Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111117\

Quantitation Report (Not Reviewed)

Data File : BF100449.D
Acq On : 11 Nov 2017 19:04
Operator : SJ/JU
Sample : I6389-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3N-14

Quant Time: Nov 13 01:11:33 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	146822	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	524799	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	193060	20.00	ng		0.00
63) Phenanthrene-d10	11.43	188	322010	20.00	ng		0.00
75) Chrysene-d12	14.06	240	322330	20.00	ng		0.00
86) Perylene-d12	15.55	264	232351	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	633674	69.18	ng		0.00
7) Phenol-d6	6.52	99	743544	65.83	ng		0.00
23) Nitrobenzene-d5	7.46	82	431789	54.40	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	123138	62.59	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	676993	53.40	ng		0.00
78) Terphenyl-d14	13.01	244	489639	34.90	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.53	94	25149	2.12	ng		94
19) n-Nitroso-di-n-propylamine	7.46	70	57111	7.29	ng	#	81
25) Isophorone	7.46	82	428973	25.72	ng	#	64
47) 2-Nitroaniline	9.65	65	150	2.82	ng	#	1
49) Dimethylphthalate	9.65	163	39281	2.66	ng		98
50) 2,6-Dinitrotoluene	9.94	165	24743	8.48	ng	#	26
56) 2,4-Dinitrotoluene	9.94	165	24743	6.72	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.73	198	144	8.64	ng	#	1
66) 4-Bromophenyl-phenylether	10.73	248	7784	2.25	ng	#	1

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

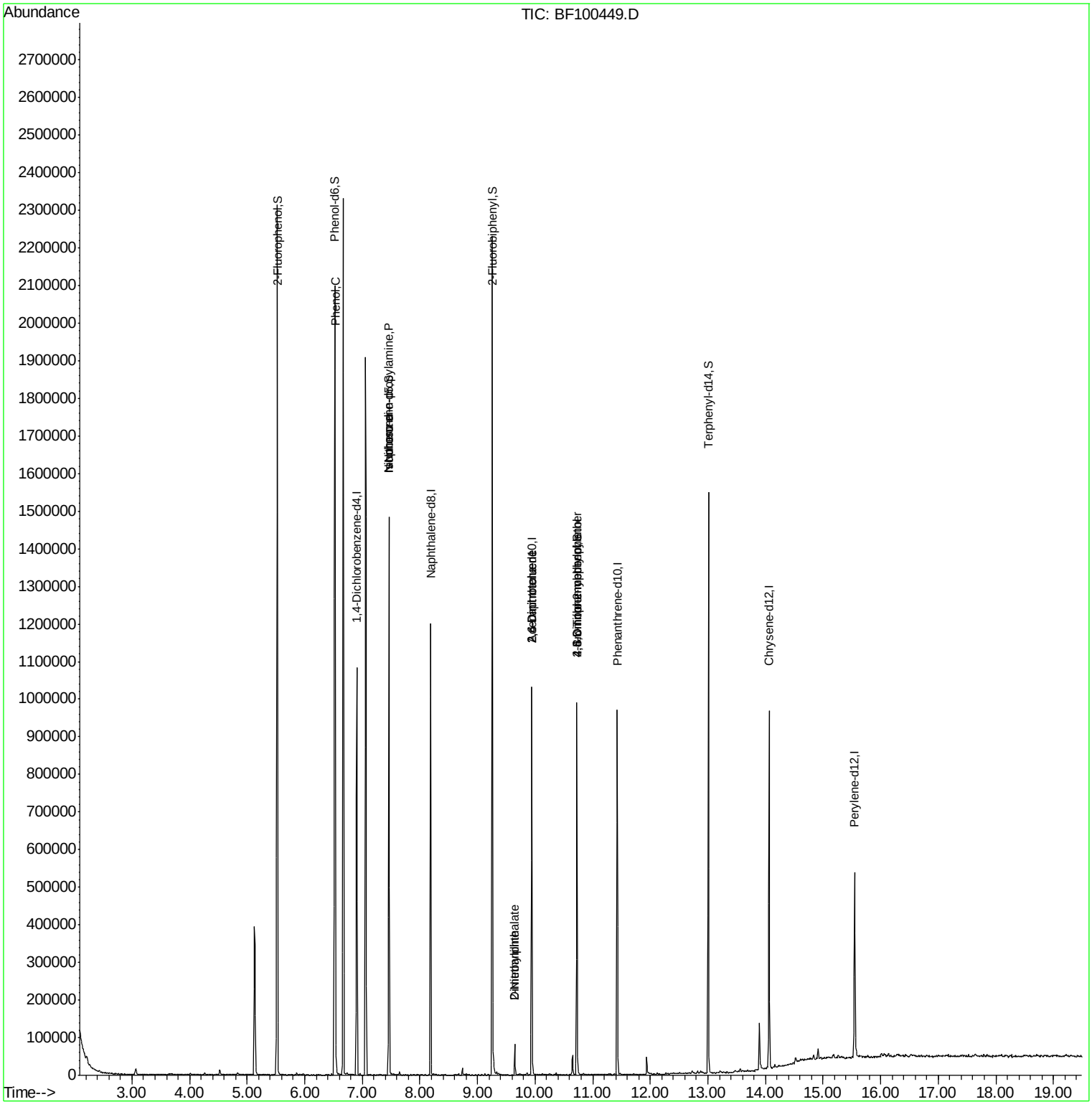
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111117\

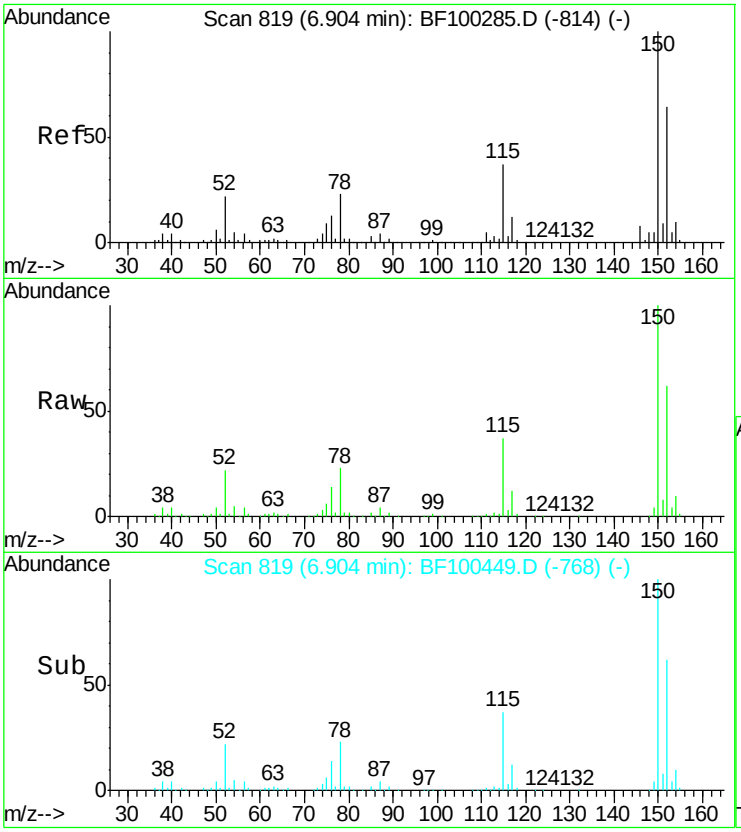
Quantitation Report (Not Reviewed)

Data File : BF100449.D
Acq On : 11 Nov 2017 19:04
Operator : SJ/JU
Sample : I6389-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
3N-14

Quant Time: Nov 13 01:11:33 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
Response via : Initial Calibration



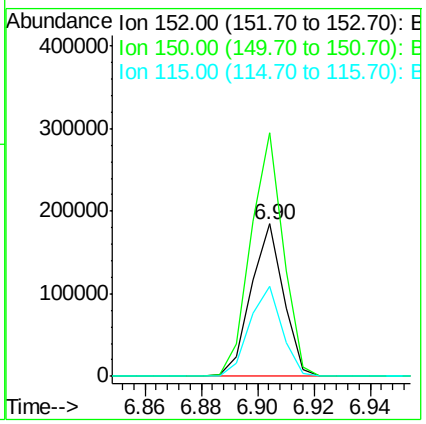


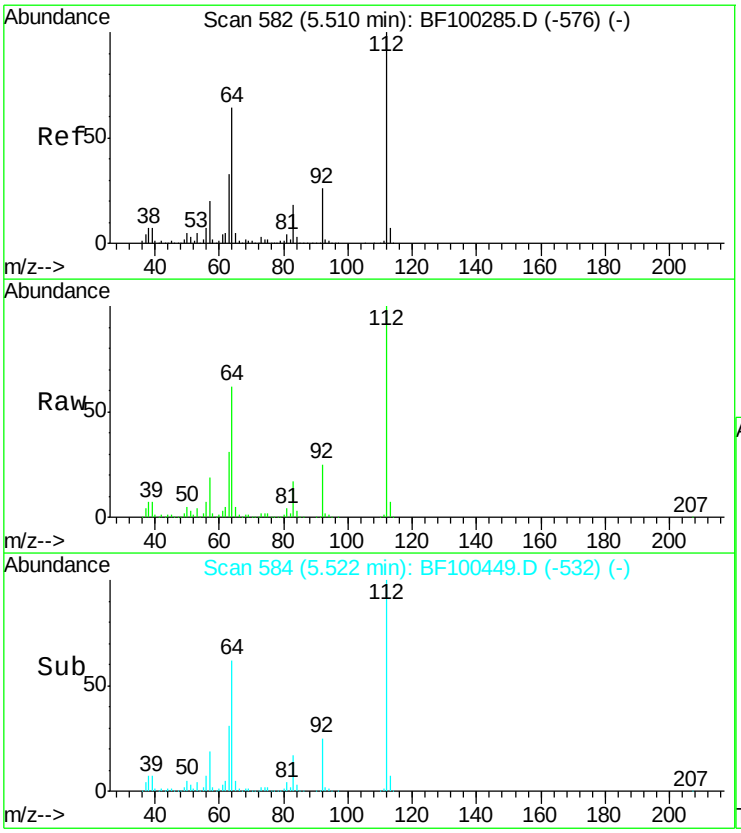
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF100449.D
Acq: 11 Nov 2017 19:04

Instrument :
BNA_F
ClientSampleId :
3N-14

Tgt Ion:152 Resp: 146822

Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.6	186.8
115	58.9	50.1	75.1

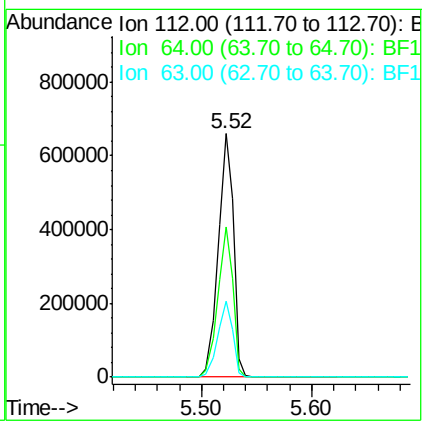


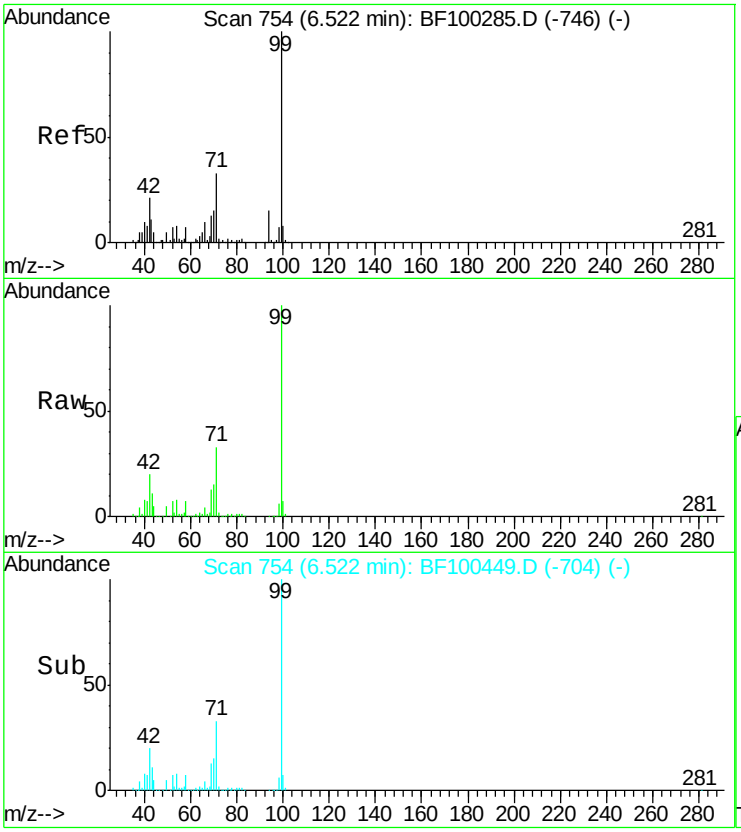


#5
2-Fluorophenol
Concen: 69.18 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF100449.D
Acq: 11 Nov 2017 19:04

Tgt Ion:112 Resp: 633674

Ion	Ratio	Lower	Upper
112	100		
64	61.8	47.9	71.9
63	31.3	23.7	35.5



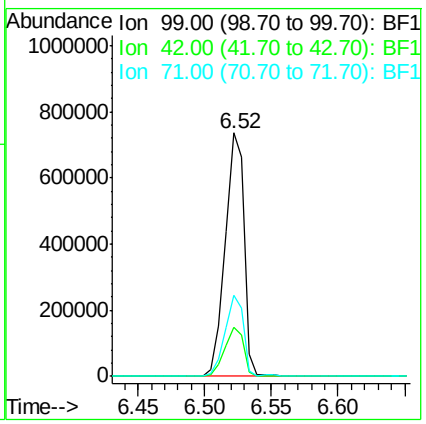


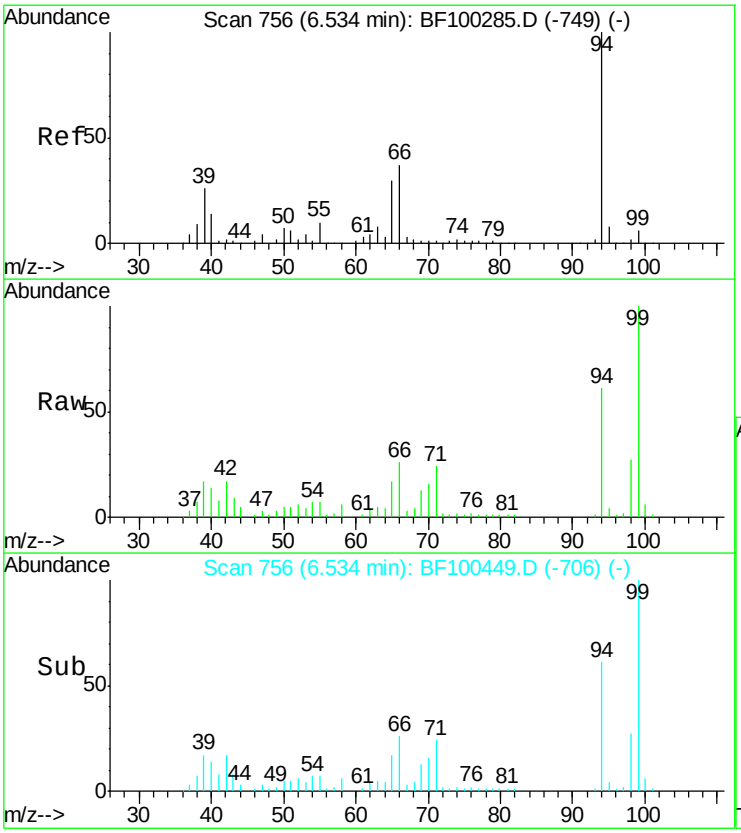
#7
Phenol-d6
Concen: 65.83 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF100449.D
Acq: 11 Nov 2017 19:04

Instrument :
BNA_F
ClientSampleId :
3N-14

Tgt Ion: 99 Resp: 743544

Ion	Ratio	Lower	Upper
99	100		
42	20.4	14.5	21.7
71	33.1	25.4	38.0

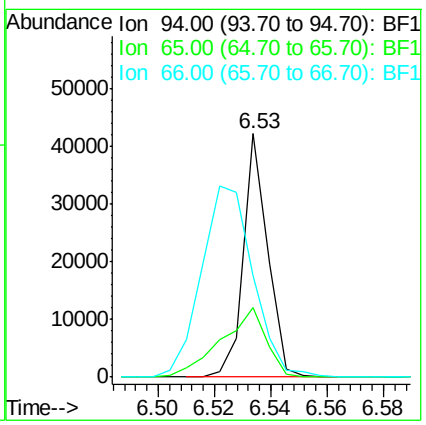


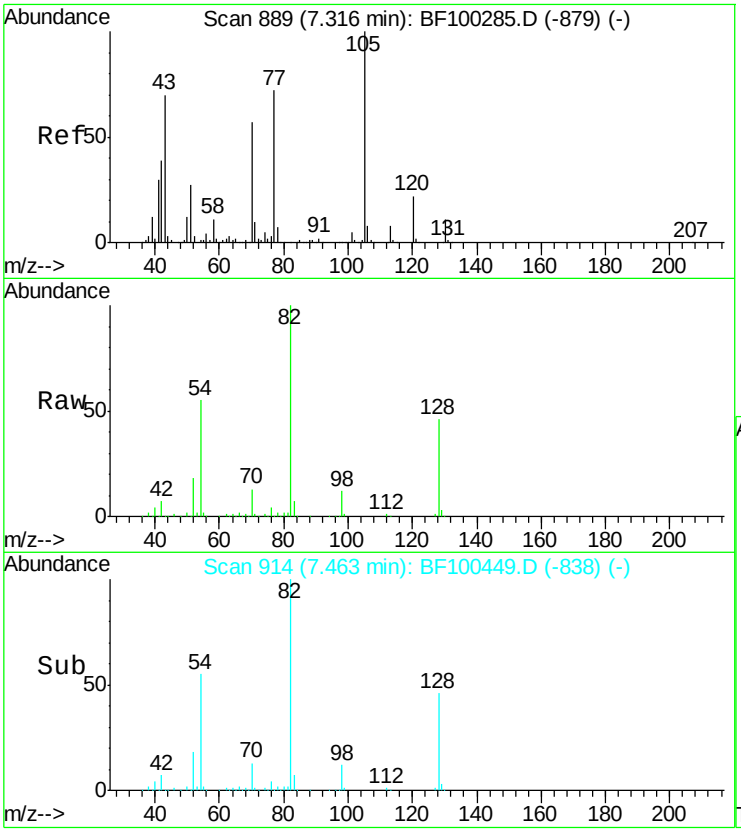


#10
Phenol
Concen: 2.12 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF100449.D
Acq: 11 Nov 2017 19:04

Tgt Ion: 94 Resp: 25149

Ion	Ratio	Lower	Upper
94	100		
65	28.3	7.9	47.9
66	41.7	16.2	56.2



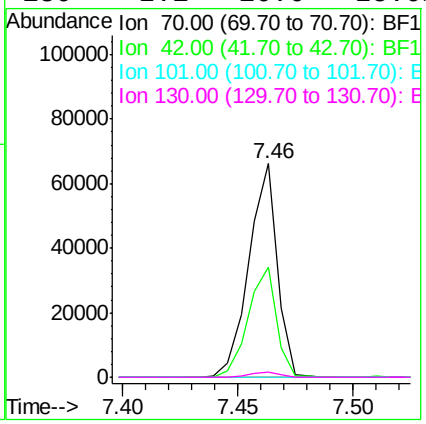


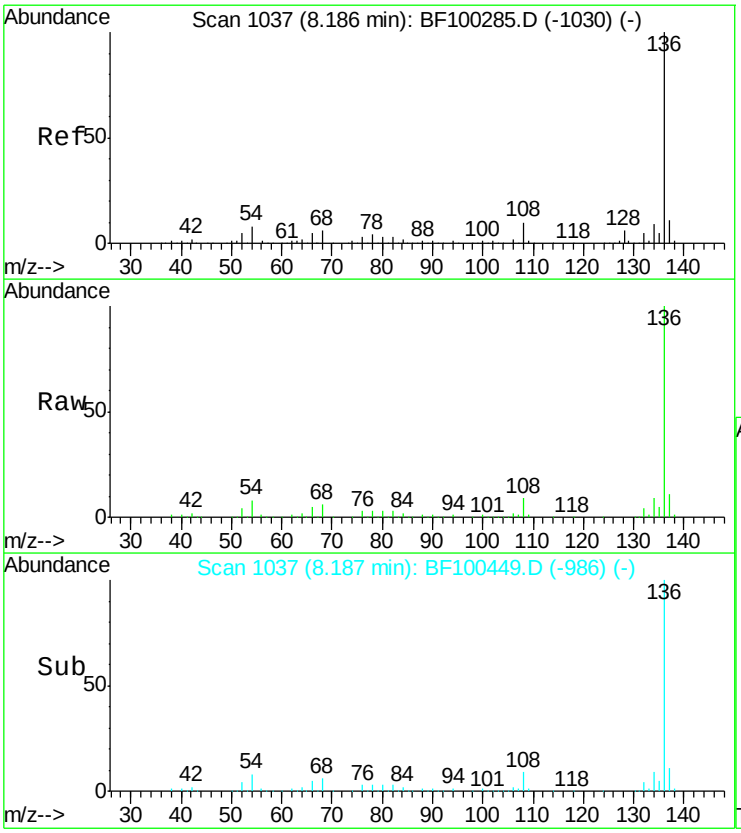
#19
n-Nitroso-di-n-propylamine
Concen: 7.29 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.15 min
Lab File: BF100449.D
Acq: 11 Nov 2017 19:04

Instrument :
BNA_F
ClientSampleId :
3N-14

Tgt Ion: 70 Resp: 57111

Ion	Ratio	Lower	Upper
70	100		
42	51.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

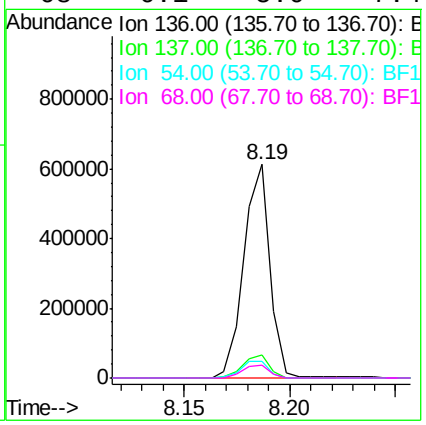


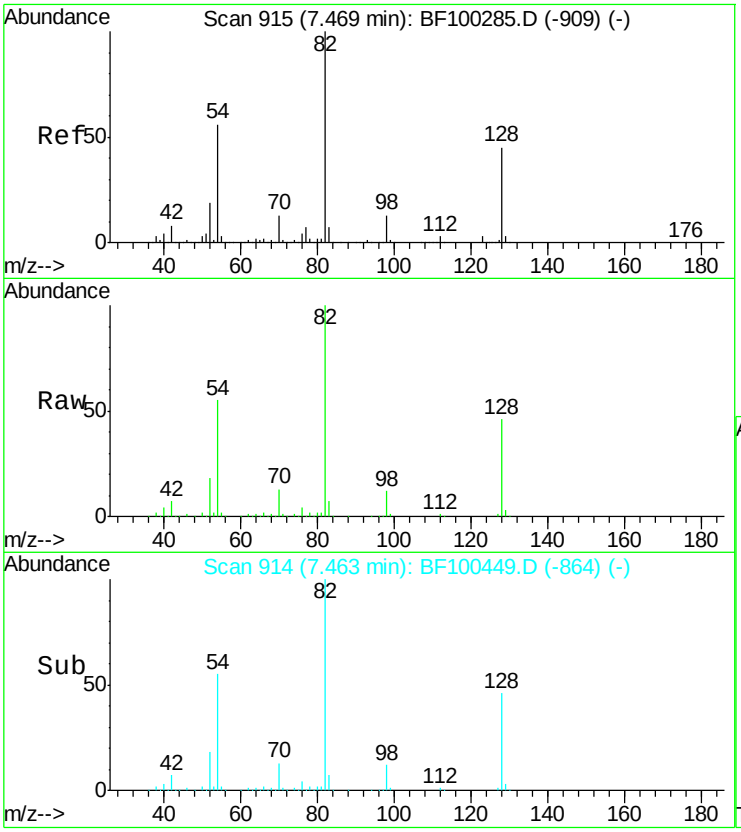


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF100449.D
Acq: 11 Nov 2017 19:04

Tgt Ion:136 Resp: 524799

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.0	6.6	9.8
68	6.1	5.0	7.4



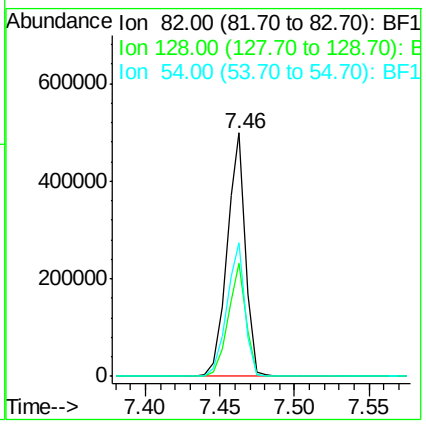


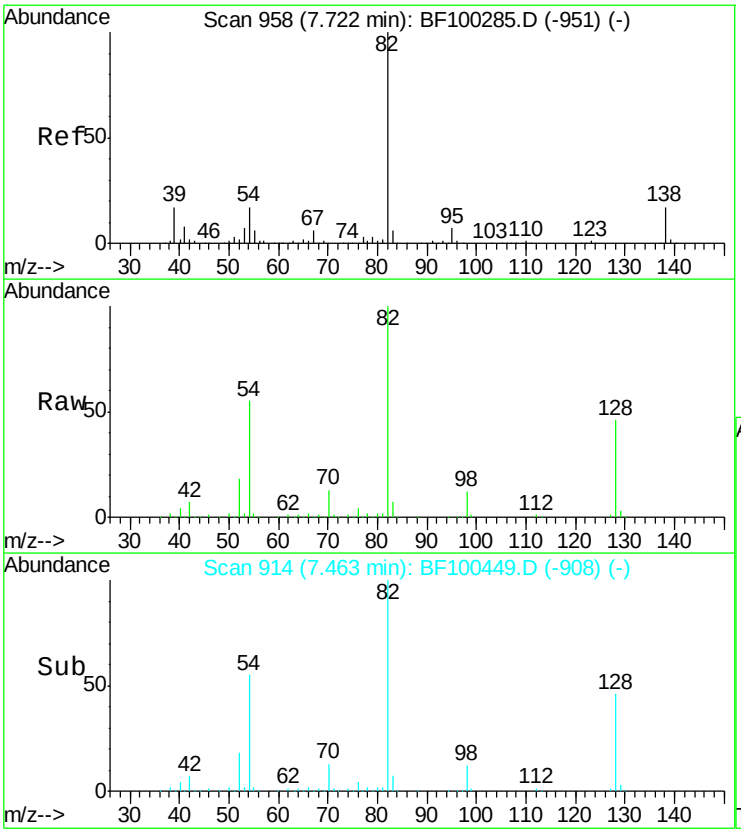
#23
Nitrobenzene-d5
Concen: 54.40 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100449.D
Acq: 11 Nov 2017 19:04

Instrument :
BNA_F
ClientSampleId :
3N-14

Tgt Ion: 82 Resp: 431789

Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	55.1	41.4	62.2

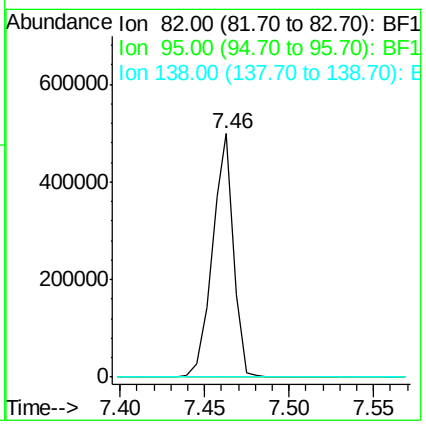


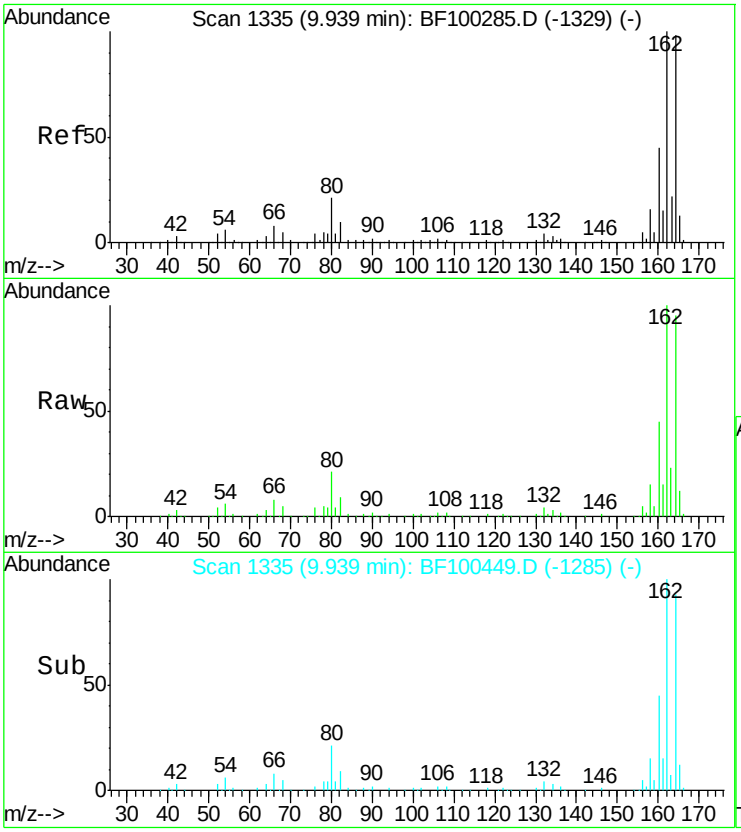


#25
Isophorone
Concen: 25.72 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.26 min
Lab File: BF100449.D
Acq: 11 Nov 2017 19:04

Tgt Ion: 82 Resp: 428973

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



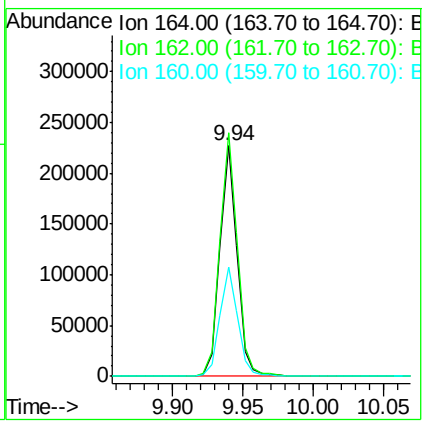


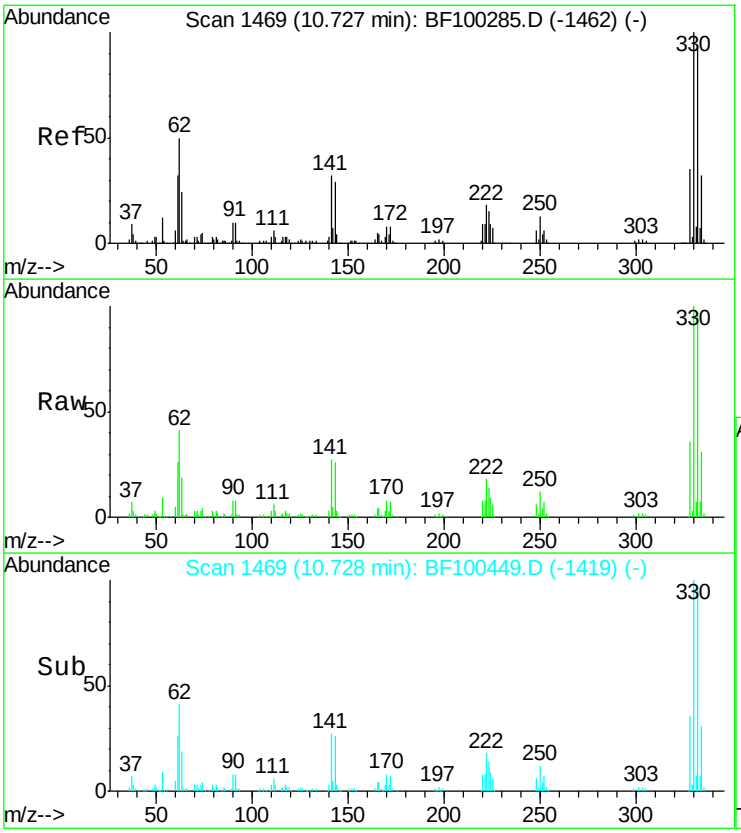
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100449.D
Acq: 11 Nov 2017 19:04

Instrument :
BNA_F
ClientSampleId :
3N-14

Tgt Ion:164 Resp: 193060

Ion	Ratio	Lower	Upper
164	100		
162	105.6	86.1	129.1
160	47.2	38.3	57.5

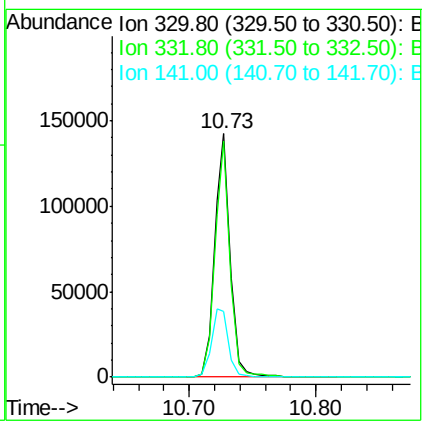


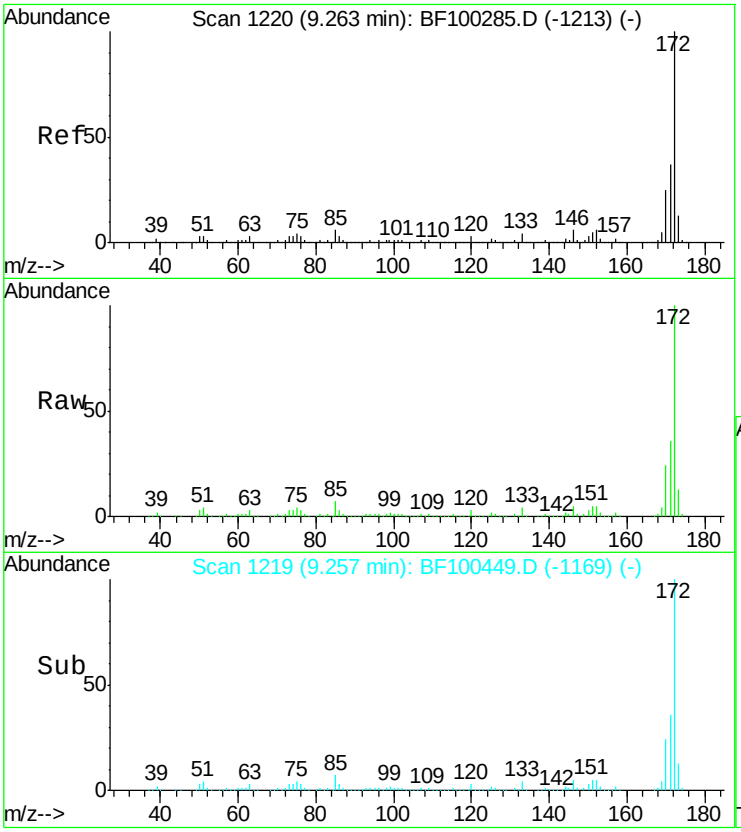


#41
2,4,6-Tribromophenol
Concen: 62.59 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF100449.D
Acq: 11 Nov 2017 19:04

Tgt Ion:330 Resp: 123138

Ion	Ratio	Lower	Upper
330	100		
332	94.0	77.0	115.6
141	30.8	29.9	44.9



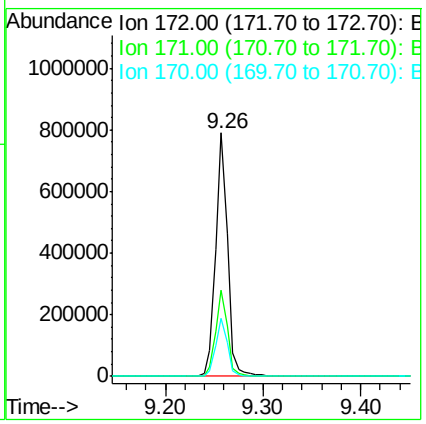


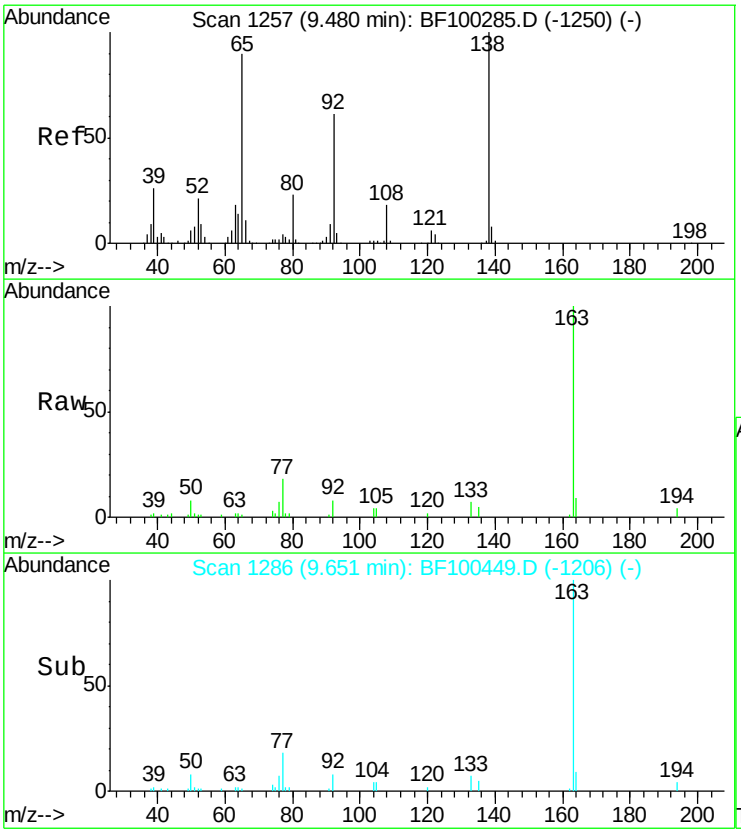
#44
2-Fluorobiphenyl
Concen: 53.40 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF100449.D
Acq: 11 Nov 2017 19:04

Instrument :
BNA_F
ClientSampleId :
3N-14

Tgt Ion:172 Resp: 676993

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.8	19.6	29.4

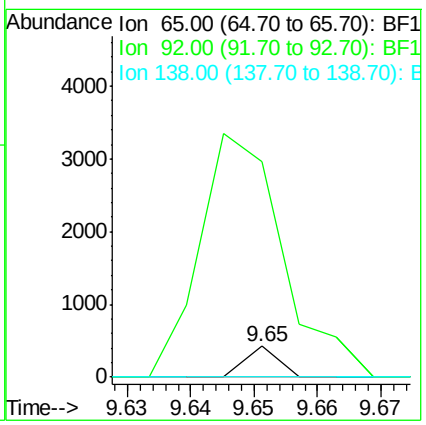


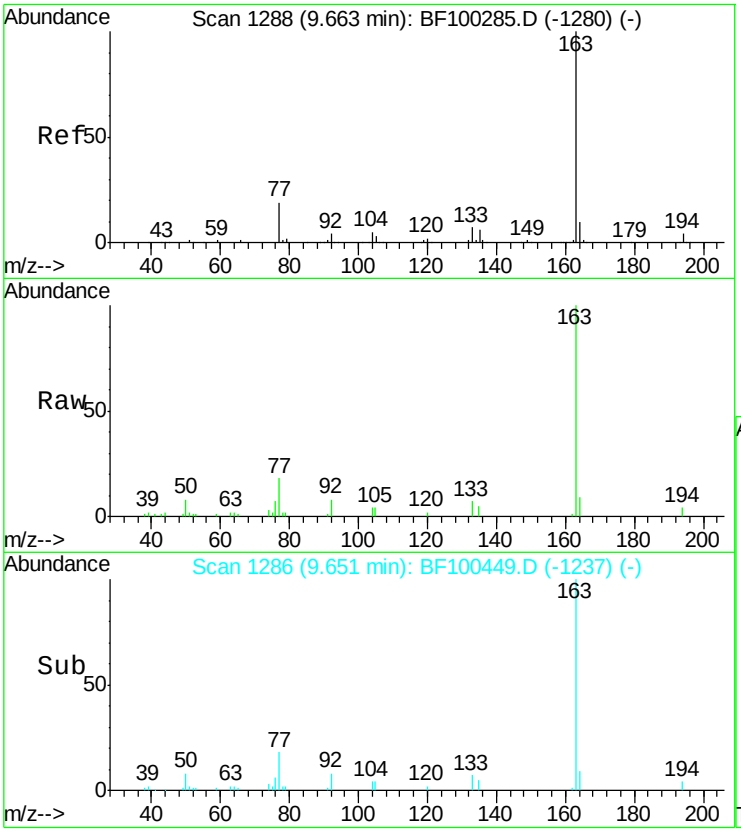


#47
2-Nitroaniline
Concen: 2.82 ng
RT: 9.65 min Scan# 1286
Delta R.T. 0.17 min
Lab File: BF100449.D
Acq: 11 Nov 2017 19:04

Tgt Ion: 65 Resp: 150

Ion	Ratio	Lower	Upper
65	100		
92	697.4	55.8	83.6#
138	0.0	91.2	136.8#



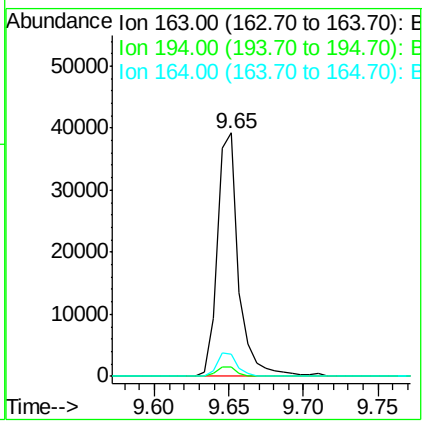


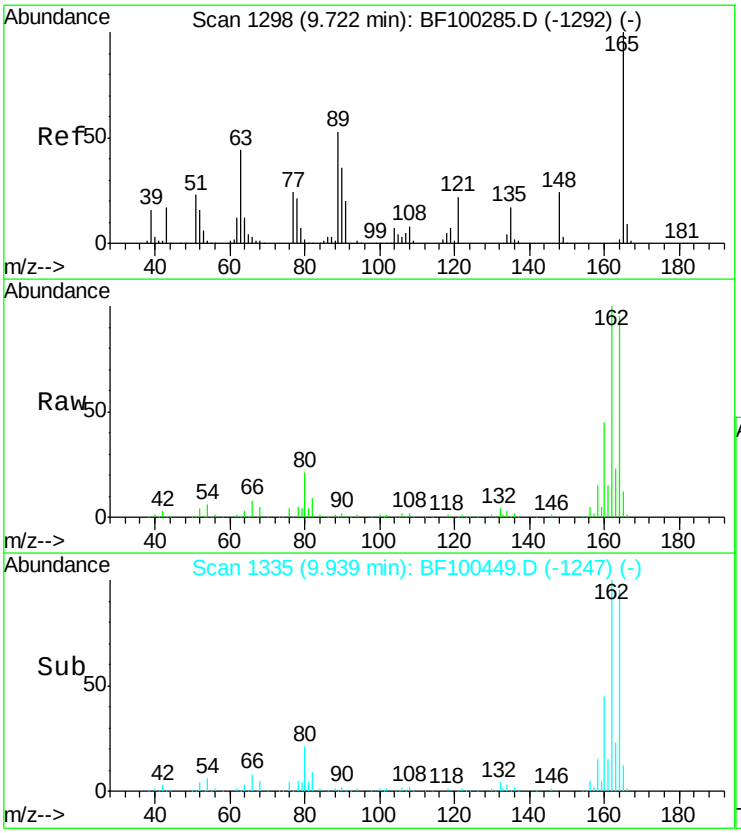
#49
Dimethylphthalate
Concen: 2.66 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF100449.D
Acq: 11 Nov 2017 19:04

Instrument :
BNA_F
ClientSampleId :
3N-14

Tgt Ion:163 Resp: 39281

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.2	8.2	12.2

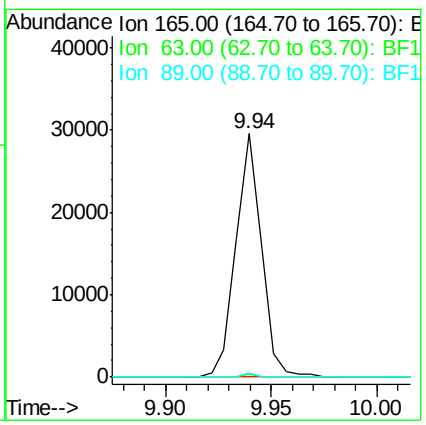


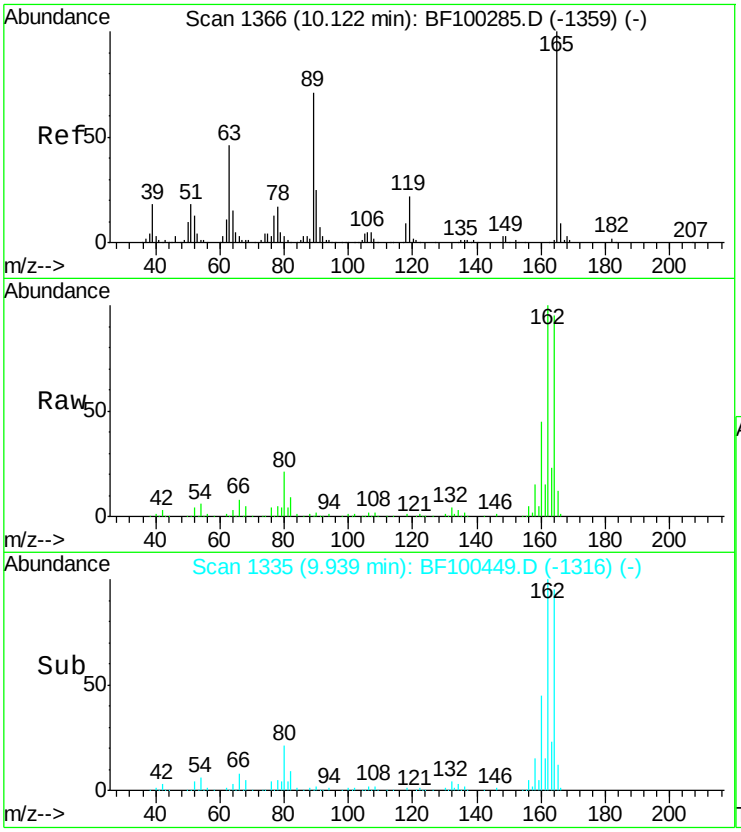


#50
2,6-Dinitrotoluene
Concen: 8.48 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.22 min
Lab File: BF100449.D
Acq: 11 Nov 2017 19:04

Tgt Ion:165 Resp: 24743

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.8	44.0	66.0#



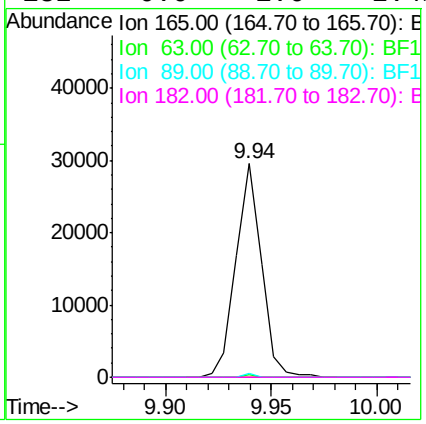


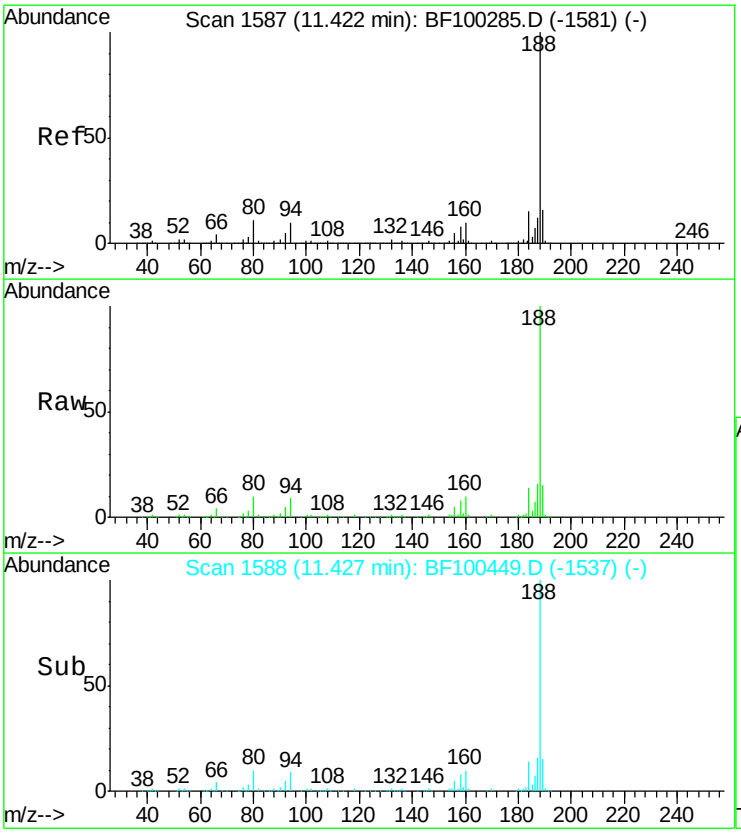
#56
2,4-Dinitrotoluene
Concen: 6.72 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.19 min
Lab File: BF100449.D
Acq: 11 Nov 2017 19:04

Instrument :
BNA_F
ClientSampleId :
3N-14

Tgt Ion:165 Resp: 24743

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#

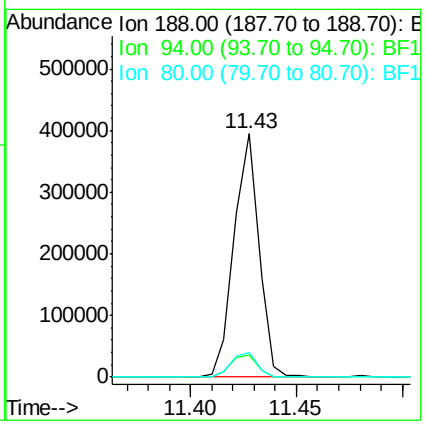


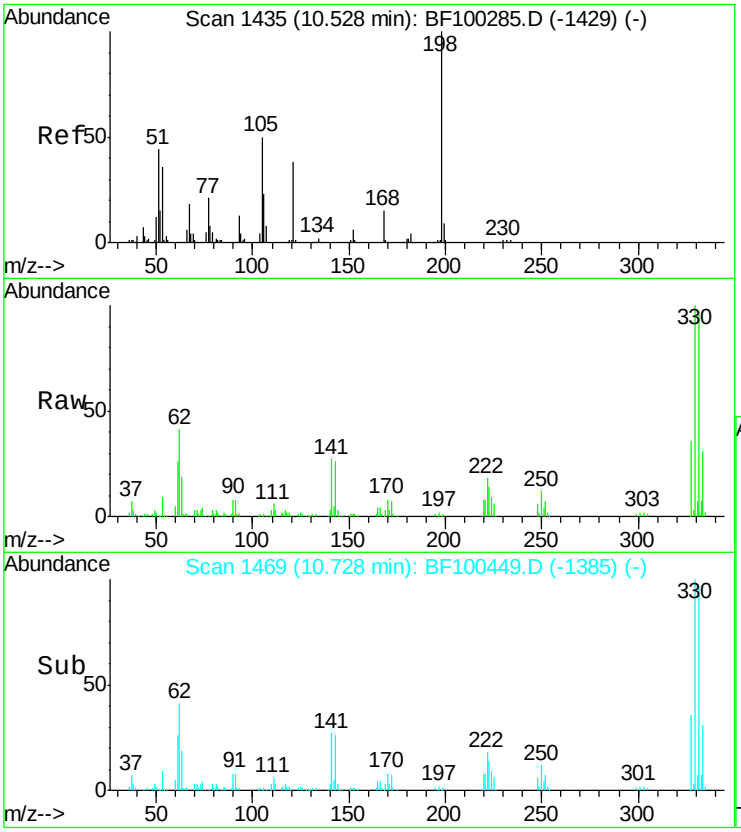


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.00 min
Lab File: BF100449.D
Acq: 11 Nov 2017 19:04

Tgt Ion:188 Resp: 322010

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	9.9	9.2	13.8



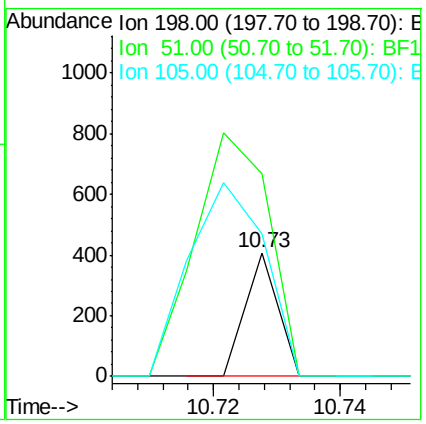


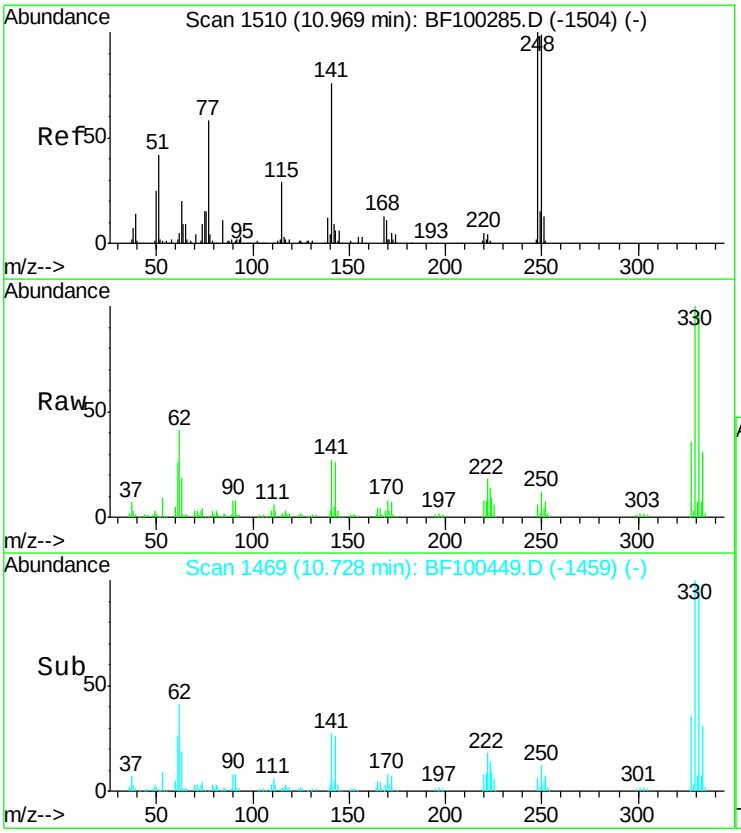
#64
4,6-Dinitro-2-methylphenol
Concen: 8.64 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.19 min
Lab File: BF100449.D
Acq: 11 Nov 2017 19:04

Instrument :
BNA_F
ClientSampleId :
3N-14

Tgt Ion:198 Resp: 144

Ion	Ratio	Lower	Upper
198	100		
51	163.5	37.7	77.7#
105	115.7	36.3	76.3#

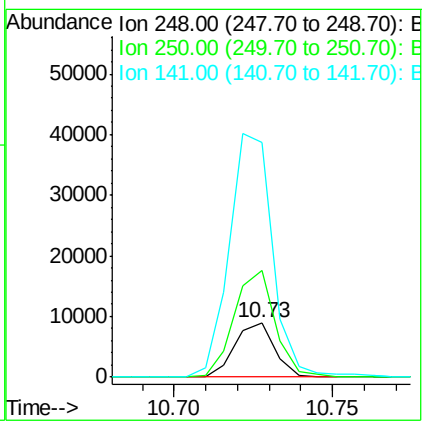


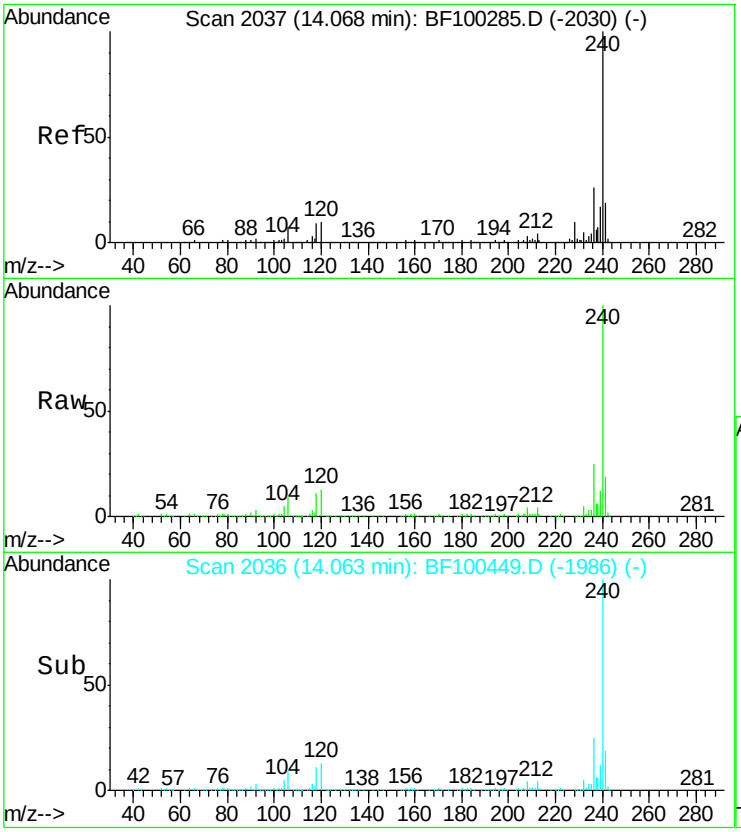


#66
4-Bromophenyl-phenylether
Concen: 2.25 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.24 min
Lab File: BF100449.D
Acq: 11 Nov 2017 19:04

Tgt Ion:248 Resp: 7784

Ion	Ratio	Lower	Upper
248	100		
250	197.0	76.9	115.3#
141	432.3	74.4	111.6#



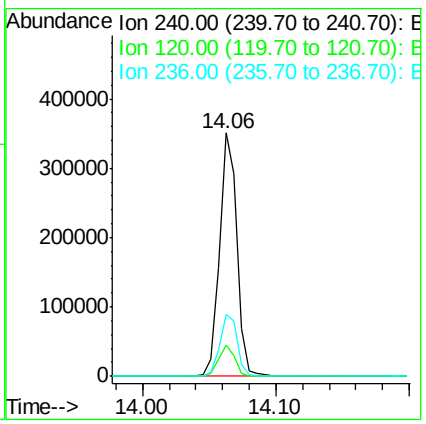


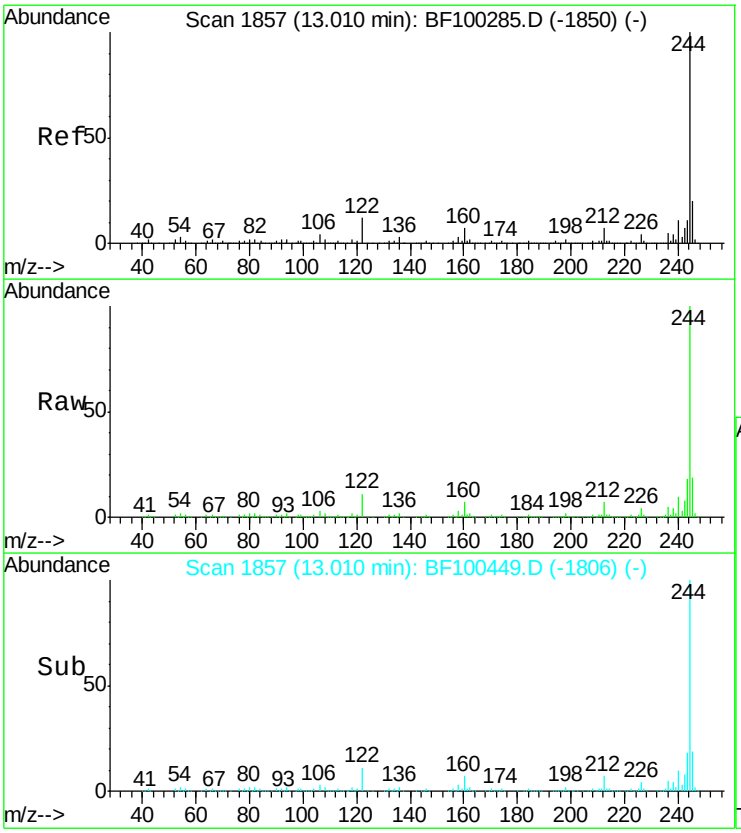
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100449.D
Acq: 11 Nov 2017 19:04

Instrument :
BNA_F
ClientSampleId :
3N-14

Tgt Ion:240 Resp: 322330

Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.5	14.3
236	25.4	20.7	31.1

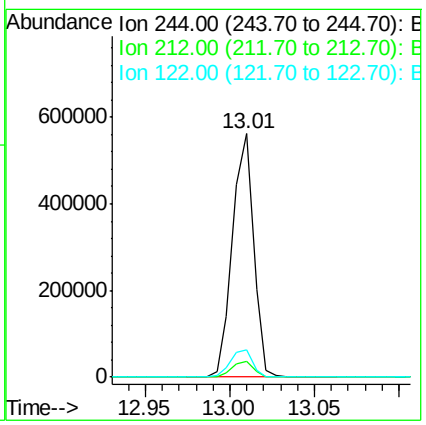


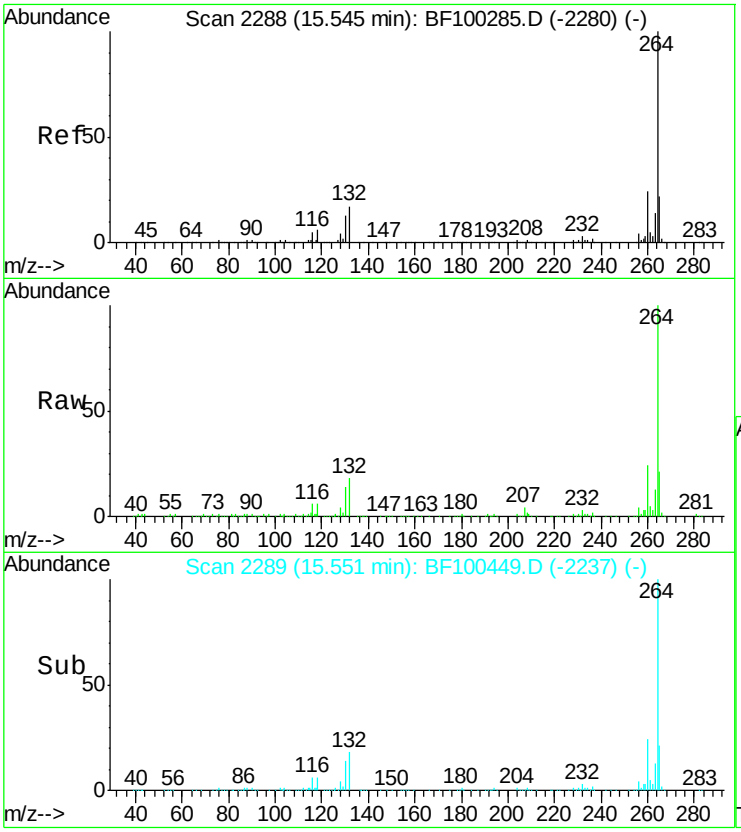


#78
Terphenyl-d14
Concen: 34.90 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.00 min
Lab File: BF100449.D
Acq: 11 Nov 2017 19:04

Tgt Ion:244 Resp: 489639

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





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.01 min
Lab File: BF100449.D
Acq: 11 Nov 2017 19:04

Instrument :
BNA_F
ClientSampleId :
3N-14

Tgt Ion:264 Resp: 232351

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	20.9	17.5	26.3