Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110917\
Data File : BF100354.D
Acq On : 9 Nov 2017 21:29
Operator : SJ/JU
Sample : I6381-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 10 00:28:36 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 09 16:04:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	189602	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	761213	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	355847	20.00	ng		0.00
63) Phenanthrene-d10	11.43	188	664004	20.00	ng		0.00
75) Chrysene-d12	14.06	240	422952	20.00	ng		0.00
86) Perylene-d12	15.54	264	389744	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1130548	95.58	ng		0.02
7) Phenol-d6	6.53	99	1430401	98.07	ng		0.00
23) Nitrobenzene-d5	7.46	82	886171	76.97	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	371456	102.44	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	1326812	56.78	ng		0.00
78) Terphenyl-d14	13.01	244	1309325	71.13	ng		0.00
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	3.56	42	41443	5.428	ng	#	1
9) Benzaldehyde	6.67	77	24184	2.322	ng		83
10) Phenol	6.54	94	46880	3.062	ng		93
19) n-Nitroso-di-n-propylamine	7.46	70	118723	11.737	ng	#	82
25) Isophorone	7.46	82	885650	36.604	ng	#	64
32) Benzoic acid	7.85	122	252	9.395	ng	#	85
47) 2-Nitroaniline	9.65	65	240	2.818	ng	#	1
50) 2,6-Dinitrotoluene	9.94	165	46590	8.663	ng	#	26
56) 2,4-Dinitrotoluene	9.94	165	46590	6.867	ng	#	23
62) Azobenzene	10.65	77	145163	5.669	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.73	198	859	8.780	ng	#	1
66) 4-Bromophenyl-phenylether	10.73	248	23523	3.305	ng	#	1
70) Phenanthrene	11.44	178	71644	2.049	ng		98
74) Fluoranthene	12.63	202	171674	4.633	ng		97
77) Pyrene	12.86	202	160180	5.313	ng		99
80) Benzo(a)anthracene	14.05	228	55992	2.198	ng		97
82) Chrysene	14.09	228	60204	2.441	ng		98
87) Benzo(b)fluoranthene	15.10	252	91838	3.977	ng		97
88) Benzo(k)fluoranthene	15.10	252	91838	4.209	ng		100

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110917\
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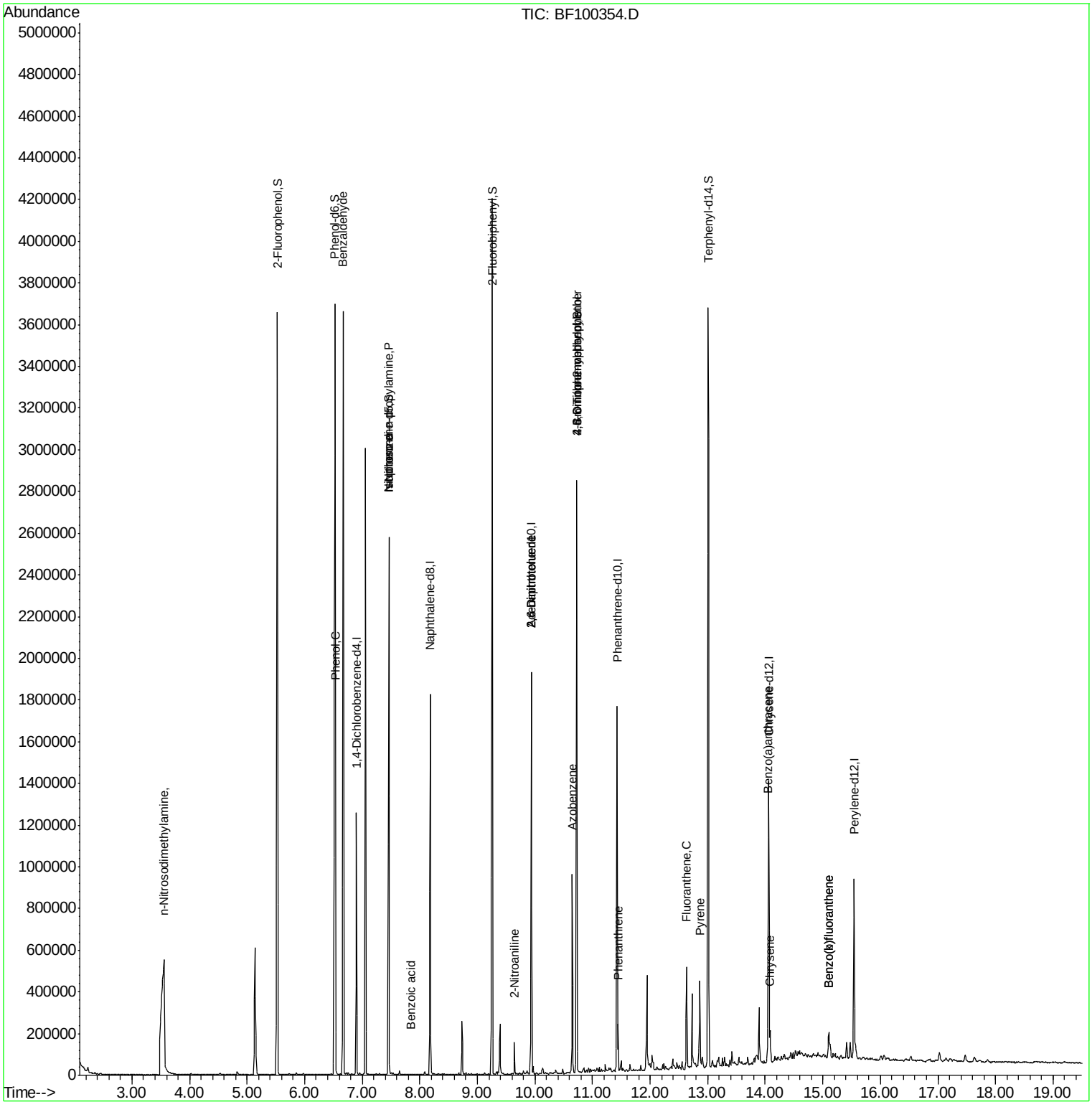
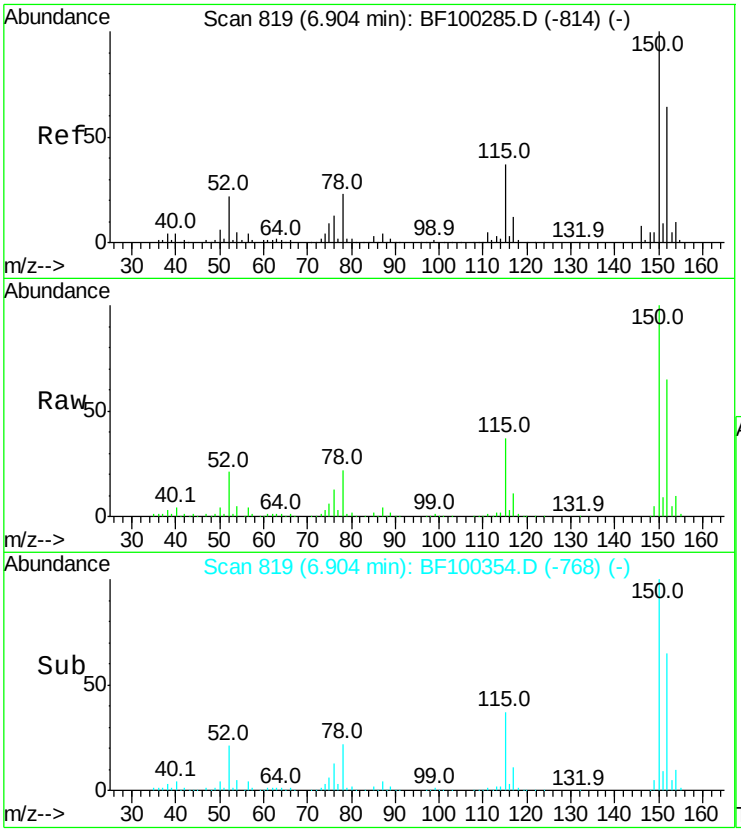


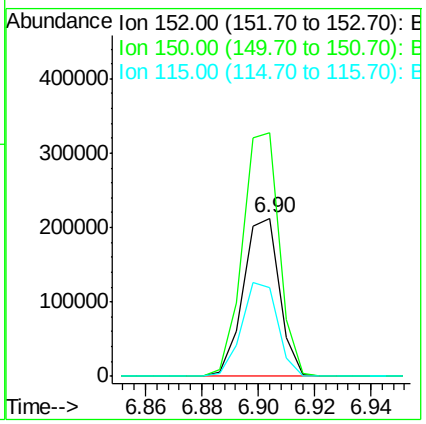


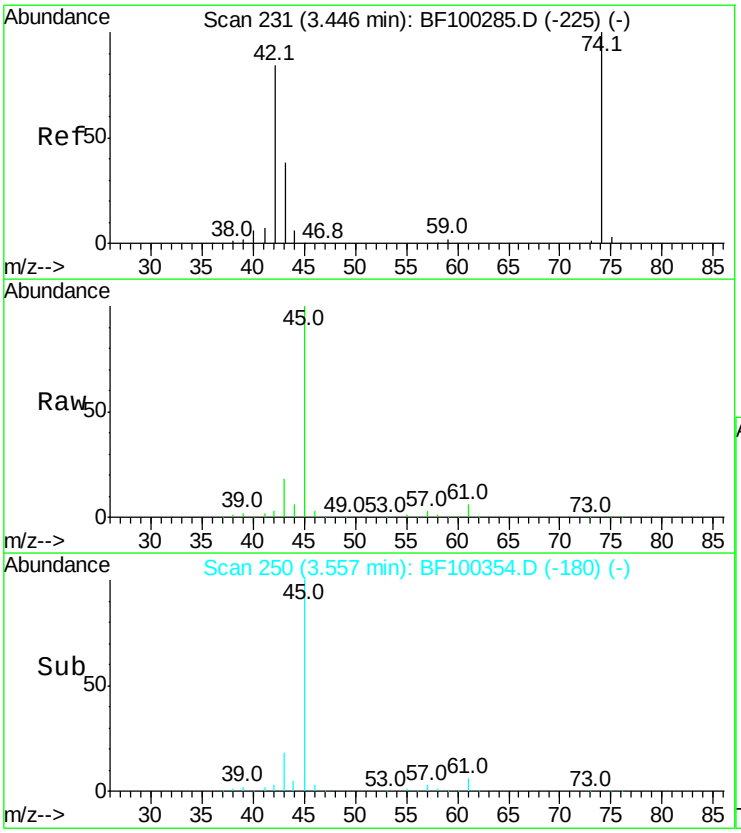
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100354.D
Acq: 9 Nov 2017 21:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 189602

Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.6	186.8
115	56.4	50.1	75.1

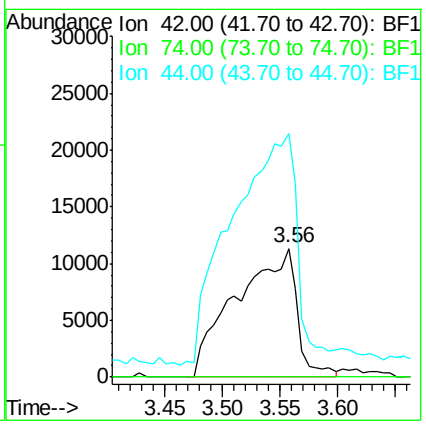


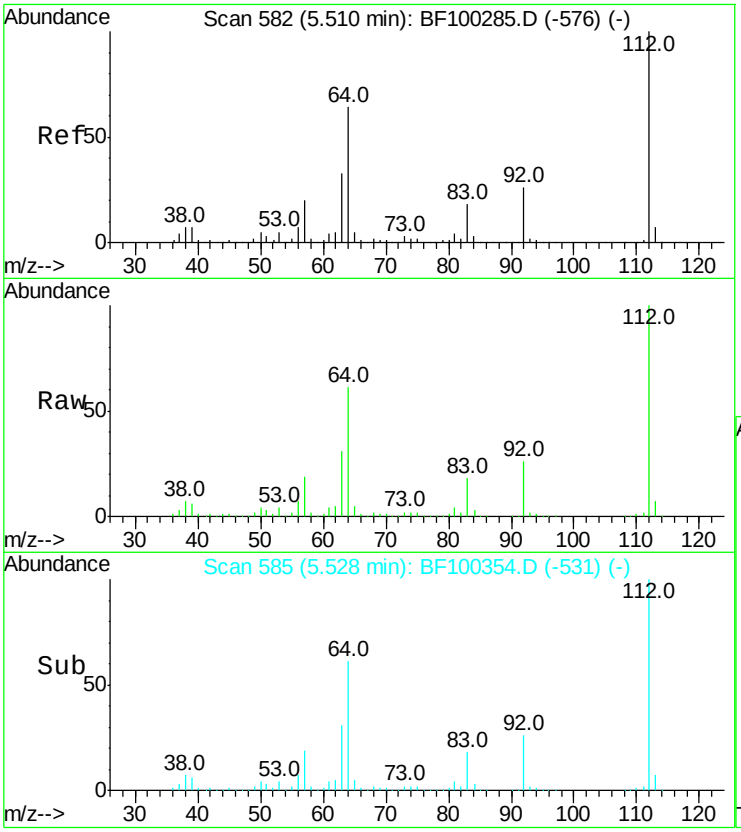


#4
n-Nitrosodimethylamine
Concen: 5.428 ng
RT: 3.56 min Scan# 250
Delta R.T. 0.11 min
Lab File: BF100354.D
Acq: 9 Nov 2017 21:29

Tgt Ion: 42 Resp: 41443

Ion	Ratio	Lower	Upper
42	100		
74	0.0	104.9	157.3#
44	189.3	6.9	10.3#



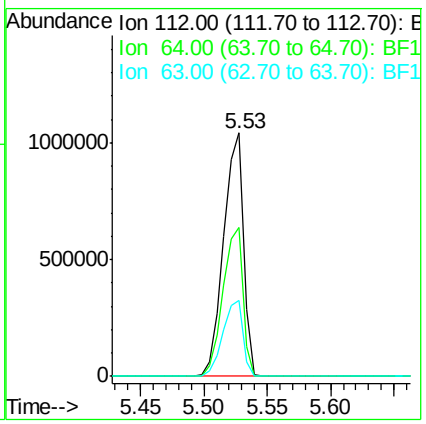


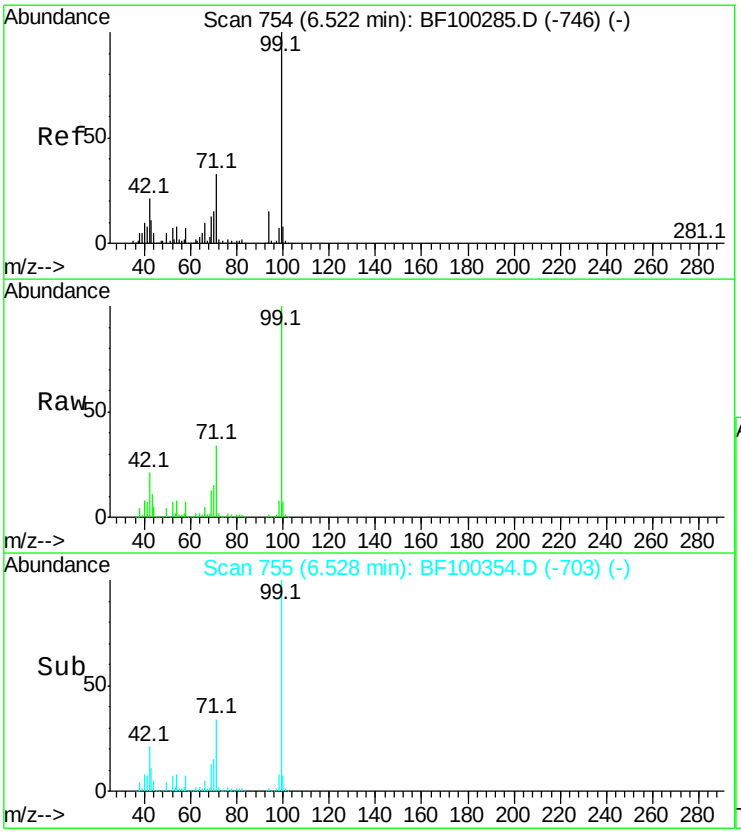
#5
2-Fluorophenol
Concen: 95.582 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.02 min
Lab File: BF100354.D
Acq: 9 Nov 2017 21:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 1130548

Ion	Ratio	Lower	Upper
112	100		
64	61.3	47.9	71.9
63	31.1	23.7	35.5

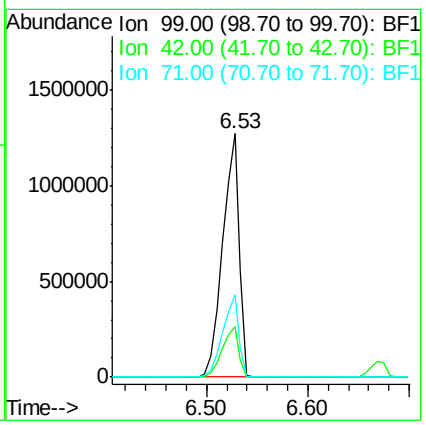


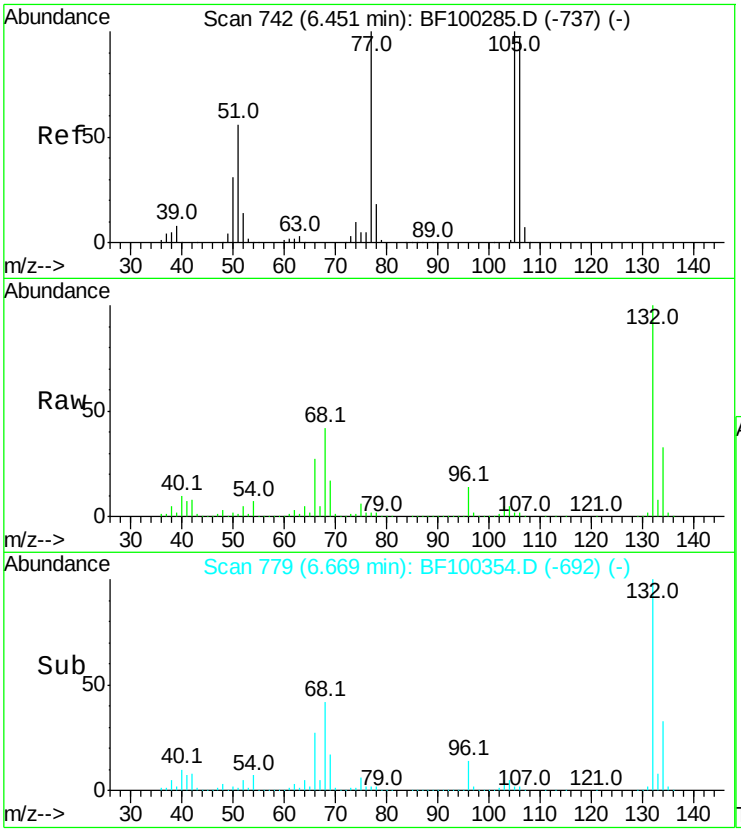


#7
Phenol-d6
Concen: 98.070 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF100354.D
Acq: 9 Nov 2017 21:29

Tgt Ion: 99 Resp: 1430401

Ion	Ratio	Lower	Upper
99	100		
42	20.7	14.5	21.7
71	33.9	25.4	38.0



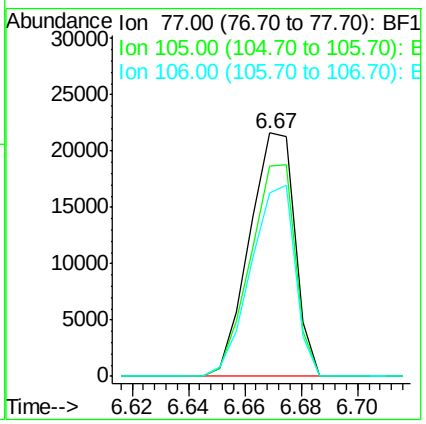


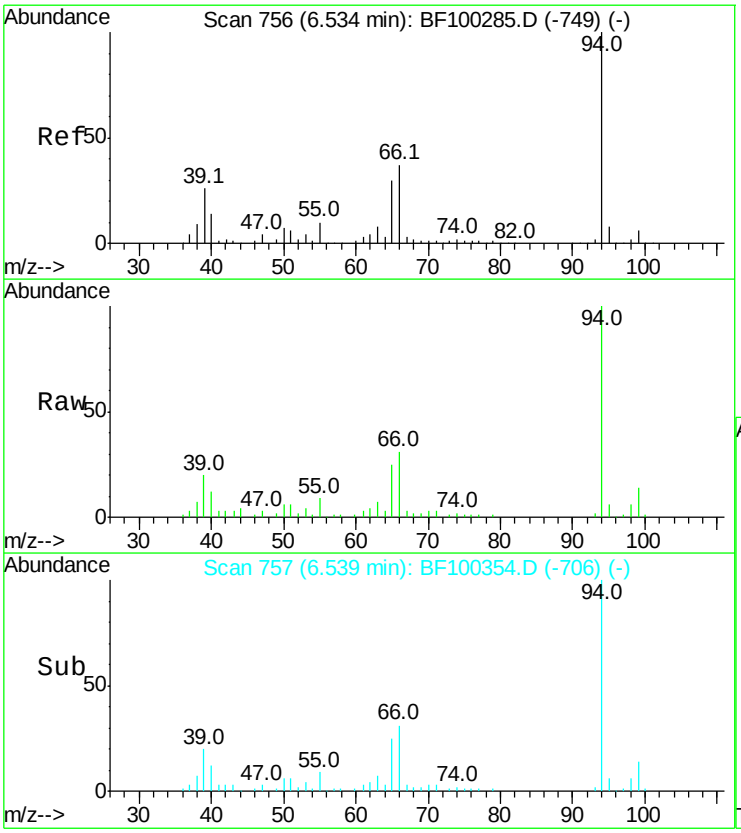
#9
Benzaldehyde
Concen: 2.322 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.21 min
Lab File: BF100354.D
Acq: 9 Nov 2017 21:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 24184

Ion	Ratio	Lower	Upper
77	100		
105	86.2	81.1	121.1
106	75.2	74.5	114.5

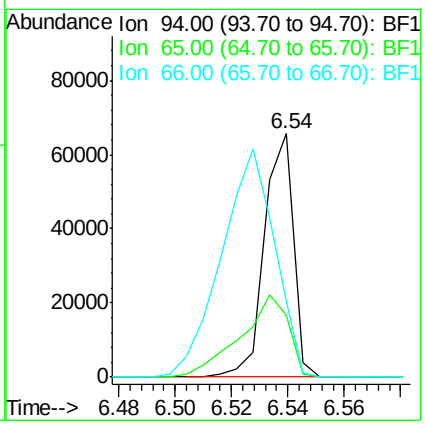


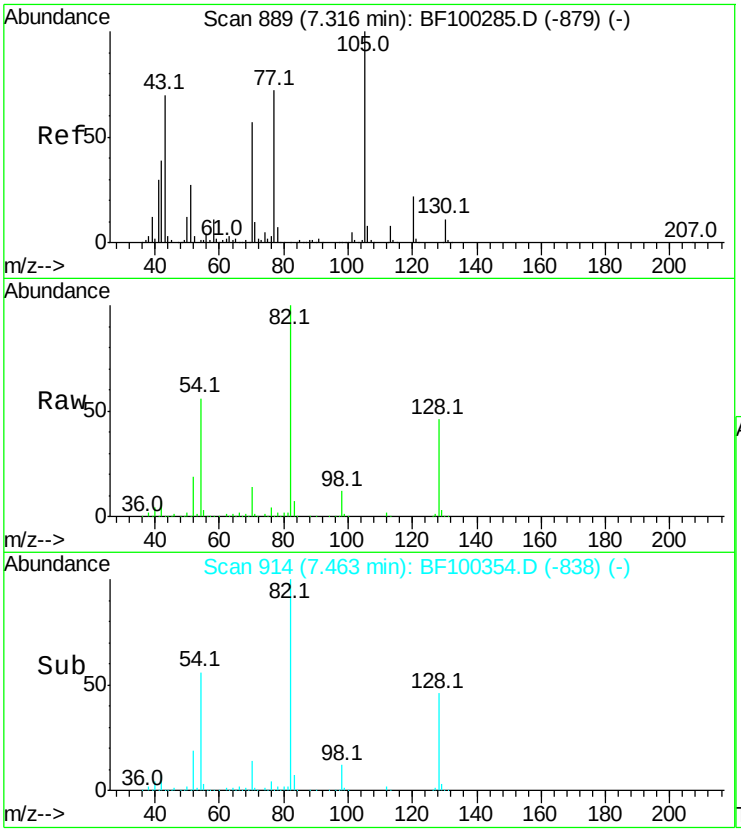


#10
Phenol
Concen: 3.062 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF100354.D
Acq: 9 Nov 2017 21:29

Tgt Ion: 94 Resp: 46880

Ion	Ratio	Lower	Upper
94	100		
65	25.2	7.9	47.9
66	31.1	16.2	56.2



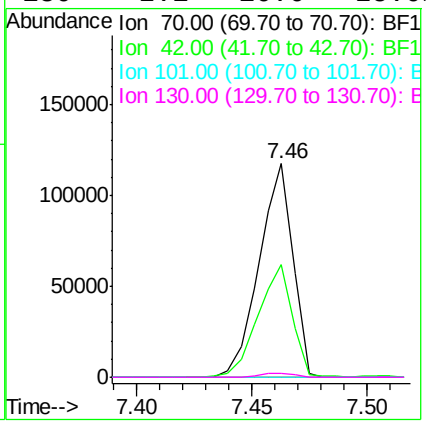


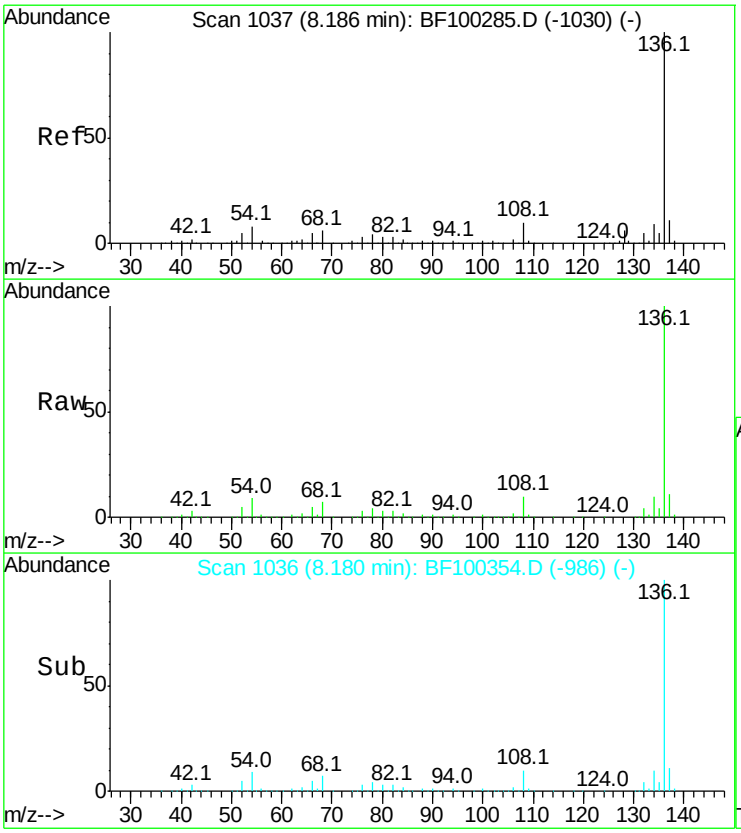
#19
n-Nitroso-di-n-propylamine
Concen: 11.737 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.15 min
Lab File: BF100354.D
Acq: 9 Nov 2017 21:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 118723

Ion	Ratio	Lower	Upper
70	100		
42	52.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

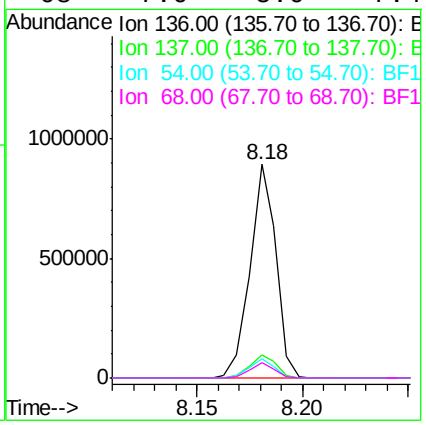


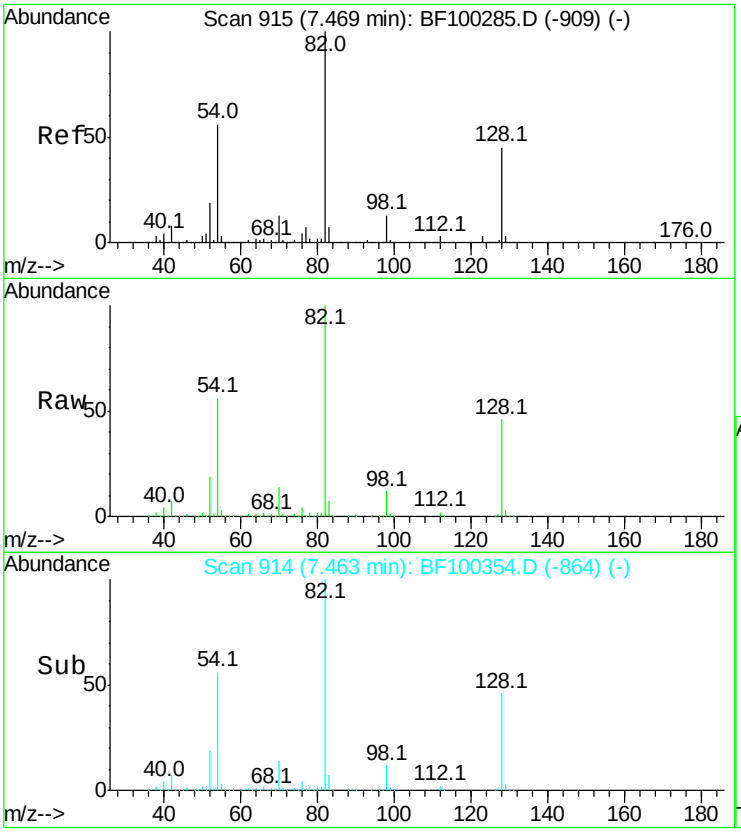


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100354.D
Acq: 9 Nov 2017 21:29

Tgt Ion:136 Resp: 761213

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.1	6.6	9.8
68	7.0	5.0	7.4



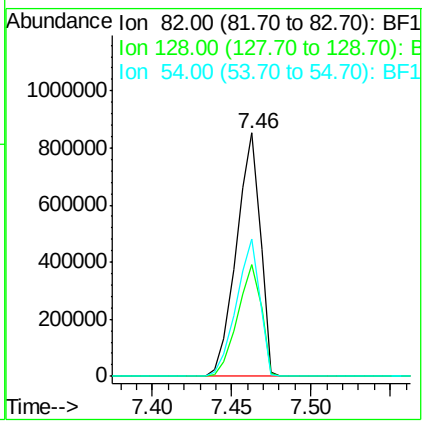


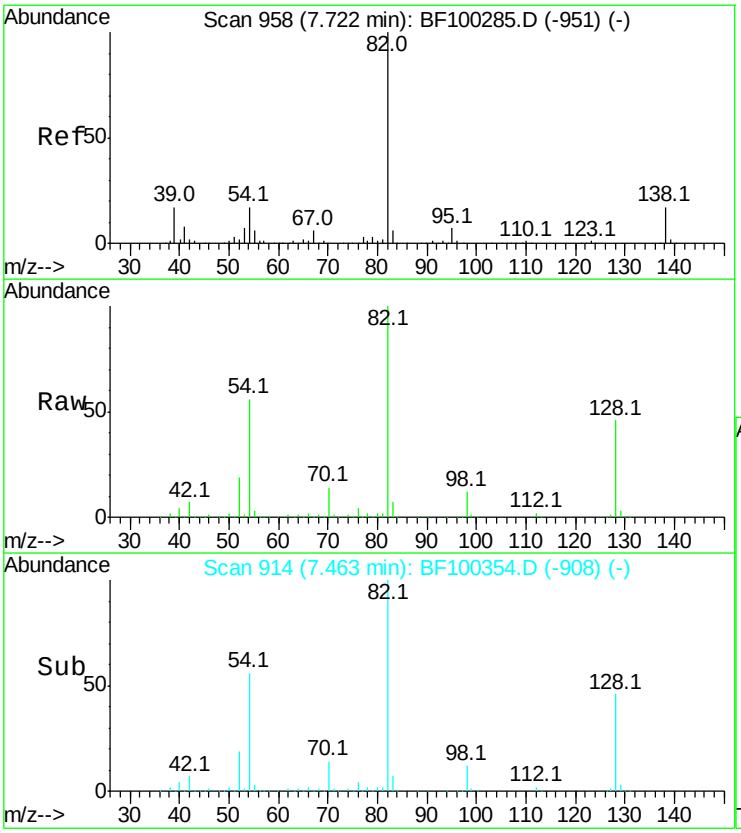
#23
Nitrobenzene-d5
Concen: 76.966 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100354.D
Acq: 9 Nov 2017 21:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 886171

Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	56.5	41.4	62.2

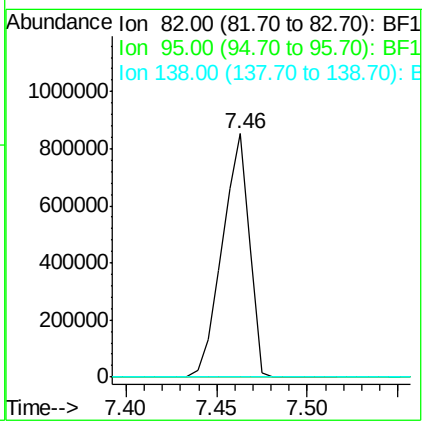


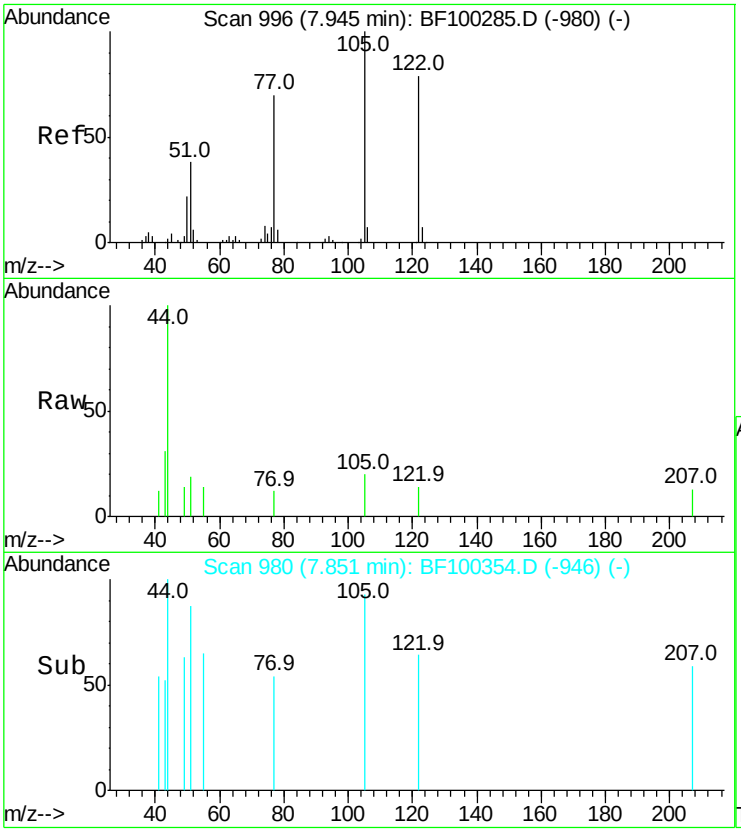


#25
Isophorone
Concen: 36.604 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.26 min
Lab File: BF100354.D
Acq: 9 Nov 2017 21:29

Tgt Ion: 82 Resp: 885650

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



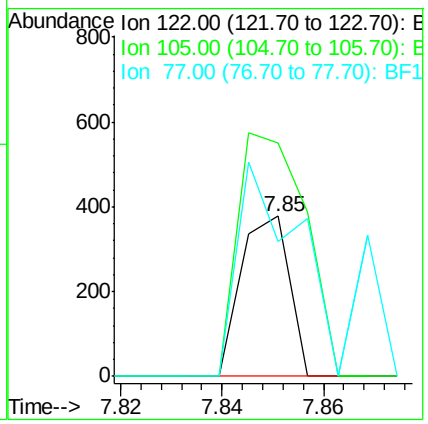


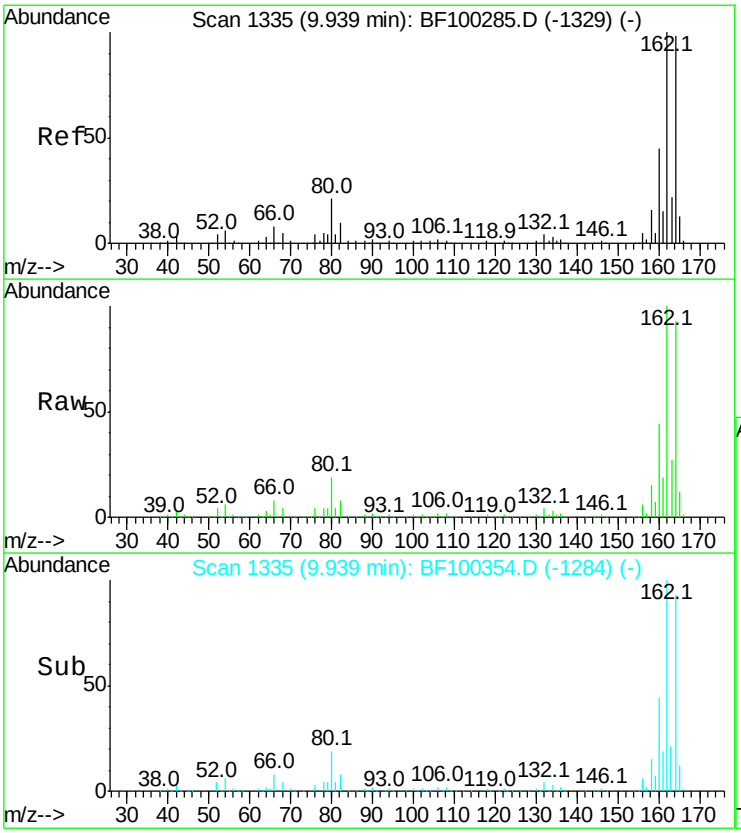
#32
Benzoic acid
Concen: 9.395 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.10 min
Lab File: BF100354.D
Acq: 9 Nov 2017 21:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 252

Ion	Ratio	Lower	Upper
122	100		
105	145.9	101.1	141.1#
77	84.6	70.7	110.7

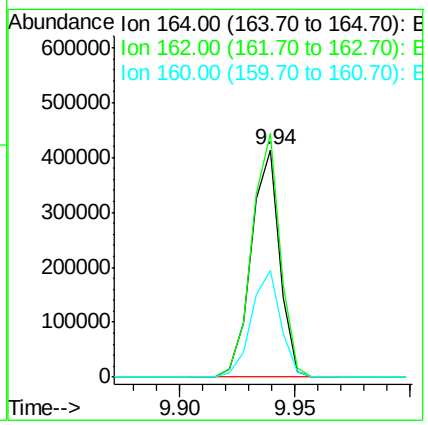


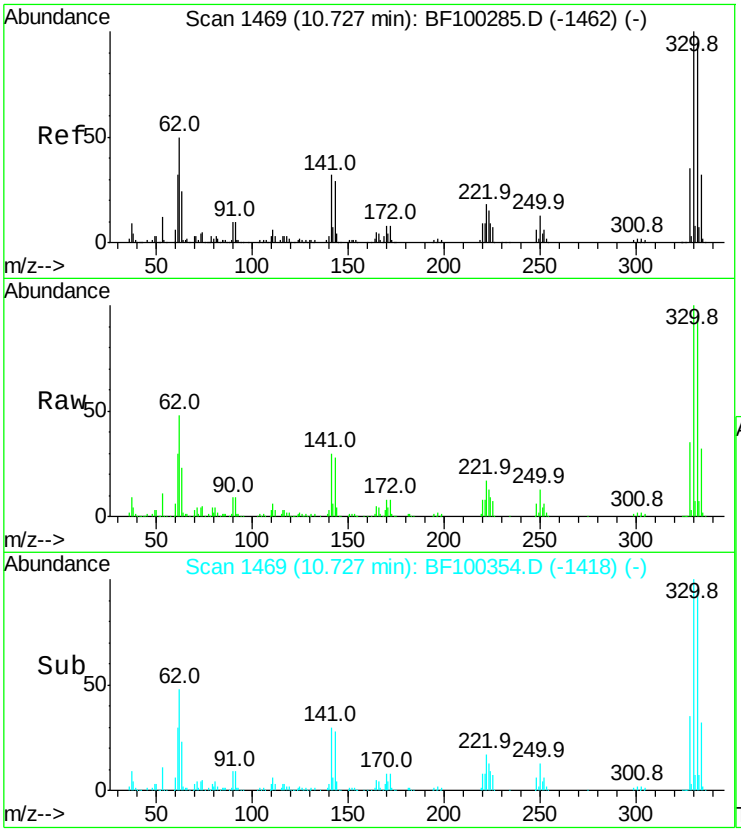


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF100354.D
Acq: 9 Nov 2017 21:29

Tgt Ion:164 Resp: 355847

Ion	Ratio	Lower	Upper
164	100		
162	107.3	86.1	129.1
160	47.0	38.3	57.5



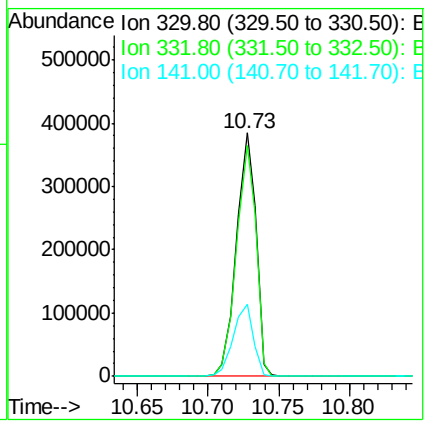


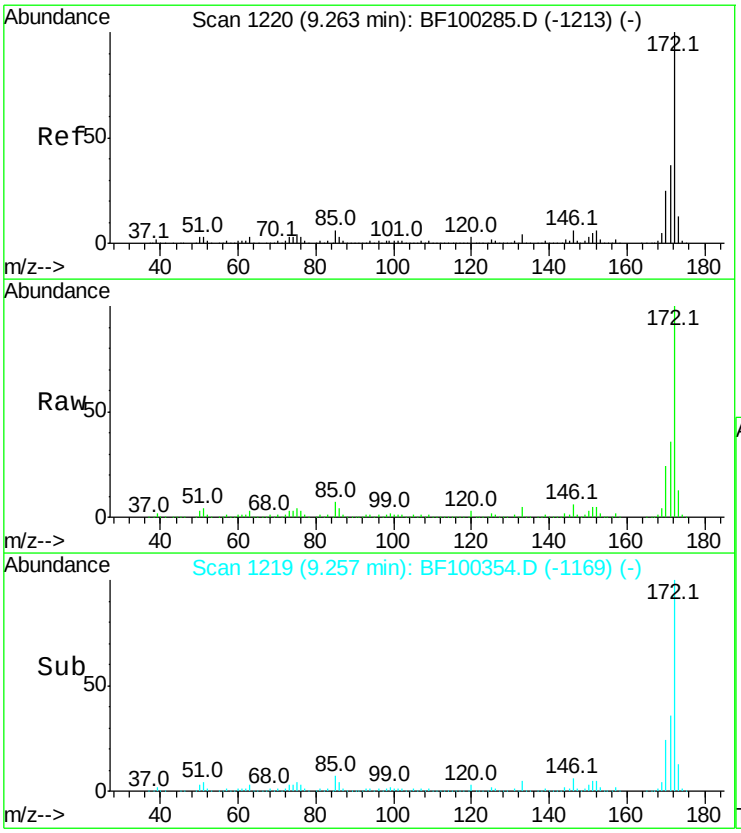
#41
2,4,6-Tribromophenol
Concen: 102.440 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.00 min
Lab File: BF100354.D
Acq: 9 Nov 2017 21:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 371456

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	30.3	29.9	44.9

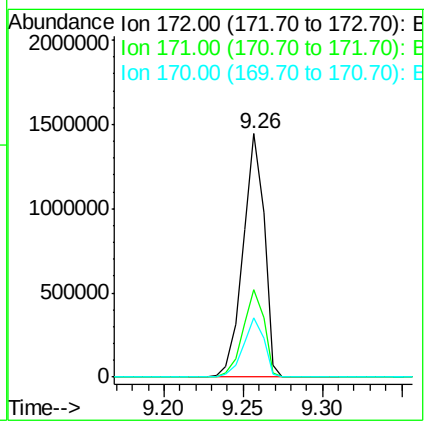


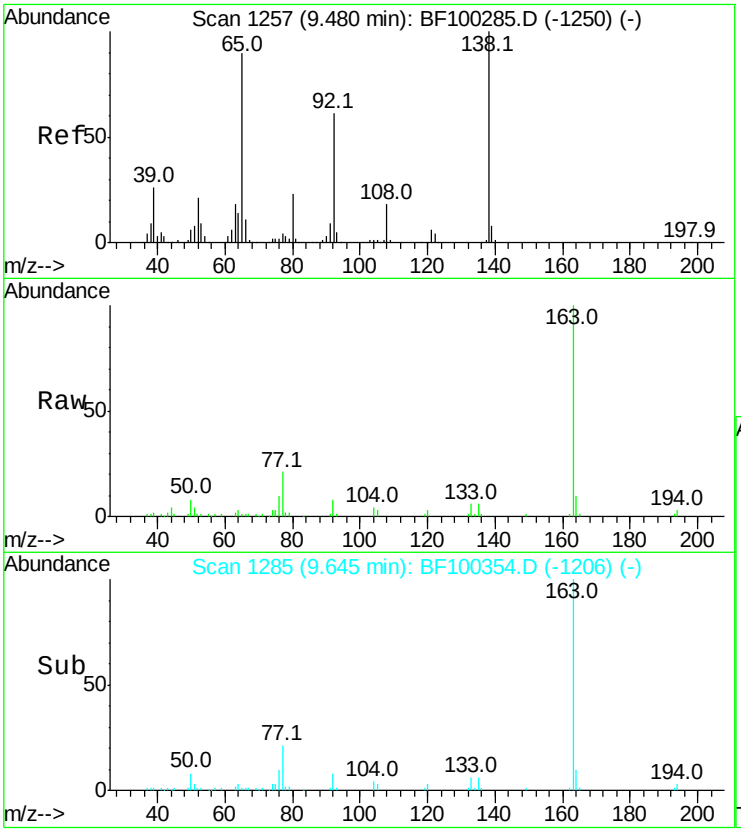


#44
2-Fluorobiphenyl
Concen: 56.776 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF100354.D
Acq: 9 Nov 2017 21:29

Tgt Ion:172 Resp: 1326812

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.4	19.6	29.4



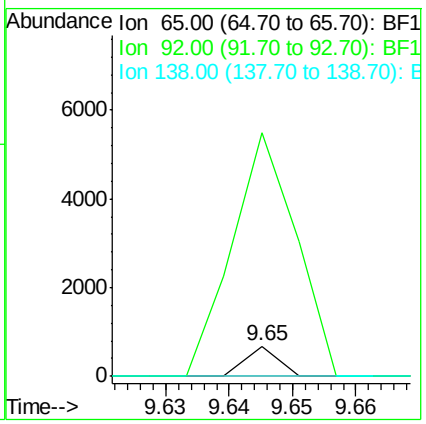


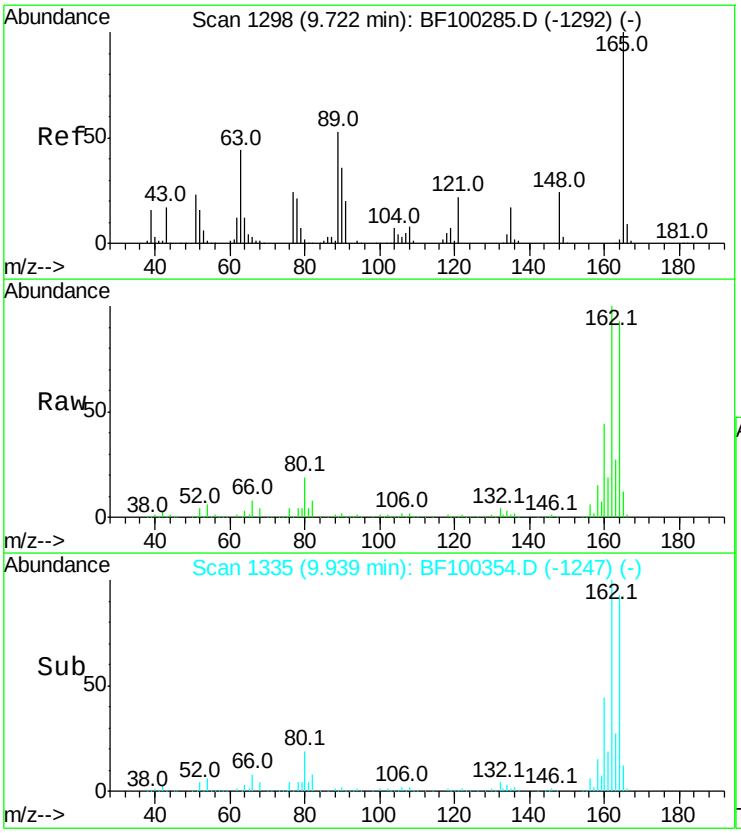
#47
2-Nitroaniline
Concen: 2.818 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.16 min
Lab File: BF100354.D
Acq: 9 Nov 2017 21:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 240

Ion	Ratio	Lower	Upper
65	100		
92	806.2	55.8	83.6#
138	0.0	91.2	136.8#

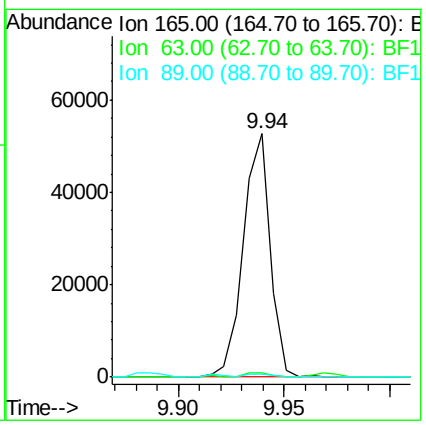


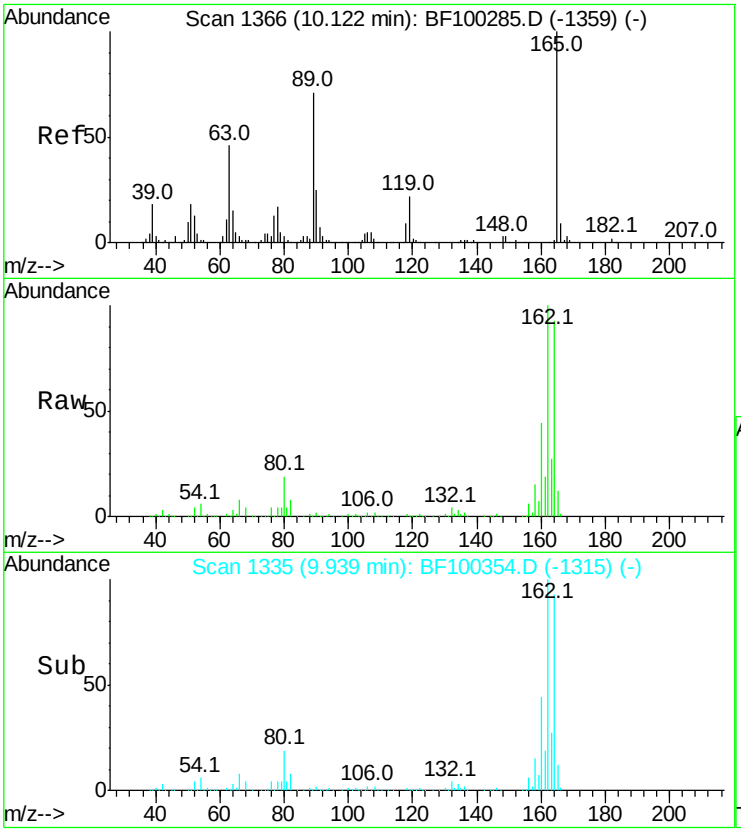


#50
2,6-Dinitrotoluene
Concen: 8.663 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.22 min
Lab File: BF100354.D
Acq: 9 Nov 2017 21:29

Tgt Ion:165 Resp: 46590

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.2	44.0	66.0#



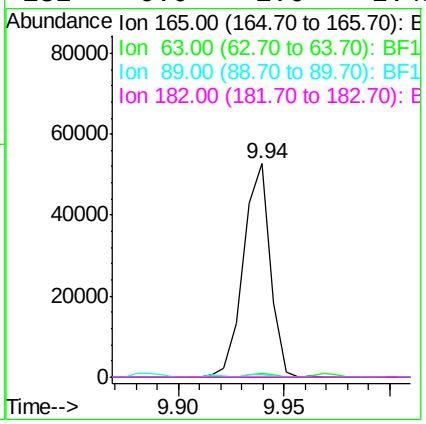


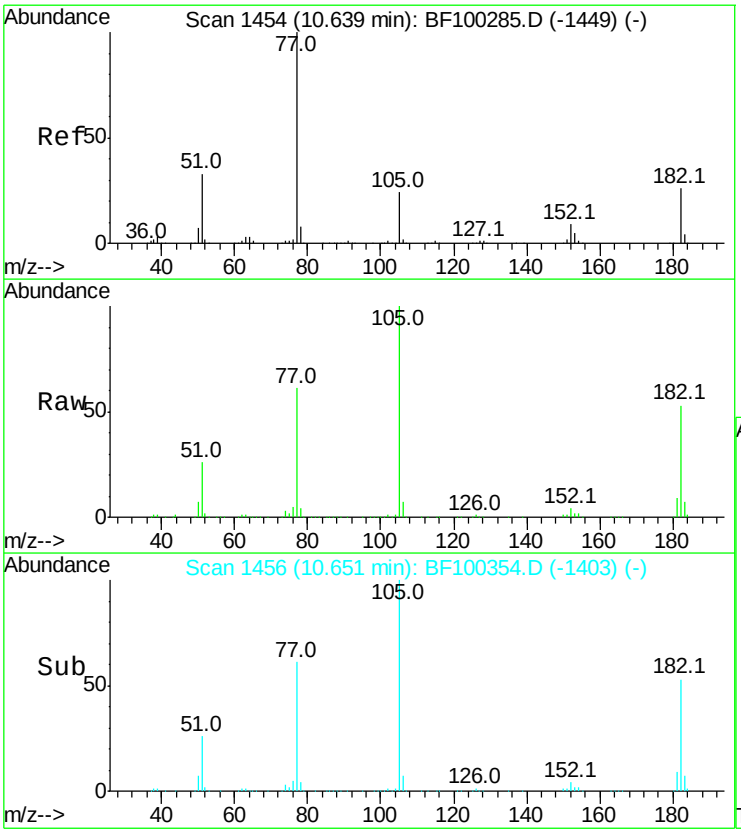
#56
2,4-Dinitrotoluene
Concen: 6.867 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.18 min
Lab File: BF100354.D
Acq: 9 Nov 2017 21:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 46590

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

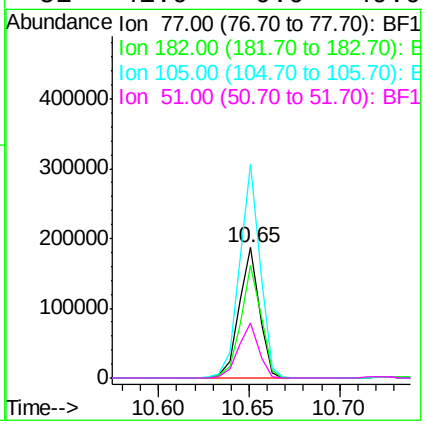


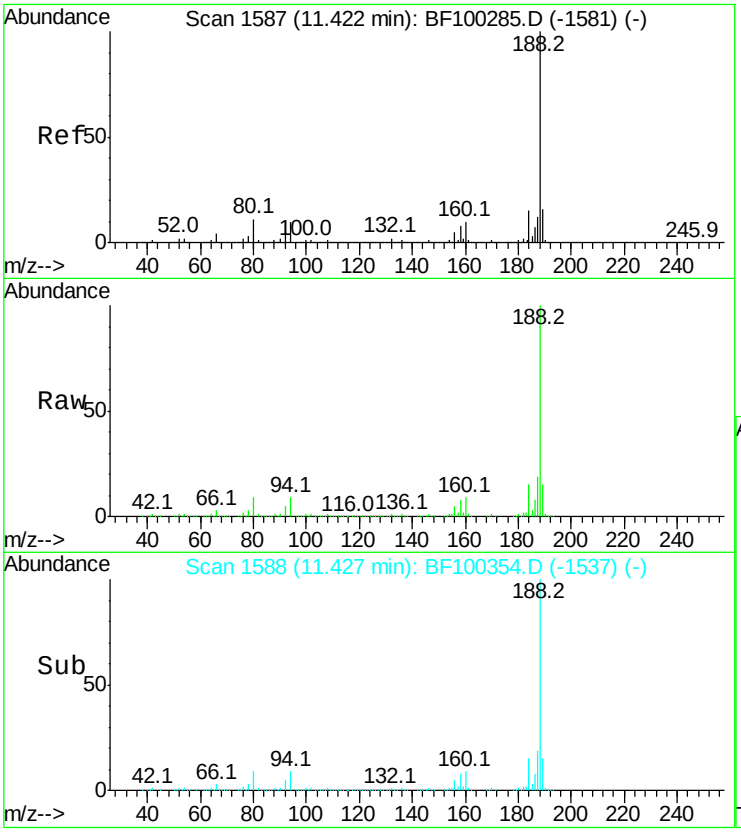


#62
Azobenzene
Concen: 5.669 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.01 min
Lab File: BF100354.D
Acq: 9 Nov 2017 21:29

Tgt Ion: 77 Resp: 145163

Ion	Ratio	Lower	Upper
77	100		
182	86.7	1.7	41.7#
105	164.1	3.0	43.0#
51	41.9	9.9	49.9



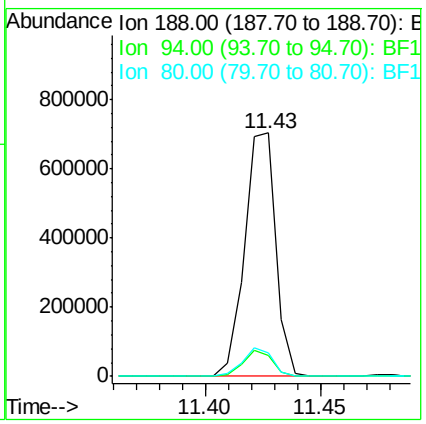


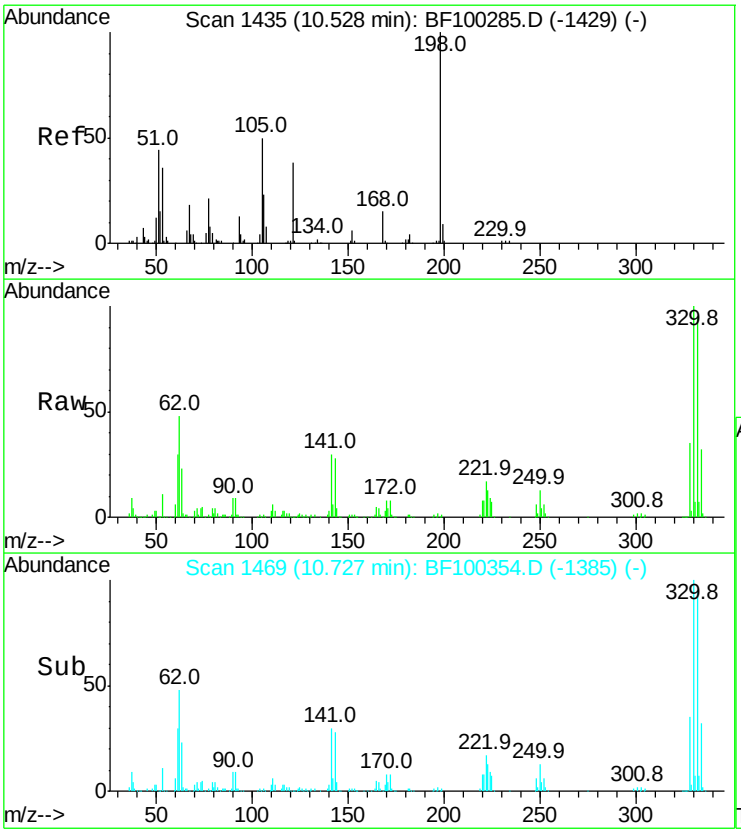
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.00 min
Lab File: BF100354.D
Acq: 9 Nov 2017 21:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 664004

Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	9.5	9.2	13.8

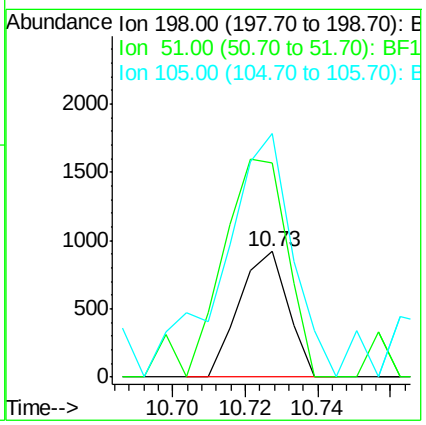


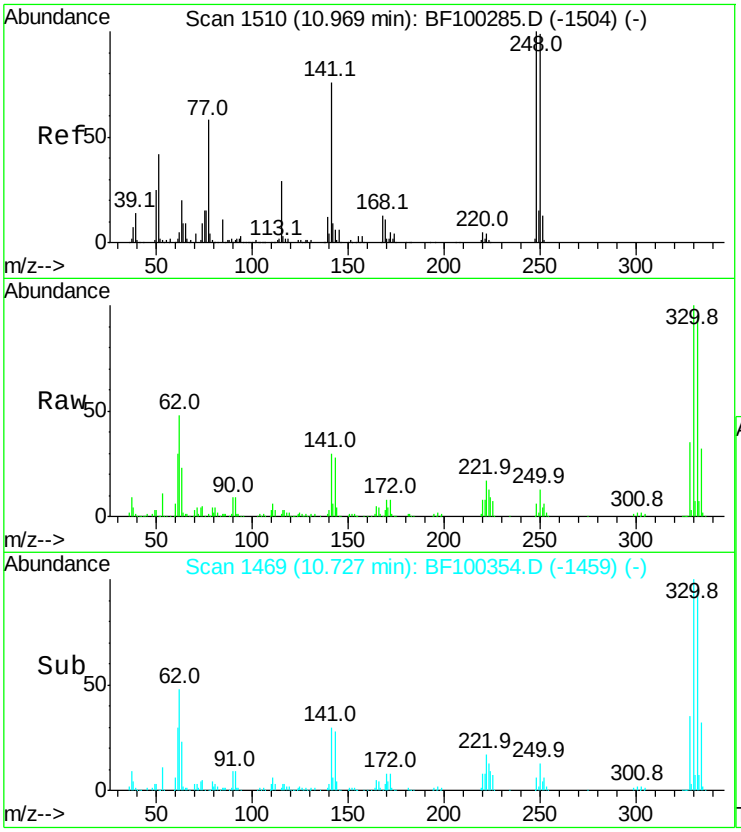


#64
4,6-Dinitro-2-methylphenol
Concen: 8.780 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.19 min
Lab File: BF100354.D
Acq: 9 Nov 2017 21:29

Tgt Ion:198 Resp: 859

Ion	Ratio	Lower	Upper
198	100		
51	170.3	37.7	77.7#
105	194.0	36.3	76.3#



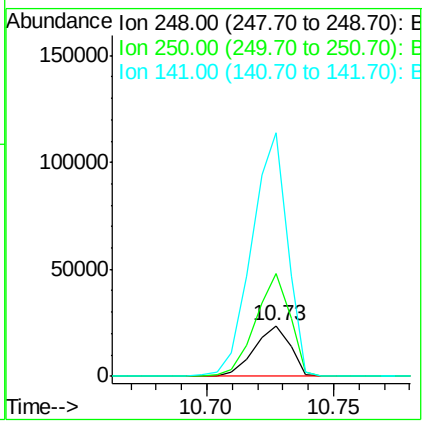


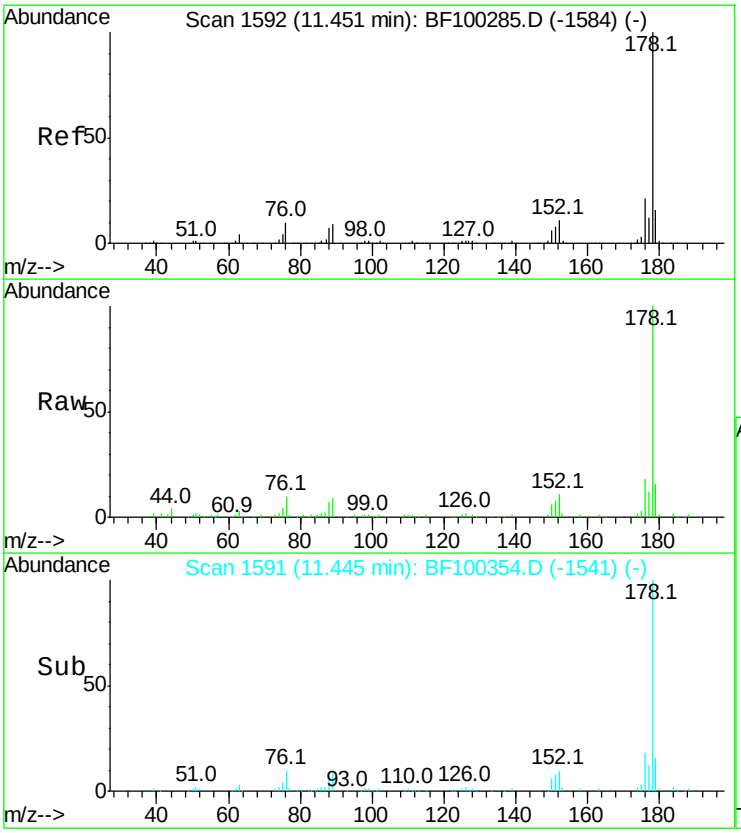
#66
4-Bromophenyl-phenylether
Concen: 3.305 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.24 min
Lab File: BF100354.D
Acq: 9 Nov 2017 21:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 23523

Ion	Ratio	Lower	Upper
248	100		
250	203.3	76.9	115.3#
141	479.4	74.4	111.6#

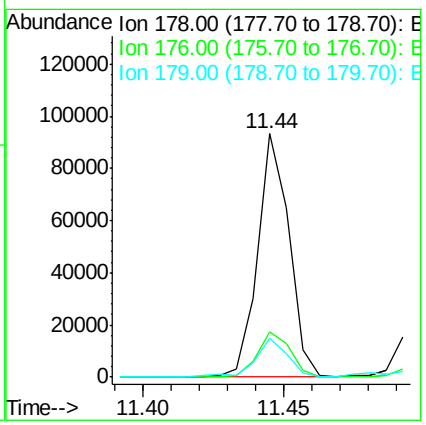


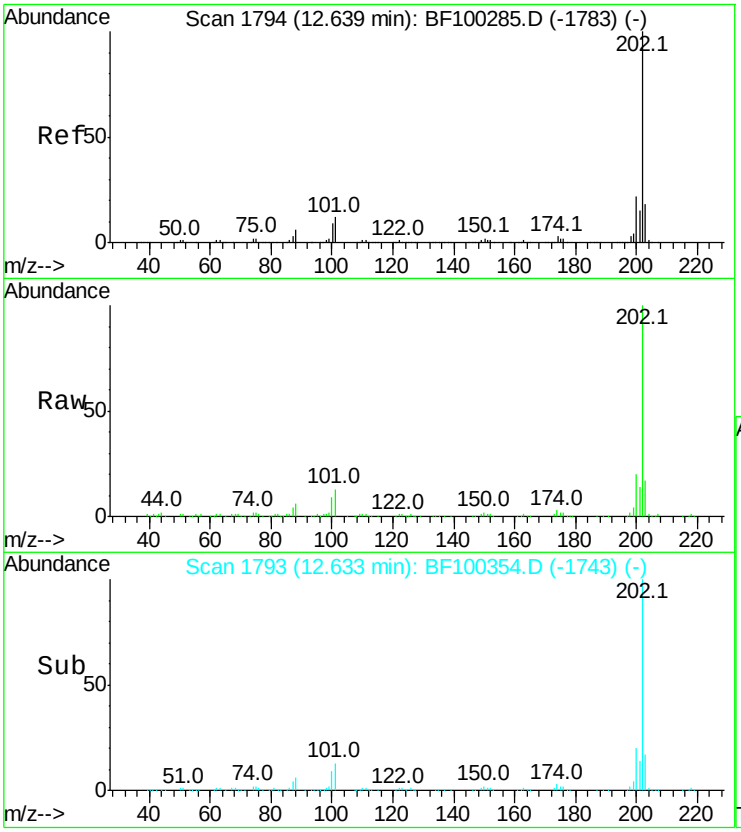


#70
Phenanthrene
Concen: 2.049 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF100354.D
Acq: 9 Nov 2017 21:29

Tgt Ion:178 Resp: 71644

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	16.2	13.0	19.6



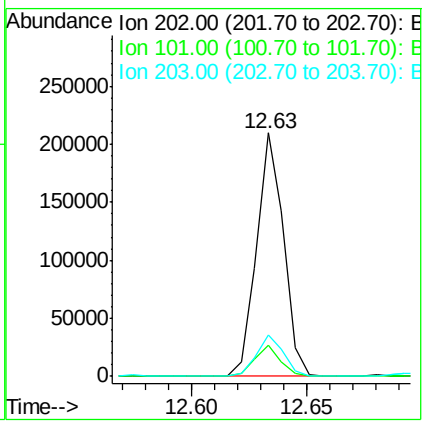


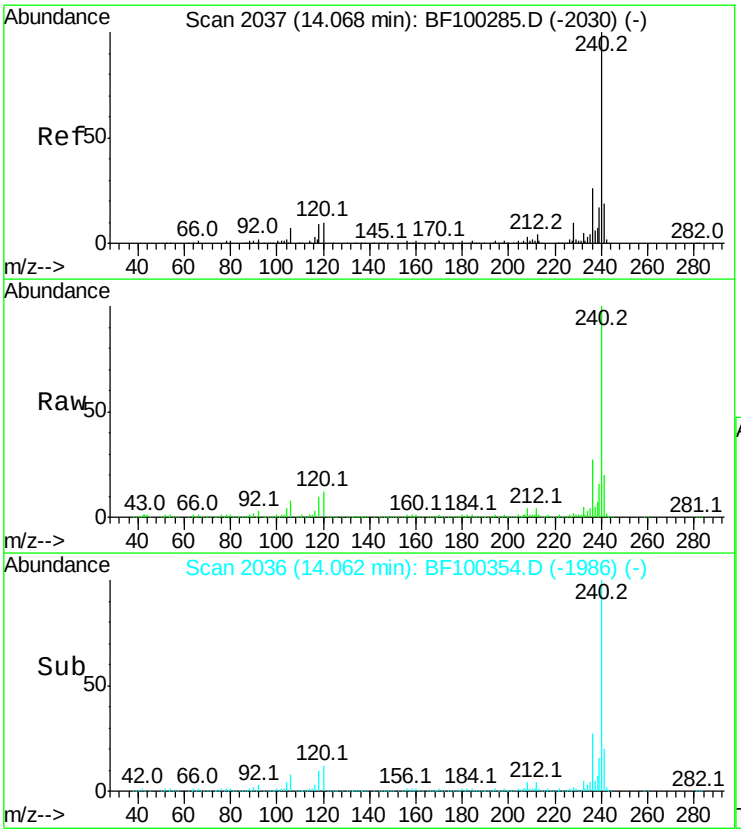
#74
Fluoranthene
Concen: 4.633 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF100354.D
Acq: 9 Nov 2017 21:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 171674

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	34.1
203	17.1	0.0	38.1

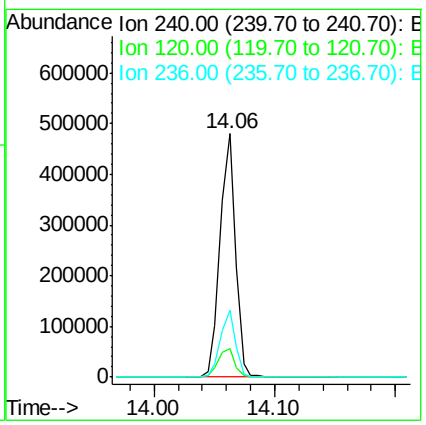


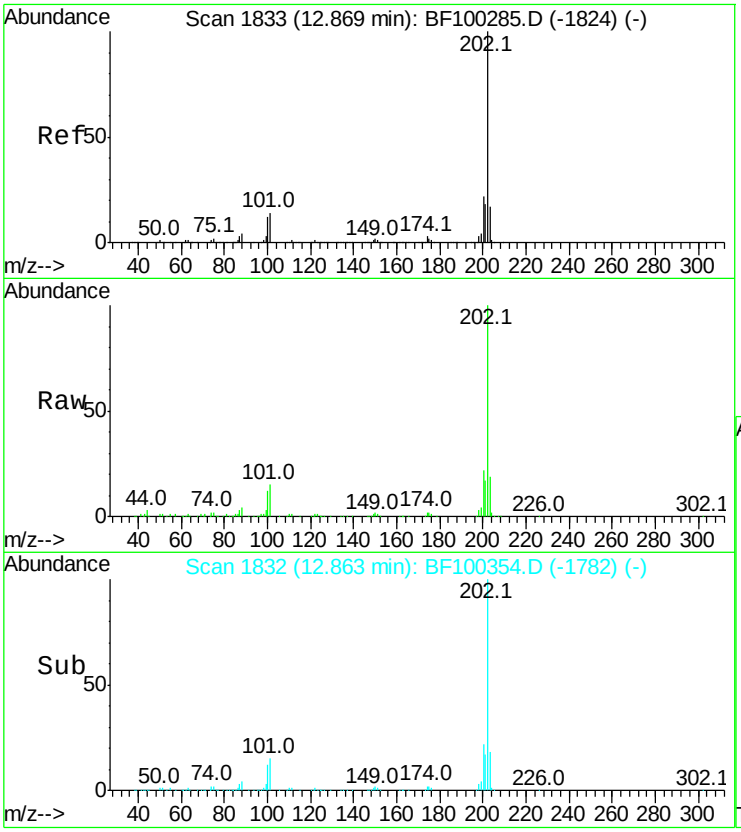


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100354.D
Acq: 9 Nov 2017 21:29

Tgt Ion:240 Resp: 422952

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	27.3	20.7	31.1



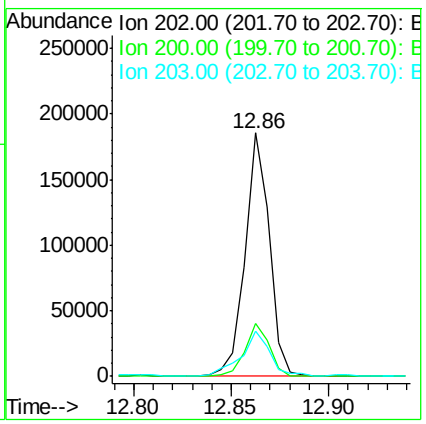


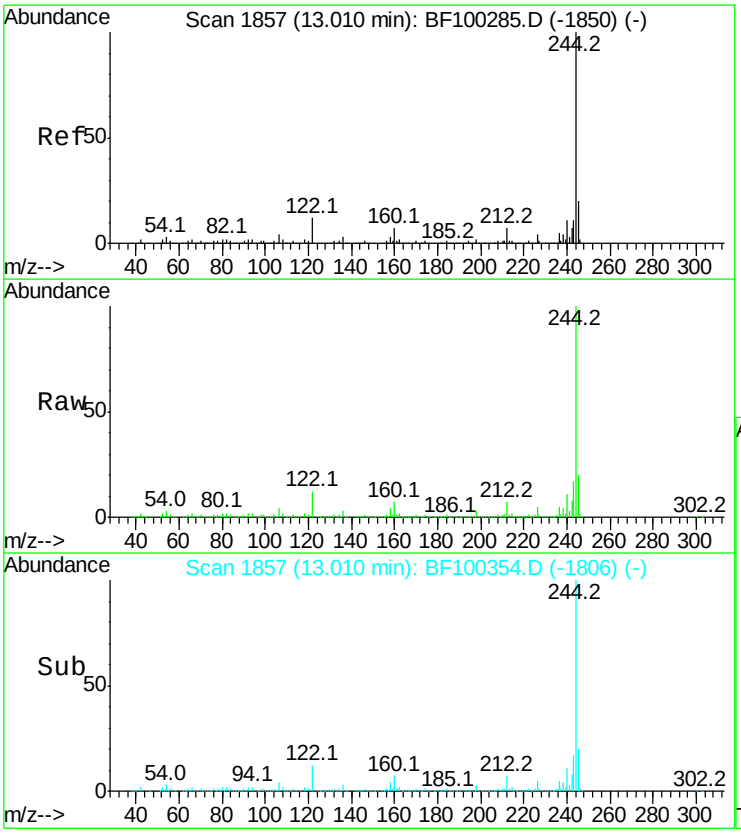
#77
Pyrene
Concen: 5.313 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BF100354.D
Acq: 9 Nov 2017 21:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 160180

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	18.6	14.3	21.5

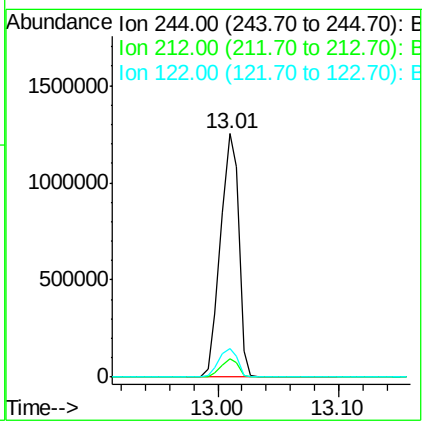


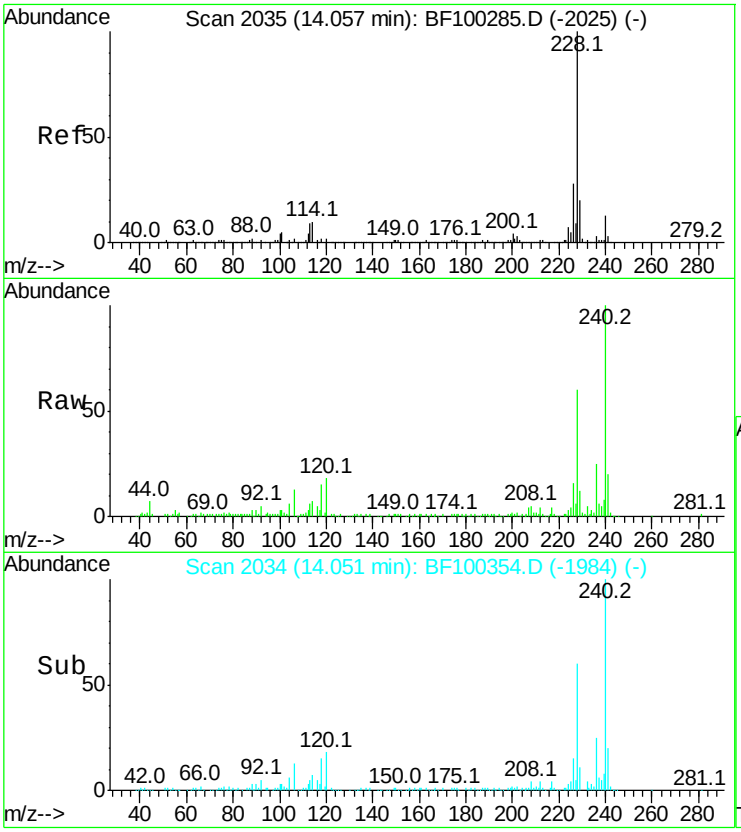


#78
Terphenyl-d14
Concen: 71.130 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.00 min
Lab File: BF100354.D
Acq: 9 Nov 2017 21:29

Tgt Ion:244 Resp: 1309325

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	11.9	11.0	16.4



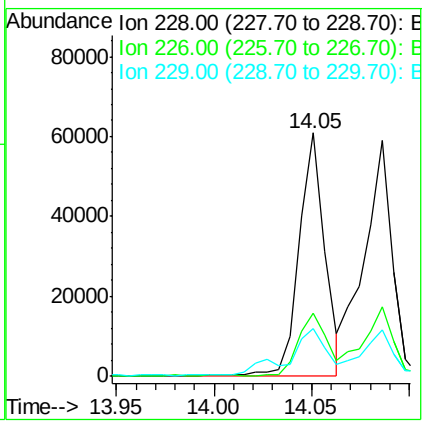


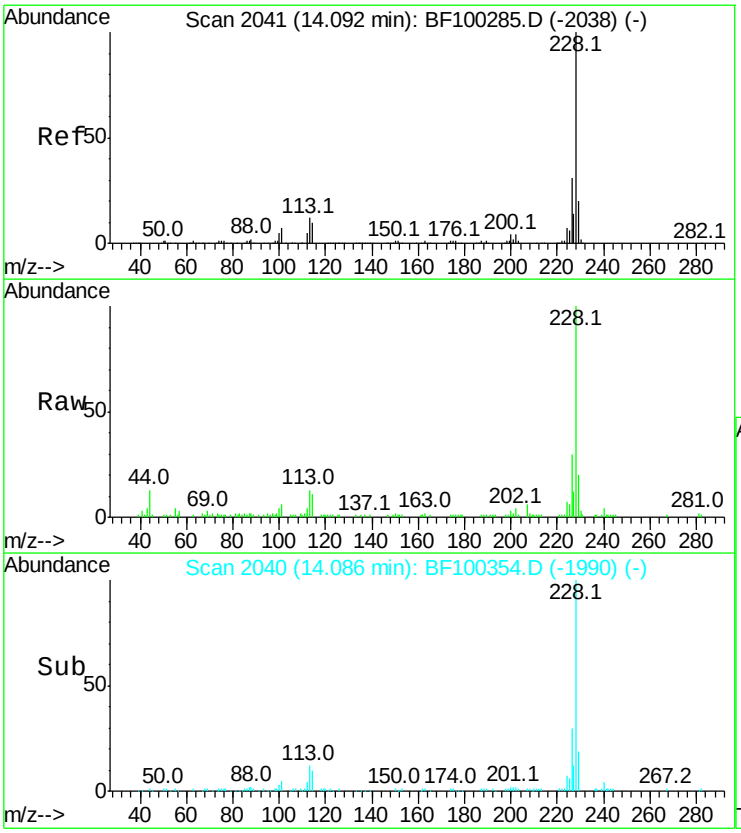
#80
Benzo(a)anthracene
Concen: 2.198 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF100354.D
Acq: 9 Nov 2017 21:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 55992

Ion	Ratio	Lower	Upper
228	100		
226	26.2	22.6	33.8
229	19.4	15.8	23.6

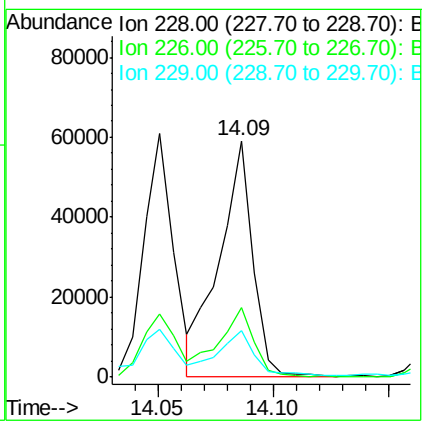


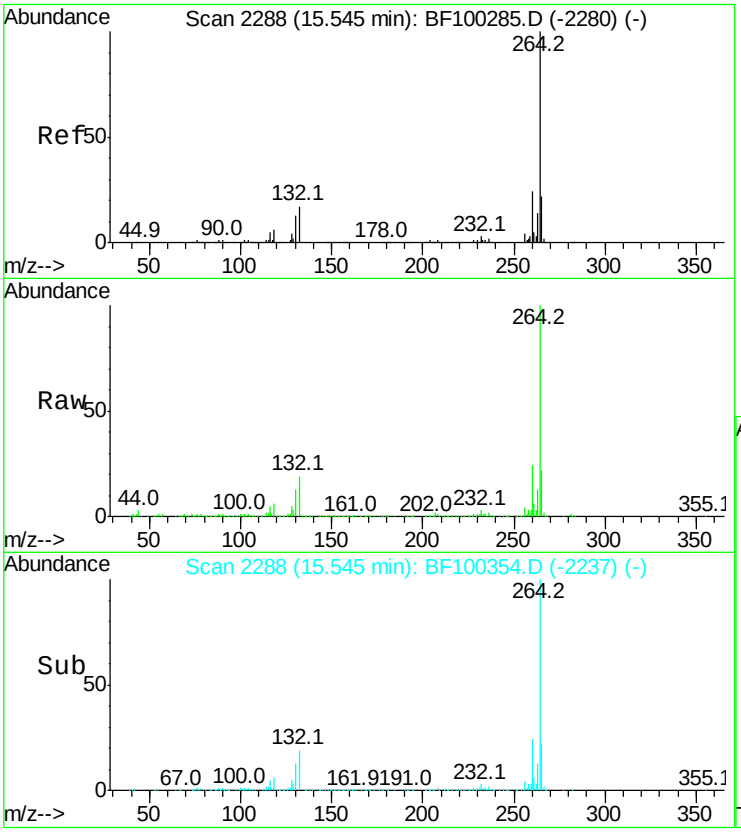


#82
Chrysene
Concen: 2.441 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF100354.D
Acq: 9 Nov 2017 21:29

Tgt Ion:228 Resp: 60204

Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.6
229	19.9	16.2	24.4



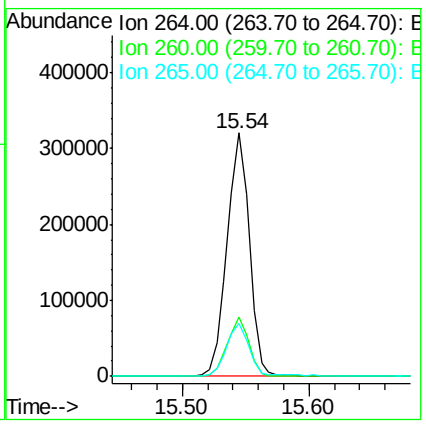


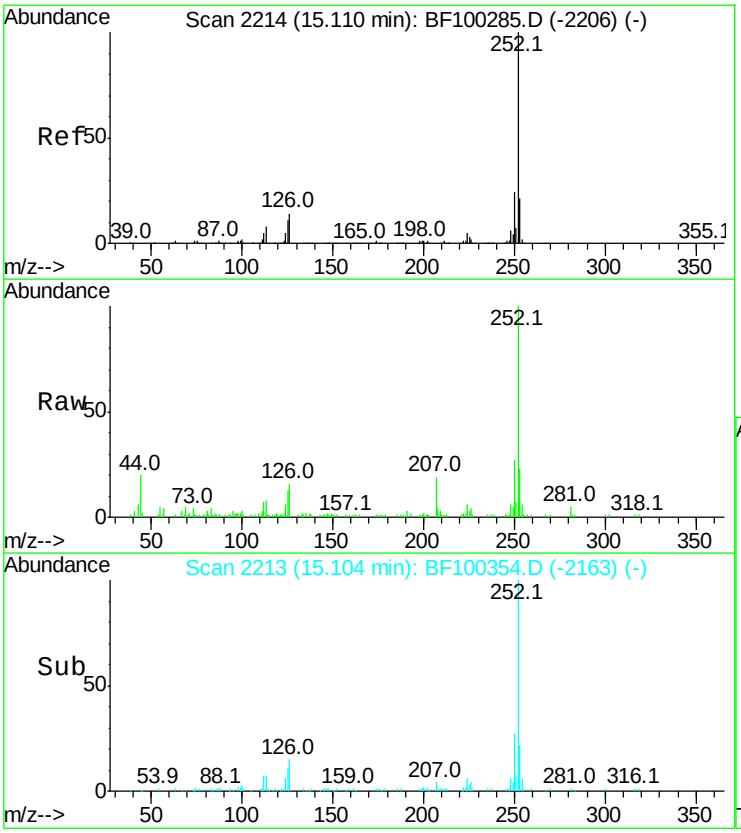
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BF100354.D
Acq: 9 Nov 2017 21:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 389744

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.8	17.5	26.3

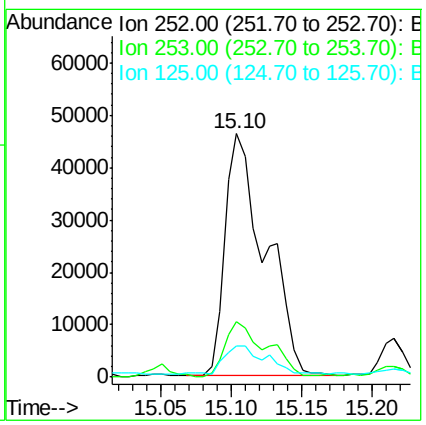


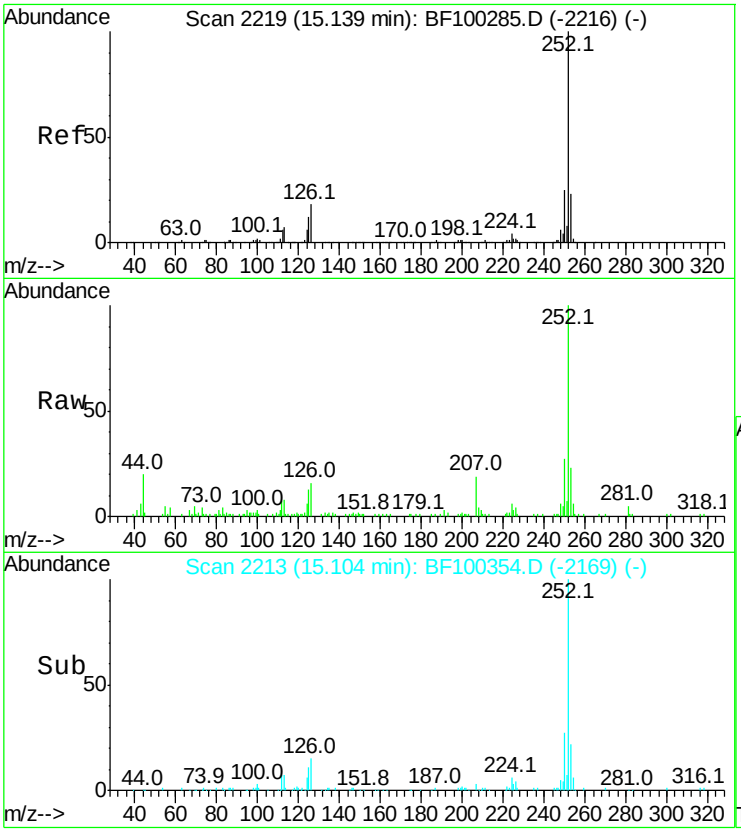


#87
Benzo(b)fluoranthene
Concen: 3.977 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF100354.D
Acq: 9 Nov 2017 21:29

Tgt Ion:252 Resp: 91838

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	12.6	9.0	13.6





#88
Benzo(k)fluoranthene
Concen: 4.209 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.04 min
Lab File: BF100354.D
Acq: 9 Nov 2017 21:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 91838

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	12.6	10.2	15.2