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

Quantitation Report (Not Reviewed)

Data File : BF100448.D
Acq On : 11 Nov 2017 18:37
Operator : SJ/JU
Sample : I6388-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3N-9

Quant Time: Nov 13 01:11:14 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	153251	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	541341	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	205725	20.00	ng		0.00
63) Phenanthrene-d10	11.43	188	330854	20.00	ng		0.00
75) Chrysene-d12	14.06	240	327883	20.00	ng		0.00
86) Perylene-d12	15.55	264	229950	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	661431	69.18	ng		0.00
7) Phenol-d6	6.53	99	787646	66.81	ng		0.00
23) Nitrobenzene-d5	7.46	82	469085	57.29	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	132398	63.16	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	798285	59.09	ng		0.00
78) Terphenyl-d14	13.01	244	620351	43.47	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.53	94	32265	2.61	ng		83
19) n-Nitroso-di-n-propylamine	7.46	70	61301	7.50	ng	#	83
25) Isophorone	7.46	82	468254	27.21	ng	#	64
47) 2-Nitroaniline	9.31	65	476	2.90	ng	#	10
49) Dimethylphthalate	9.65	163	77669	4.94	ng		99
56) 2,4-Dinitrotoluene	9.94	165	25968	6.62	ng	#	23
62) Azobenzene	10.65	77	43924	2.97	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.72	198	241	8.69	ng	#	1
66) 4-Bromophenyl-phenylether	10.73	248	8228	2.32	ng	#	1

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

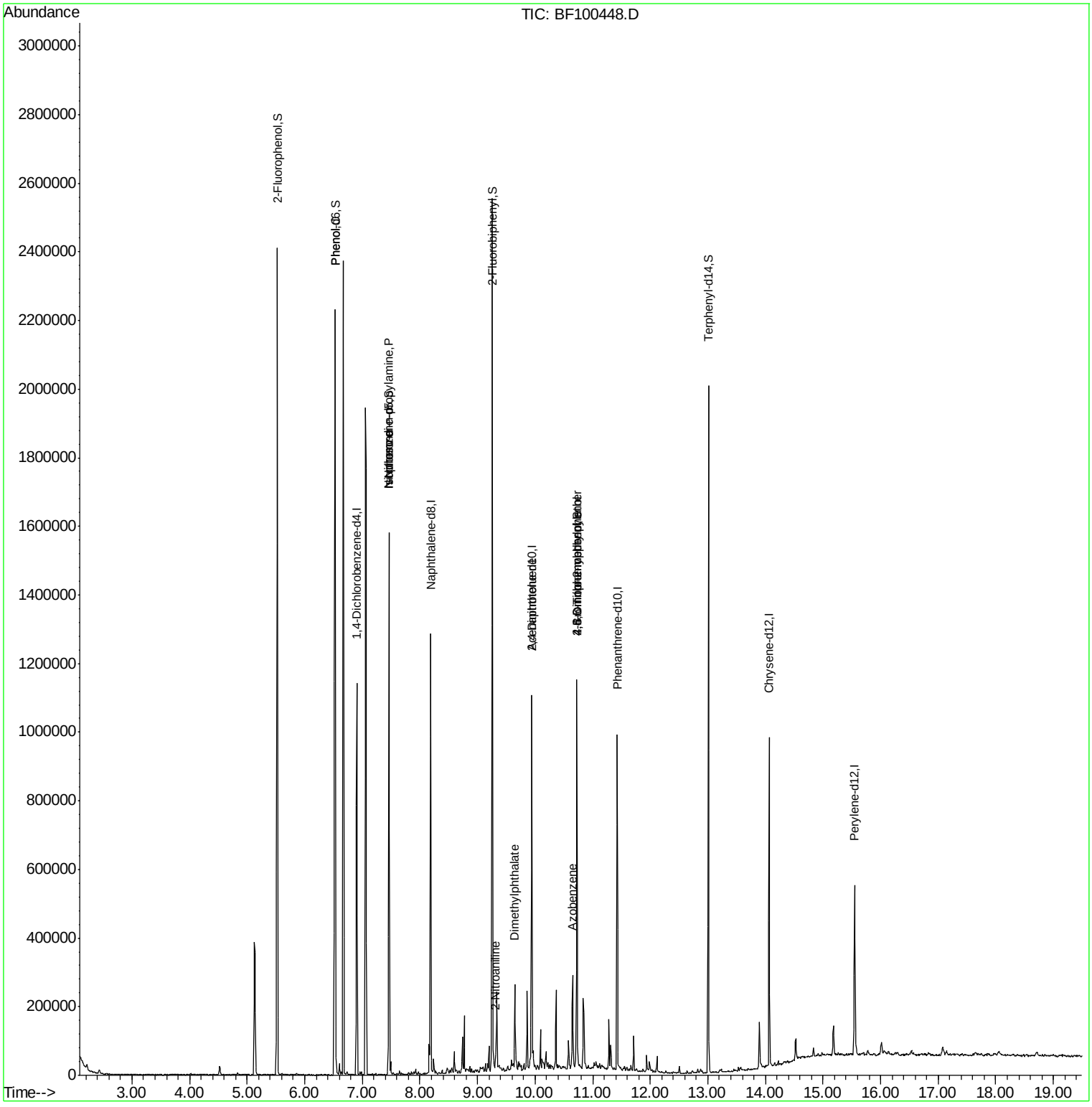
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111117\

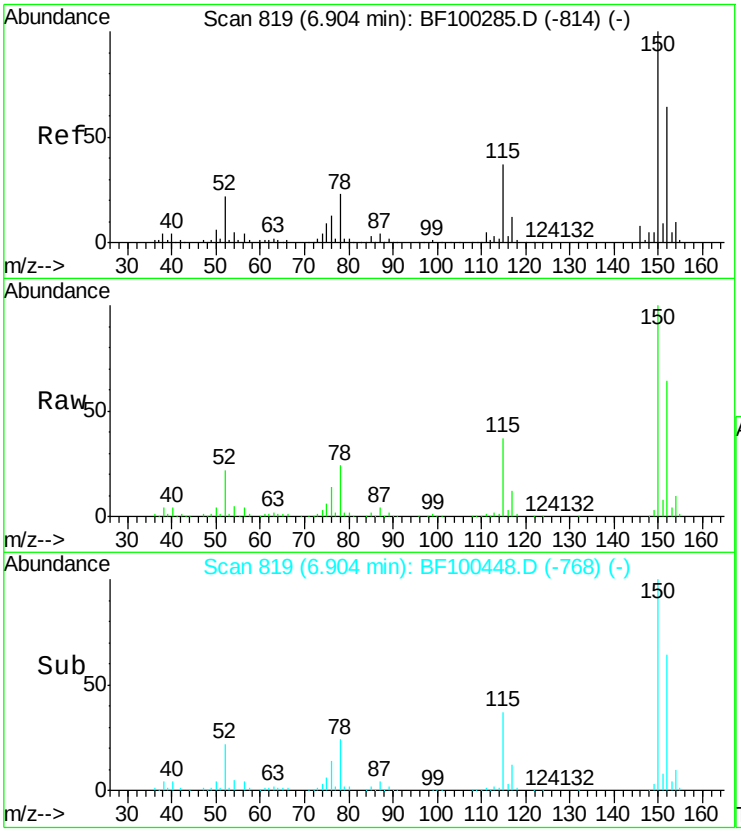
Quantitation Report (Not Reviewed)

Data File : BF100448.D
Acq On : 11 Nov 2017 18:37
Operator : SJ/JU
Sample : I6388-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
3N-9

Quant Time: Nov 13 01:11:14 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



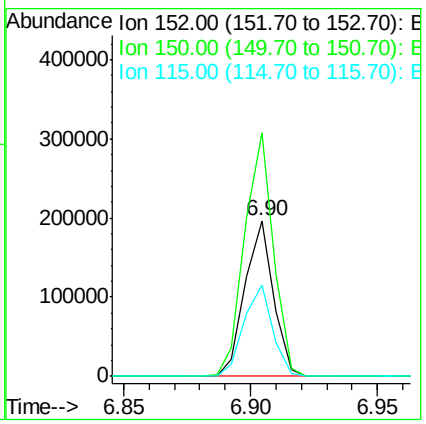


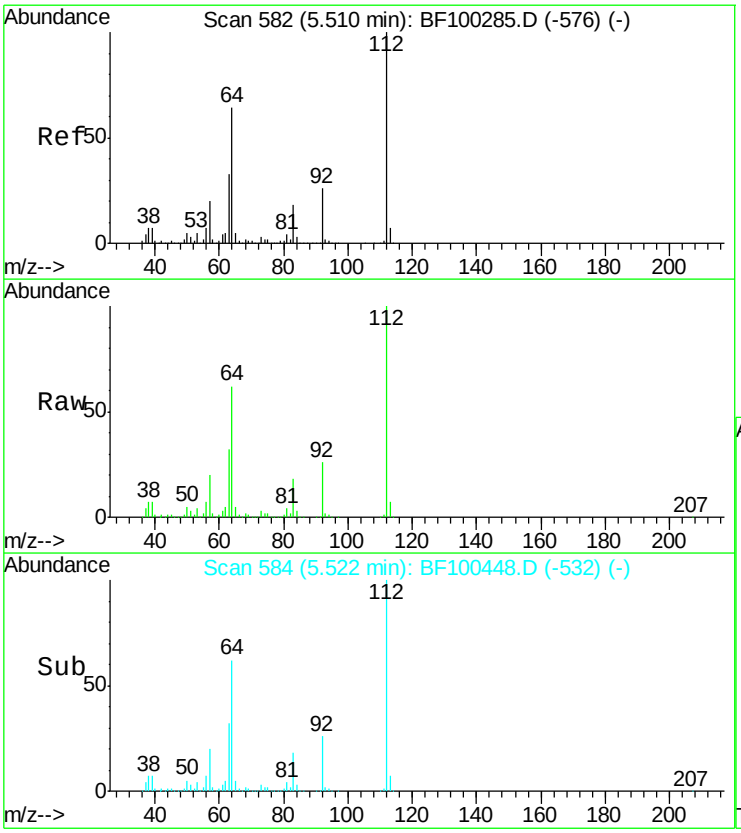
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF100448.D
Acq: 11 Nov 2017 18:37

Instrument :
BNA_F
ClientSampleId :
3N-9

Tgt Ion:152 Resp: 153251

Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	58.6	50.1	75.1

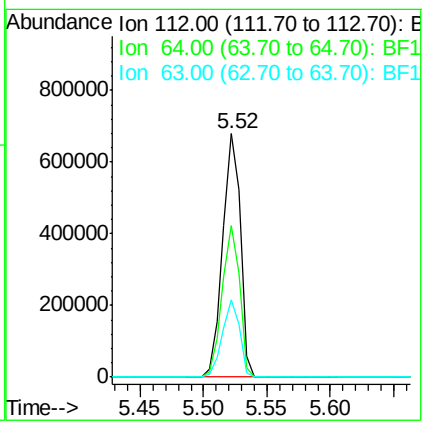


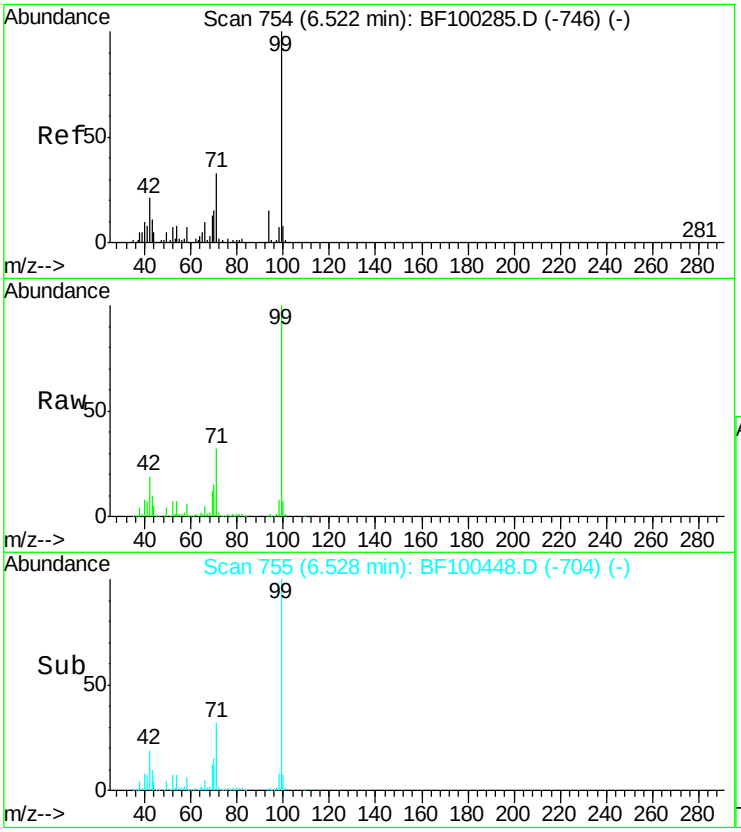


#5
2-Fluorophenol
Concen: 69.18 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF100448.D
Acq: 11 Nov 2017 18:37

Tgt Ion:112 Resp: 661431

Ion	Ratio	Lower	Upper
112	100		
64	62.1	47.9	71.9
63	31.7	23.7	35.5



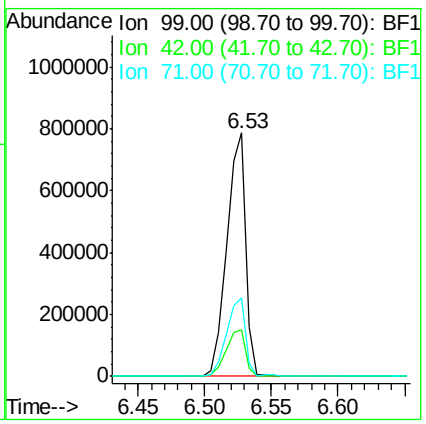


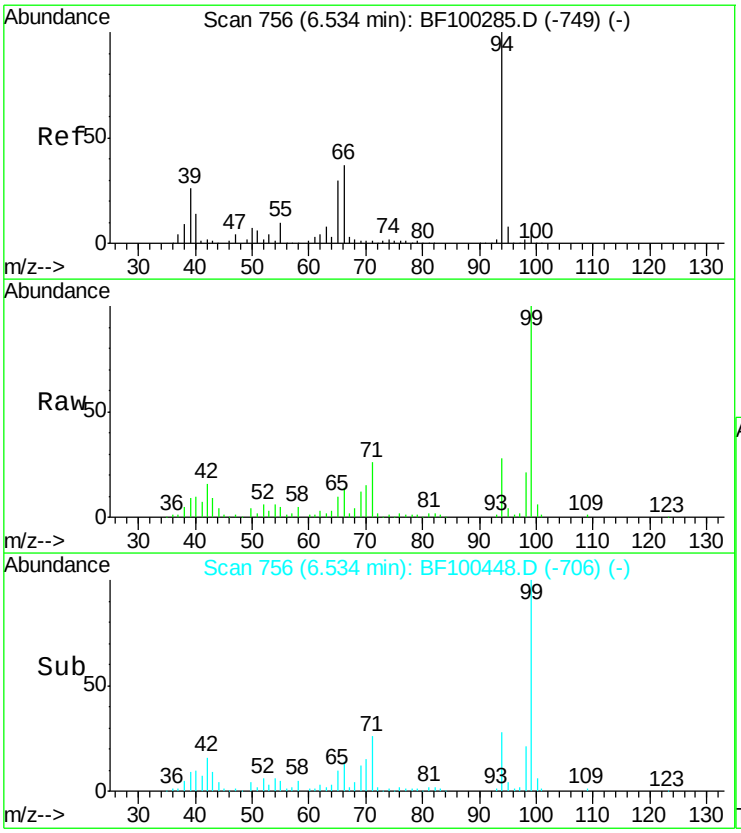
#7
Phenol-d6
Concen: 66.81 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF100448.D
Acq: 11 Nov 2017 18:37

Instrument :
BNA_F
ClientSampleId :
3N-9

Tgt Ion: 99 Resp: 787646

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	32.2	25.4	38.0

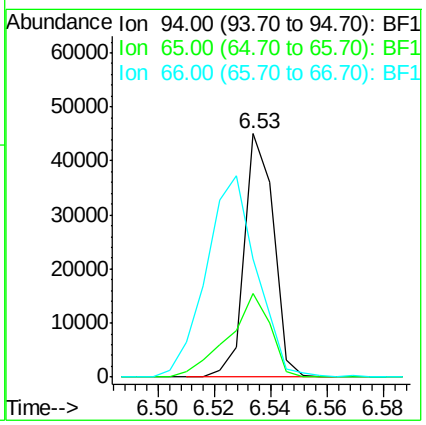


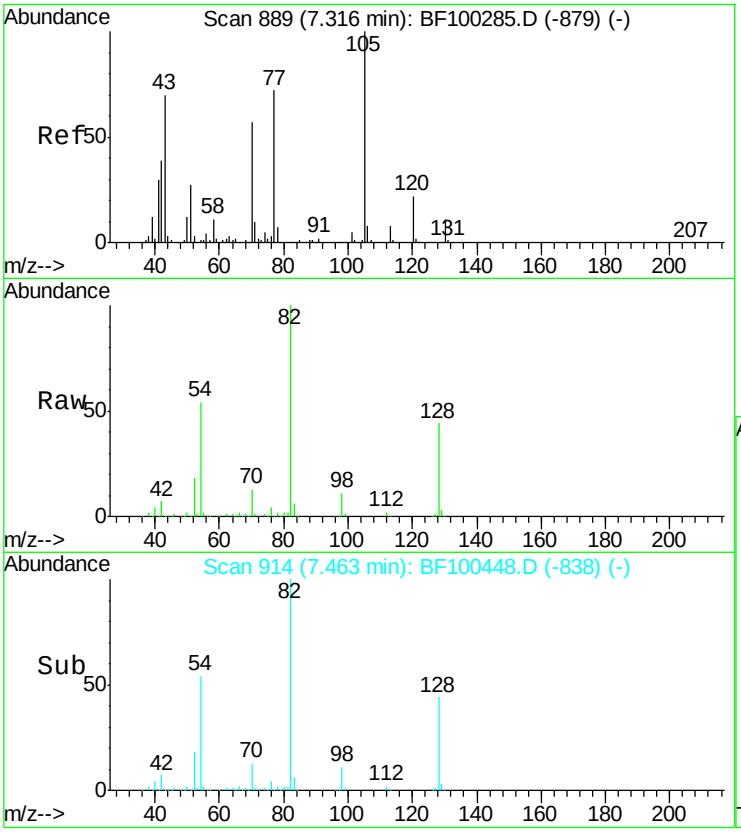


#10
Phenol
Concen: 2.61 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF100448.D
Acq: 11 Nov 2017 18:37

Tgt Ion: 94 Resp: 32265

Ion	Ratio	Lower	Upper
94	100		
65	34.3	7.9	47.9
66	48.6	16.2	56.2



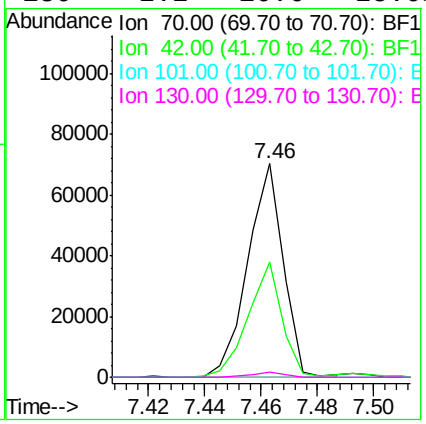


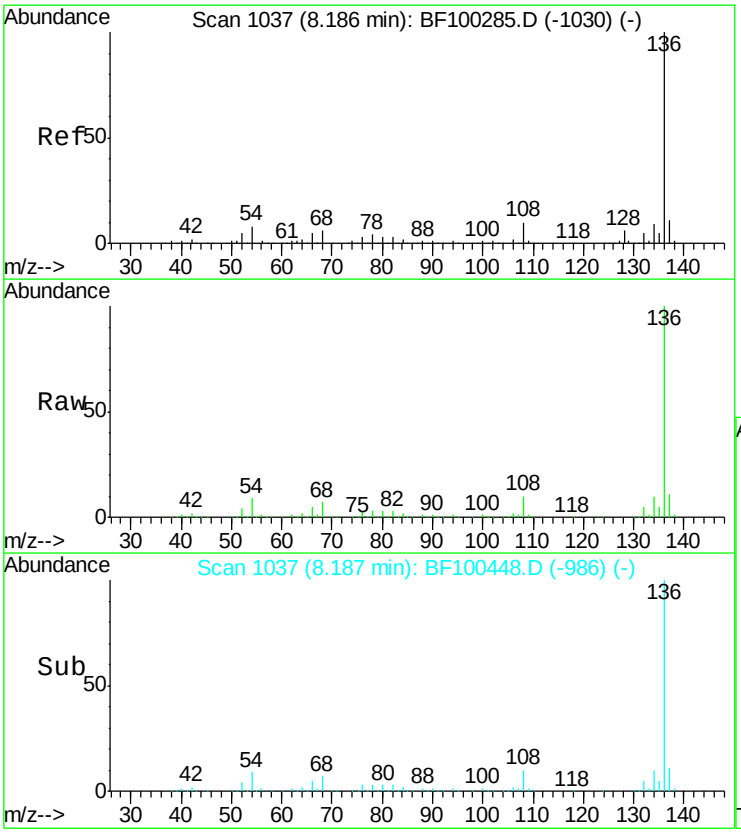
#19
n-Nitroso-di-n-propylamine
Concen: 7.50 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.15 min
Lab File: BF100448.D
Acq: 11 Nov 2017 18:37

Instrument :
BNA_F
ClientSampleId :
3N-9

Tgt Ion: 70 Resp: 61301

Ion	Ratio	Lower	Upper
70	100		
42	54.1	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#

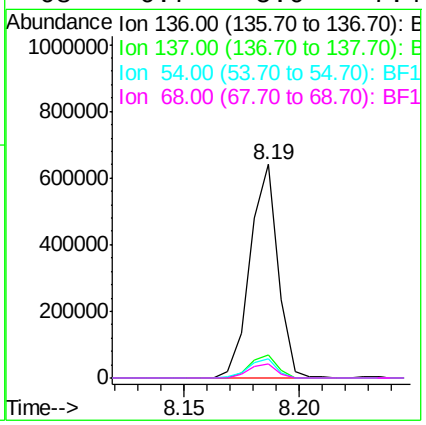


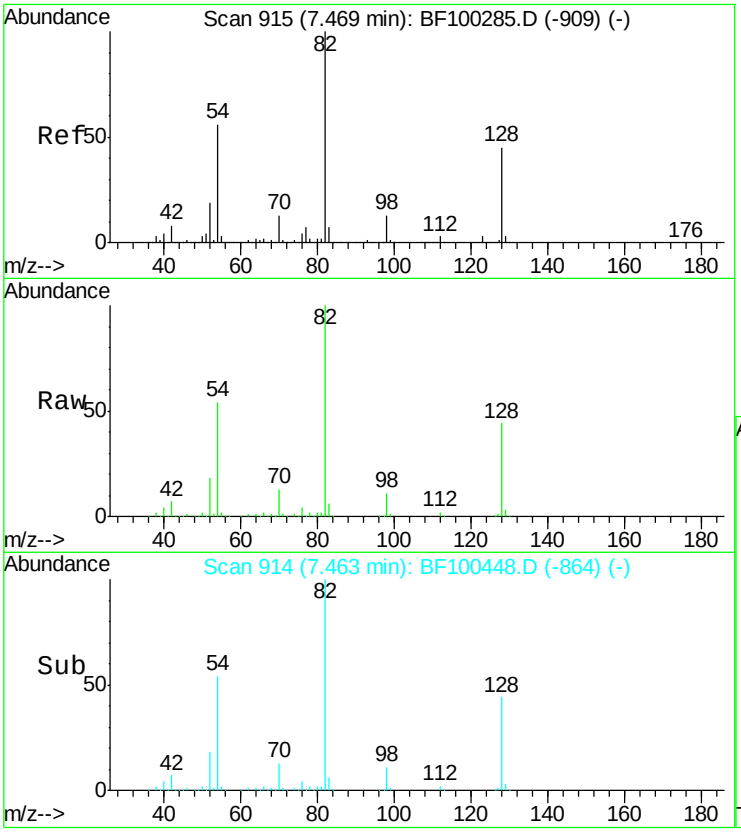


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF100448.D
Acq: 11 Nov 2017 18:37

Tgt Ion:136 Resp: 541341

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.8	6.6	9.8
68	6.7	5.0	7.4



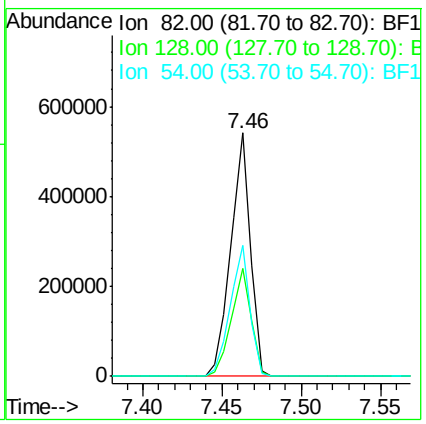


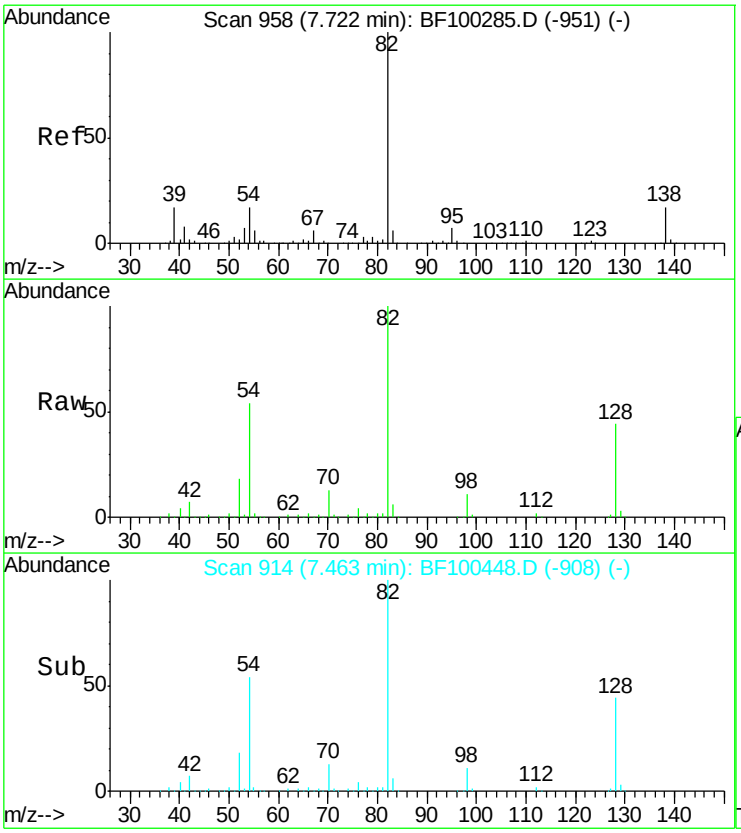
#23
Nitrobenzene-d5
Concen: 57.29 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100448.D
Acq: 11 Nov 2017 18:37

Instrument :
BNA_F
ClientSampleId :
3N-9

Tgt Ion: 82 Resp: 469085

Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	53.8	41.4	62.2

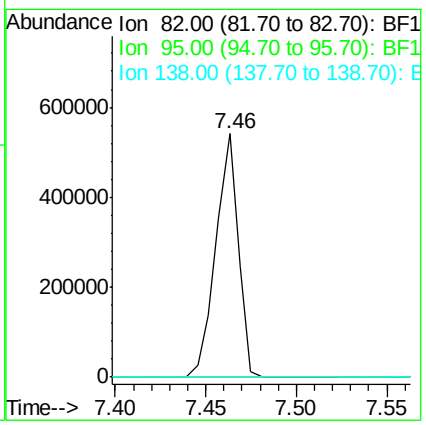


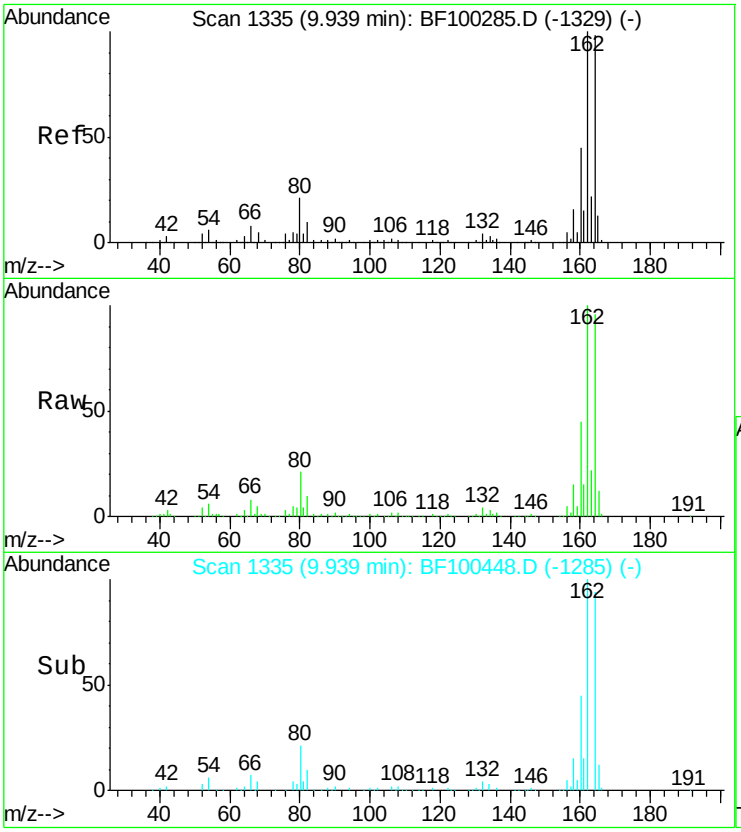


#25
Isophorone
Concen: 27.21 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.26 min
Lab File: BF100448.D
Acq: 11 Nov 2017 18:37

Tgt Ion: 82 Resp: 468254

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



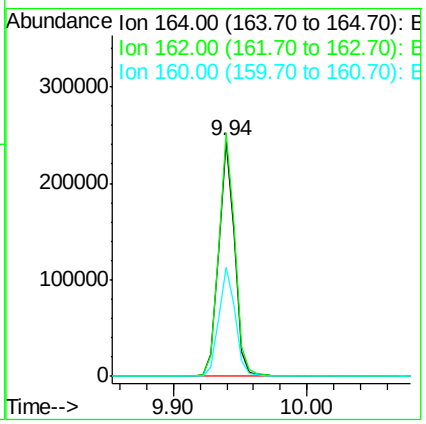


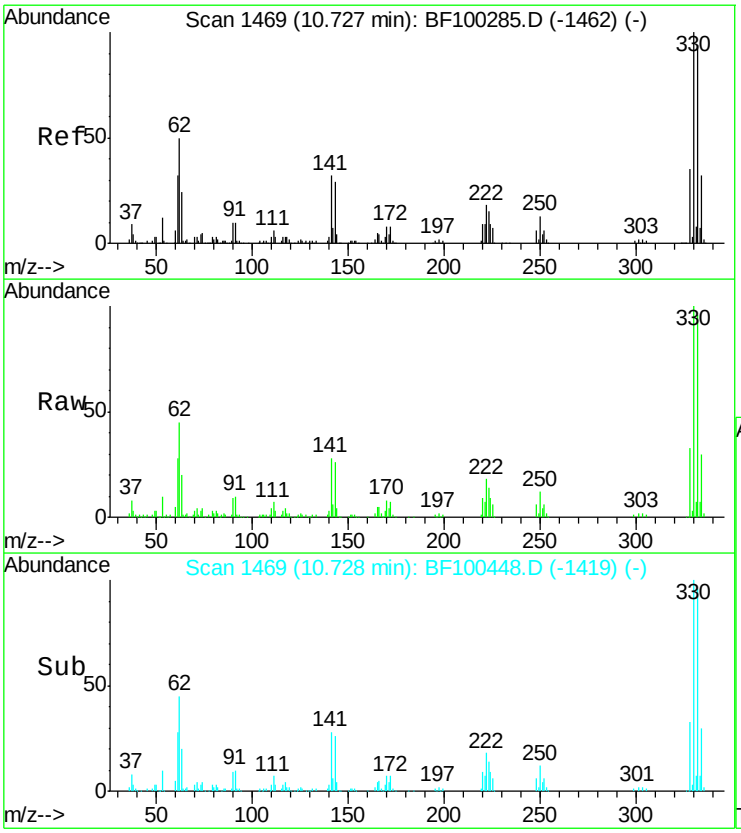
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100448.D
Acq: 11 Nov 2017 18:37

Instrument :
BNA_F
ClientSampleId :
3N-9

Tgt Ion:164 Resp: 205725

Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	46.2	38.3	57.5

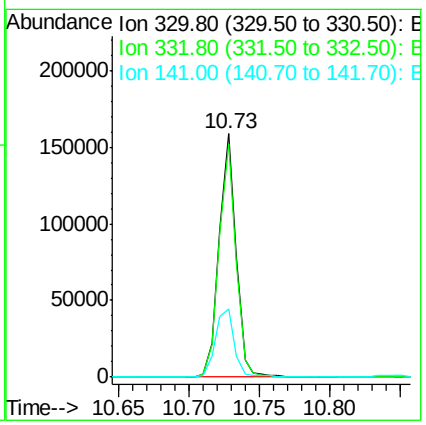


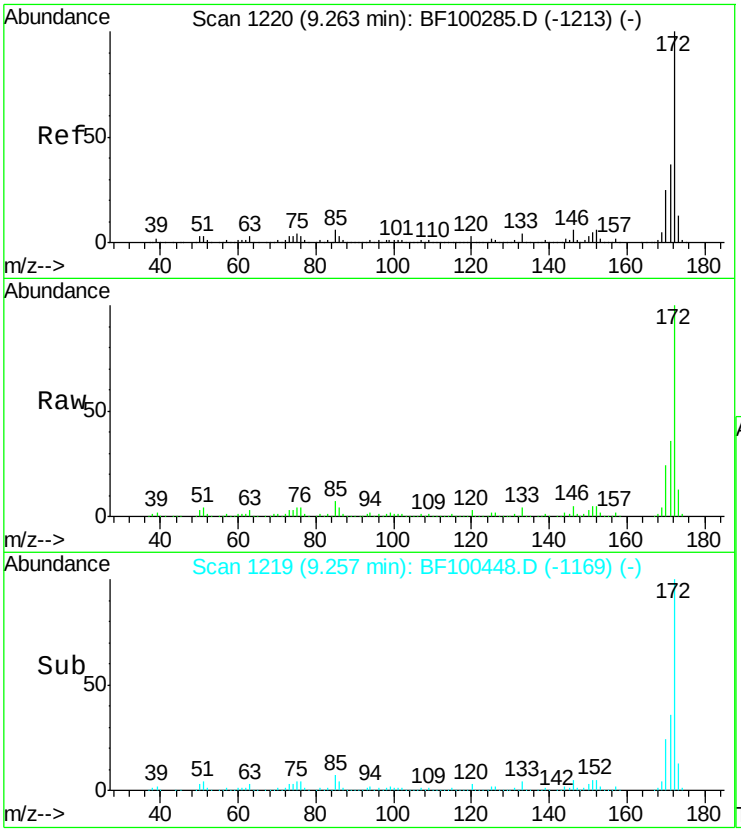


#41
2,4,6-Tribromophenol
Concen: 63.16 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF100448.D
Acq: 11 Nov 2017 18:37

Tgt Ion:330 Resp: 132398

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	31.8	29.9	44.9



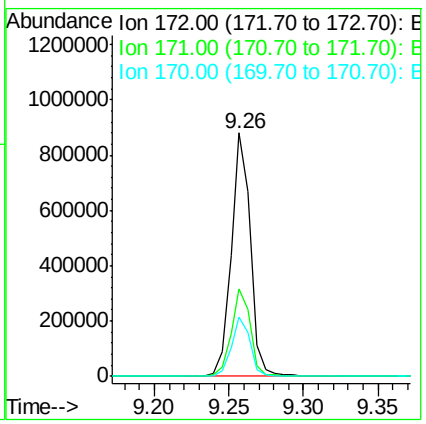


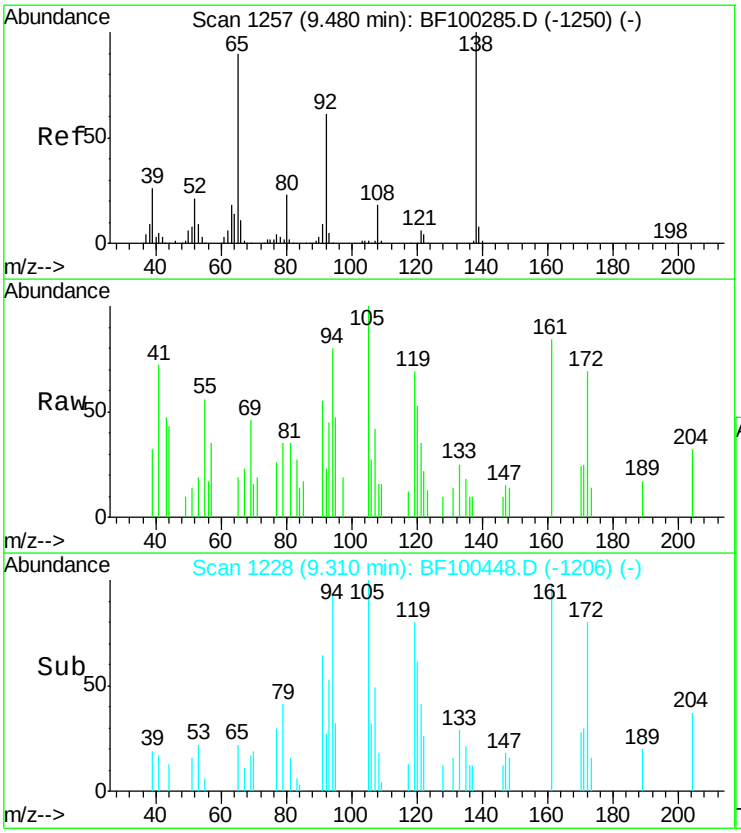
#44
2-Fluorobiphenyl
Concen: 59.09 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF100448.D
Acq: 11 Nov 2017 18:37

Instrument :
BNA_F
ClientSampleId :
3N-9

Tgt Ion:172 Resp: 798285

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.3	19.6	29.4

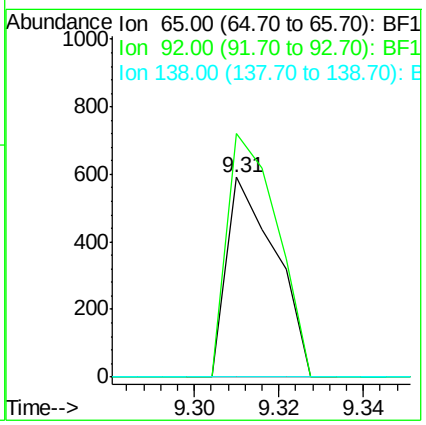


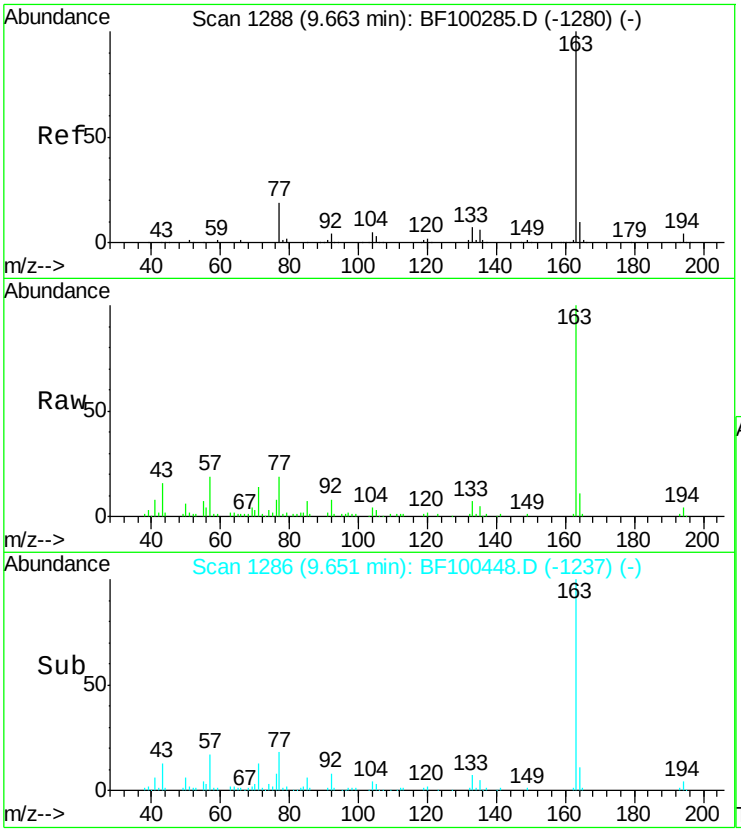


#47
2-Nitroaniline
Concen: 2.90 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.17 min
Lab File: BF100448.D
Acq: 11 Nov 2017 18:37

Tgt Ion: 65 Resp: 476

Ion	Ratio	Lower	Upper
65	100		
92	121.8	55.8	83.6#
138	0.0	91.2	136.8#



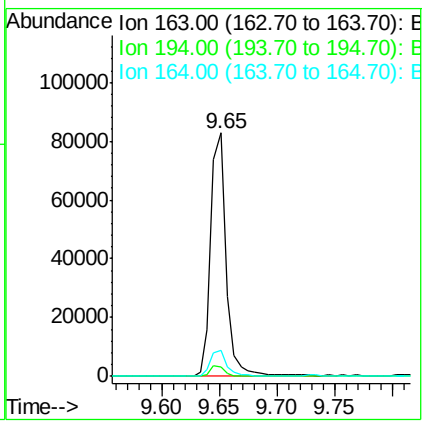


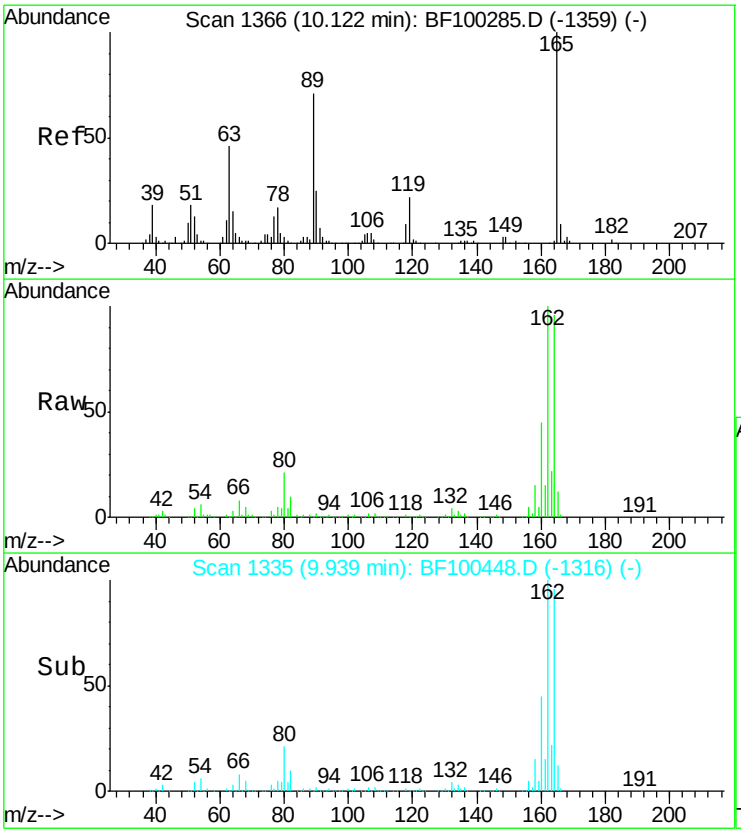
#49
Dimethylphthalate
Concen: 4.94 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF100448.D
Acq: 11 Nov 2017 18:37

Instrument :
BNA_F
ClientSampleId :
3N-9

Tgt Ion:163 Resp: 77669

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.6	8.2	12.2

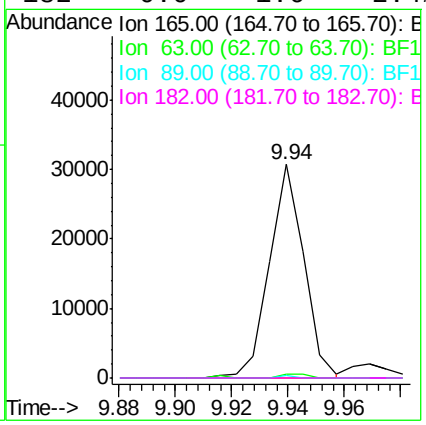


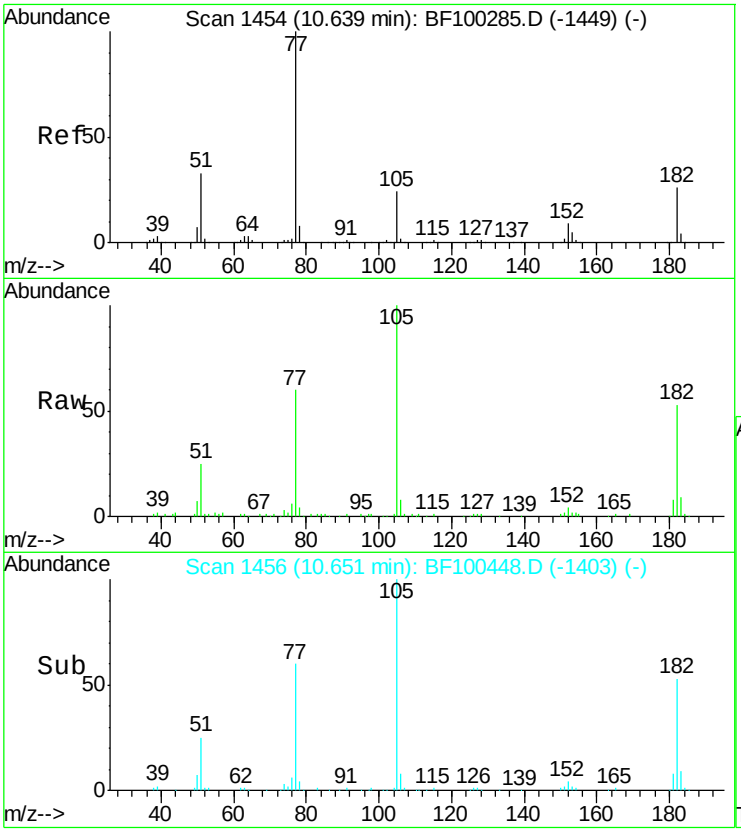


#56
2,4-Dinitrotoluene
Concen: 6.62 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.19 min
Lab File: BF100448.D
Acq: 11 Nov 2017 18:37

Tgt Ion:165 Resp: 25968

Ion	Ratio	Lower	Upper
165	100		
63	2.1	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#



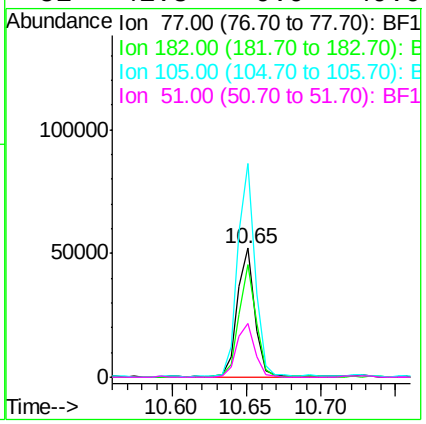


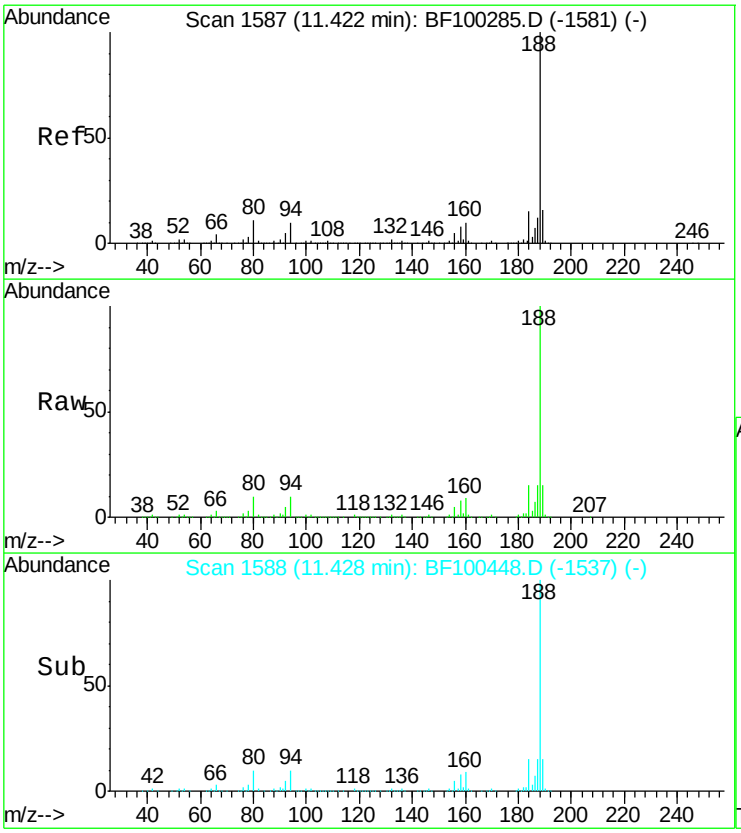
#62
Azobenzene
Concen: 2.97 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.01 min
Lab File: BF100448.D
Acq: 11 Nov 2017 18:37

Instrument :
BNA_F
ClientSampleId :
3N-9

Tgt Ion: 77 Resp: 43924

Ion	Ratio	Lower	Upper
77	100		
182	87.6	1.7	41.7#
105	165.7	3.0	43.0#
51	41.8	9.9	49.9

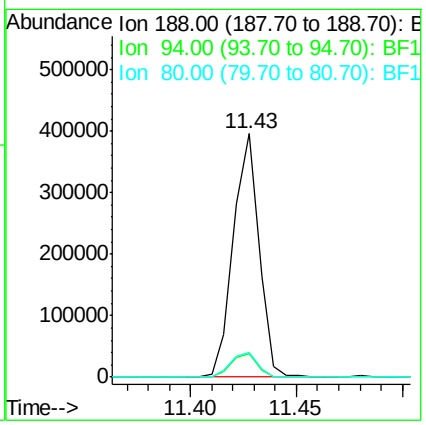


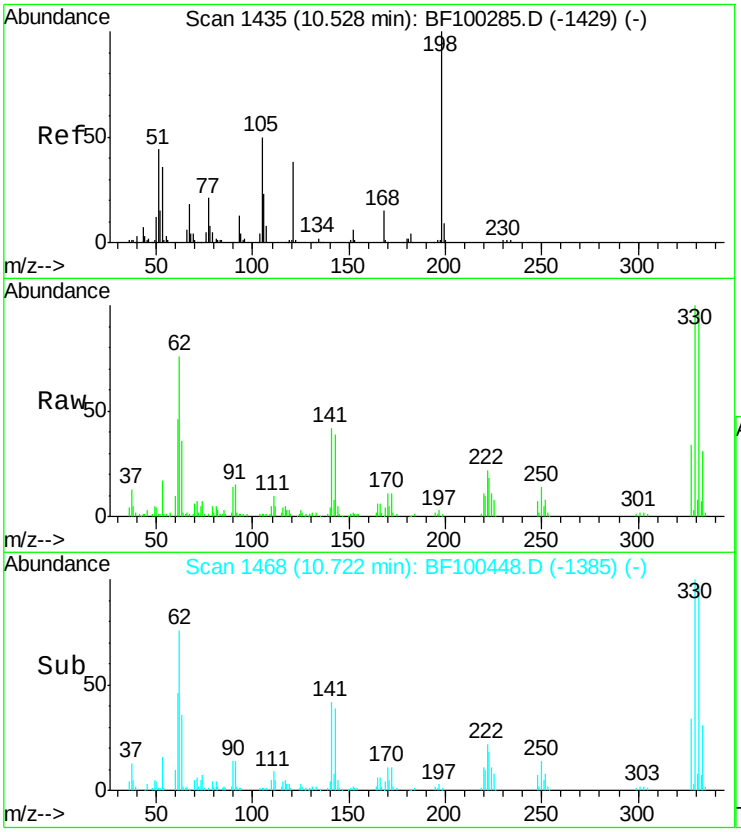


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.00 min
Lab File: BF100448.D
Acq: 11 Nov 2017 18:37

Tgt Ion:188 Resp: 330854

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.2	9.2	13.8



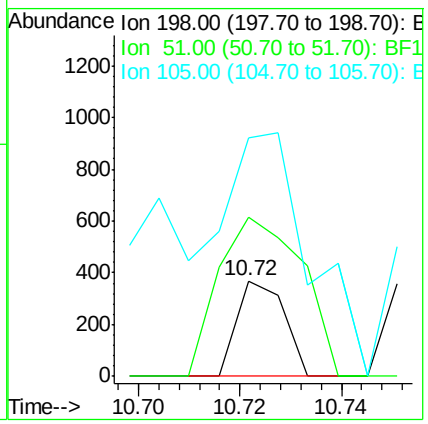


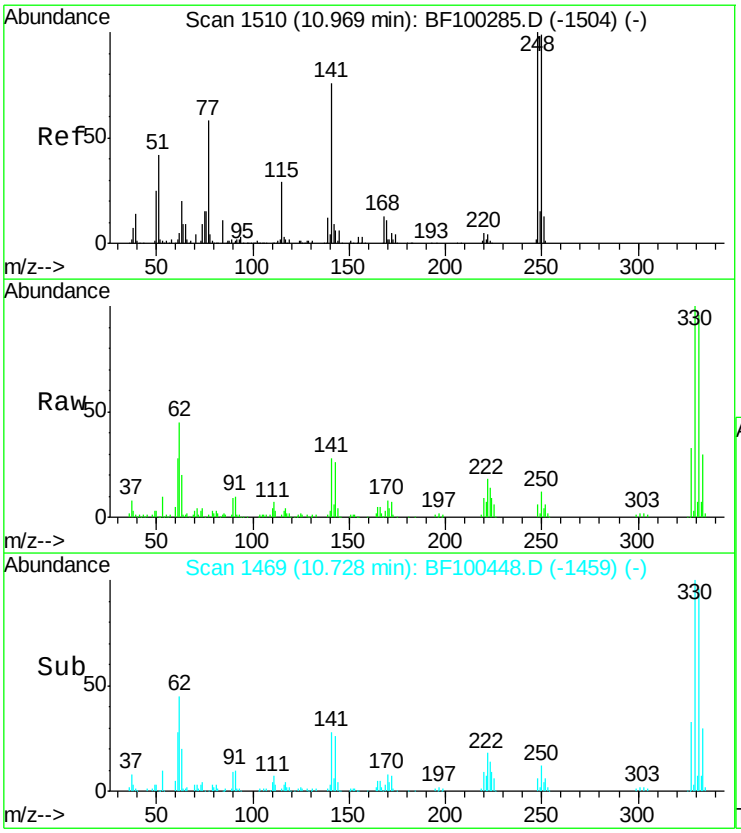
#64
4,6-Dinitro-2-methylphenol
Concen: 8.69 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.19 min
Lab File: BF100448.D
Acq: 11 Nov 2017 18:37

Instrument :
BNA_F
ClientSampleId :
3N-9

Tgt Ion:198 Resp: 241

Ion	Ratio	Lower	Upper
198	100		
51	166.7	37.7	77.7#
105	250.4	36.3	76.3#

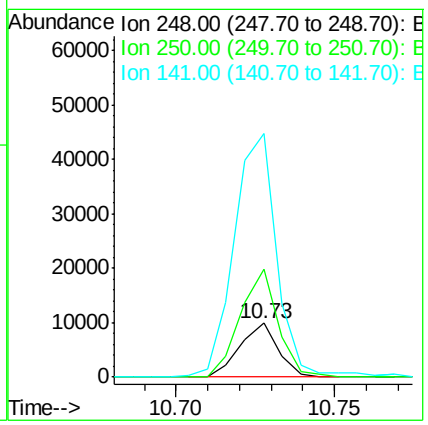


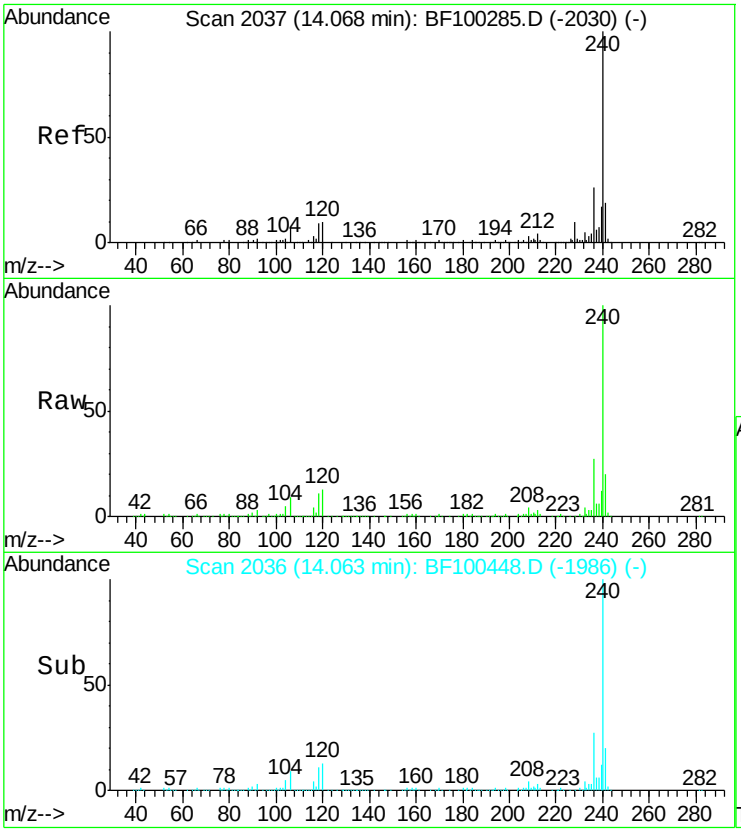


#66
4-Bromophenyl-phenylether
Concen: 2.32 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.24 min
Lab File: BF100448.D
Acq: 11 Nov 2017 18:37

Tgt Ion:248 Resp: 8228

Ion	Ratio	Lower	Upper
248	100		
250	200.3	76.9	115.3#
141	454.3	74.4	111.6#



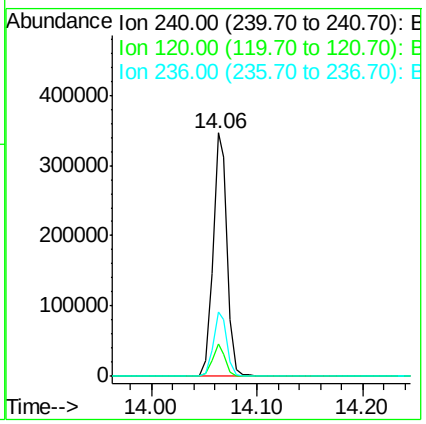


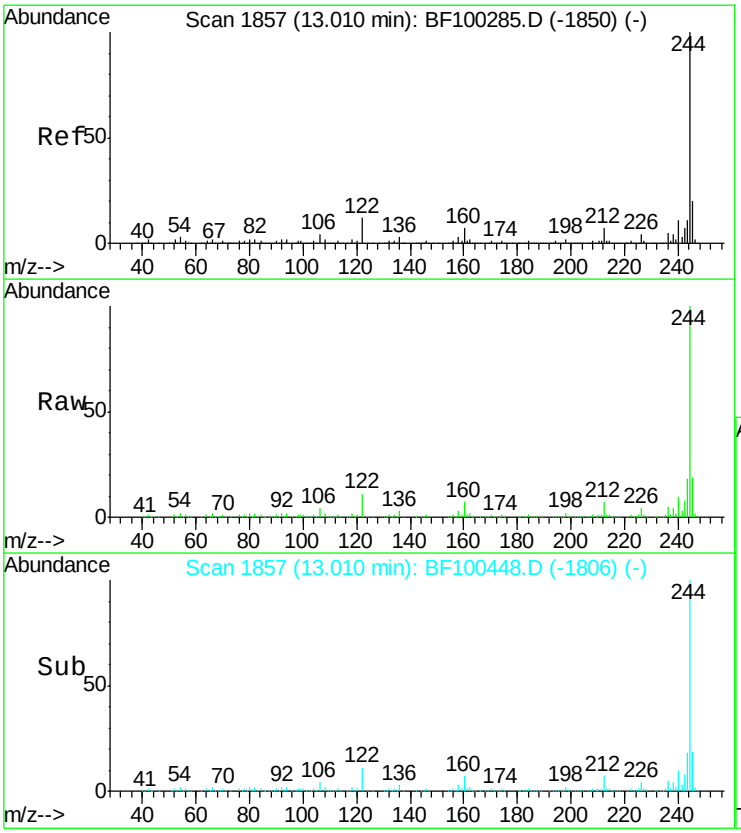
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100448.D
Acq: 11 Nov 2017 18:37

Instrument :
BNA_F
ClientSampleId :
3N-9

Tgt Ion:240 Resp: 327883

Ion	Ratio	Lower	Upper
240	100		
120	13.1	9.5	14.3
236	26.7	20.7	31.1

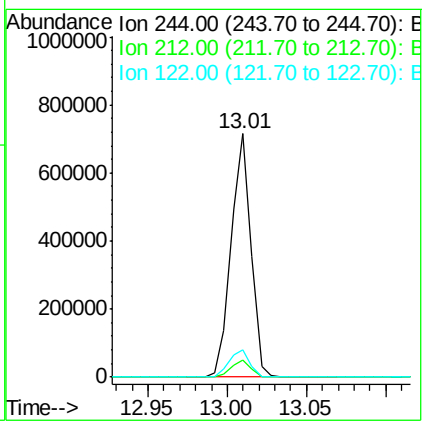


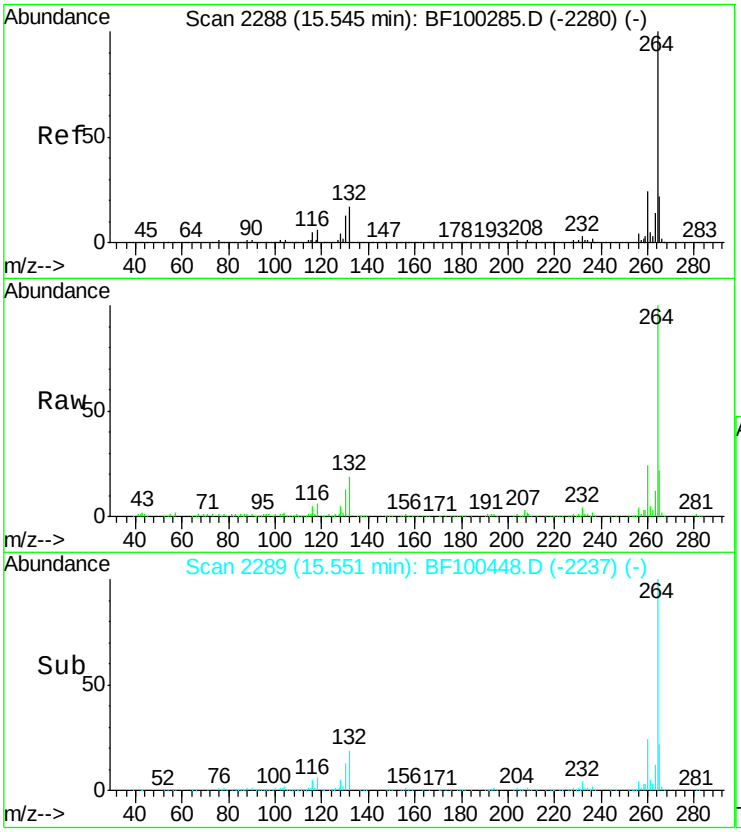


#78
Terphenyl-d14
Concen: 43.47 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.00 min
Lab File: BF100448.D
Acq: 11 Nov 2017 18:37

Tgt Ion:244 Resp: 620351

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.4	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: BF100448.D
Acq: 11 Nov 2017 18:37

Instrument :
BNA_F
ClientSampleId :
3N-9

Tgt Ion:264 Resp: 229950

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.6	17.5	26.3