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

Quantitation Report (Not Reviewed)

Data File : BF100453.D
Acq On : 11 Nov 2017 20:51
Operator : SJ/JU
Sample : I6399-27
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-14

Quant Time: Nov 13 01:12:42 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	149042	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	536792	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	209323	20.00	ng		0.00
63) Phenanthrene-d10	11.43	188	333785	20.00	ng		0.00
75) Chrysene-d12	14.06	240	318000	20.00	ng		0.00
86) Perylene-d12	15.55	264	224577	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	535229	57.57	ng		0.00
7) Phenol-d6	6.52	99	401748	35.04	ng		0.00
23) Nitrobenzene-d5	7.47	82	812153	100.03	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	234307	109.85	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	1336700	97.24	ng		0.00
78) Terphenyl-d14	13.01	244	1007368	72.79	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.53	94	36703	3.05	ng		94
19) n-Nitroso-di-n-propylamine	7.47	70	107565	13.53	ng	#	79
25) Isophorone	7.47	82	807281	47.31	ng	#	64
32) Benzoic acid	7.86	122	113	9.39	ng	#	76
47) 2-Nitroaniline	9.38	65	112	2.81	ng	#	2
49) Dimethylphthalate	9.65	163	46026	2.88	ng		99
50) 2,6-Dinitrotoluene	9.94	165	26280	8.31	ng	#	26
51) Acenaphthene	9.97	154	135264	10.22	ng		99
56) 2,4-Dinitrotoluene	9.94	165	26280	6.58	ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.73	198	498	8.81	ng	#	1
66) 4-Bromophenyl-phenylether	10.73	248	14499	4.05	ng	#	1
74) Fluoranthene	12.64	202	46030	2.47	ng		96

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

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

Quantitation Report (Not Reviewed)

Data File : BF100453.D
Acq On : 11 Nov 2017 20:51
Operator : SJ/JU
Sample : I6399-27
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
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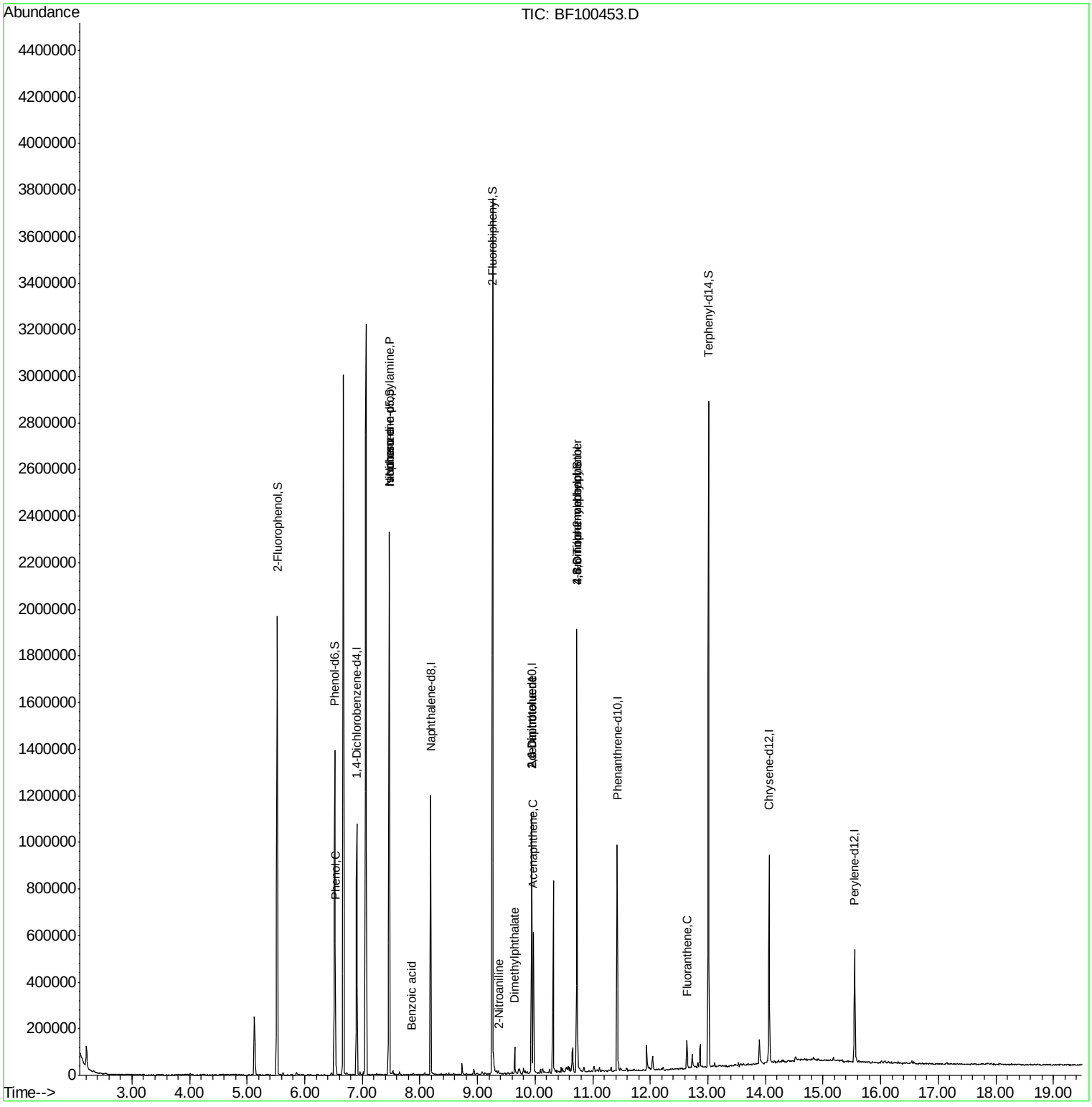
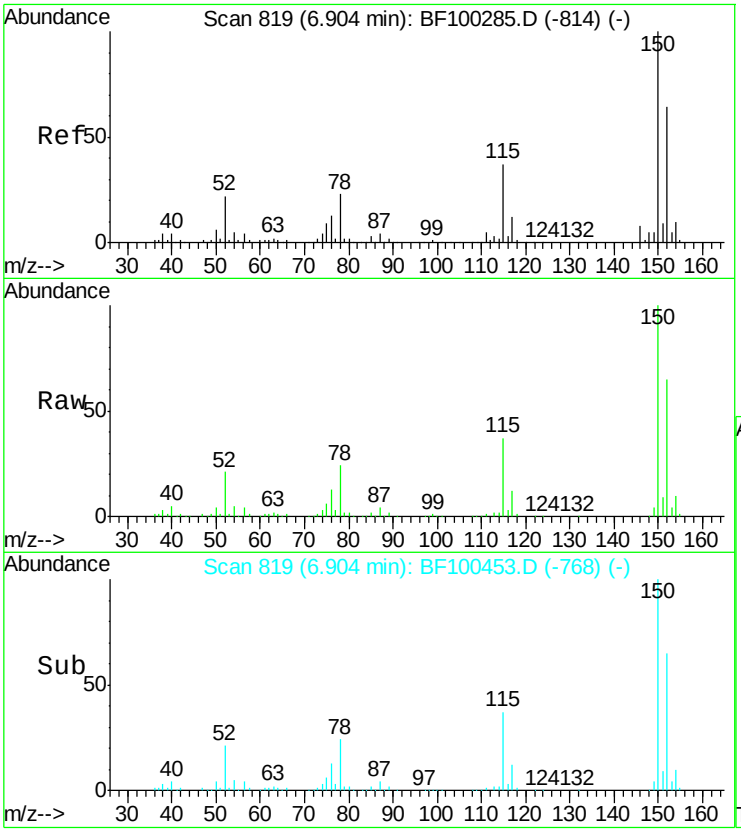


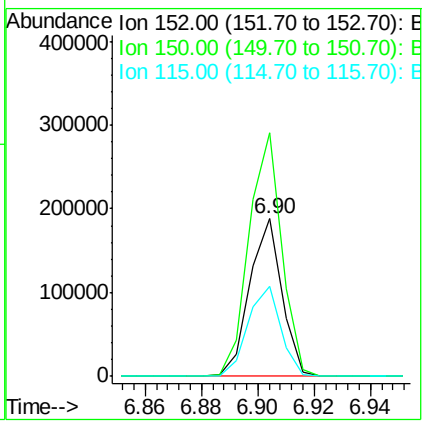


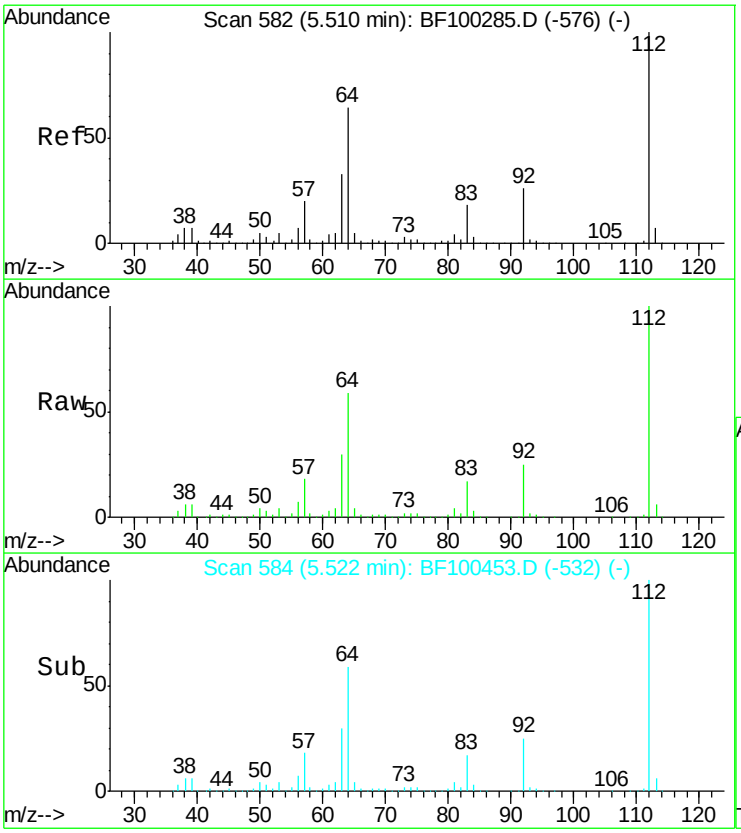
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100453.D
Acq: 11 Nov 2017 20:51

Instrument :
BNA_F
ClientSampleId :
TP-14

Tgt Ion:152 Resp: 149042

Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	57.3	50.1	75.1

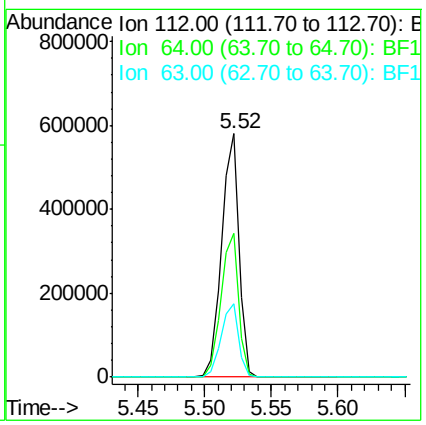


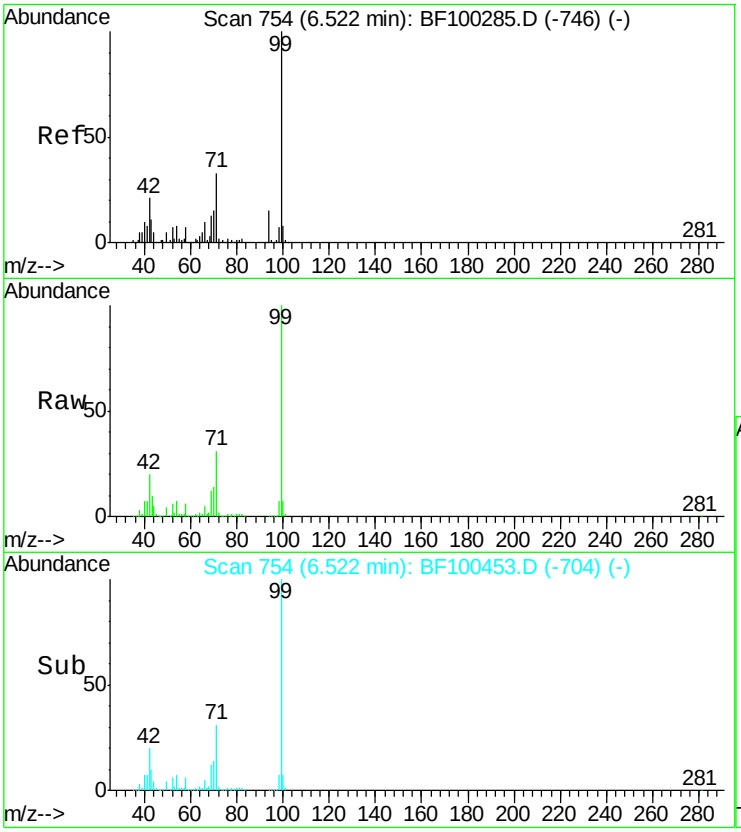


#5
2-Fluorophenol
Concen: 57.57 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF100453.D
Acq: 11 Nov 2017 20:51

Tgt Ion:112 Resp: 535229

Ion	Ratio	Lower	Upper
112	100		
64	58.9	47.9	71.9
63	30.0	23.7	35.5



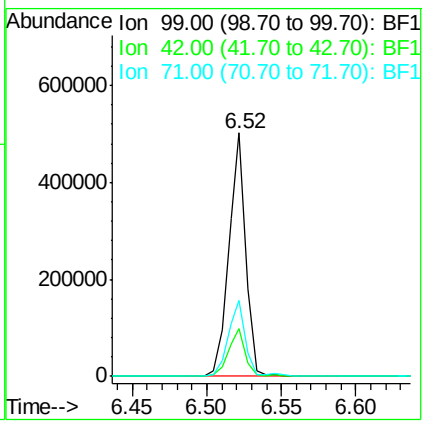


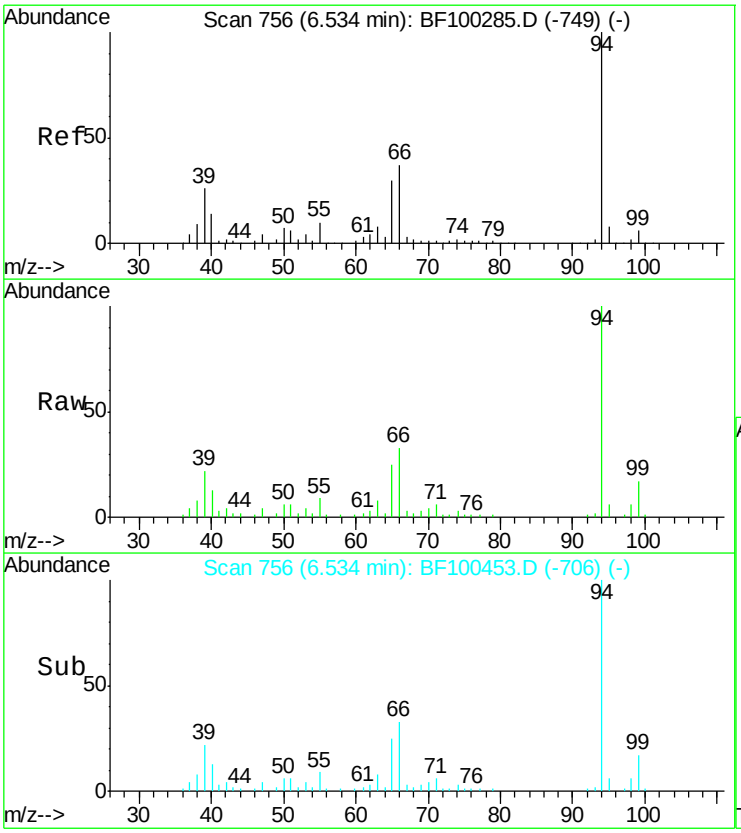
#7
Phenol-d6
Concen: 35.04 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF100453.D
Acq: 11 Nov 2017 20:51

Instrument :
BNA_F
ClientSampleId :
TP-14

Tgt Ion: 99 Resp: 401748

Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.5	21.7
71	31.3	25.4	38.0

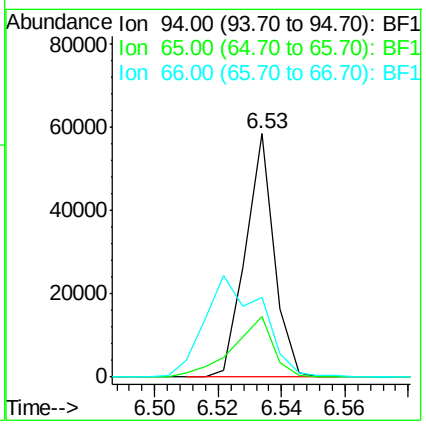


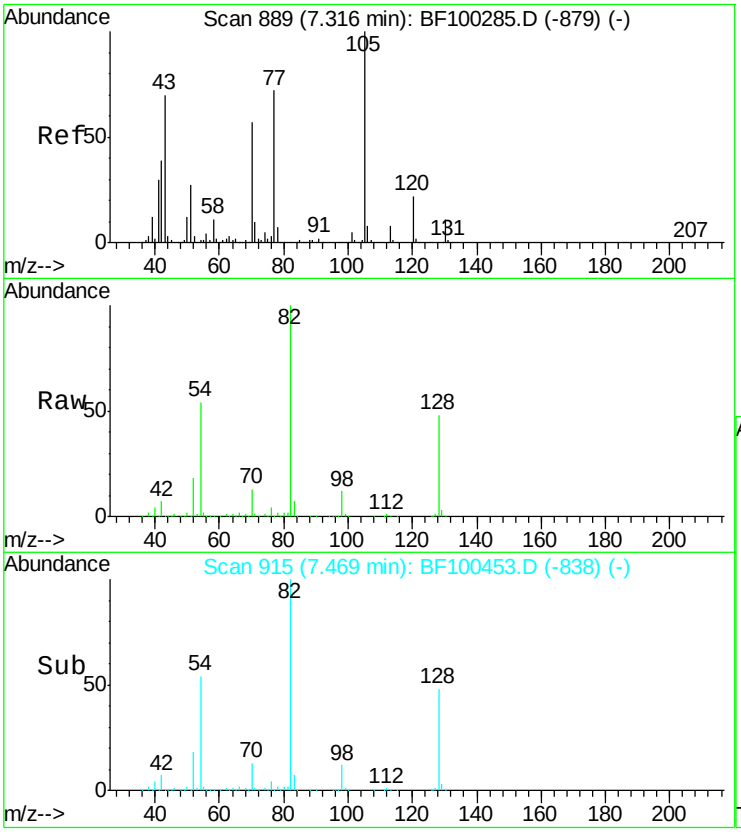


#10
Phenol
Concen: 3.05 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF100453.D
Acq: 11 Nov 2017 20:51

Tgt Ion: 94 Resp: 36703

Ion	Ratio	Lower	Upper
94	100		
65	24.7	7.9	47.9
66	33.0	16.2	56.2



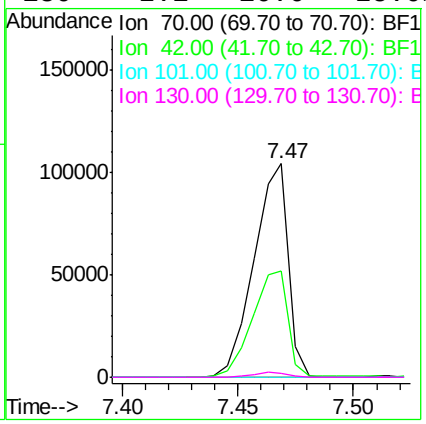


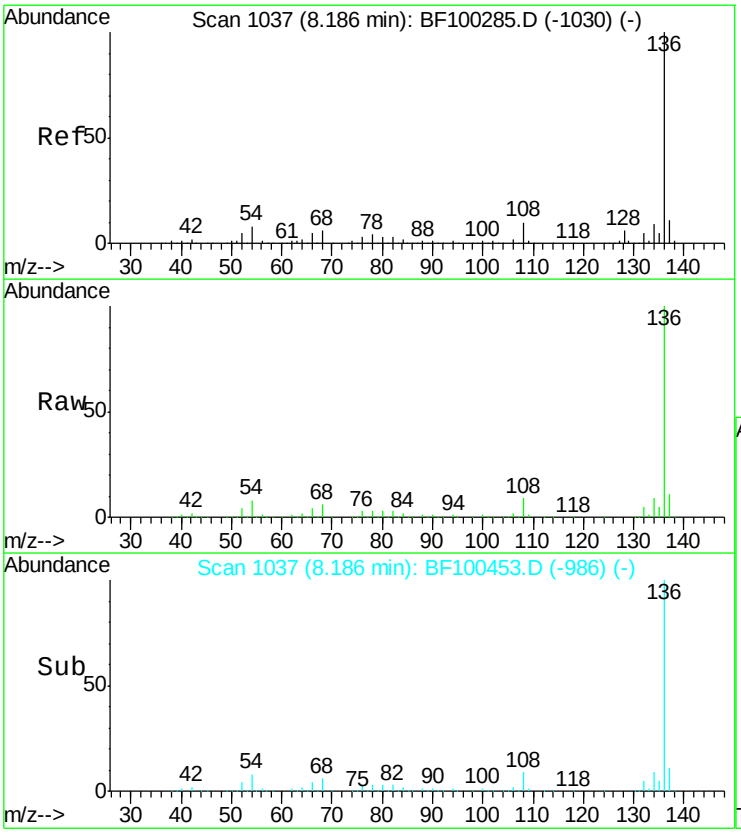
#19
n-Nitroso-di-n-propylamine
Concen: 13.53 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.15 min
Lab File: BF100453.D
Acq: 11 Nov 2017 20:51

Instrument :
BNA_F
ClientSampleId :
TP-14

Tgt Ion: 70 Resp: 107565

Ion	Ratio	Lower	Upper
70	100		
42	49.7	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

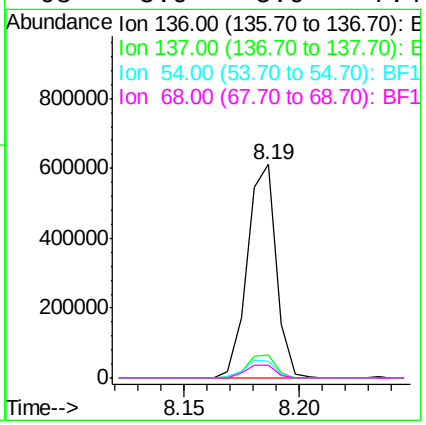


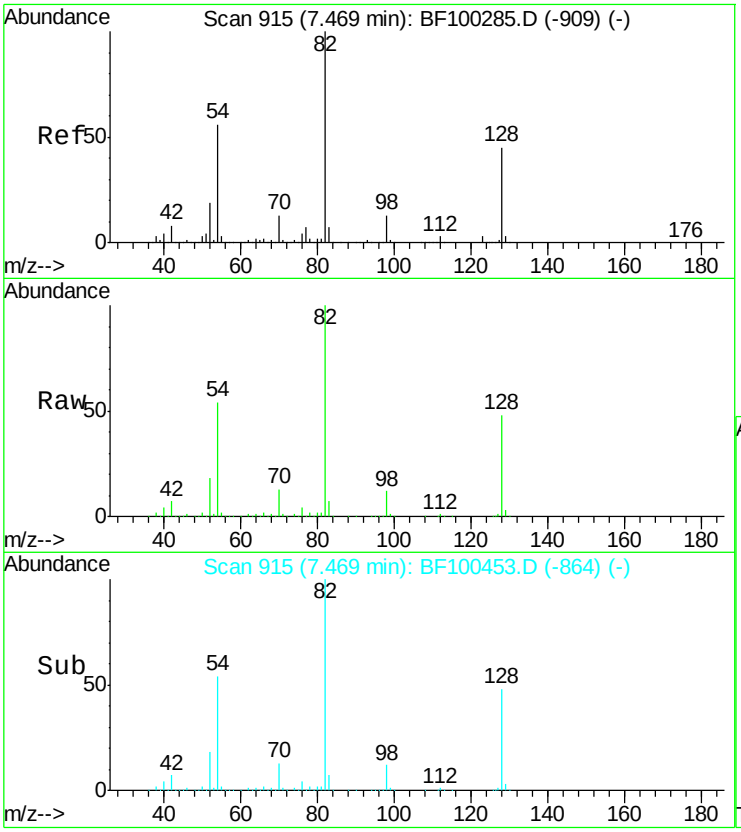


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF100453.D
Acq: 11 Nov 2017 20:51

Tgt Ion:136 Resp: 536792

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	8.0	6.6	9.8
68	5.9	5.0	7.4



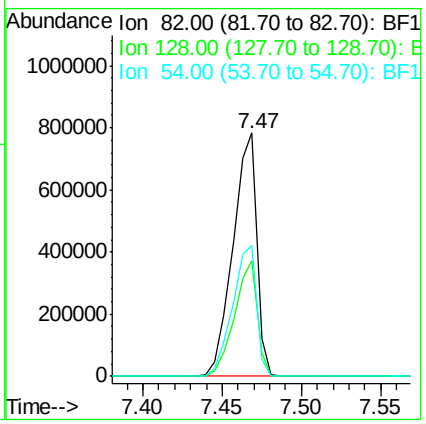


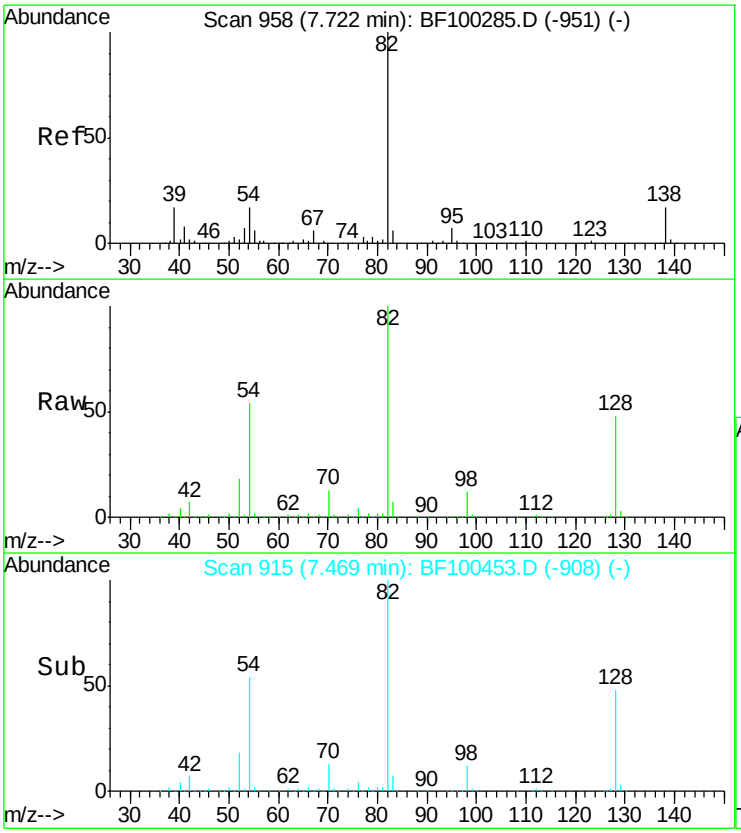
#23
Nitrobenzene-d5
Concen: 100.03 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF100453.D
Acq: 11 Nov 2017 20:51

Instrument :
BNA_F
ClientSampleId :
TP-14

Tgt Ion: 82 Resp: 812153

Ion	Ratio	Lower	Upper
82	100		
128	47.6	36.1	54.1
54	53.9	41.4	62.2

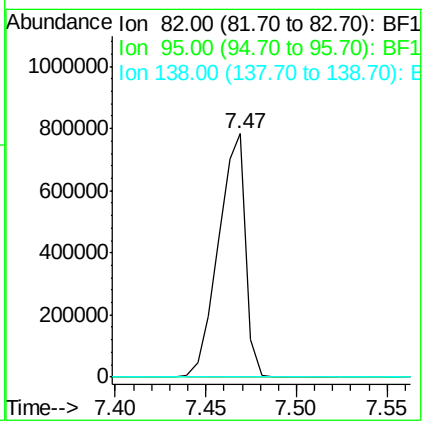


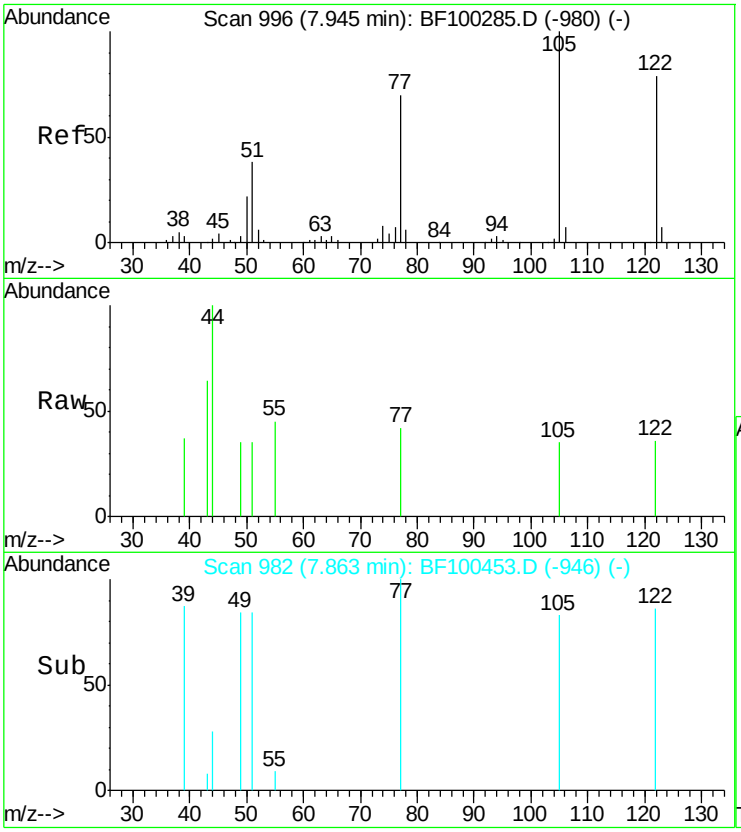


#25
Isophorone
Concen: 47.31 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.26 min
Lab File: BF100453.D
Acq: 11 Nov 2017 20:51

Tgt Ion: 82 Resp: 807281

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



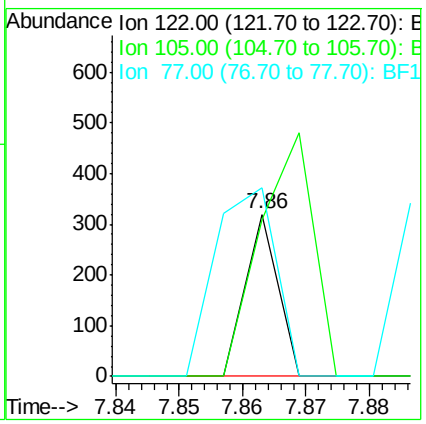


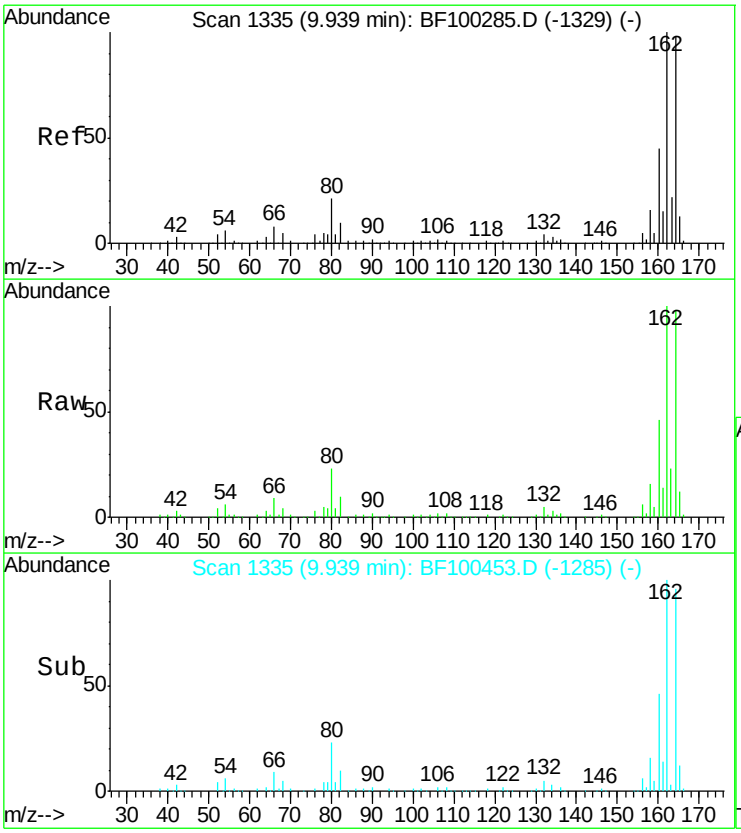
#32
Benzoic acid
Concen: 9.39 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.09 min
Lab File: BF100453.D
Acq: 11 Nov 2017 20:51

Instrument :
BNA_F
ClientSampleId :
TP-14

Tgt Ion:122 Resp: 113

Ion	Ratio	Lower	Upper
122	100		
105	97.2	101.1	141.1#
77	116.6	70.7	110.7#

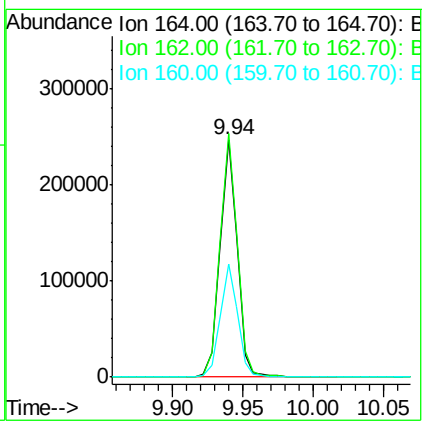


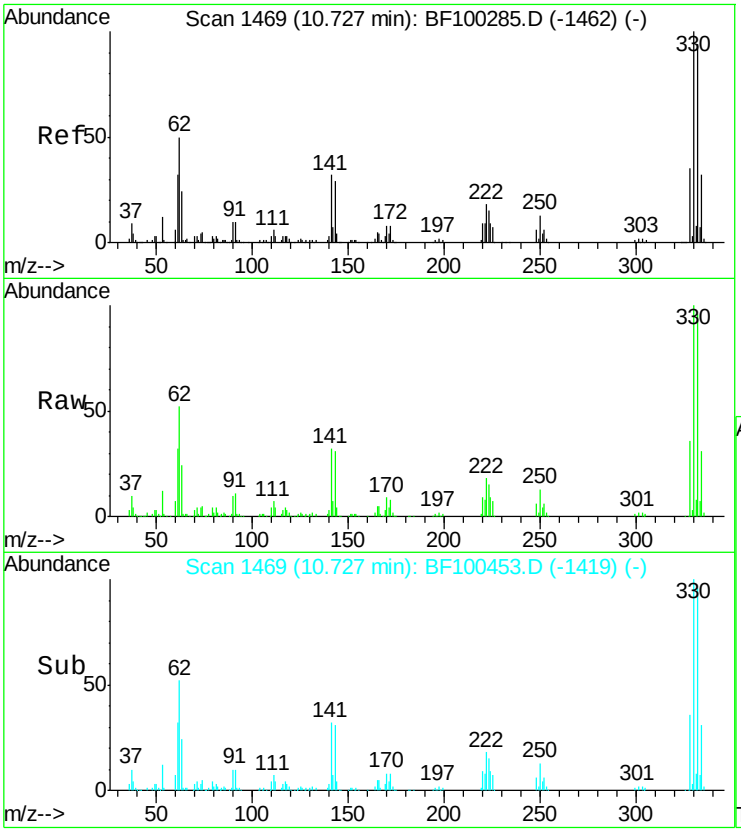


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100453.D
Acq: 11 Nov 2017 20:51

Tgt Ion:164 Resp: 209323

Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	47.5	38.3	57.5



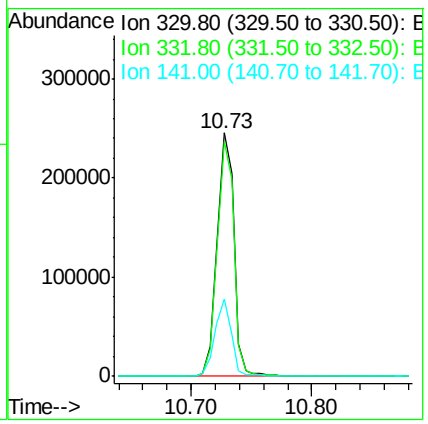


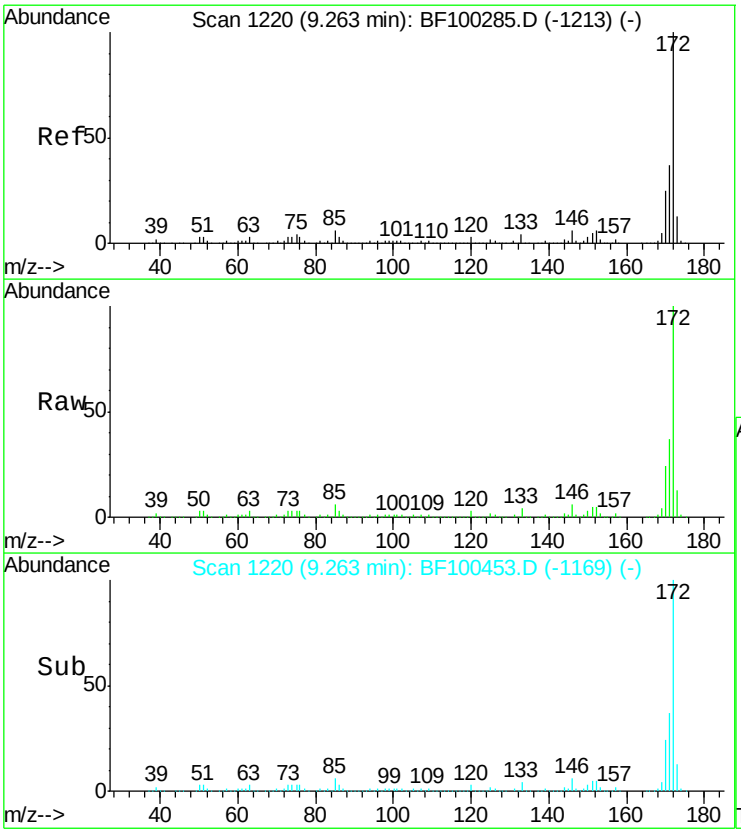
#41
2,4,6-Tribromophenol
Concen: 109.85 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF100453.D
Acq: 11 Nov 2017 20:51

Instrument :
BNA_F
ClientSampleId :
TP-14

Tgt Ion:330 Resp: 234307

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	31.3	29.9	44.9

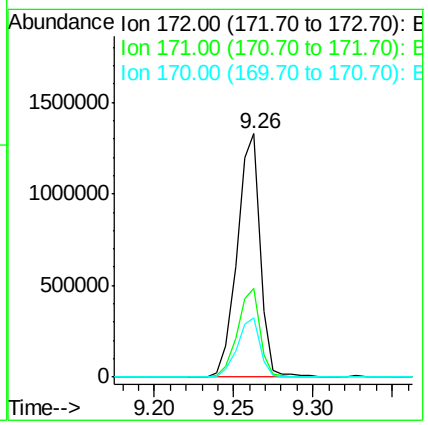


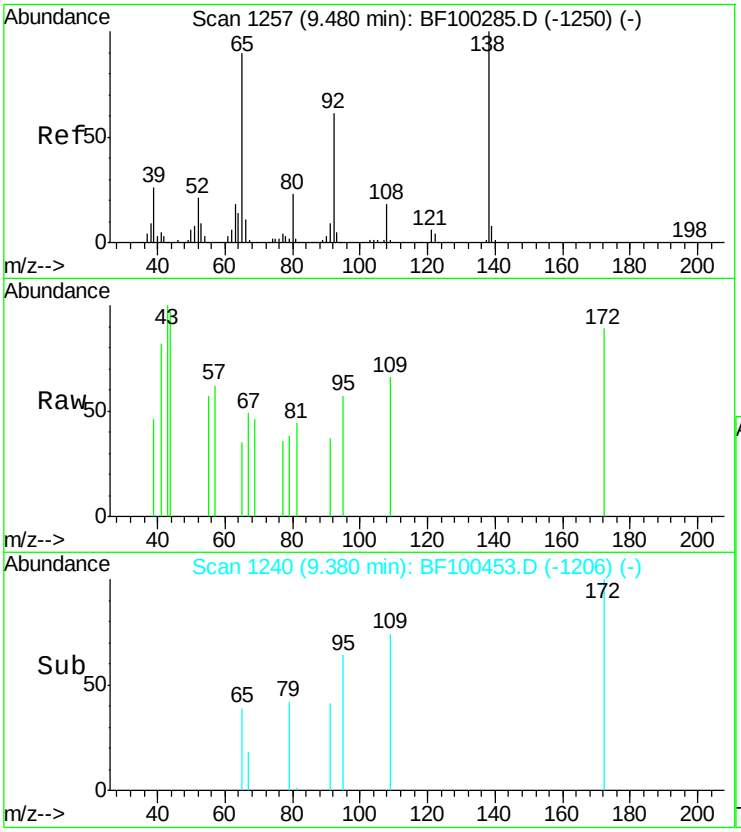


#44
2-Fluorobiphenyl
Concen: 97.24 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BF100453.D
Acq: 11 Nov 2017 20:51

Tgt Ion:172 Resp: 1336700

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.3	19.6	29.4



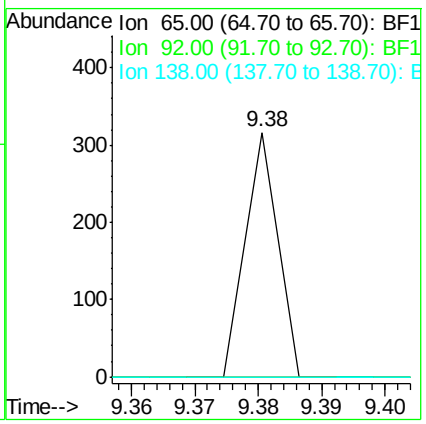


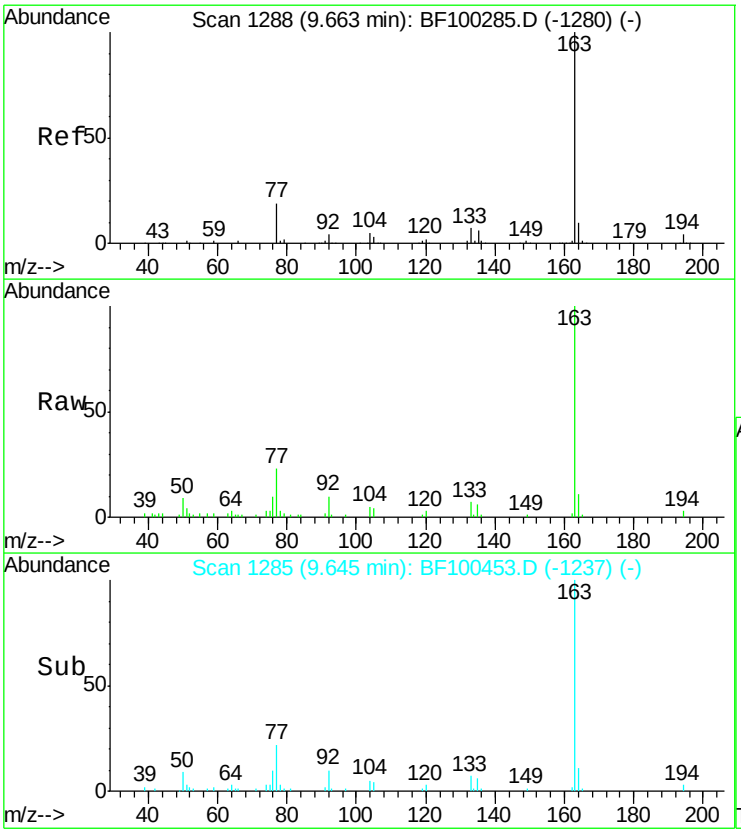
#47
2-Nitroaniline
Concen: 2.81 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.10 min
Lab File: BF100453.D
Acq: 11 Nov 2017 20:51

Instrument :
BNA_F
ClientSampleId :
TP-14

Tgt Ion: 65 Resp: 112

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

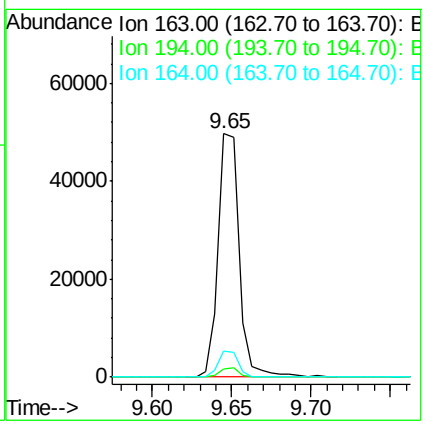


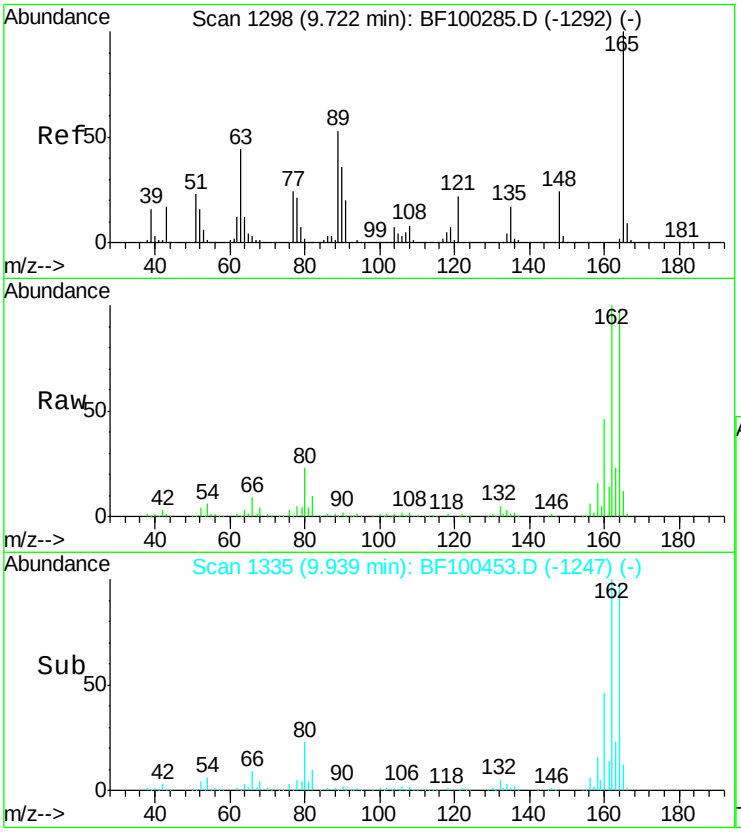


#49
Dimethylphthalate
Concen: 2.88 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF100453.D
Acq: 11 Nov 2017 20:51

Tgt Ion:163 Resp: 46026

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	10.7	8.2	12.2



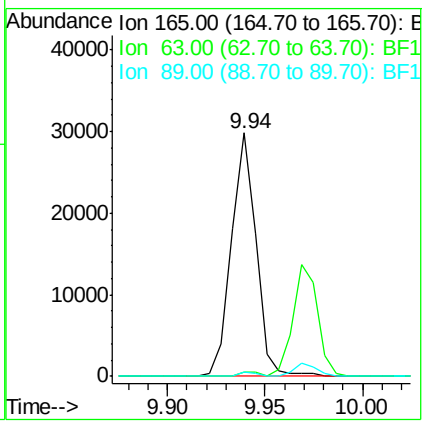


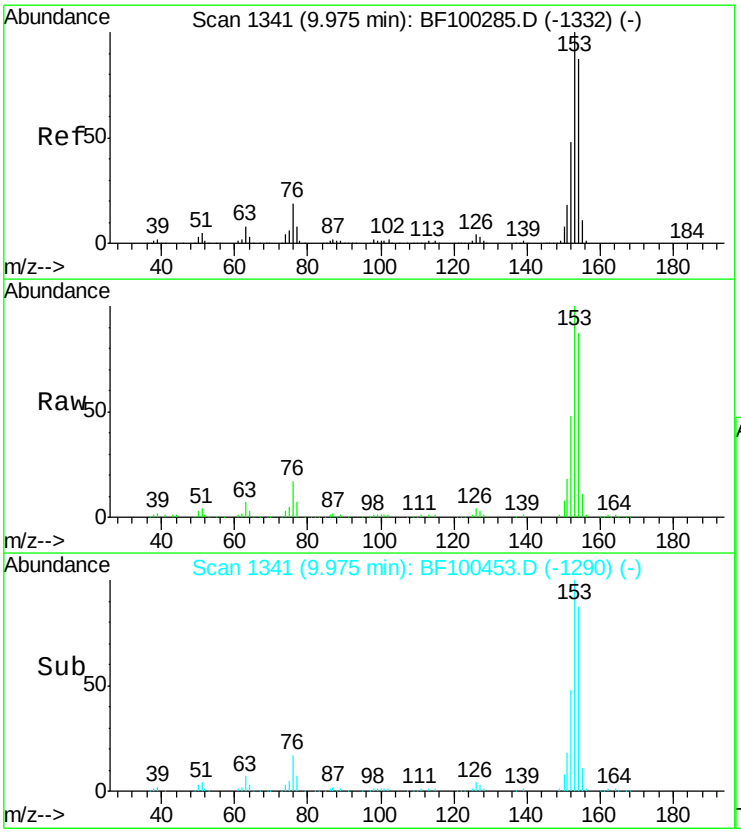
#50
2,6-Dinitrotoluene
Concen: 8.31 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.22 min
Lab File: BF100453.D
Acq: 11 Nov 2017 20:51

Instrument :
BNA_F
ClientSampleId :
TP-14

Tgt Ion:165 Resp: 26280

Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.7	67.1#
89	1.7	44.0	66.0#

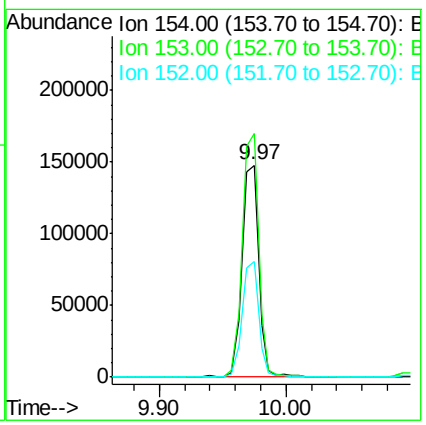


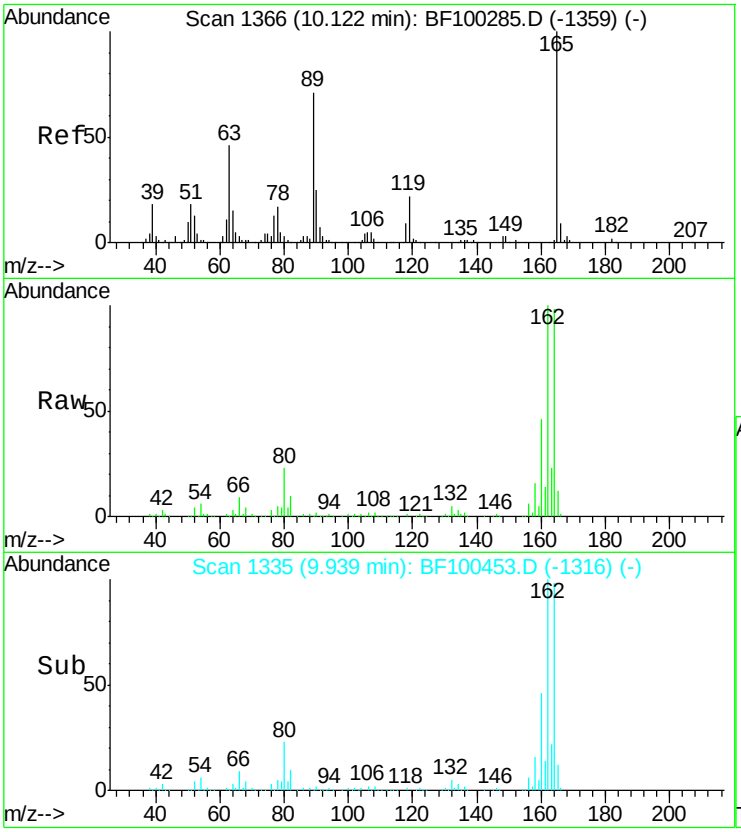


#51
Acenaphthene
Concen: 10.22 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF100453.D
Acq: 11 Nov 2017 20:51

Tgt Ion:154 Resp: 135264

Ion	Ratio	Lower	Upper
154	100		
153	114.9	91.2	136.8
152	54.7	43.8	65.8



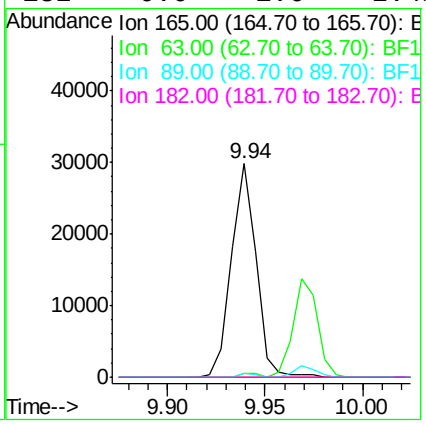


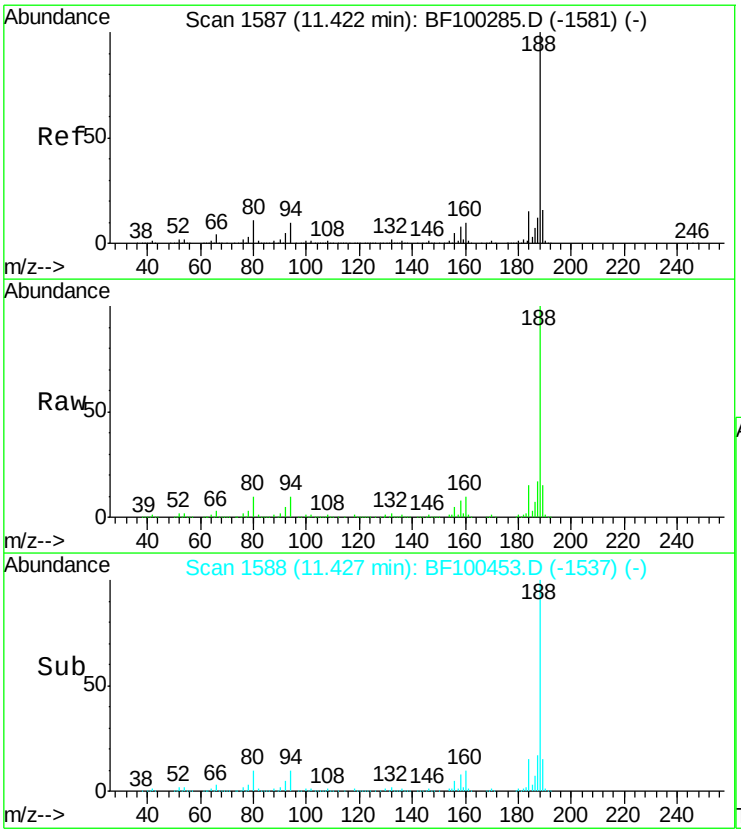
#56
2,4-Dinitrotoluene
Concen: 6.58 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.19 min
Lab File: BF100453.D
Acq: 11 Nov 2017 20:51

Instrument :
BNA_F
ClientSampleId :
TP-14

Tgt Ion:165 Resp: 26280

Ion	Ratio	Lower	Upper
165	100		
63	2.0	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

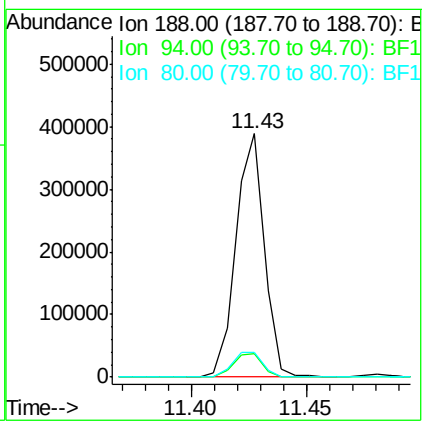


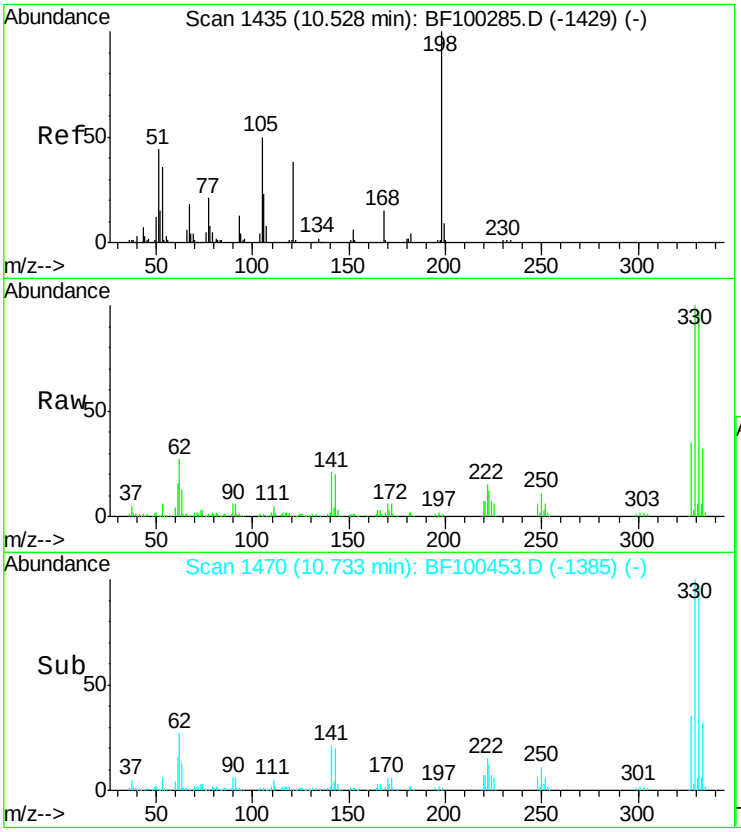


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BF100453.D
Acq: 11 Nov 2017 20:51

Tgt Ion:188 Resp: 333785

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.2	9.2	13.8



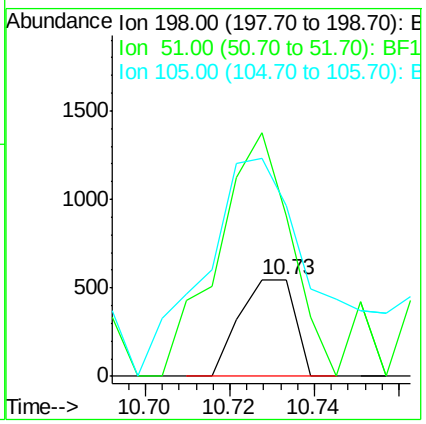


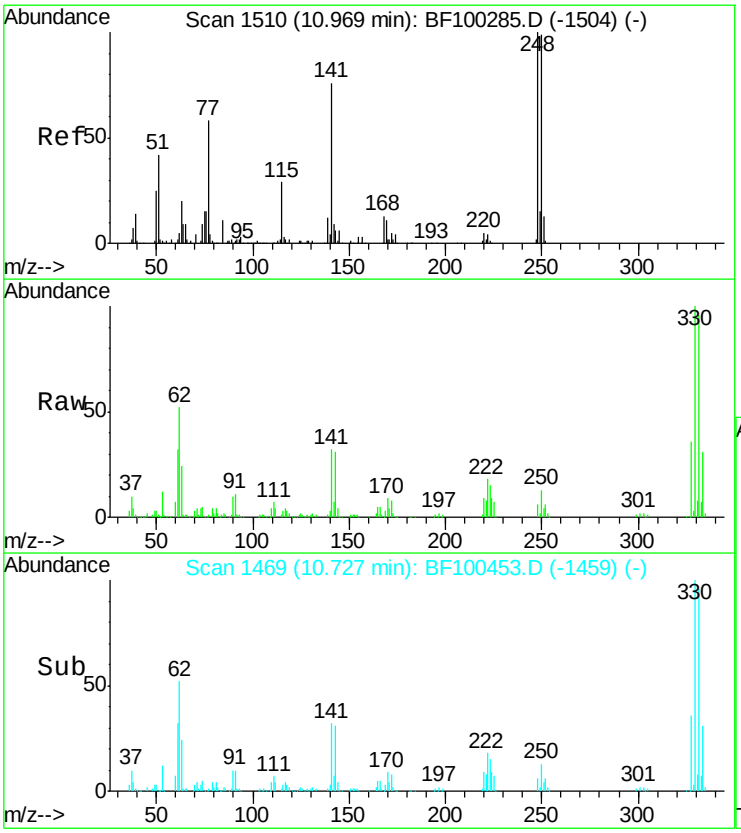
#64
4,6-Dinitro-2-methylphenol
Concen: 8.81 ng
RT: 10.73 min Scan# 1470
Delta R.T. 0.20 min
Lab File: BF100453.D
Acq: 11 Nov 2017 20:51

Instrument :
BNA_F
ClientSampleId :
TP-14

Tgt Ion:198 Resp: 498

Ion	Ratio	Lower	Upper
198	100		
51	165.9	37.7	77.7#
105	175.7	36.3	76.3#

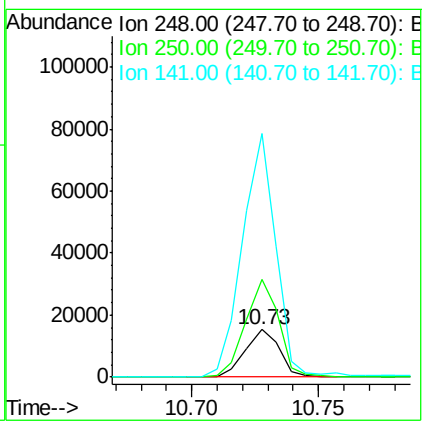


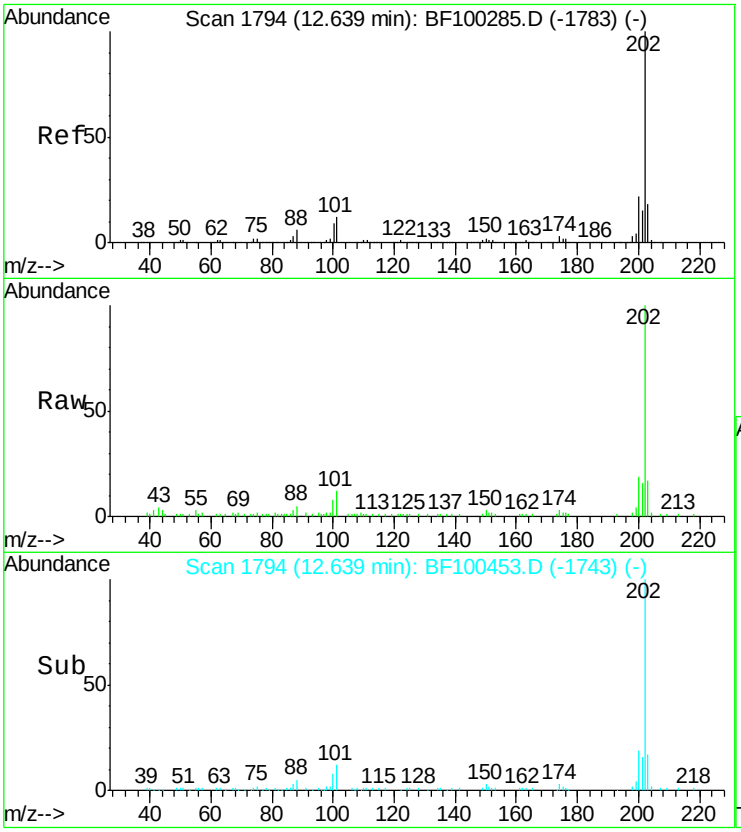


#66
4-Bromophenyl-phenylether
Concen: 4.05 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.24 min
Lab File: BF100453.D
Acq: 11 Nov 2017 20:51

Tgt Ion:248 Resp: 14499

Ion	Ratio	Lower	Upper
248	100		
250	205.5	76.9	115.3#
141	511.8	74.4	111.6#



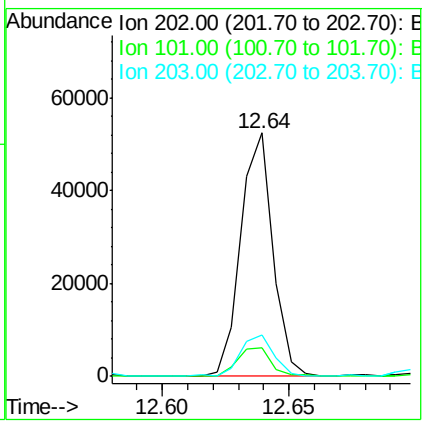


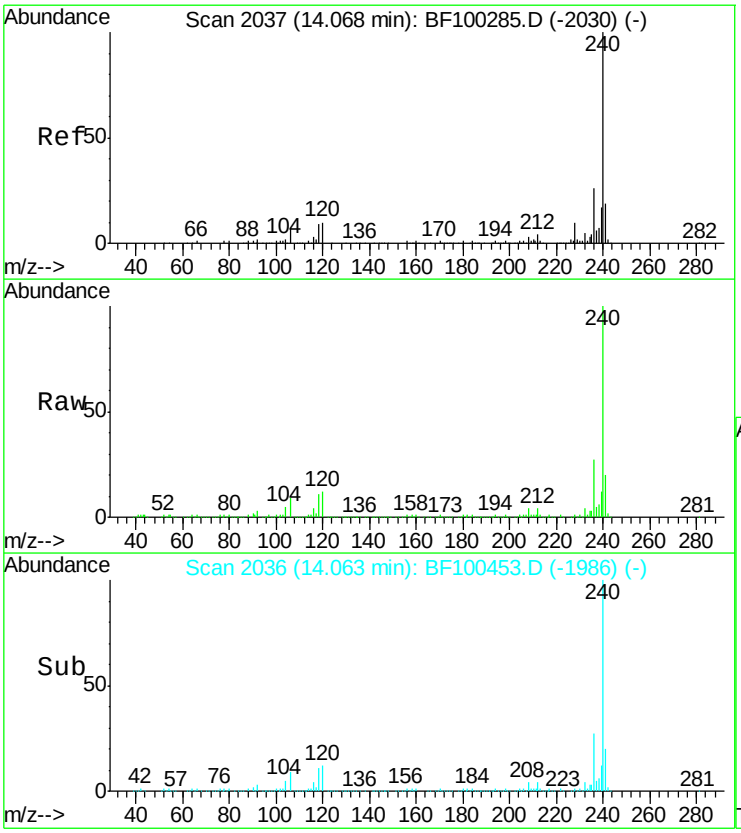
#74
Fluoranthene
Concen: 2.47 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BF100453.D
Acq: 11 Nov 2017 20:51

Instrument :
BNA_F
ClientSampleId :
TP-14

Tgt Ion:202 Resp: 46030

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	34.1
203	16.7	0.0	38.1

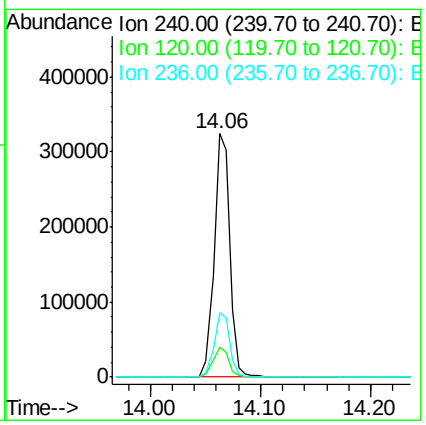


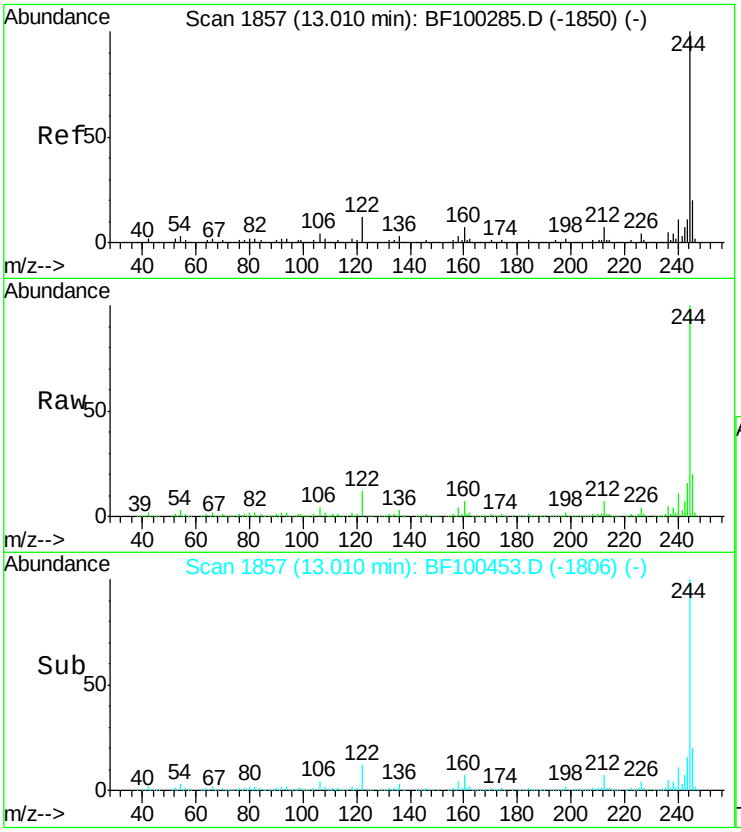


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100453.D
Acq: 11 Nov 2017 20:51

Tgt Ion:240 Resp: 318000

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.5	14.3
236	26.6	20.7	31.1



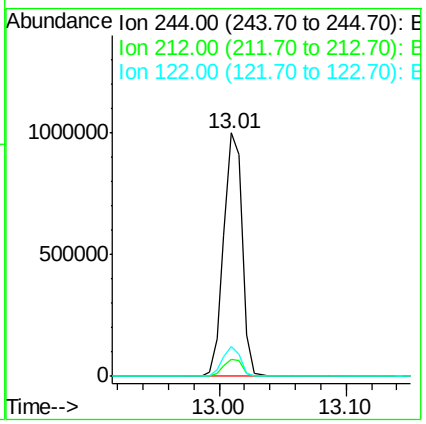


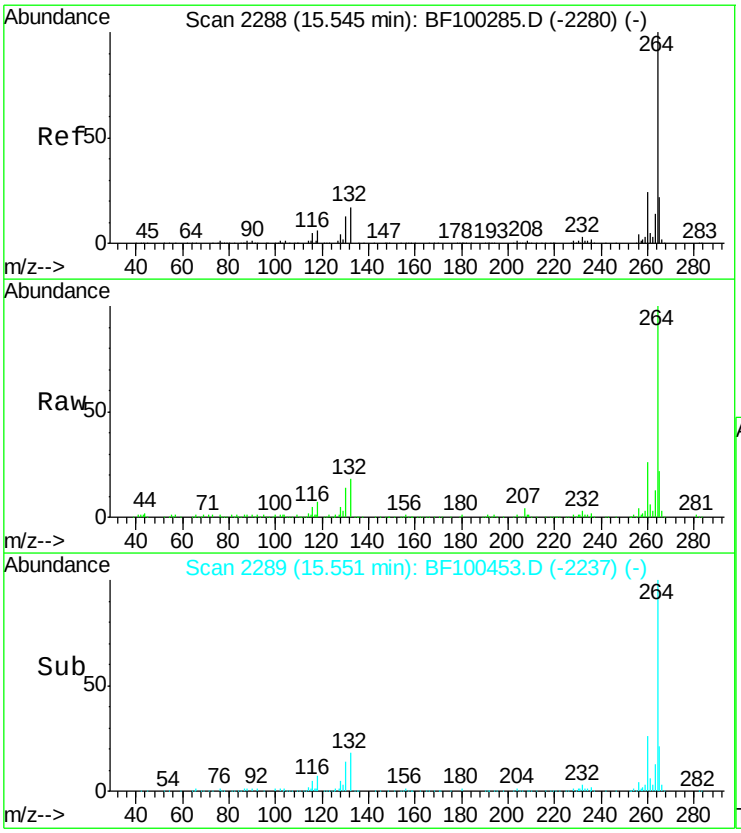
#78
Terphenyl-d14
Concen: 72.79 ng
RT: 13.01 min Scan# 1857
Delta R.T. -0.00 min
Lab File: BF100453.D
Acq: 11 Nov 2017 20:51

Instrument :
BNA_F
ClientSampleId :
TP-14

Tgt Ion:244 Resp: 1007368

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	12.4	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: BF100453.D
Acq: 11 Nov 2017 20:51

Tgt Ion:264 Resp: 224577

Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.2	28.8
265	21.6	17.5	26.3