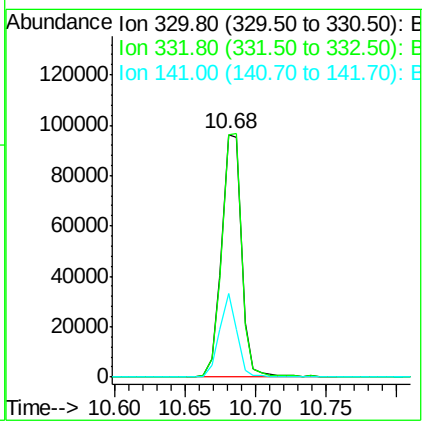


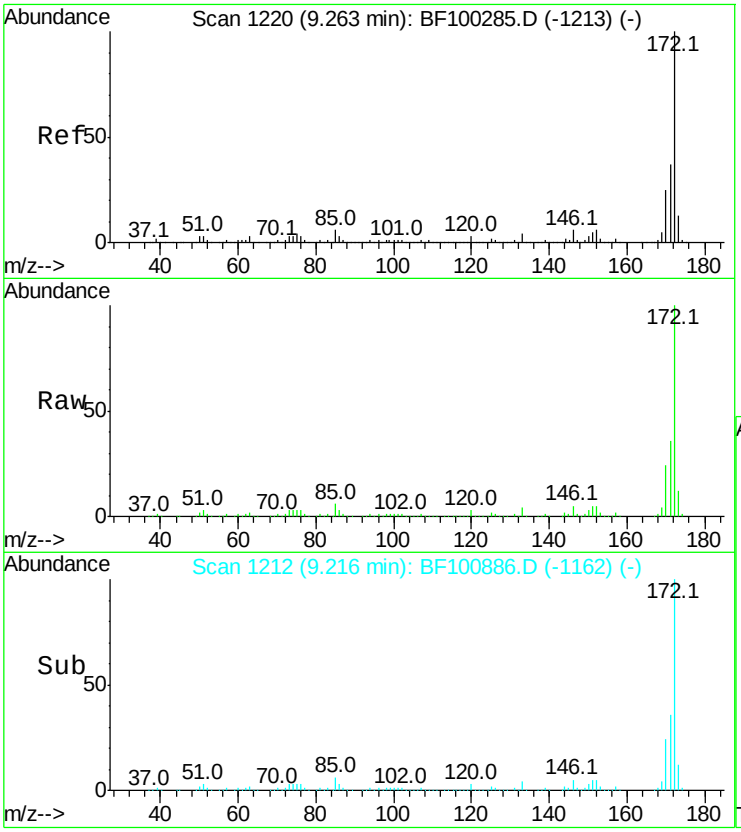


#41
2,4,6-Tribromophenol
Concen: 60.752 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF100886.D
Acq: 27 Nov 2017 12:38

Tgt Ion:330 Resp: 95133

Ion	Ratio	Lower	Upper
330	100		
332	99.7	77.0	115.6
141	29.8	29.9	44.9#



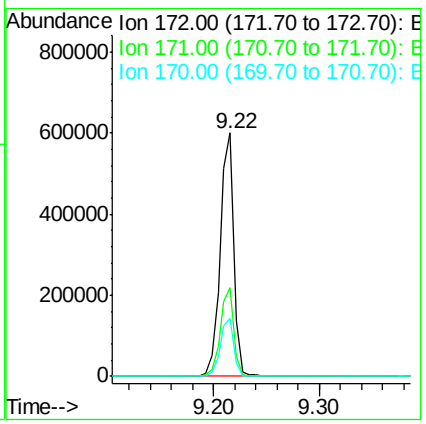


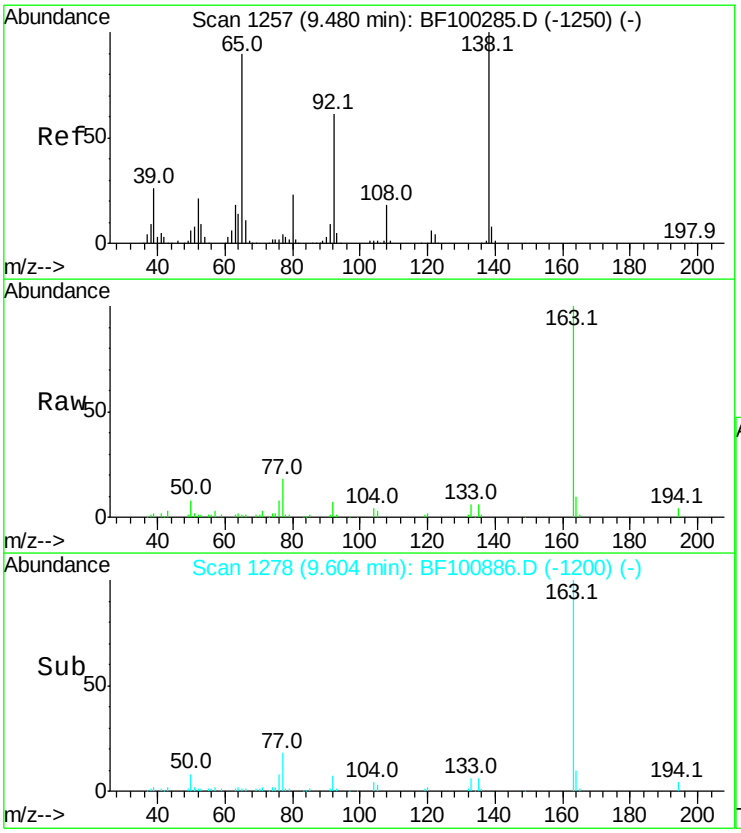
#44
2-Fluorobiphenyl
Concen: 54.136 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF100886.D
Acq: 27 Nov 2017 12:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 546338

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.9	19.6	29.4

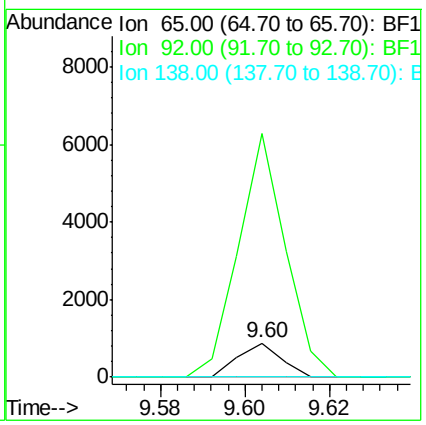


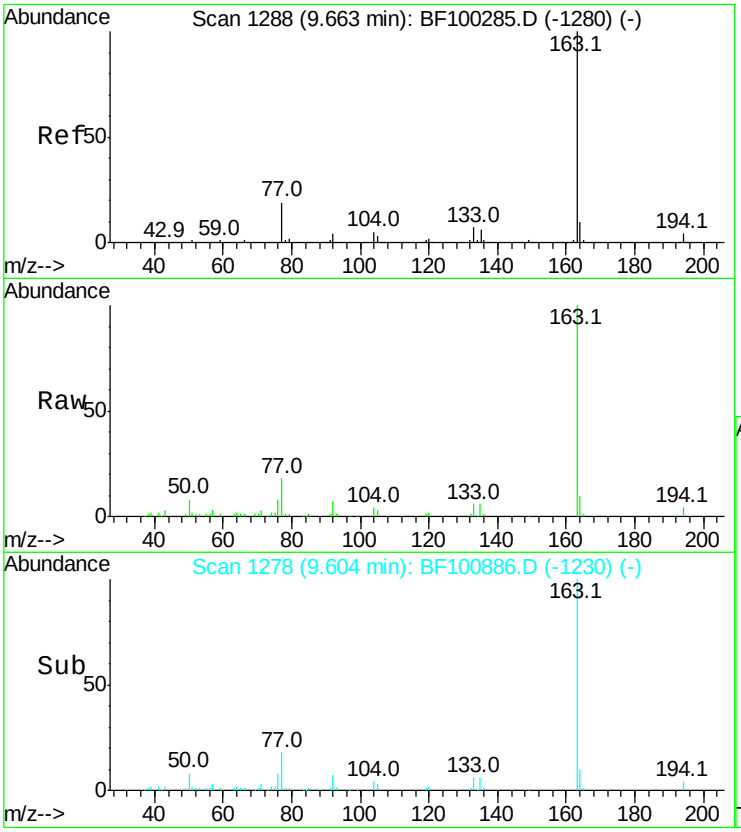


#47
2-Nitroaniline
Concen: 2.986 ng
RT: 9.60 min Scan# 1278
Delta R.T. 0.16 min
Lab File: BF100886.D
Acq: 27 Nov 2017 12:38

Tgt Ion: 65 Resp: 612

Ion	Ratio	Lower	Upper
65	100		
92	722.1	55.8	83.6#
138	0.0	91.2	136.8#



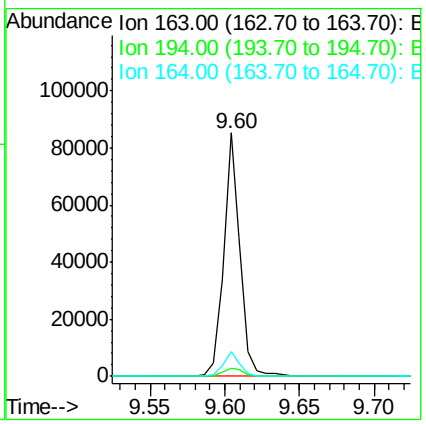


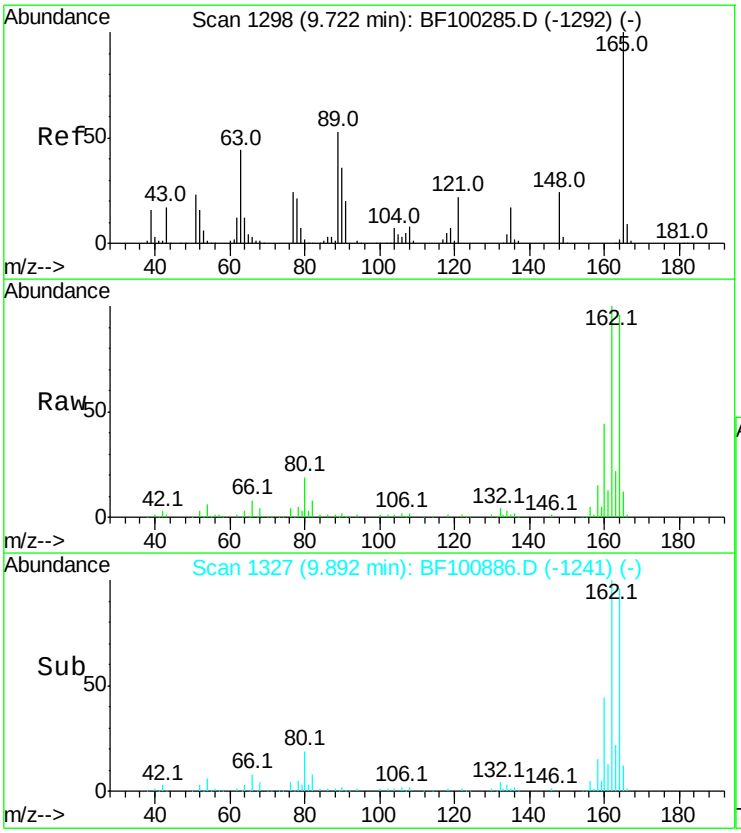
#49
Dimethylphthalate
Concen: 5.615 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF100886.D
Acq: 27 Nov 2017 12:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 65880

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.3	8.2	12.2

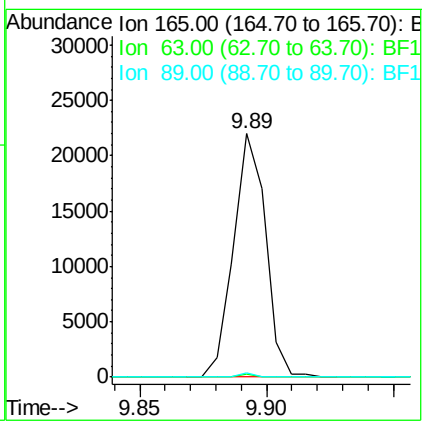


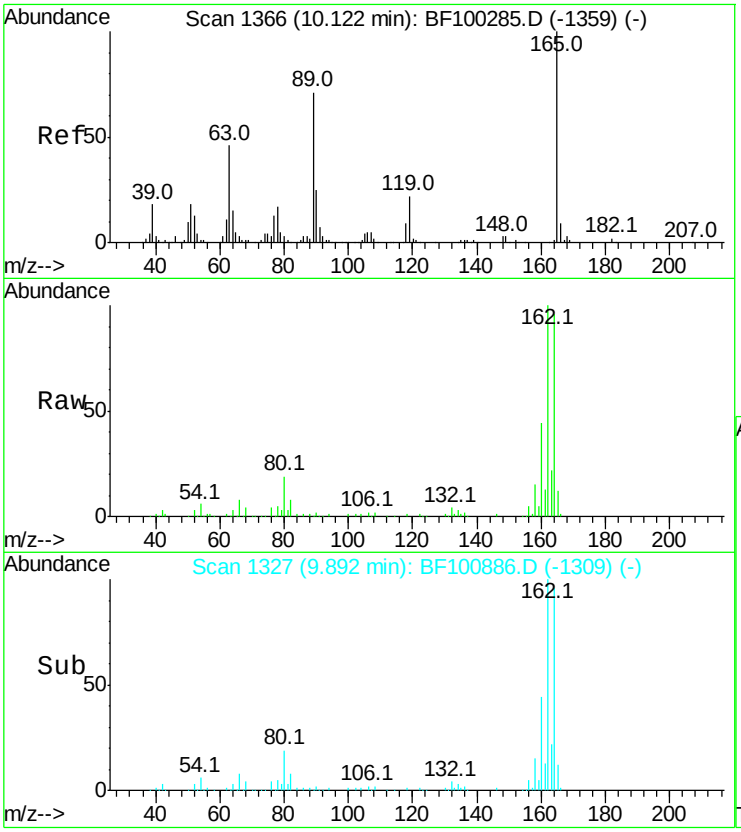


#50
2,6-Dinitrotoluene
Concen: 8.331 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF100886.D
Acq: 27 Nov 2017 12:38

Tgt Ion:165 Resp: 19348

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.6	44.0	66.0#



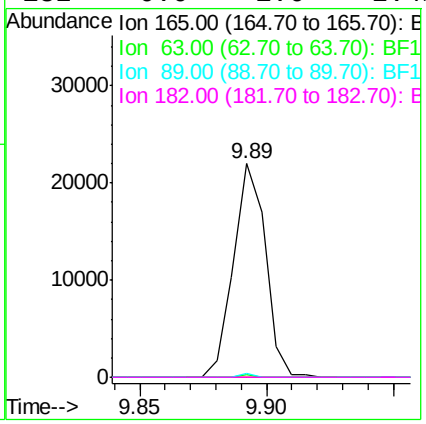


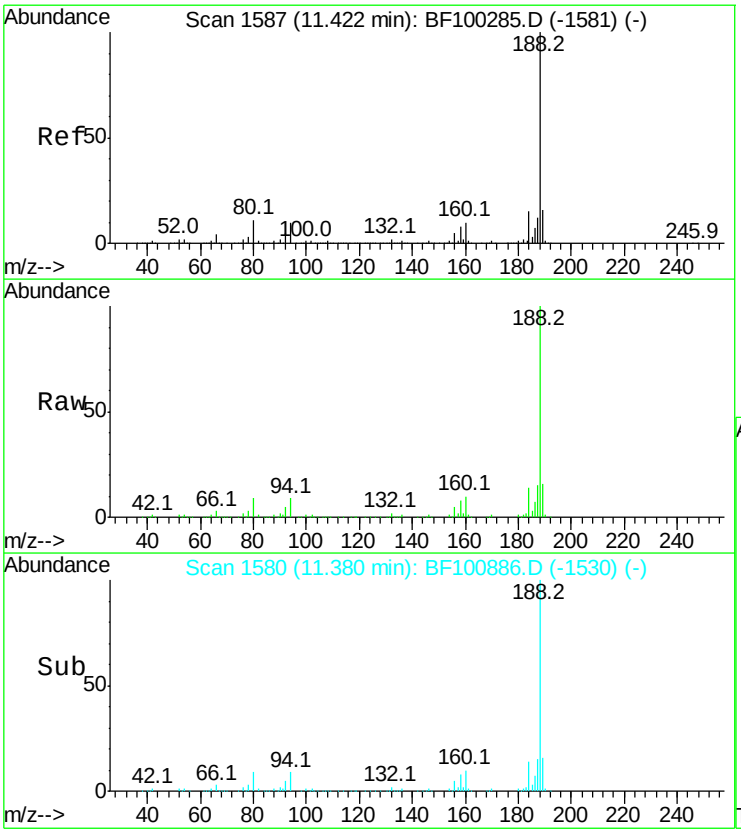
#56
2,4-Dinitrotoluene
Concen: 6.604 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.19 min
Lab File: BF100886.D
Acq: 27 Nov 2017 12:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 19348

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

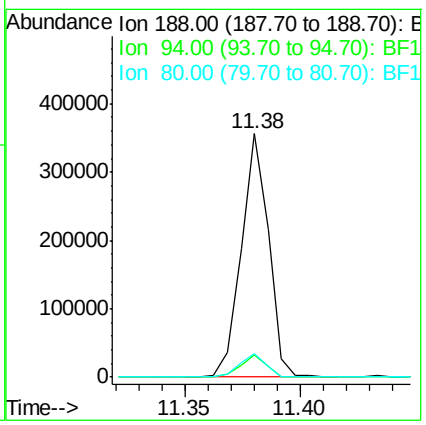


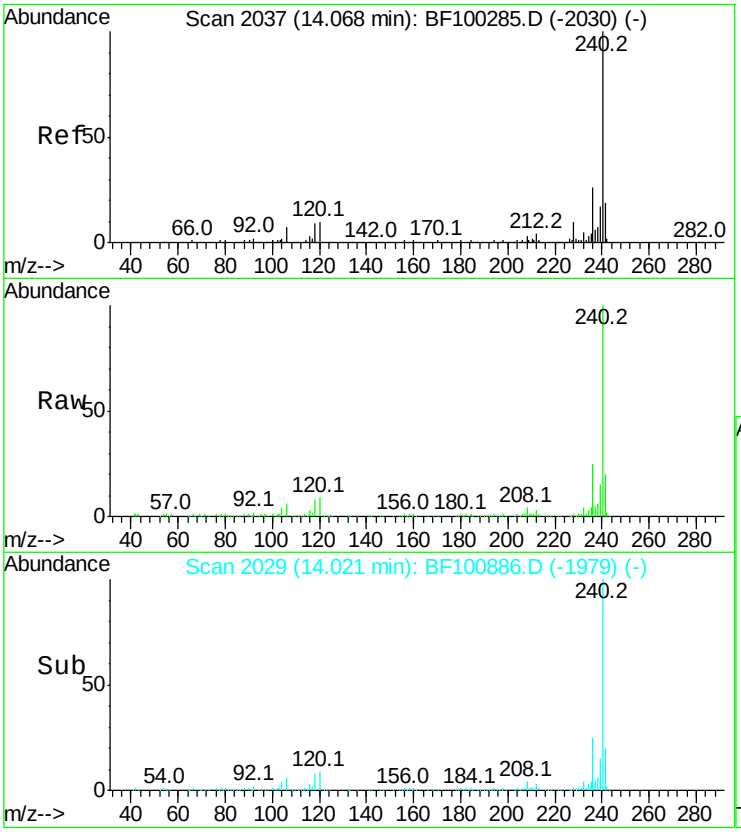


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF100886.D
Acq: 27 Nov 2017 12:38

Tgt Ion:188 Resp: 294091

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	9.5	9.2	13.8



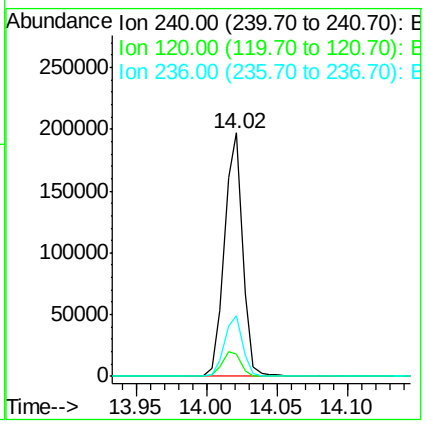


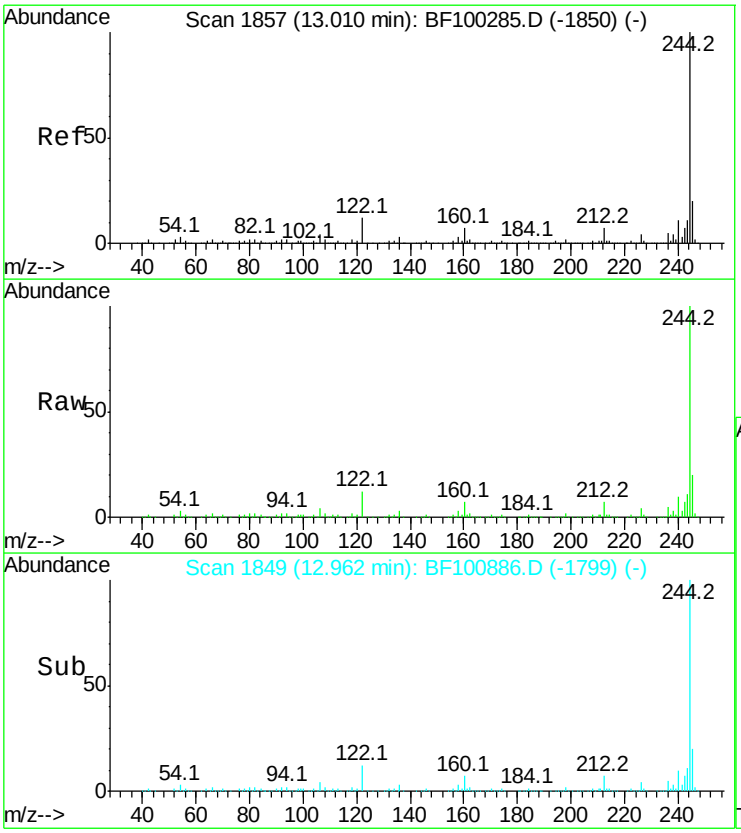
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100886.D
Acq: 27 Nov 2017 12:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 176795

Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.5	14.3#
236	25.1	20.7	31.1

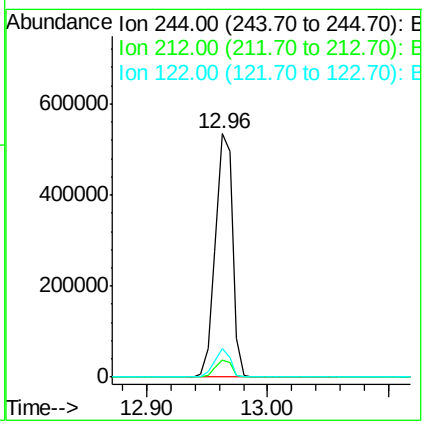


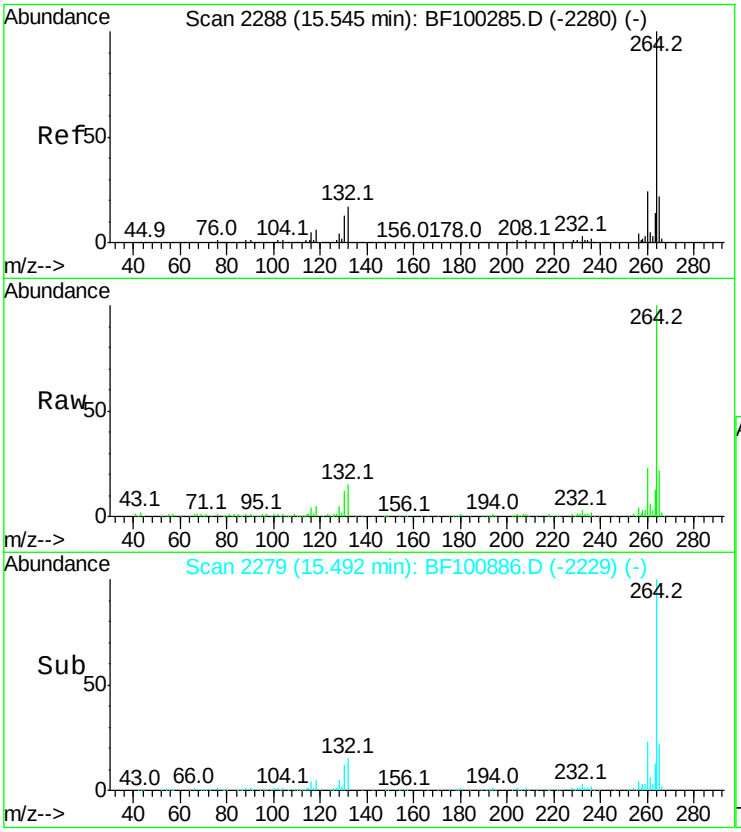


#78
Terphenyl-d14
Concen: 67.729 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF100886.D
Acq: 27 Nov 2017 12:38

Tgt Ion:244 Resp: 521135

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.8	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF100886.D
Acq: 27 Nov 2017 12:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 171373

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.7	17.5	26.3