Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
Data File : BF100888.D
Acq On : 27 Nov 2017 13:32
Operator : SJ/JU
Sample : I6538-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 27 21:55:56 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	64136	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	252514	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	119823	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	229865	20.00	ng		0.00
75) Chrysene-d12	14.02	240	131326	20.00	ng		-0.01
86) Perylene-d12	15.49	264	139307	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	293957	73.47	ng		0.00
7) Phenol-d6	6.49	99	359870	72.94	ng		0.00
23) Nitrobenzene-d5	7.42	82	222451	58.24	ng		-0.01
41) 2,4,6-Tribromophenol	10.68	330	101259	82.93	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	505507	64.24	ng		-0.01
78) Terphenyl-d14	12.96	244	420469	73.57	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	29136	8.515	ng	#	83
25) Isophorone	7.42	82	222449	27.715	ng	#	64
47) 2-Nitroaniline	9.60	65	191	2.865	ng	#	1
49) Dimethylphthalate	9.60	163	27164	2.969	ng		98
50) 2,6-Dinitrotoluene	9.89	165	15371	8.488	ng	#	24
56) 2,4-Dinitrotoluene	9.89	165	15371	6.728	ng	#	21
66) 4-Bromophenyl-phenylether	10.68	248	6334	2.570	ng	#	1

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

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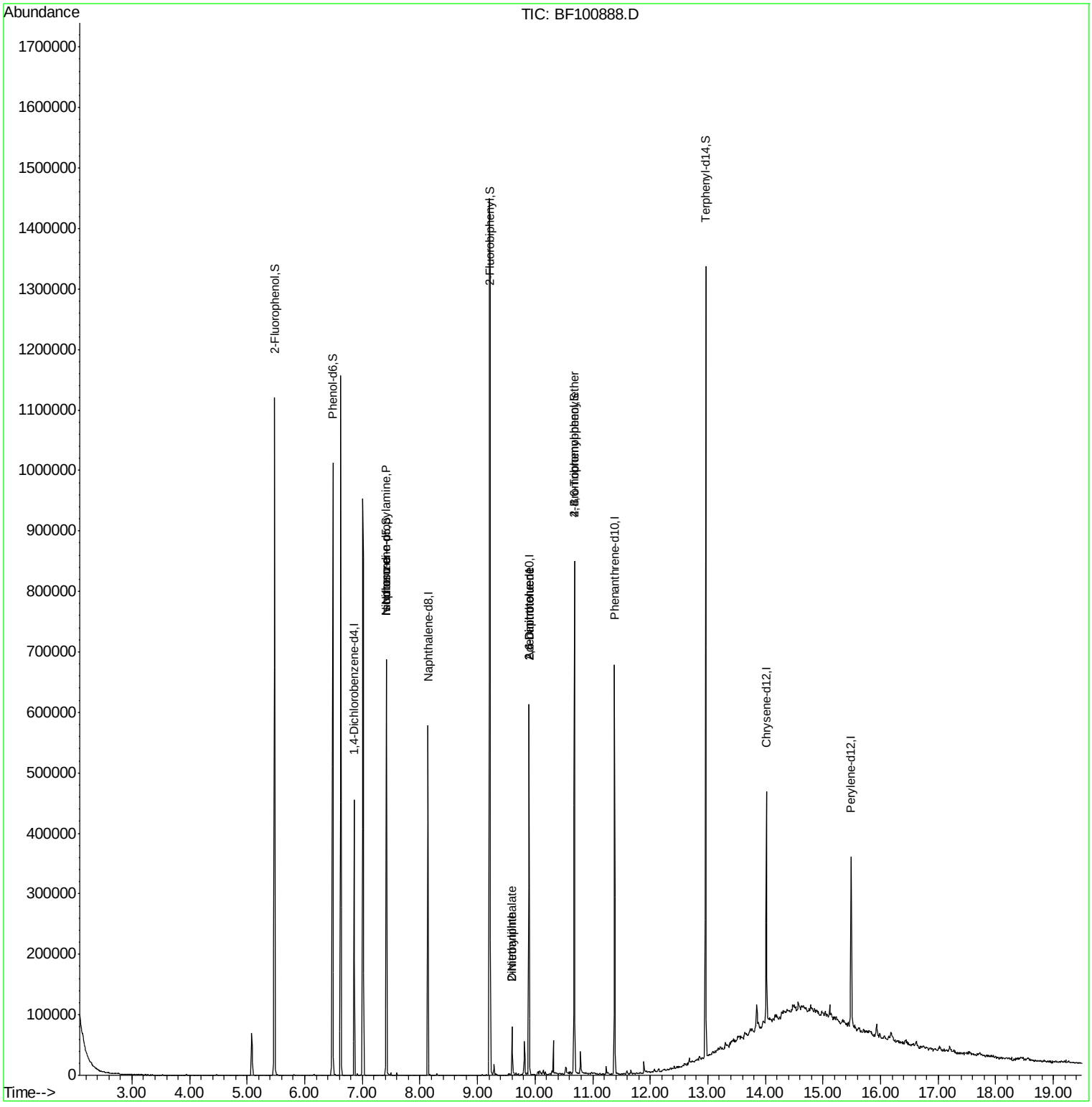
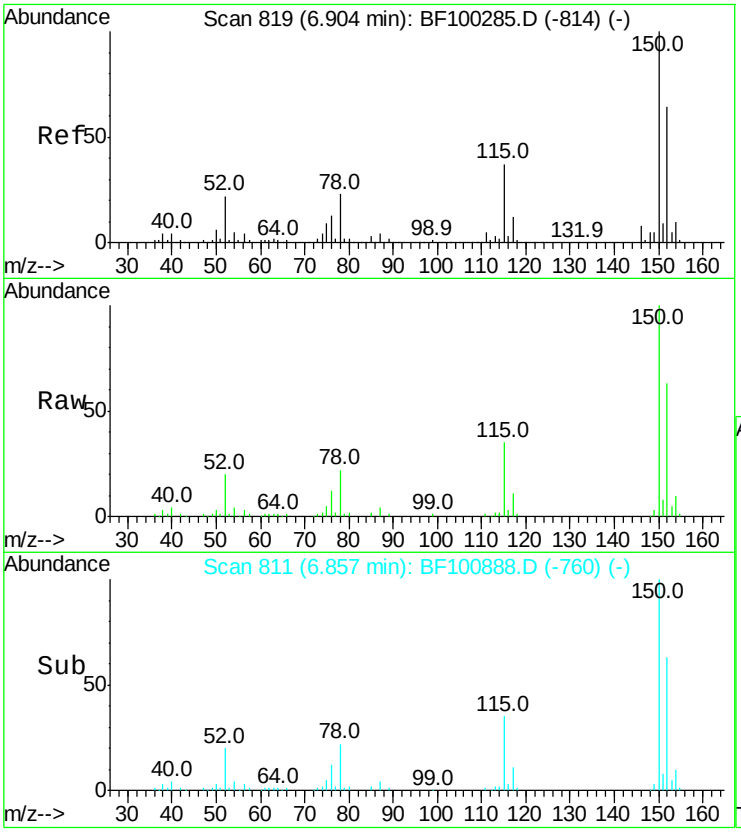


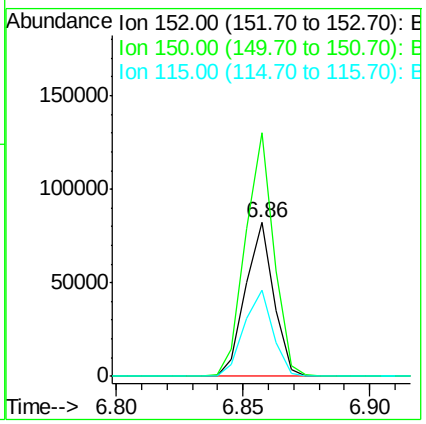


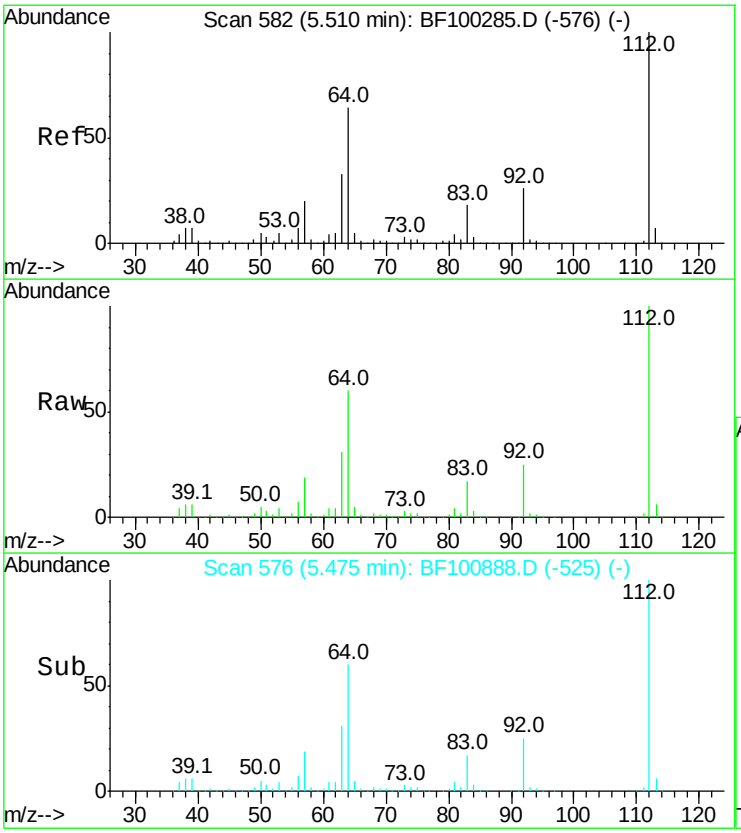
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF100888.D
Acq: 27 Nov 2017 13:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 64136

Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.6	186.8
115	55.6	50.1	75.1

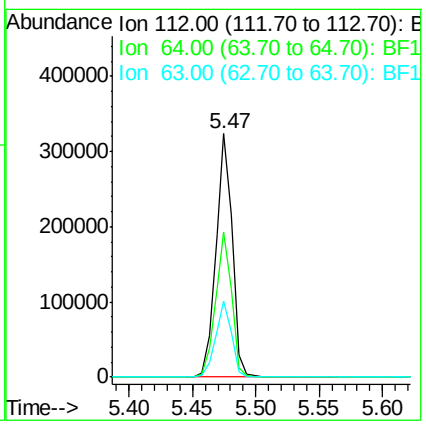


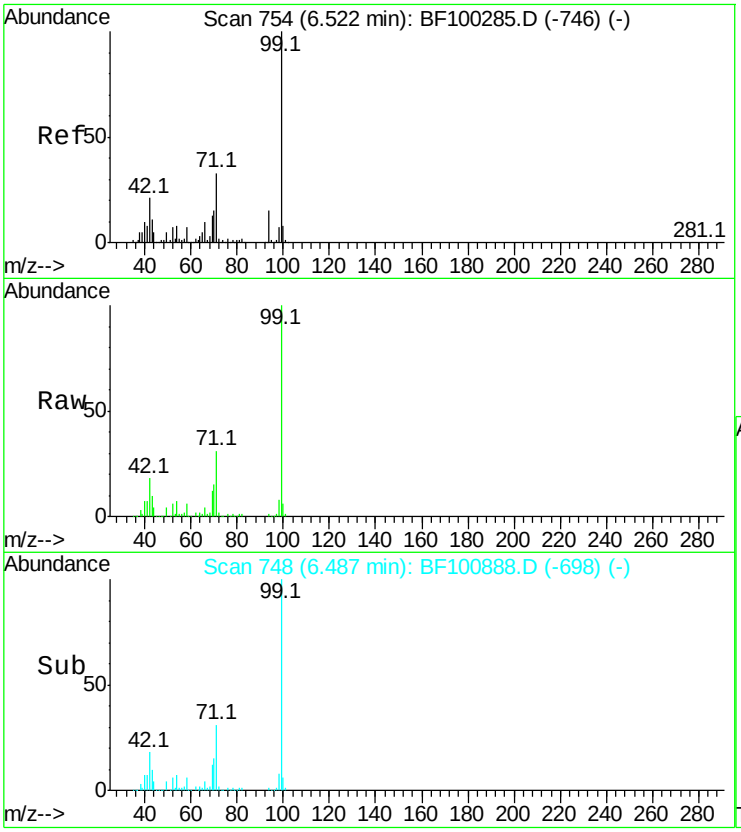


#5
2-Fluorophenol
Concen: 73.470 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF100888.D
Acq: 27 Nov 2017 13:32

Tgt Ion:112 Resp: 293957

Ion	Ratio	Lower	Upper
112	100		
64	59.5	47.9	71.9
63	31.1	23.7	35.5



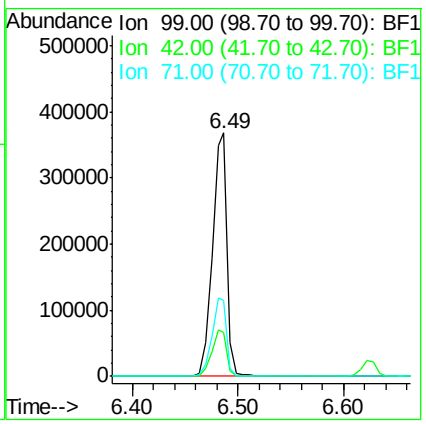


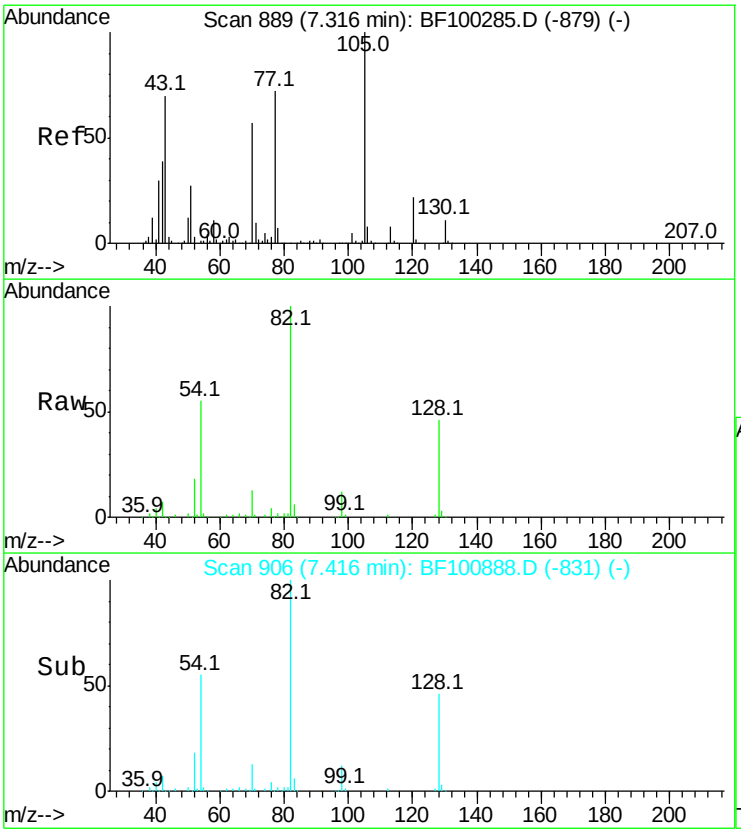
#7
Phenol-d6
Concen: 72.940 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF100888.D
Acq: 27 Nov 2017 13:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 359870

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.5	21.7
71	31.4	25.4	38.0

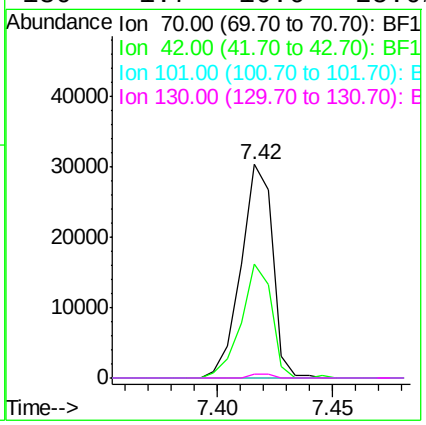


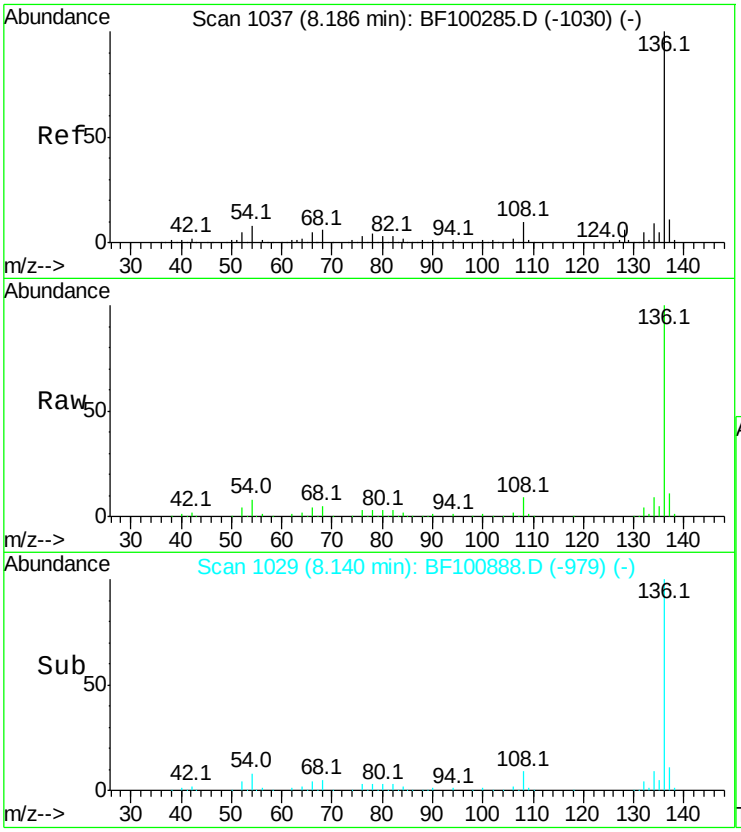


#19
n-Nitroso-di-n-propylamine
Concen: 8.515 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.14 min
Lab File: BF100888.D
Acq: 27 Nov 2017 13:32

Tgt Ion: 70 Resp: 29136

Ion	Ratio	Lower	Upper
70	100		
42	53.4	47.5	71.3
101	0.0	7.4	11.2#
130	1.7	16.6	25.0#



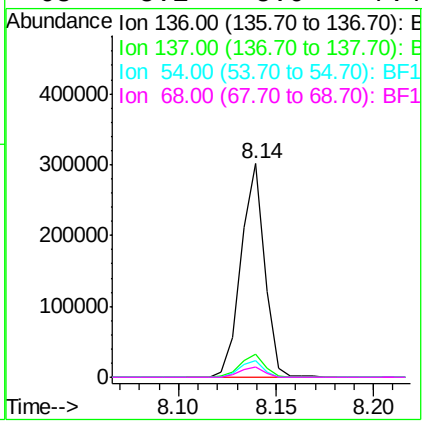


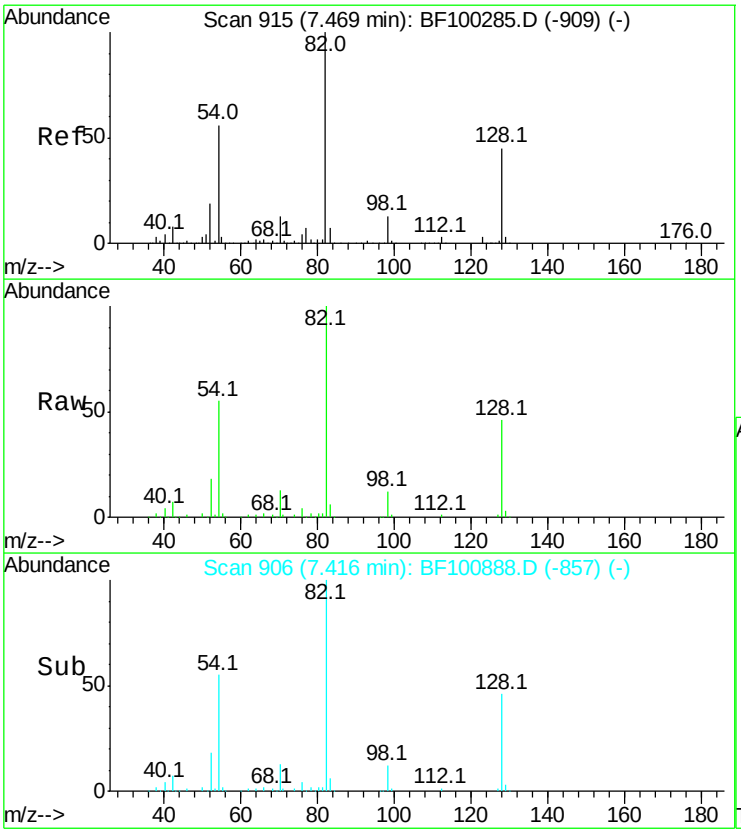
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF100888.D
Acq: 27 Nov 2017 13:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 252514

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.6	6.6	9.8
68	5.1	5.0	7.4

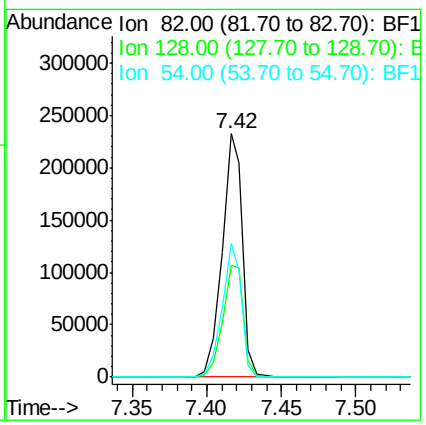


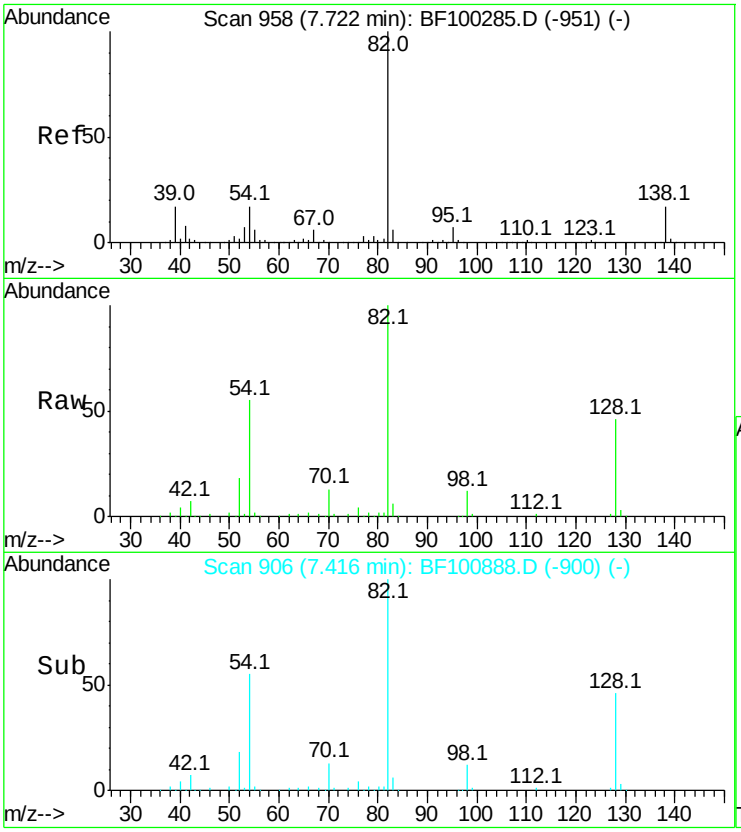


#23
Nitrobenzene-d5
Concen: 58.242 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF100888.D
Acq: 27 Nov 2017 13:32

Tgt Ion: 82 Resp: 222451

Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.1	54.1
54	55.0	41.4	62.2



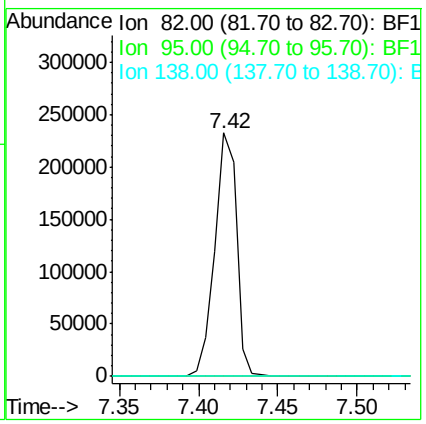


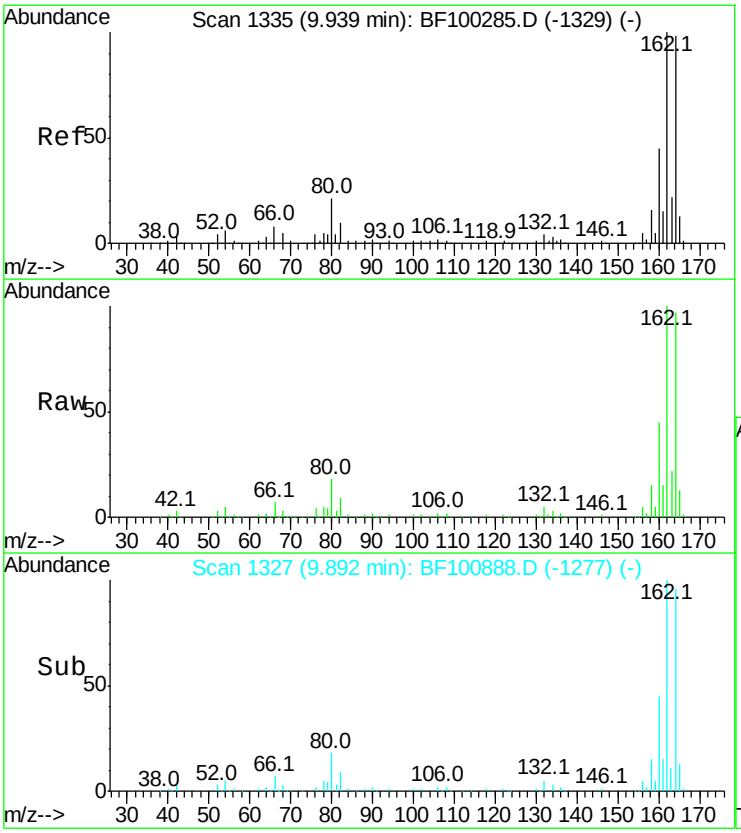
#25
Isophorone
Concen: 27.715 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF100888.D
Acq: 27 Nov 2017 13:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 222449

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

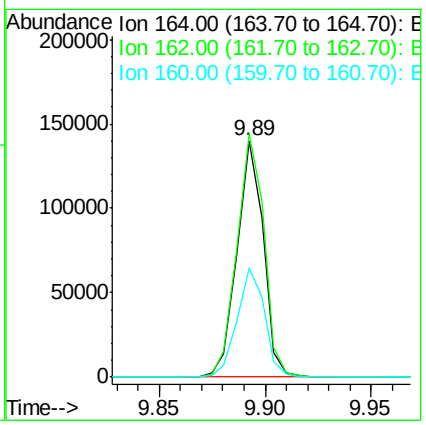


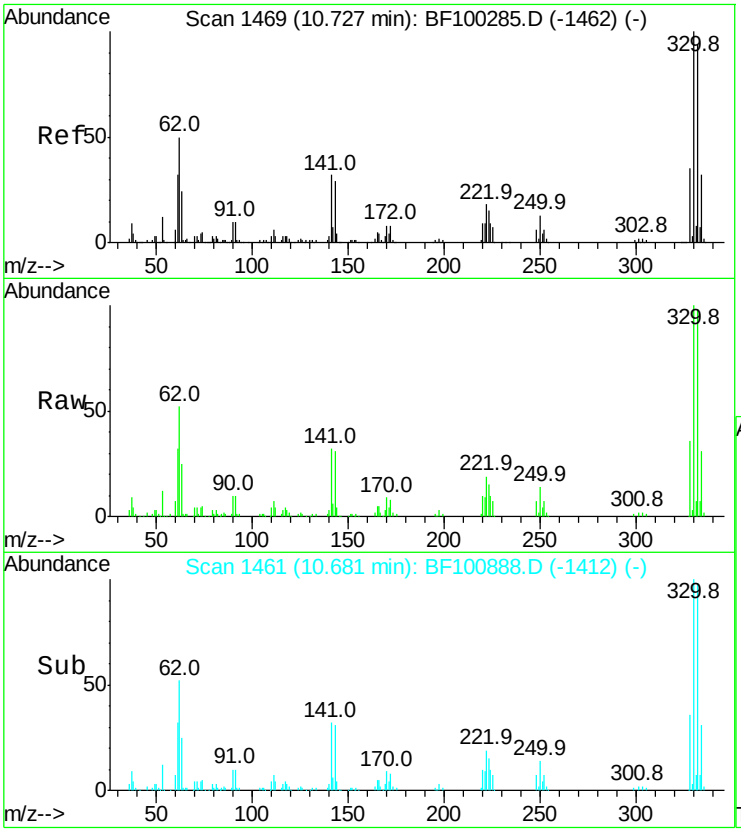


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF100888.D
Acq: 27 Nov 2017 13:32

Tgt Ion:164 Resp: 119823

Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	46.0	38.3	57.5



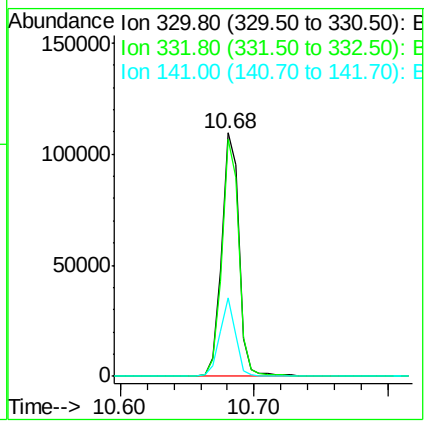


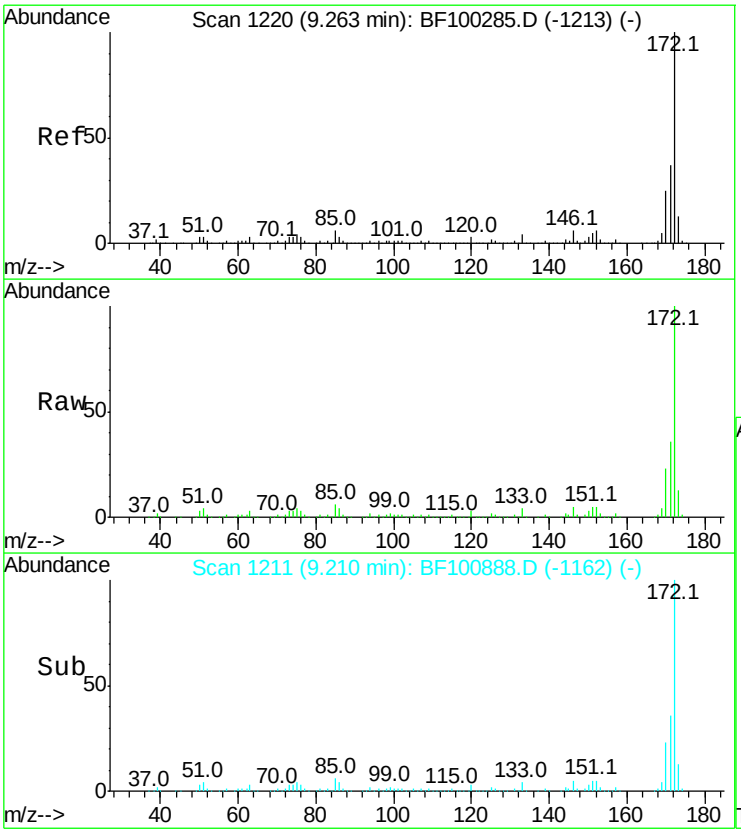
#41
2,4,6-Tribromophenol
Concen: 82.931 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF100888.D
Acq: 27 Nov 2017 13:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 101259

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	28.7	29.9	44.9#

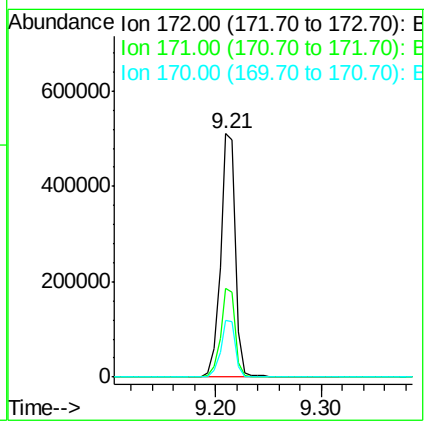


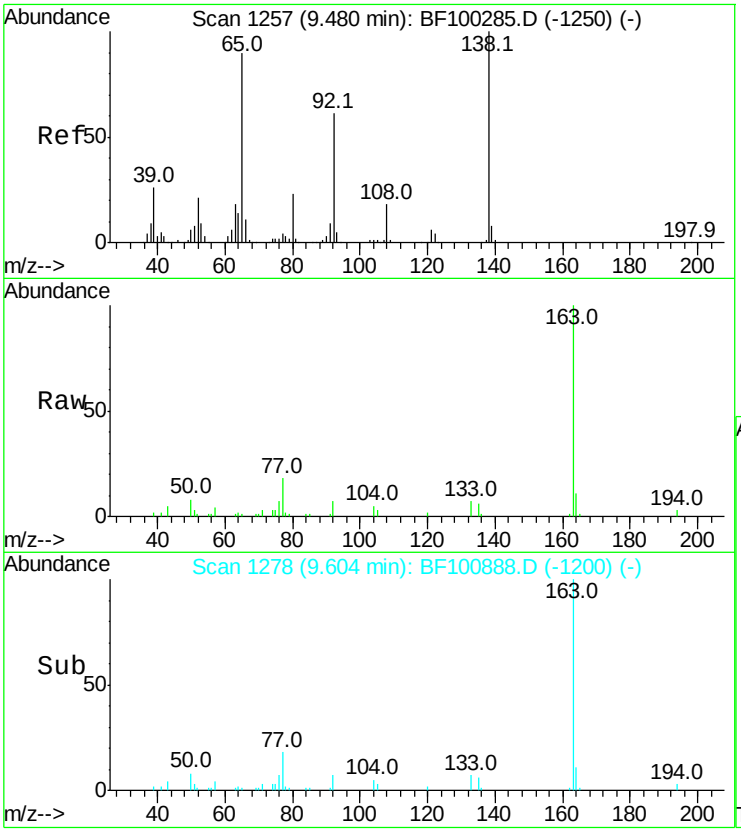


#44
2-Fluorobiphenyl
Concen: 64.240 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF100888.D
Acq: 27 Nov 2017 13:32

Tgt Ion:172 Resp: 505507

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.4	19.6	29.4



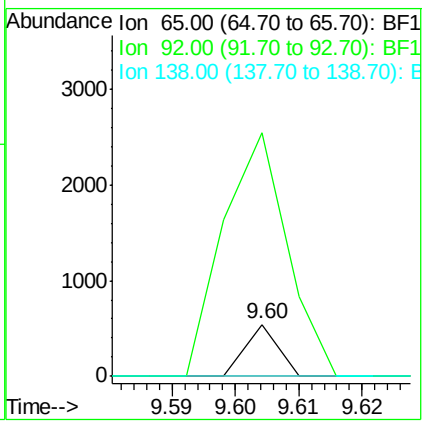


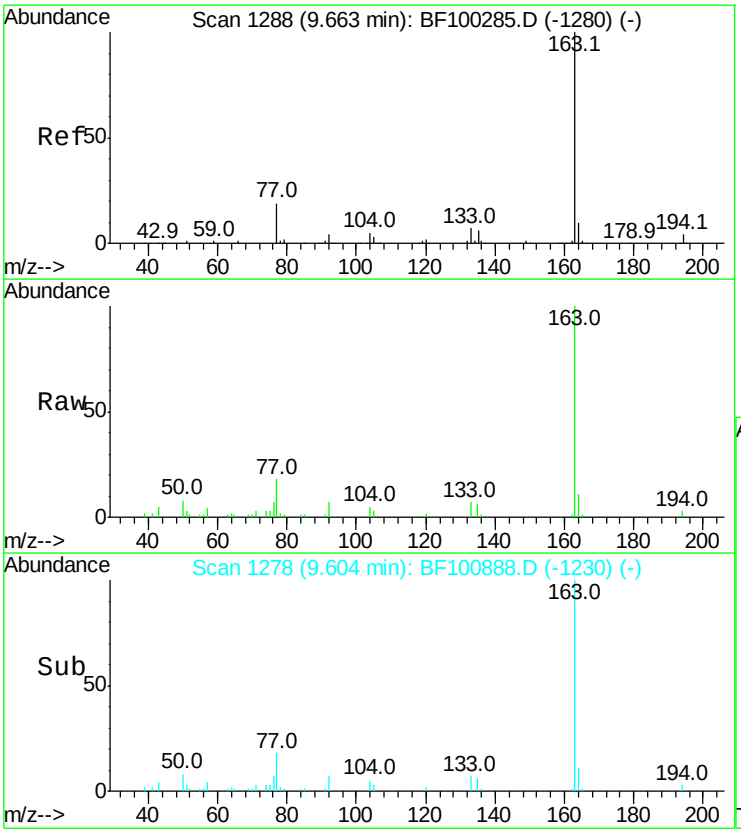
#47
2-Nitroaniline
Concen: 2.865 ng
RT: 9.60 min Scan# 1278
Delta R.T. 0.16 min
Lab File: BF100888.D
Acq: 27 Nov 2017 13:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 191

Ion	Ratio	Lower	Upper
65	100		
92	470.2	55.8	83.6#
138	0.0	91.2	136.8#

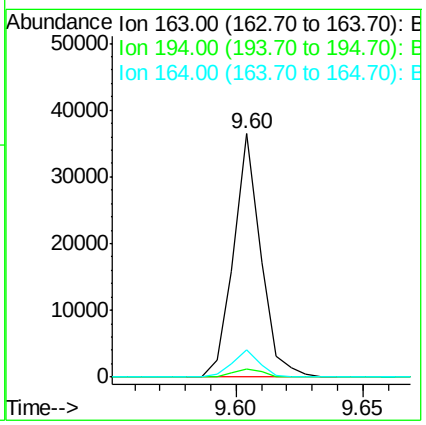


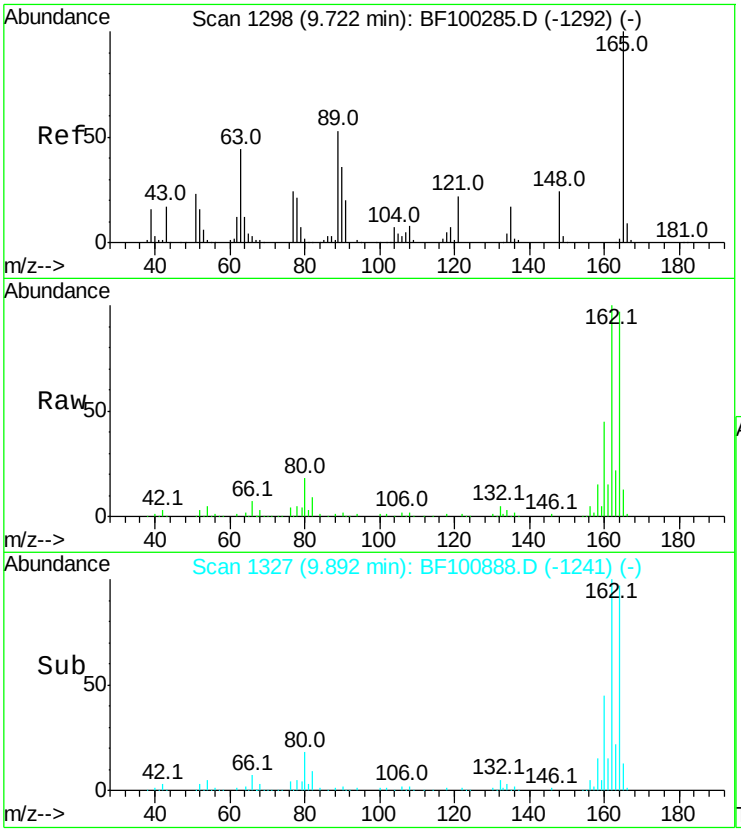


#49
Dimethylphthalate
Concen: 2.969 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF100888.D
Acq: 27 Nov 2017 13:32

Tgt Ion:163 Resp: 27164

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	11.1	8.2	12.2



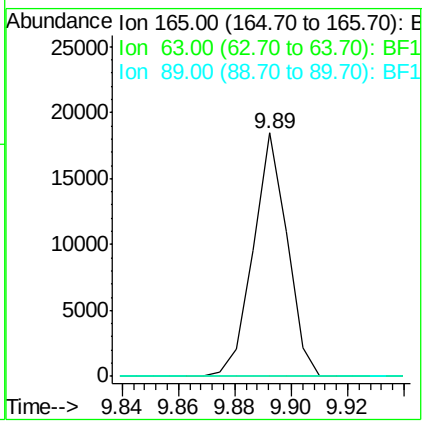


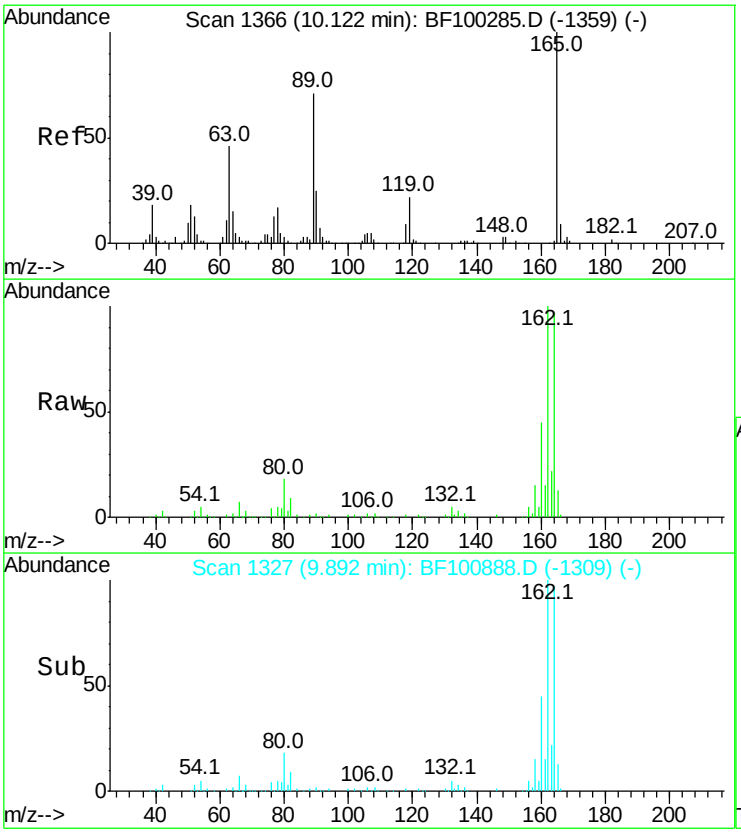
#50
2,6-Dinitrotoluene
Concen: 8.488 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF100888.D
Acq: 27 Nov 2017 13:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 15371

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

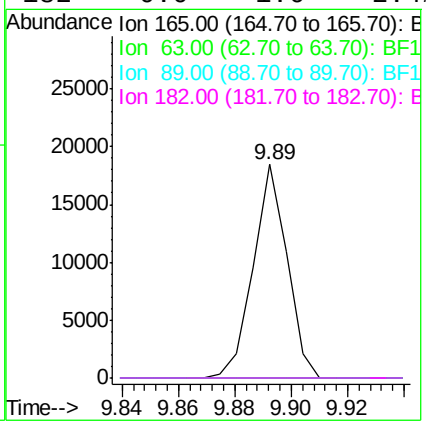


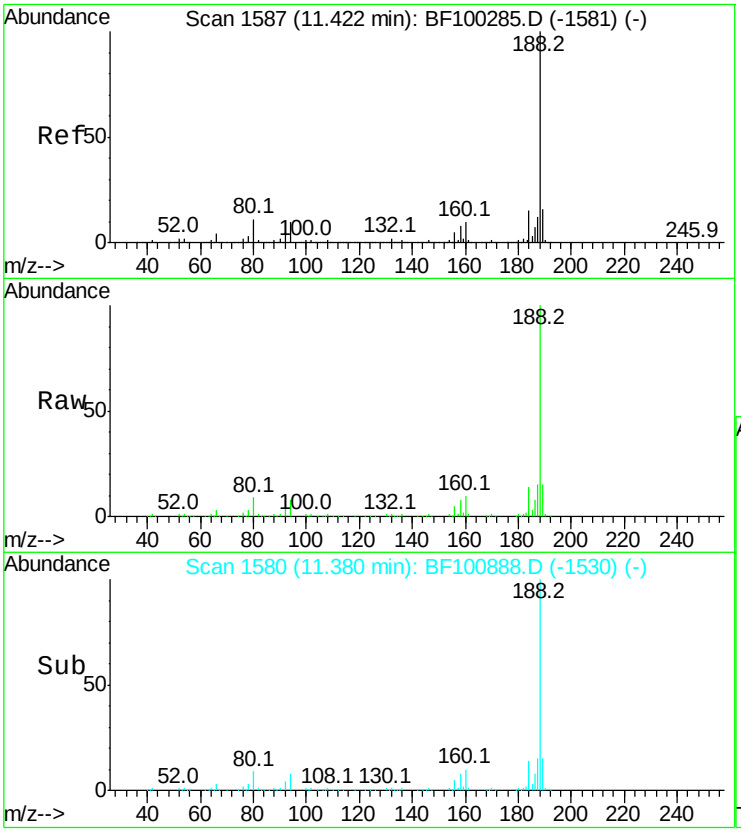


#56
2,4-Dinitrotoluene
Concen: 6.728 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.19 min
Lab File: BF100888.D
Acq: 27 Nov 2017 13:32

Tgt Ion:165 Resp: 15371

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#



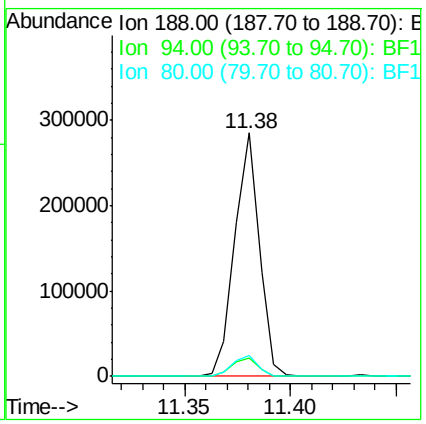


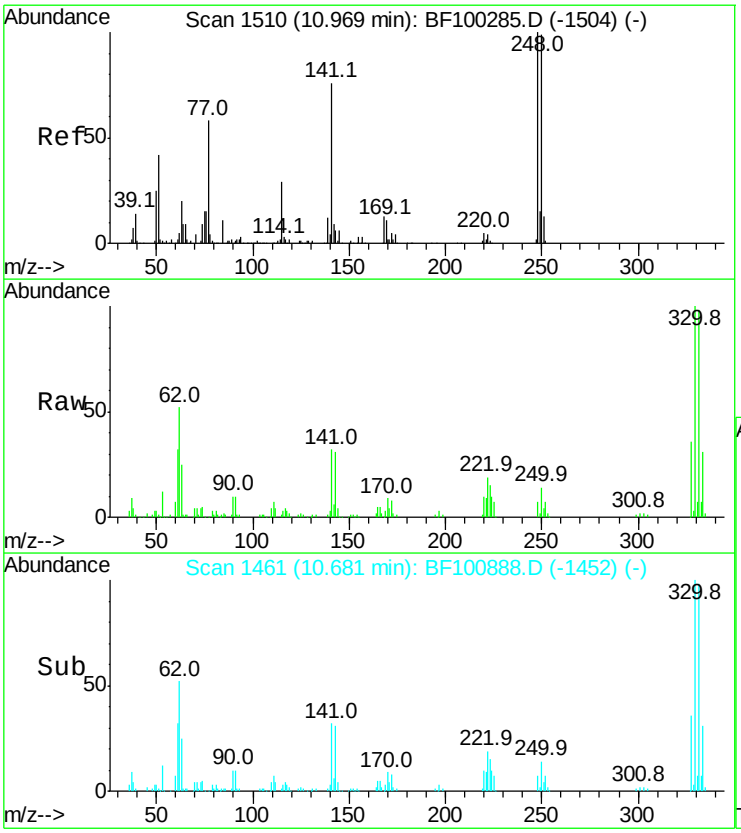
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF100888.D
Acq: 27 Nov 2017 13:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 229865

Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.5	12.7#
80	8.6	9.2	13.8#

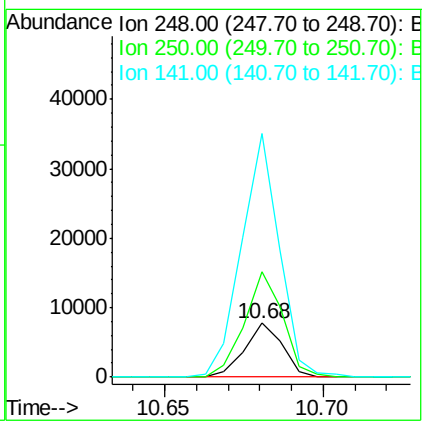


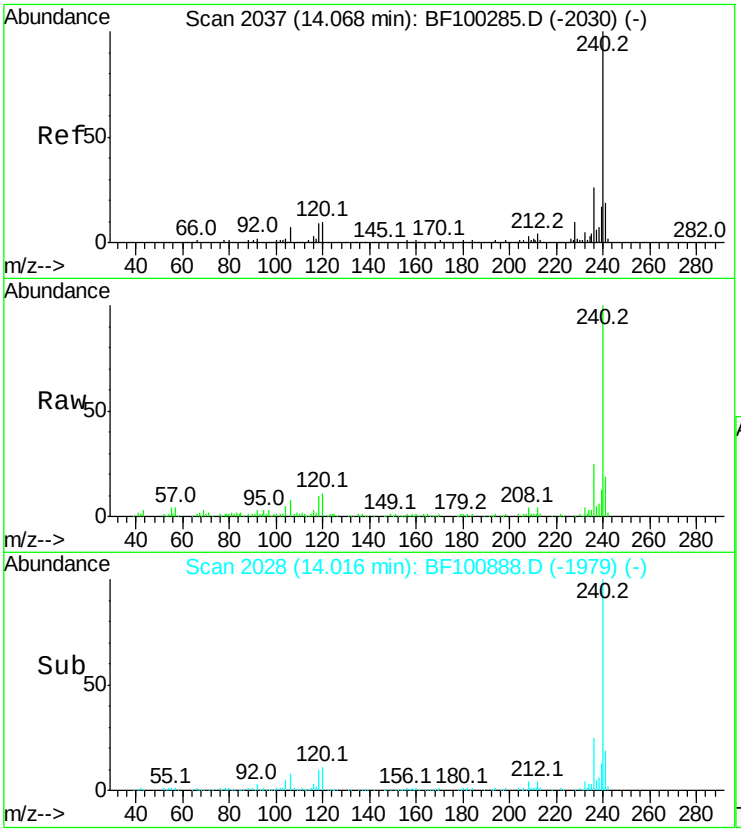


#66
4-Bromophenyl-phenylether
Concen: 2.570 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.25 min
Lab File: BF100888.D
Acq: 27 Nov 2017 13:32

Tgt Ion:248 Resp: 6334

Ion	Ratio	Lower	Upper
248	100		
250	196.0	76.9	115.3#
141	452.2	74.4	111.6#



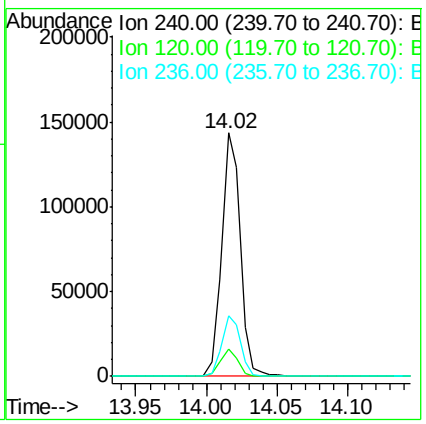


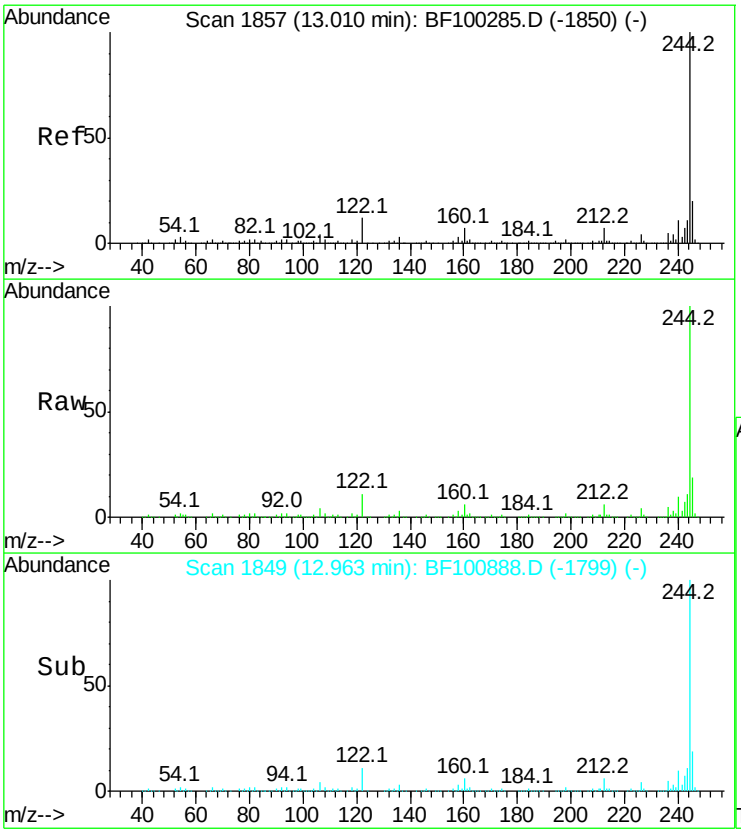
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF100888.D
Acq: 27 Nov 2017 13:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 131326

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.5	14.3
236	24.9	20.7	31.1

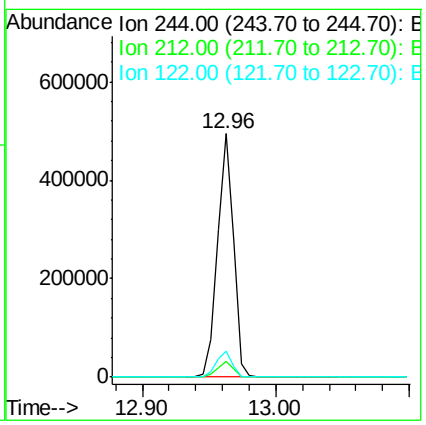


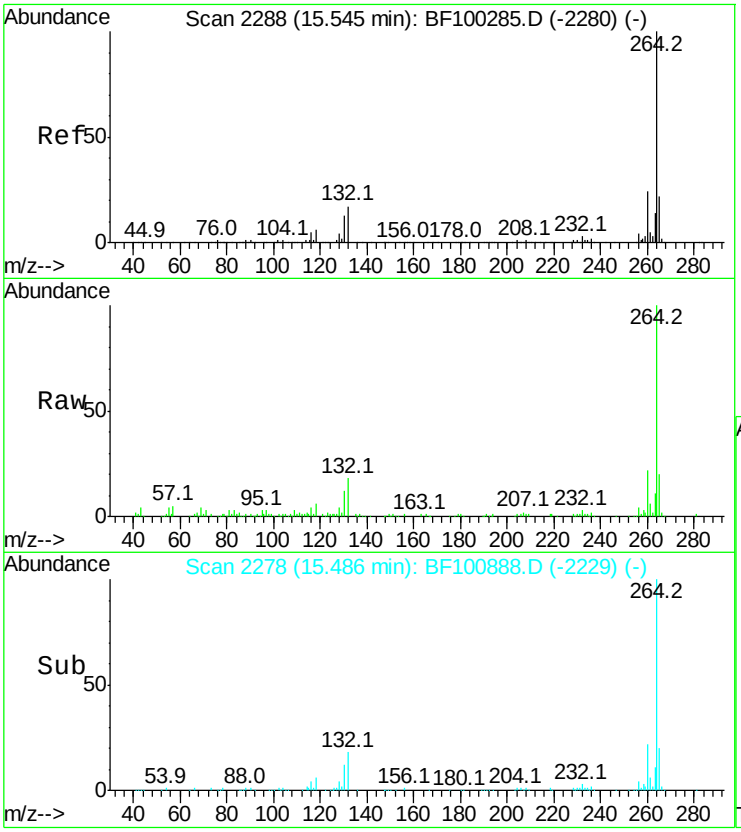


#78
Terphenyl-d14
Concen: 73.566 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF100888.D
Acq: 27 Nov 2017 13:32

Tgt Ion:244 Resp: 420469

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	10.7	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: BF100888.D
Acq: 27 Nov 2017 13:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 139307

Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.2	28.8
265	19.9	17.5	26.3