Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111417\

Quantitation Report (Not Reviewed)

Data File : BF100545.D
Acq On : 14 Nov 2017 16:27
Operator : SJ/JU
Sample : I6389-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3N-20

Quant Time: Nov 15 00:52:31 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 14 14:17:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	152472	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	580982	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	231276	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	371212	20.00	ng		0.00
75) Chrysene-d12	14.04	240	310253	20.00	ng		0.00
86) Perylene-d12	15.52	264	223271	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	758113	79.70	ng		0.00
7) Phenol-d6	6.51	99	946965	80.74	ng		0.00
23) Nitrobenzene-d5	7.45	82	551880	62.80	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	159459	67.66	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	901109	59.33	ng		0.00
78) Terphenyl-d14	12.99	244	645526	47.81	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.43	77	67271	8.03	ng		99
10) Phenol	6.52	94	48126	3.91	ng		98
19) n-Nitroso-di-n-propylamine	7.45	70	73373	9.02	ng	#	82
25) Isophorone	7.45	82	551873	29.88	ng	#	64
27) 2,4-Dimethylphenol	7.87	122	18895	2.28	ng	#	4
32) Benzoic acid	7.87	122	18895	11.77	ng		98
47) 2-Nitroaniline	9.39	65	608	2.92	ng	#	22
49) Dimethylphthalate	9.63	163	89818	5.09	ng		100
50) 2,6-Dinitrotoluene	9.92	165	29263	8.37	ng	#	26
56) 2,4-Dinitrotoluene	9.92	165	29263	6.64	ng	#	23
62) Azobenzene	10.63	77	56917	3.42	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.71	198	284	8.69	ng	#	1
66) 4-Bromophenyl-phenylether	10.71	248	9993	2.51	ng	#	1
79) Butylbenzylphthalate	13.45	149	18794	2.08	ng	#	34

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

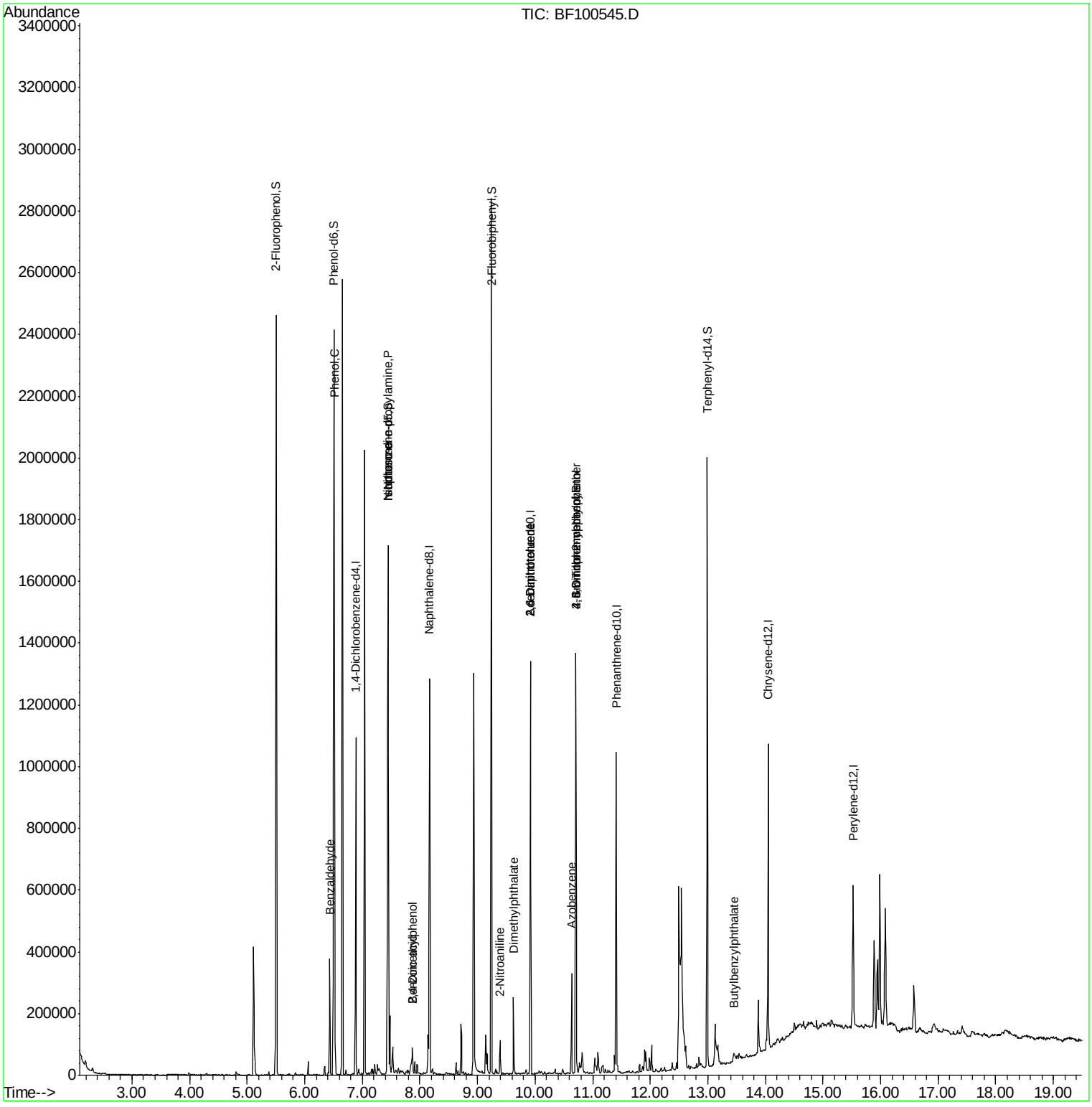
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111417\

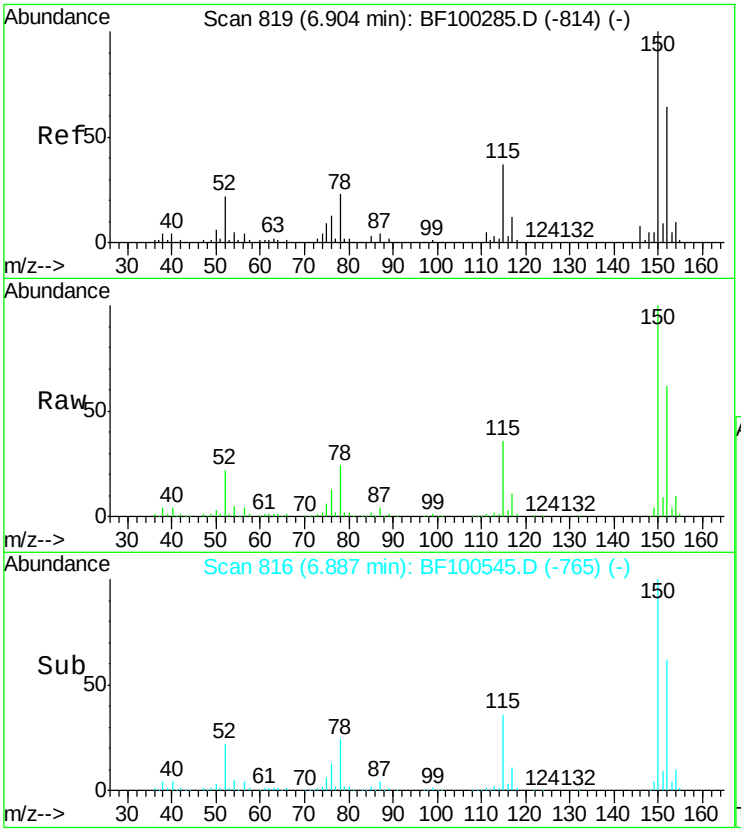
Quantitation Report (Not Reviewed)

Data File : BF100545.D
Acq On : 14 Nov 2017 16:27
Operator : SJ/JU
Sample : I6389-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3N-20

Quant Time: Nov 15 00:52:31 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 14 14:17:16 2017
Response via : Initial Calibration



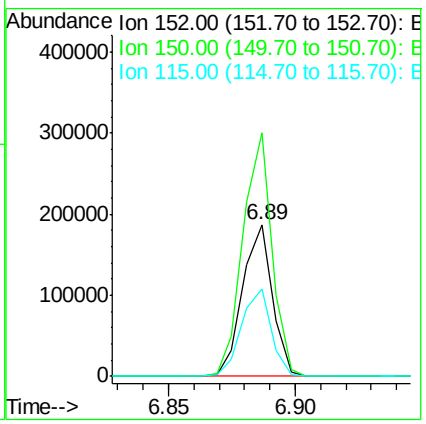


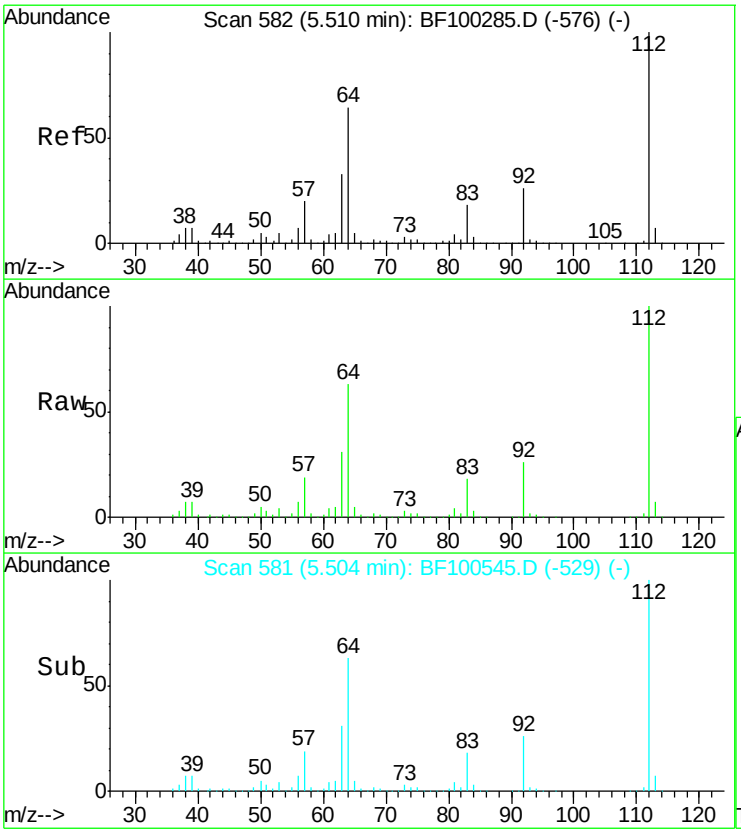
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF100545.D
Acq: 14 Nov 2017 16:27

Instrument :
BNA_F
ClientSampleId :
3N-20

Tgt Ion:152 Resp: 152472

Ion	Ratio	Lower	Upper
152	100		
150	160.3	124.6	186.8
115	58.0	50.1	75.1

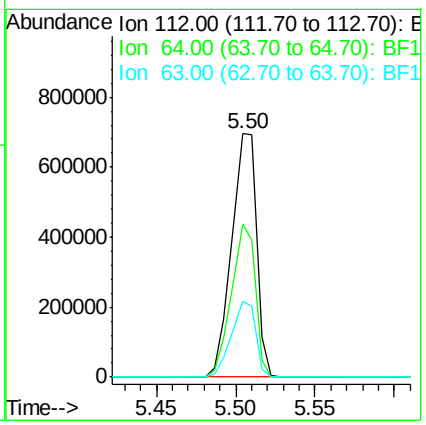


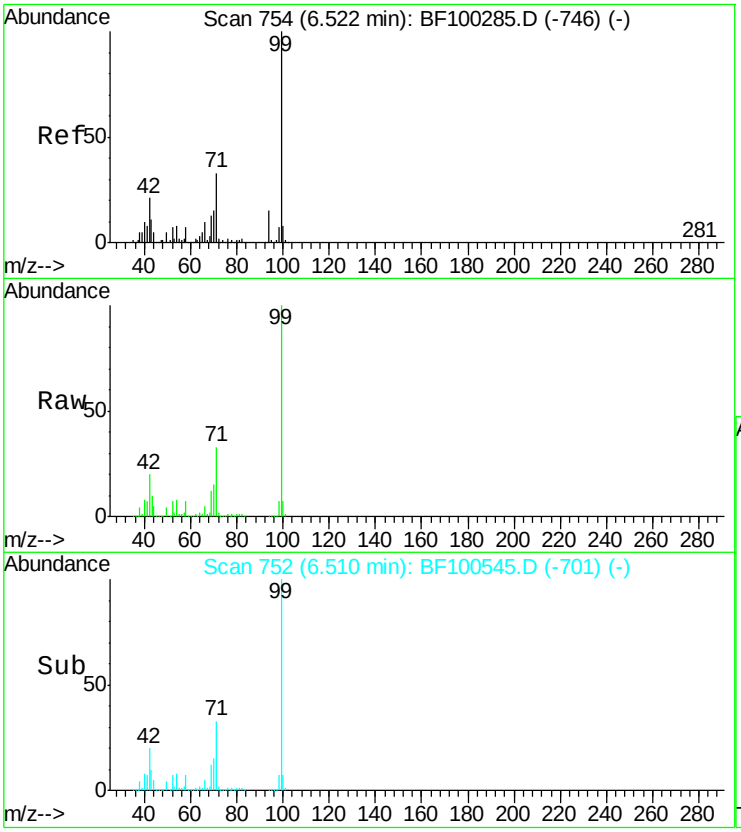


#5
2-Fluorophenol
Concen: 79.70 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF100545.D
Acq: 14 Nov 2017 16:27

Tgt Ion:112 Resp: 758113

Ion	Ratio	Lower	Upper
112	100		
64	62.9	47.9	71.9
63	31.3	23.7	35.5



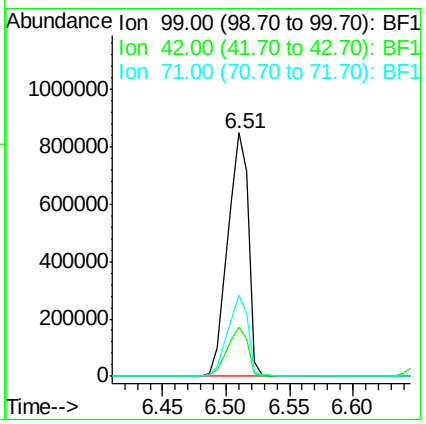


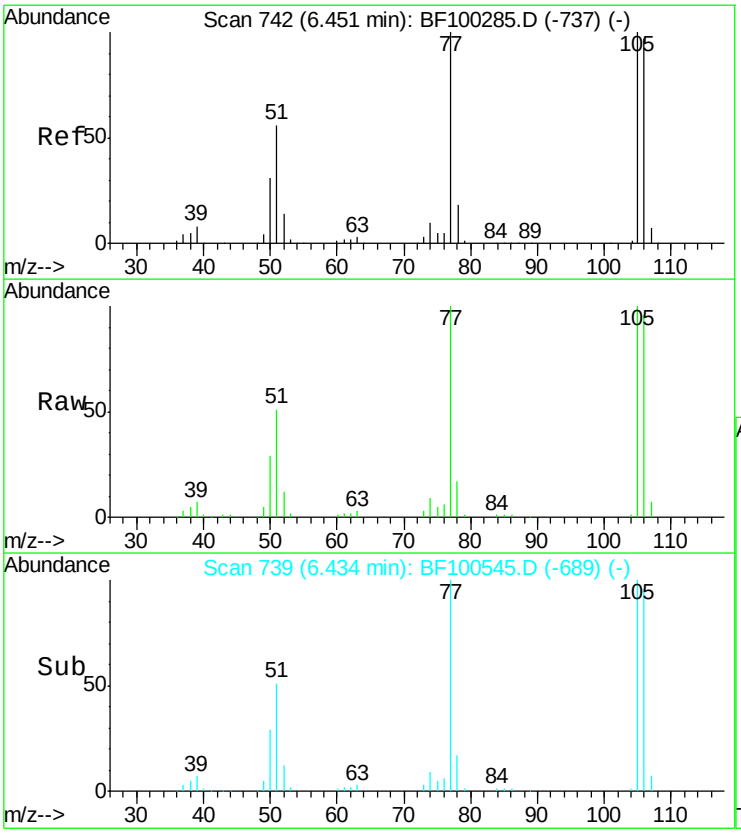
#7
Phenol-d6
Concen: 80.74 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF100545.D
Acq: 14 Nov 2017 16:27

Instrument :
BNA_F
ClientSampleId :
3N-20

Tgt Ion: 99 Resp: 946965

Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.5	21.7
71	33.1	25.4	38.0

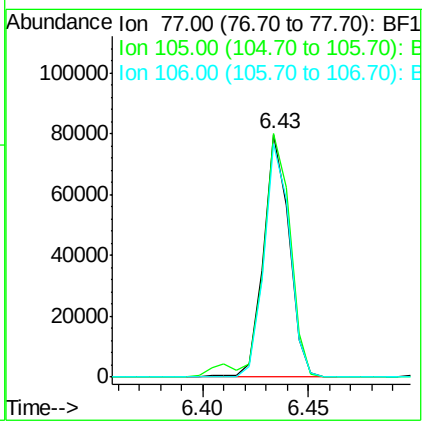


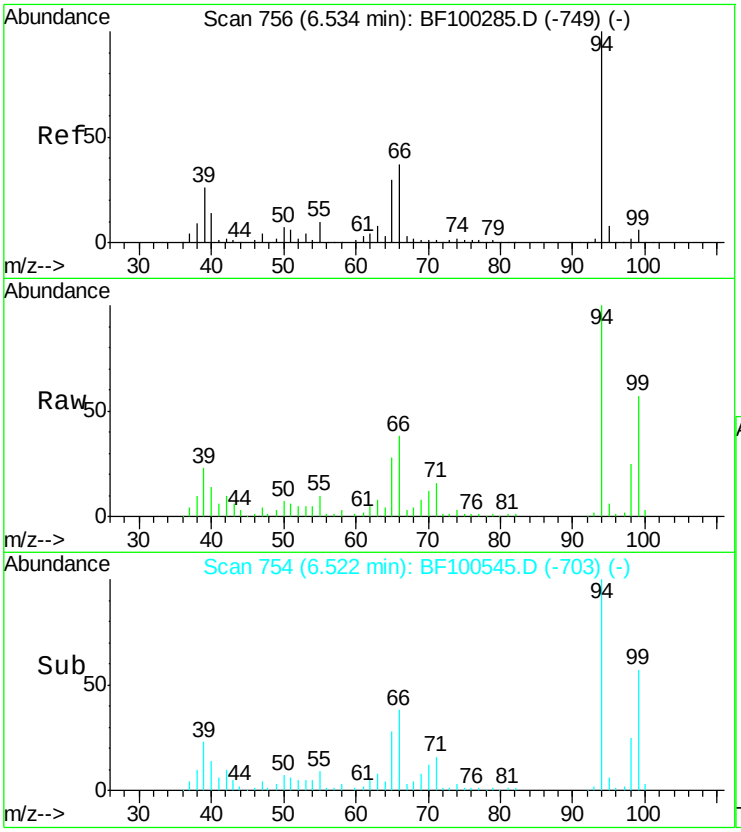


#9
Benzaldehyde
Concen: 8.03 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF100545.D
Acq: 14 Nov 2017 16:27

Tgt Ion: 77 Resp: 67271

Ion	Ratio	Lower	Upper
77	100		
105	100.2	81.1	121.1
106	96.3	74.5	114.5



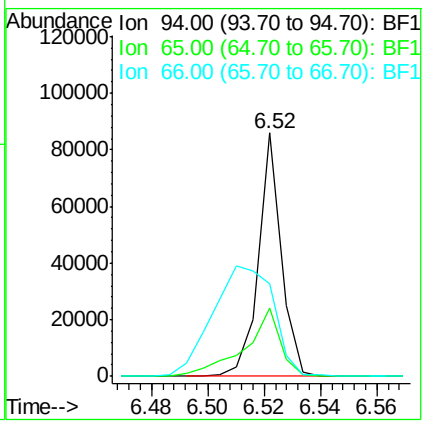


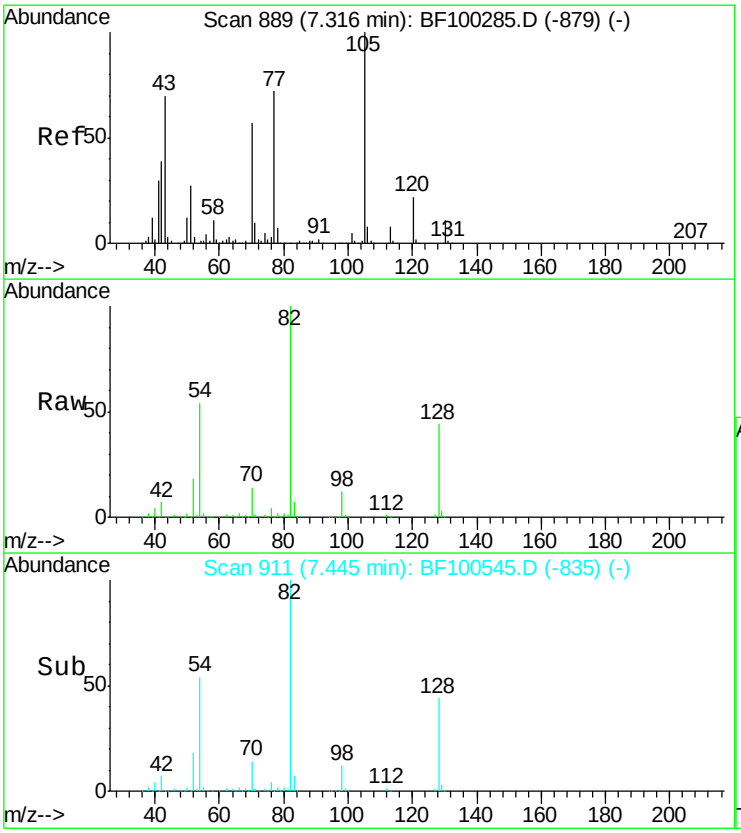
#10
Phenol
Concen: 3.91 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF100545.D
Acq: 14 Nov 2017 16:27

Instrument :
BNA_F
ClientSampleId :
3N-20

Tgt Ion: 94 Resp: 48126

Ion	Ratio	Lower	Upper
94	100		
65	27.9	7.9	47.9
66	37.8	16.2	56.2

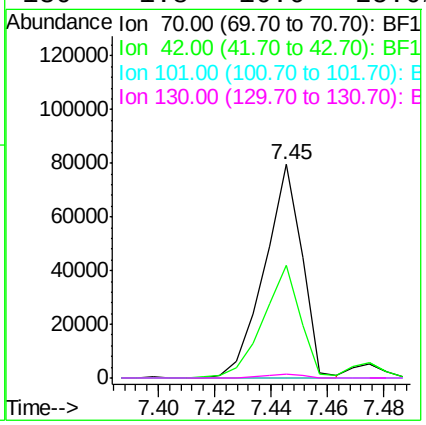


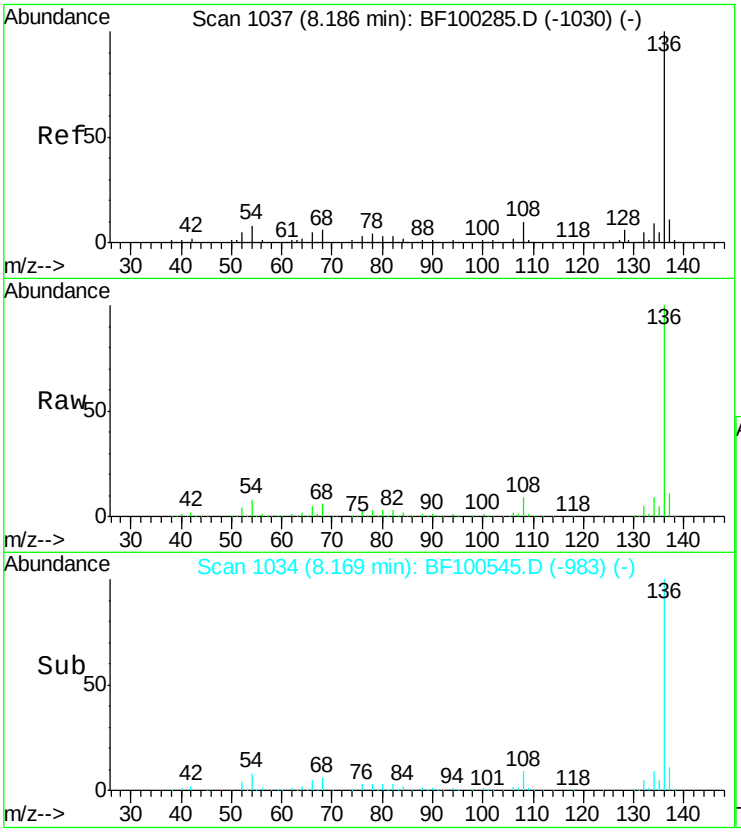


#19
n-Nitroso-di-n-propylamine
Concen: 9.02 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF100545.D
Acq: 14 Nov 2017 16:27

Tgt Ion: 70 Resp: 73373

Ion	Ratio	Lower	Upper
70	100		
42	52.8	47.5	71.3
101	0.0	7.4	11.2#
130	1.8	16.6	25.0#



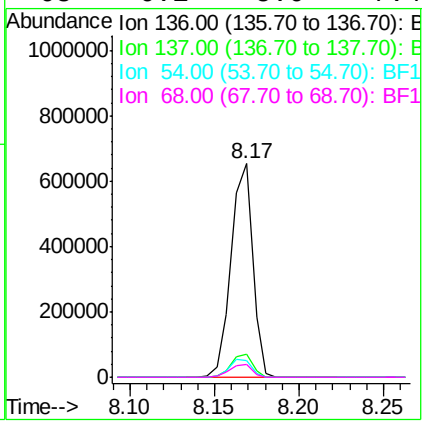


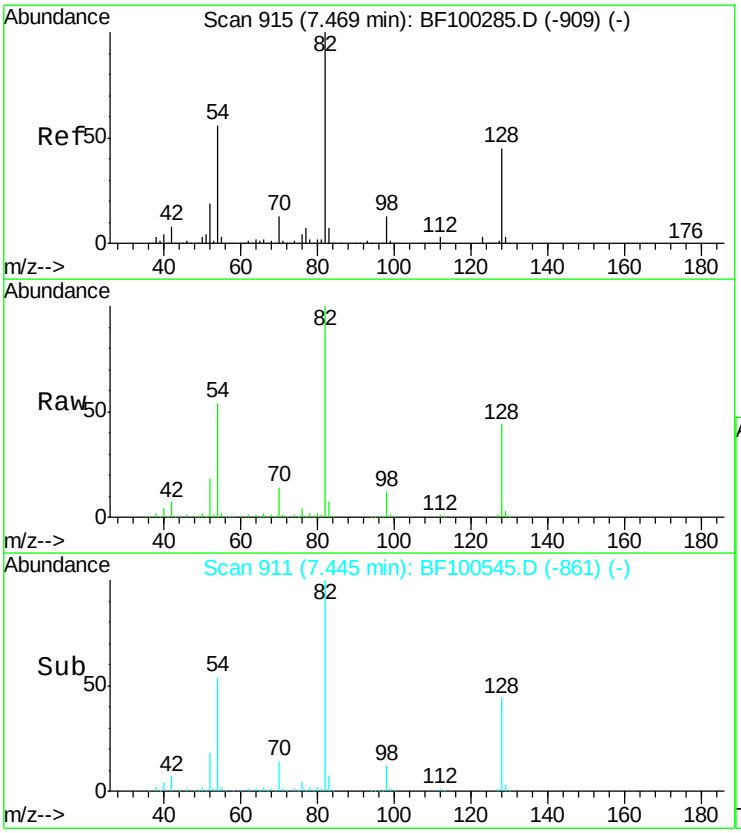
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF100545.D
Acq: 14 Nov 2017 16:27

Instrument :
BNA_F
ClientSampleId :
3N-20

Tgt Ion:136 Resp: 580982

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.8	6.6	9.8
68	6.1	5.0	7.4

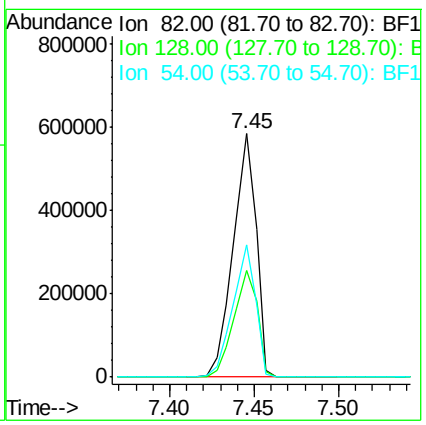


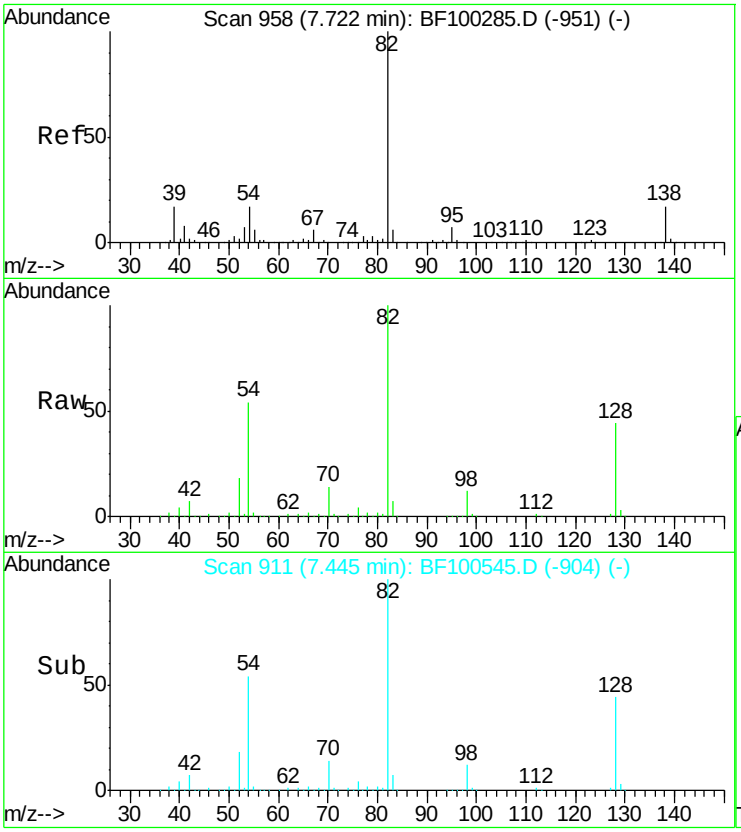


#23
Nitrobenzene-d5
Concen: 62.80 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100545.D
Acq: 14 Nov 2017 16:27

Tgt Ion: 82 Resp: 551880

Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.1	54.1
54	54.2	41.4	62.2



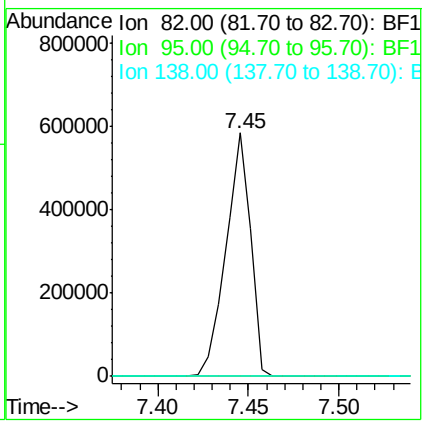


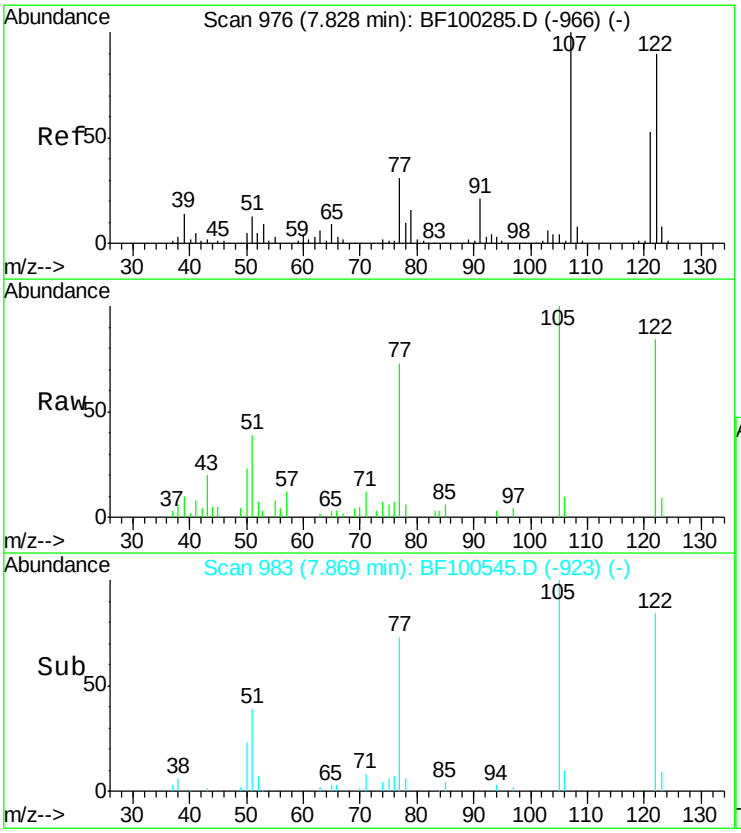
#25
Isophorone
Concen: 29.88 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF100545.D
Acq: 14 Nov 2017 16:27

Instrument :
BNA_F
ClientSampleId :
3N-20

Tgt Ion: 82 Resp: 551873

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#

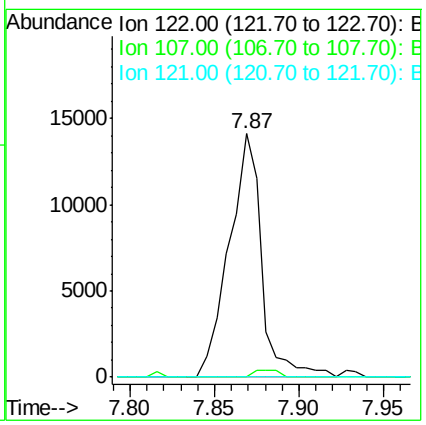


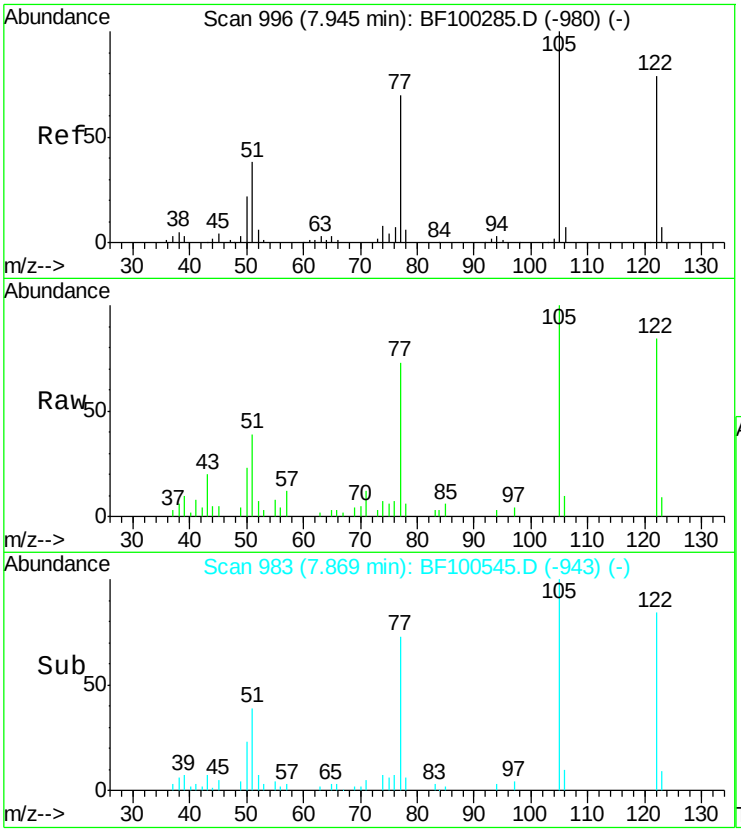


#27
2,4-Dimethylphenol
Concen: 2.28 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.05 min
Lab File: BF100545.D
Acq: 14 Nov 2017 16:27

Tgt Ion:122 Resp: 18895

Ion	Ratio	Lower	Upper
122	100		
107	0.0	91.2	136.8#
121	0.0	47.2	70.8#



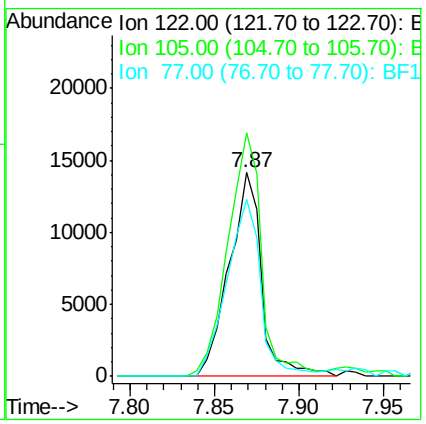


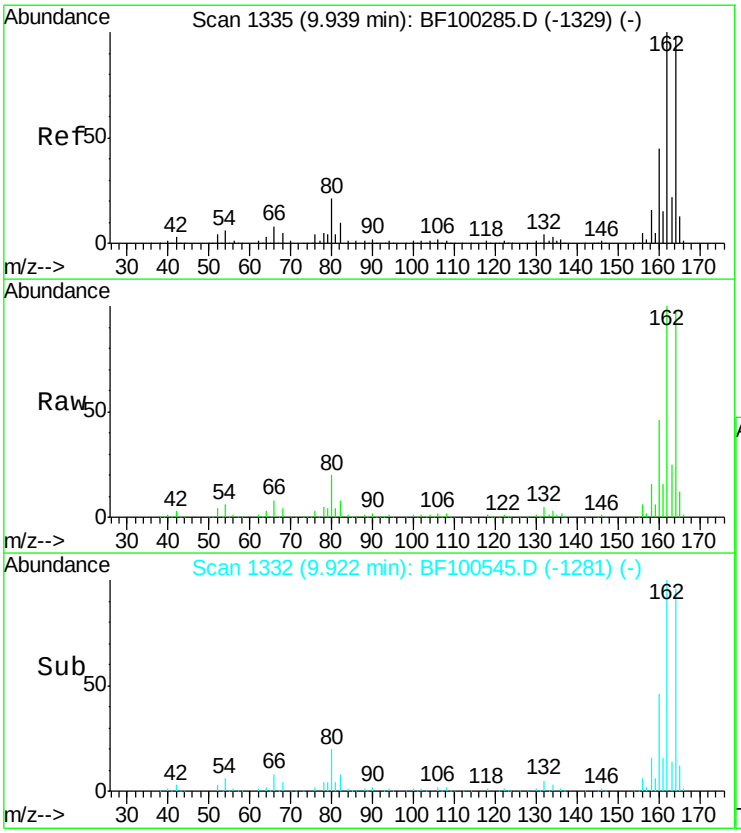
#32
Benzoic acid
Concen: 11.77 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.06 min
Lab File: BF100545.D
Acq: 14 Nov 2017 16:27

Instrument :
BNA_F
ClientSampleId :
3N-20

Tgt Ion:122 Resp: 18895

Ion	Ratio	Lower	Upper
122	100		
105	119.7	101.1	141.1
77	87.2	70.7	110.7

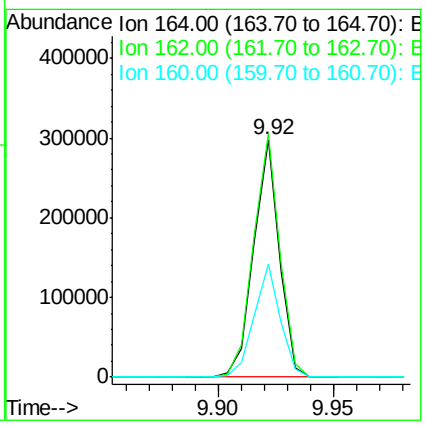


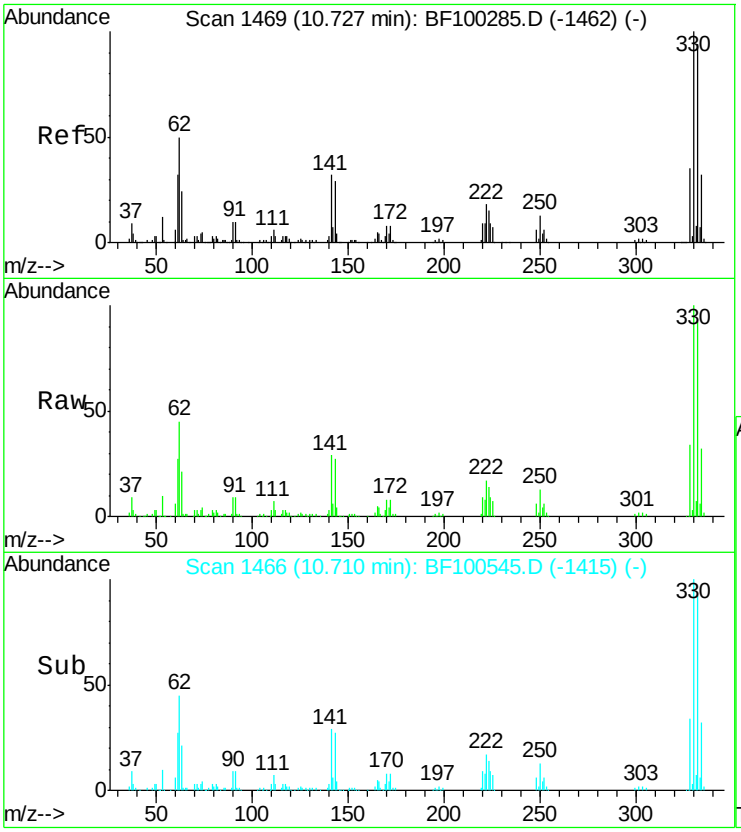


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF100545.D
Acq: 14 Nov 2017 16:27

Tgt Ion:164 Resp: 231276

Ion	Ratio	Lower	Upper
164	100		
162	102.4	86.1	129.1
160	47.4	38.3	57.5



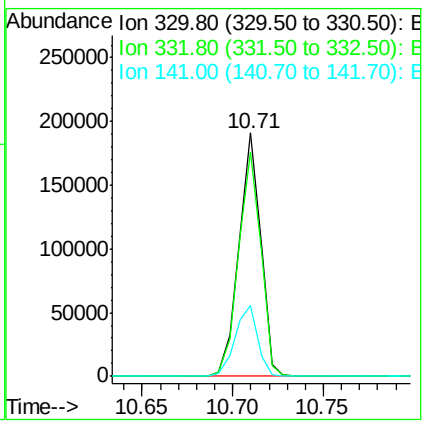


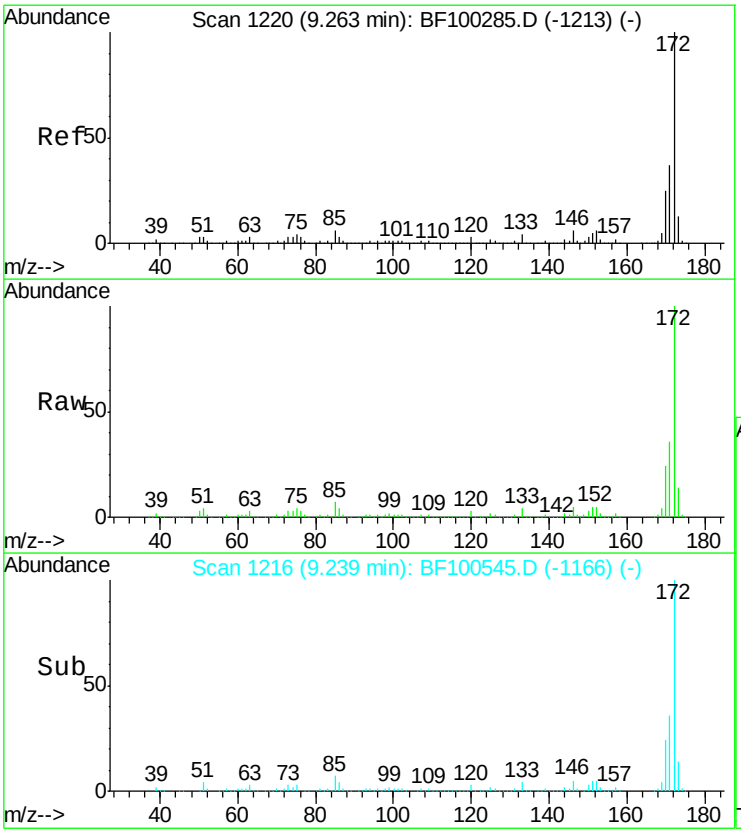
#41
2,4,6-Tribromophenol
Concen: 67.66 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BF100545.D
Acq: 14 Nov 2017 16:27

Instrument :
BNA_F
ClientSampleId :
3N-20

Tgt Ion:330 Resp: 159459

Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.0	115.6
141	30.3	29.9	44.9

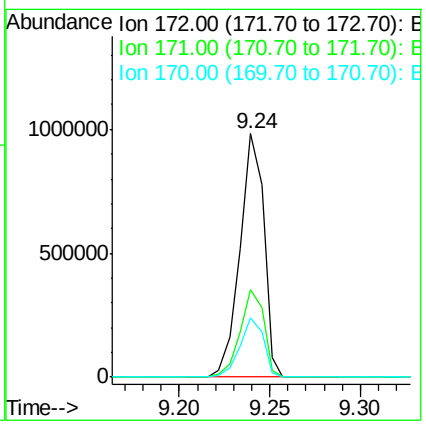


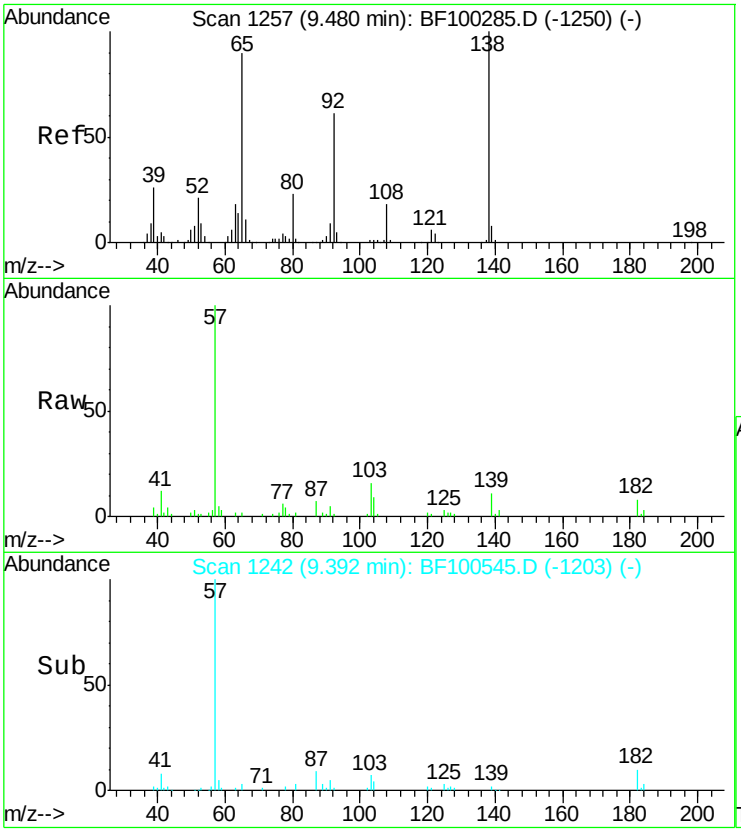


#44
2-Fluorobiphenyl
Concen: 59.33 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF100545.D
Acq: 14 Nov 2017 16:27

Tgt Ion:172 Resp: 901109

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



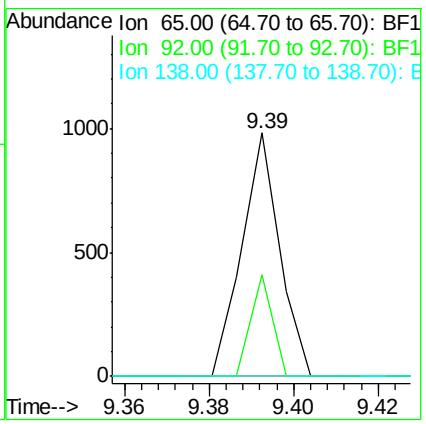


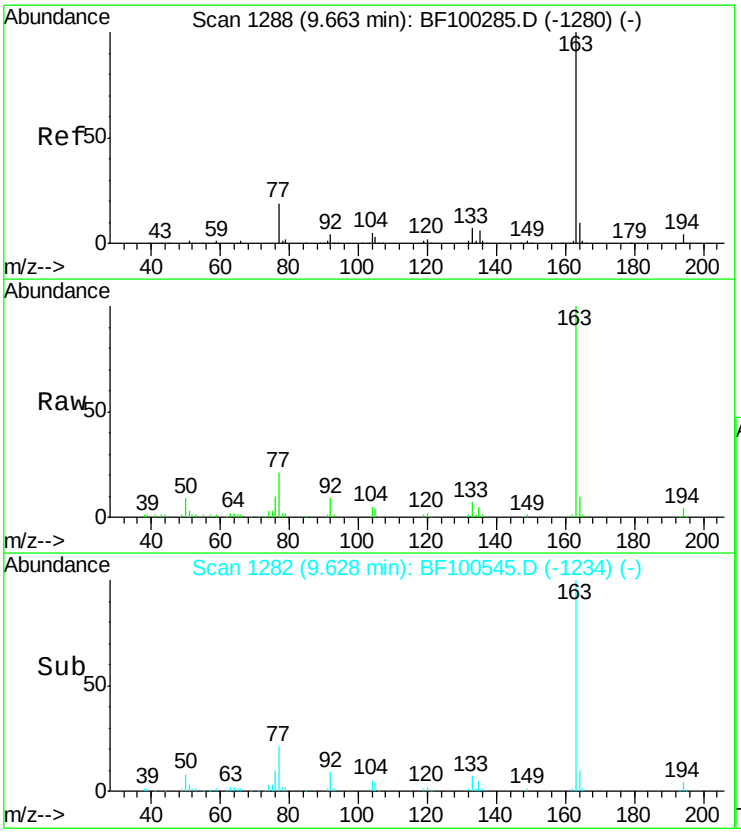
#47
2-Nitroaniline
Concen: 2.92 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.07 min
Lab File: BF100545.D
Acq: 14 Nov 2017 16:27

Instrument :
BNA_F
ClientSampleId :
3N-20

Tgt Ion: 65 Resp: 608

Ion	Ratio	Lower	Upper
65	100		
92	42.0	55.8	83.6#
138	0.0	91.2	136.8#

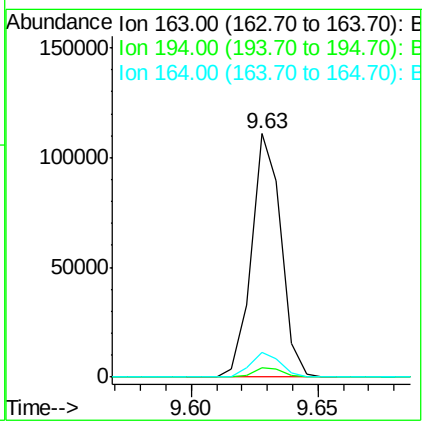


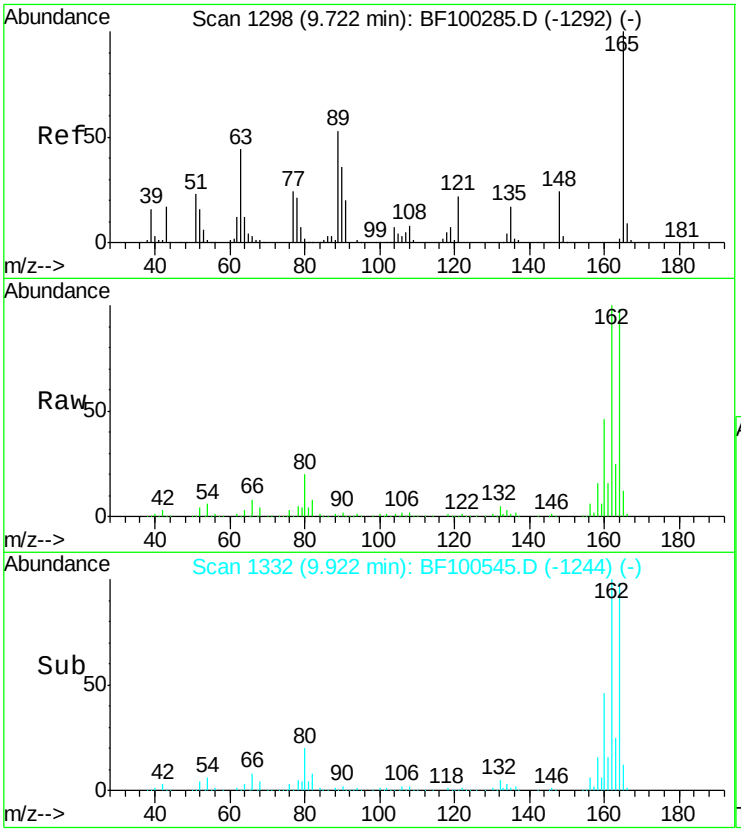


#49
Dimethylphthalate
Concen: 5.09 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF100545.D
Acq: 14 Nov 2017 16:27

Tgt Ion:163 Resp: 89818

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.3	8.2	12.2



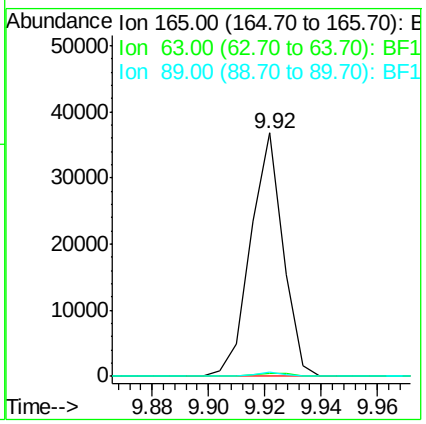


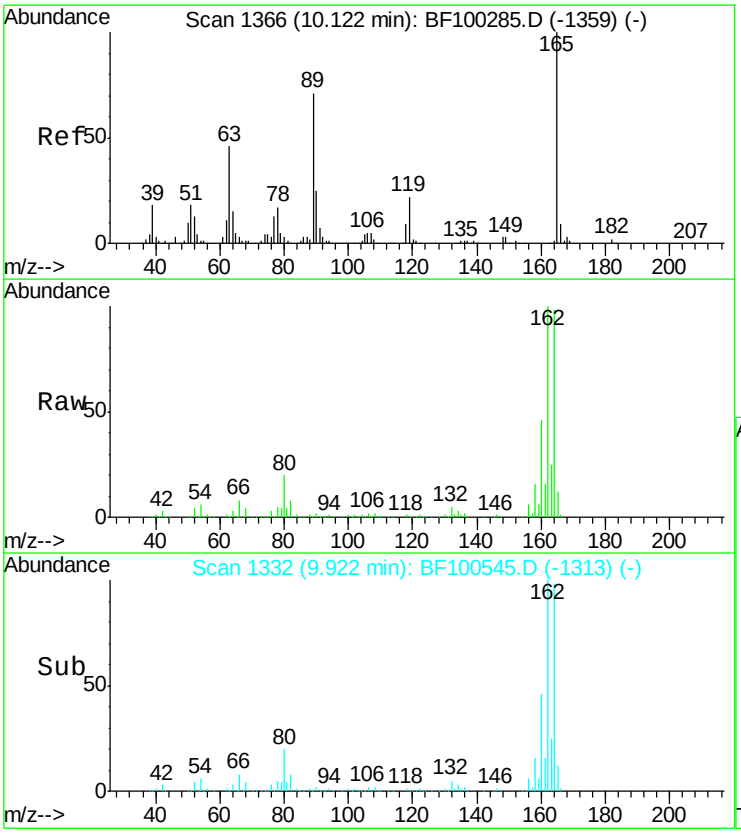
#50
2,6-Dinitrotoluene
Concen: 8.37 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.22 min
Lab File: BF100545.D
Acq: 14 Nov 2017 16:27

Instrument :
BNA_F
ClientSampleId :
3N-20

Tgt Ion:165 Resp: 29263

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.5	44.0	66.0#

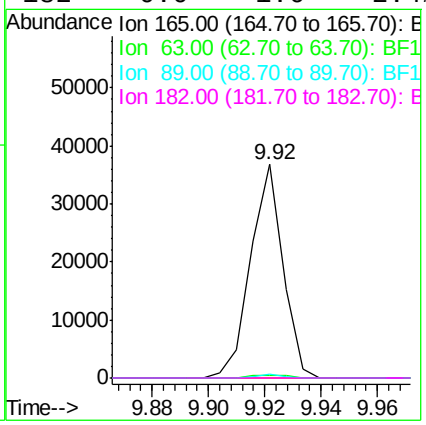


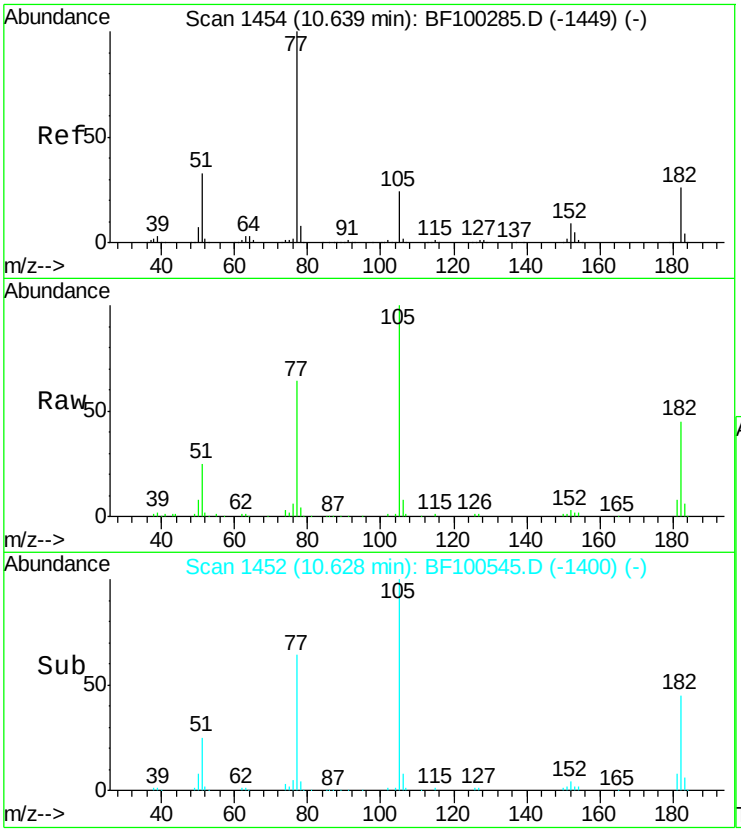


#56
2,4-Dinitrotoluene
Concen: 6.64 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.19 min
Lab File: BF100545.D
Acq: 14 Nov 2017 16:27

Tgt Ion:165 Resp: 29263

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



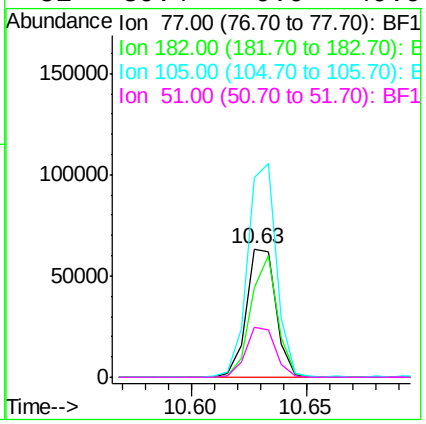


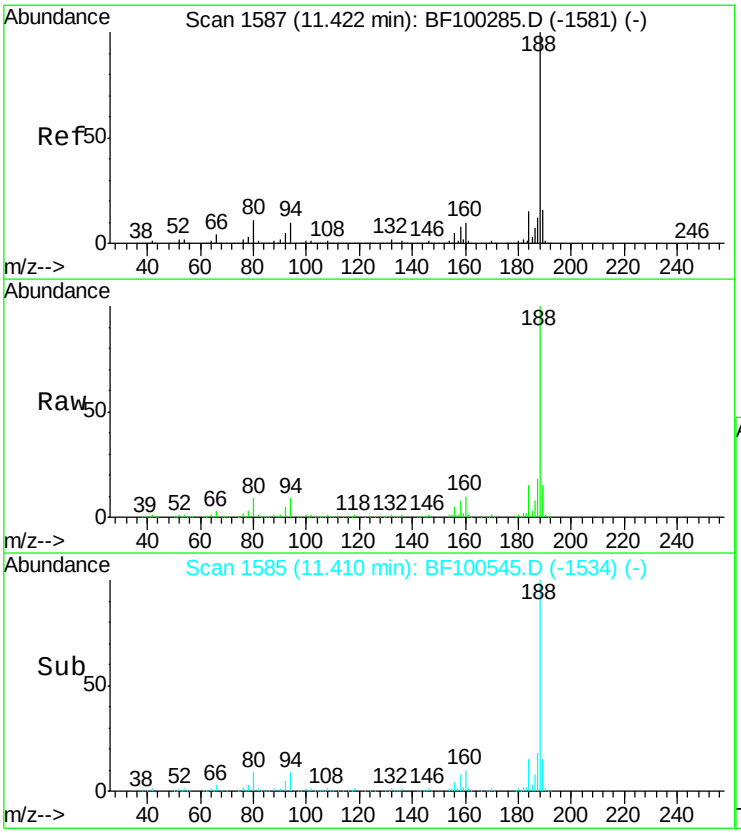
#62
Azobenzene
Concen: 3.42 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF100545.D
Acq: 14 Nov 2017 16:27

Instrument :
BNA_F
ClientSampleId :
3N-20

Tgt Ion: 77 Resp: 56917

Ion	Ratio	Lower	Upper
77	100		
182	70.4	1.7	41.7#
105	156.4	3.0	43.0#
51	39.4	9.9	49.9

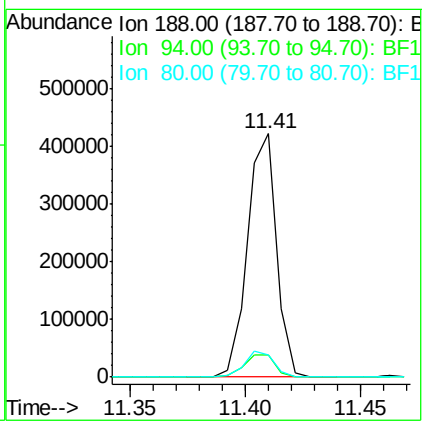


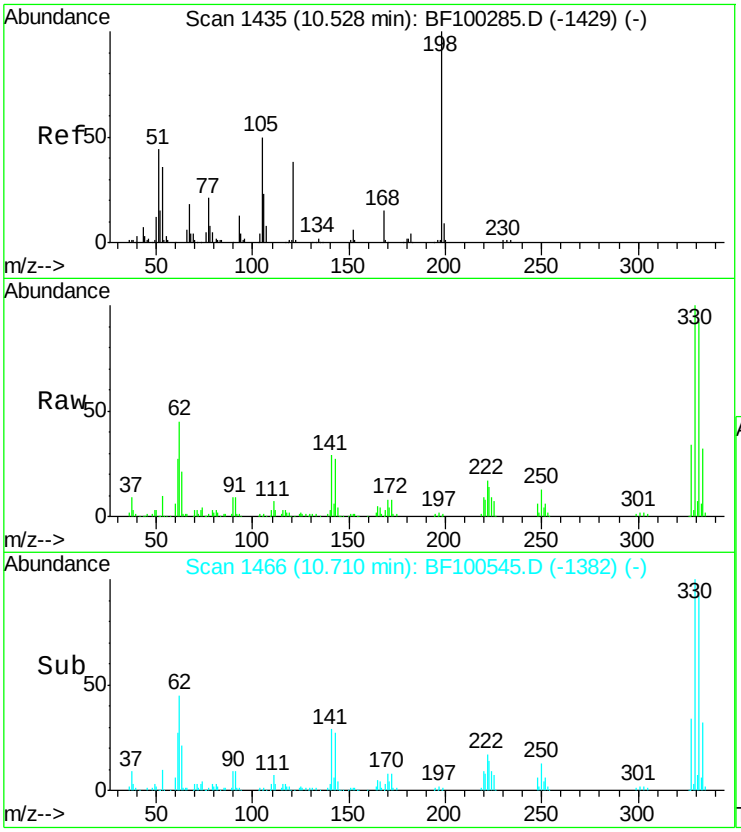


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF100545.D
Acq: 14 Nov 2017 16:27

Tgt Ion:188 Resp: 371212

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.5	12.7
80	9.3	9.2	13.8



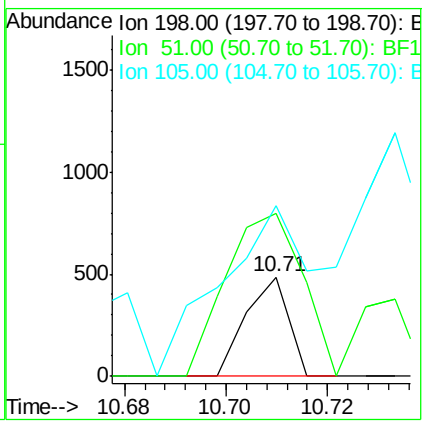


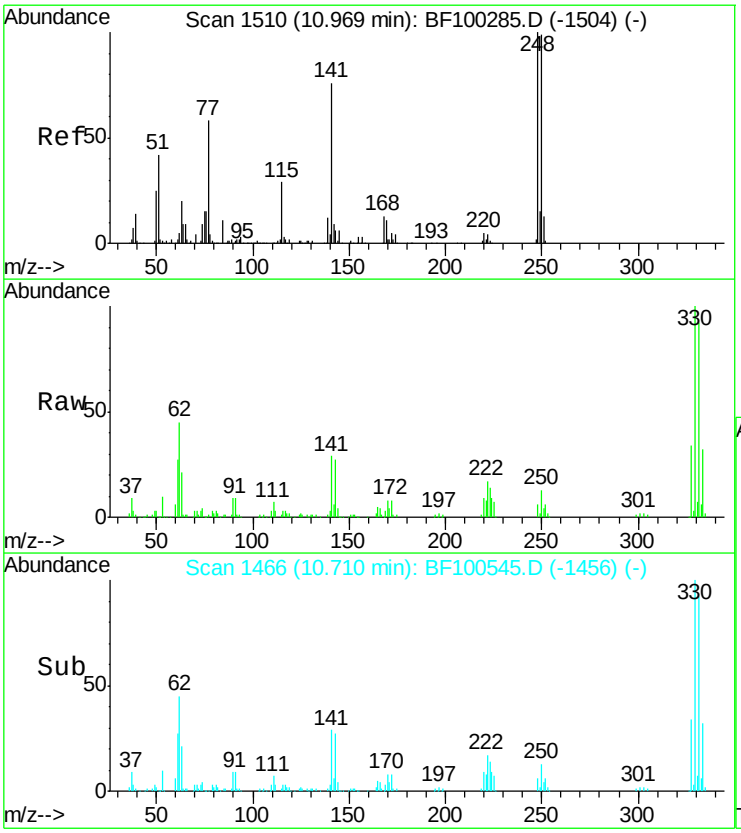
#64
4,6-Dinitro-2-methylphenol
Concen: 8.69 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.19 min
Lab File: BF100545.D
Acq: 14 Nov 2017 16:27

Instrument :
BNA_F
ClientSampleId :
3N-20

Tgt Ion:198 Resp: 284

Ion	Ratio	Lower	Upper
198	100		
51	164.3	37.7	77.7#
105	171.3	36.3	76.3#

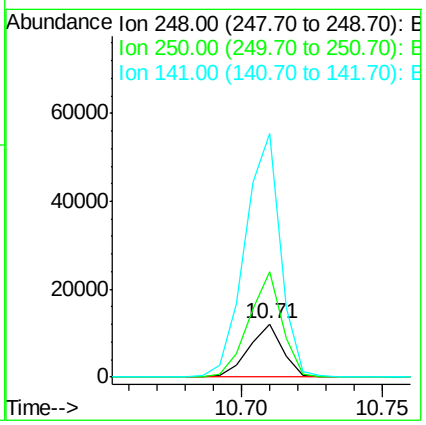


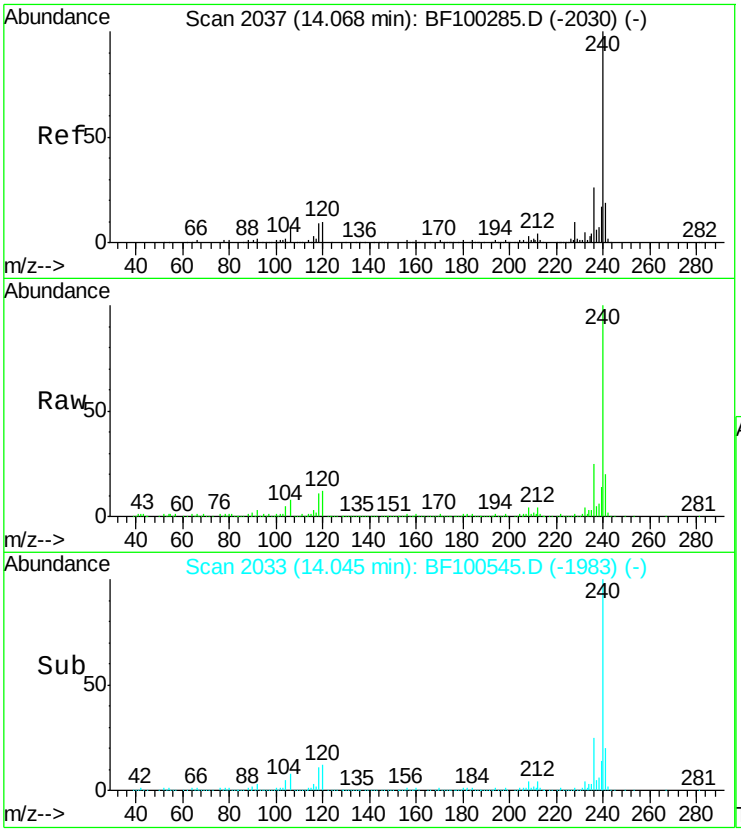


#66
4-Bromophenyl-phenylether
Concen: 2.51 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF100545.D
Acq: 14 Nov 2017 16:27

Tgt Ion:248 Resp: 9993

Ion	Ratio	Lower	Upper
248	100		
250	198.2	76.9	115.3#
141	458.1	74.4	111.6#



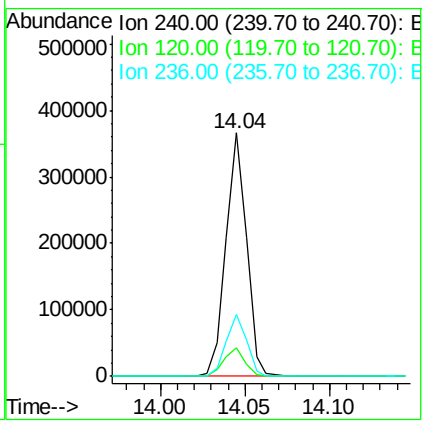


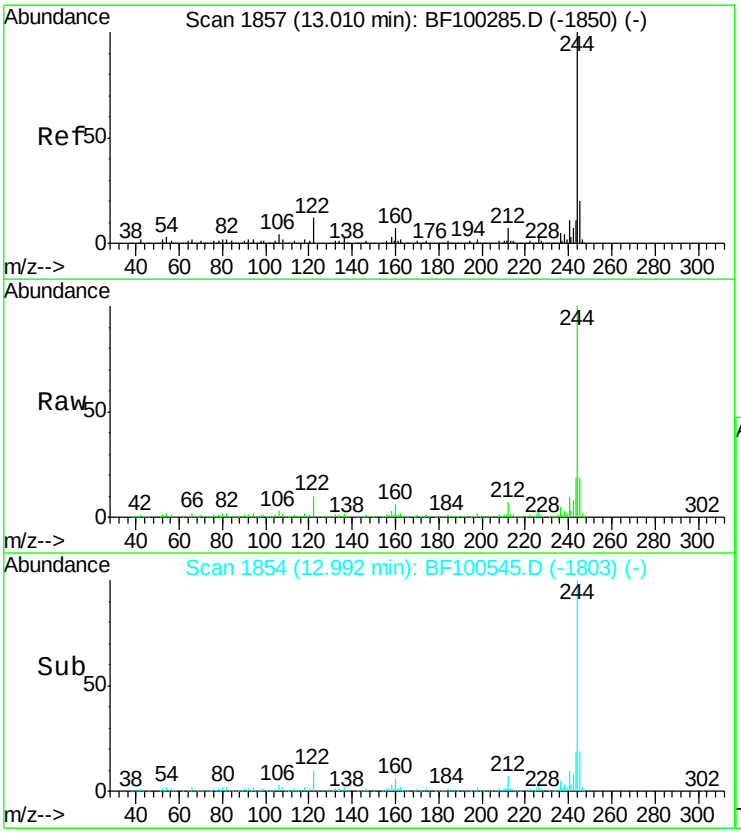
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF100545.D
Acq: 14 Nov 2017 16:27

Instrument :
BNA_F
ClientSampleId :
3N-20

Tgt Ion:240 Resp: 310253

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.5	14.3
236	25.3	20.7	31.1

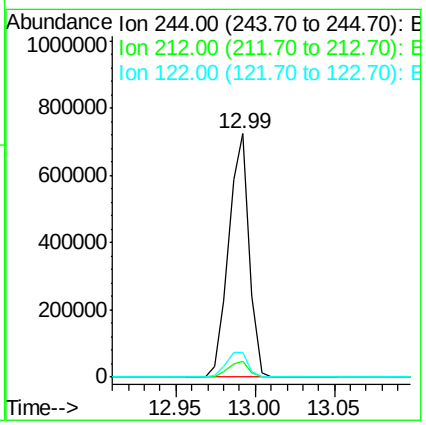


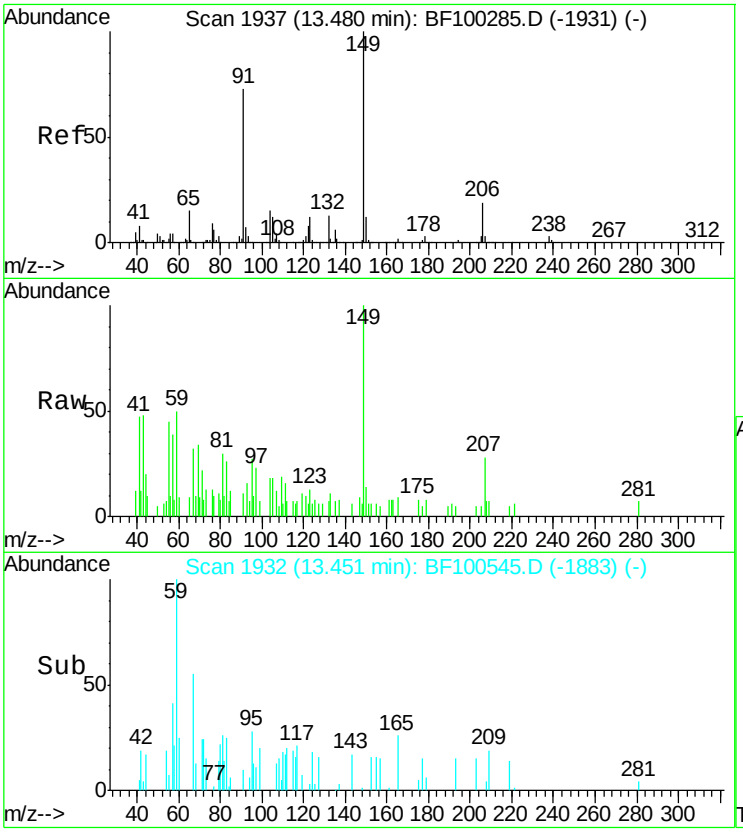


#78
Terphenyl-d14
Concen: 47.81 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BF100545.D
Acq: 14 Nov 2017 16:27

Tgt Ion:244 Resp: 645526

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	10.1	11.0	16.4#



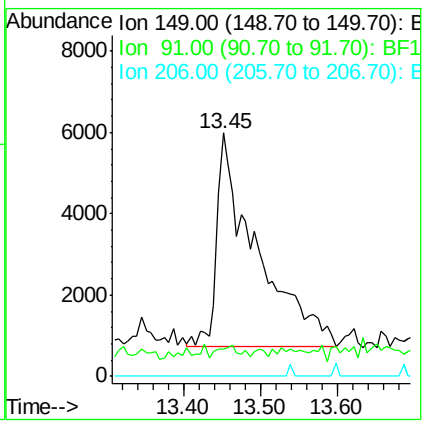


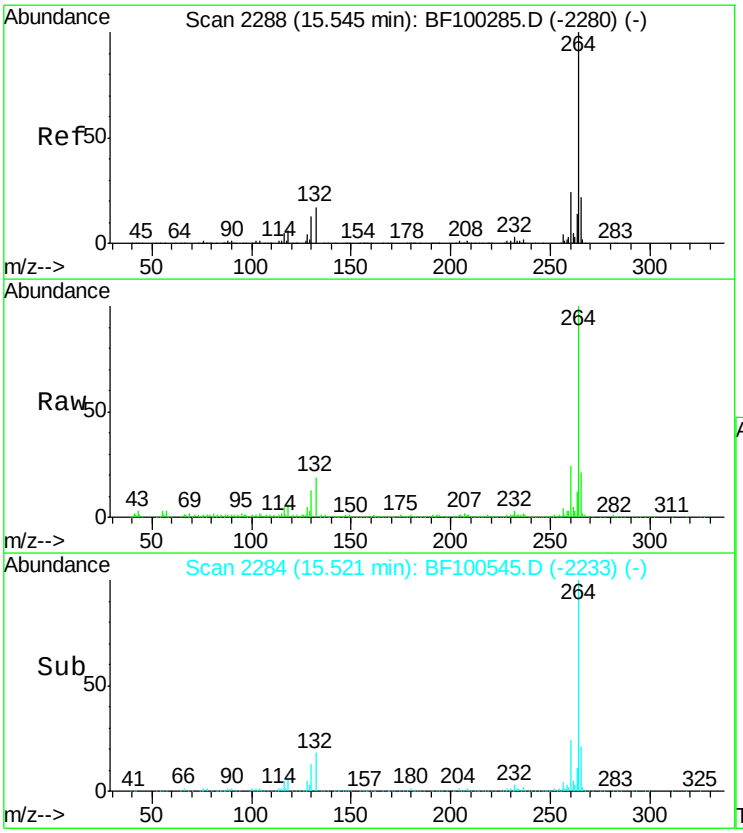
#79
Butylbenzylphthalate
Concen: 2.08 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BF100545.D
Acq: 14 Nov 2017 16:27

Instrument :
BNA_F
ClientSampleId :
3N-20

Tgt Ion:149 Resp: 18794

Ion	Ratio	Lower	Upper
149	100		
91	11.5	56.8	85.2#
206	0.0	14.1	21.1#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BF100545.D
Acq: 14 Nov 2017 16:27

Tgt Ion:264 Resp: 223271

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.0	17.5	26.3