Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100576.D
Acq On : 15 Nov 2017 8:20
Operator : SJ/JU
Sample : I6307-04
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 15 11:11:22 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	97142	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	341191	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	125391	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	207860	20.00	ng		0.00
75) Chrysene-d12	14.04	240	202960	20.00	ng		-0.01
86) Perylene-d12	15.52	264	131902	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	849232	140.14	ng		0.02
7) Phenol-d6	6.51	99	916999	122.71	ng		0.00
23) Nitrobenzene-d5	7.45	82	679370	131.64	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	211953	165.88	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1138107	138.21	ng		0.00
78) Terphenyl-d14	12.99	244	921454	104.32	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	90707	17.503	ng	#	81
25) Isophorone	7.45	82	679362	62.644	ng	#	64
31) Naphthalene	8.19	128	389537	23.704	ng		100
32) Benzoic acid	8.19	122	923	9.570	ng	#	1
33) 4-Chloroaniline	8.19	127	51554	7.537	ng	#	34
37) 2-Methylnaphthalene	8.87	142	30551	2.800	ng		97
47) 2-Nitroaniline	9.24	65	1691	3.469	ng	#	1
50) 2,6-Dinitrotoluene	9.92	165	15742	8.307	ng	#	24
55) 4-Nitrophenol	10.12	139	5214	2.869	ng	#	9
56) 2,4-Dinitrotoluene	9.92	165	15742	6.585	ng	#	21
64) 4,6-Dinitro-2-methylphenol	10.70	198	333	8.831	ng	#	1
66) 4-Bromophenyl-phenylether	10.71	248	13002	5.835	ng	#	1

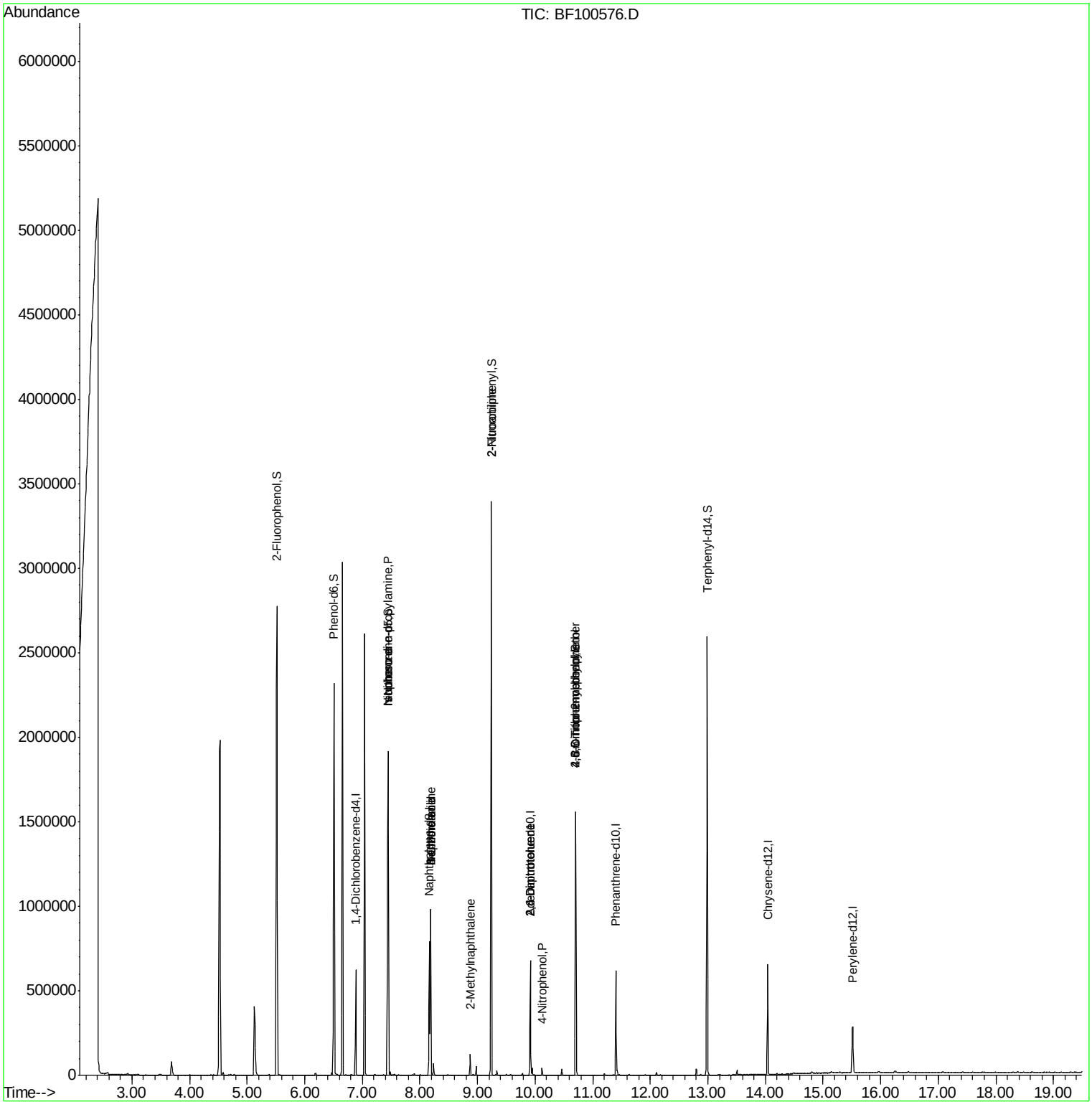
(#) = qualifier out of range (m) = manual integration (+) = signals summed

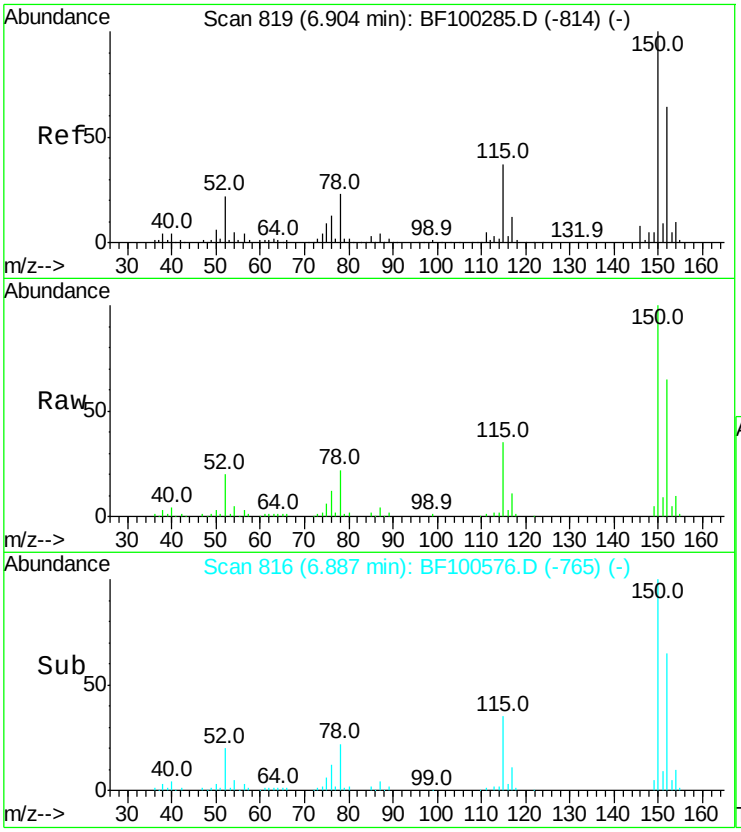
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100576.D
Acq On : 15 Nov 2017 8:20
Operator : SJ/JU
Sample : I6307-04
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 15 11:11:22 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



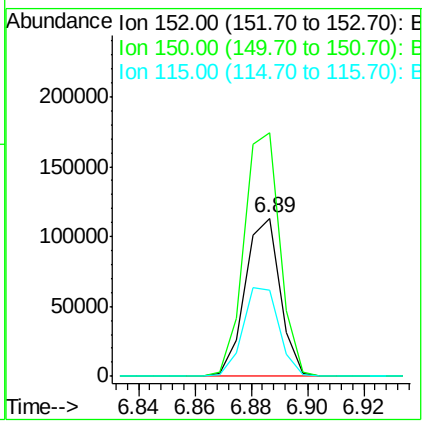


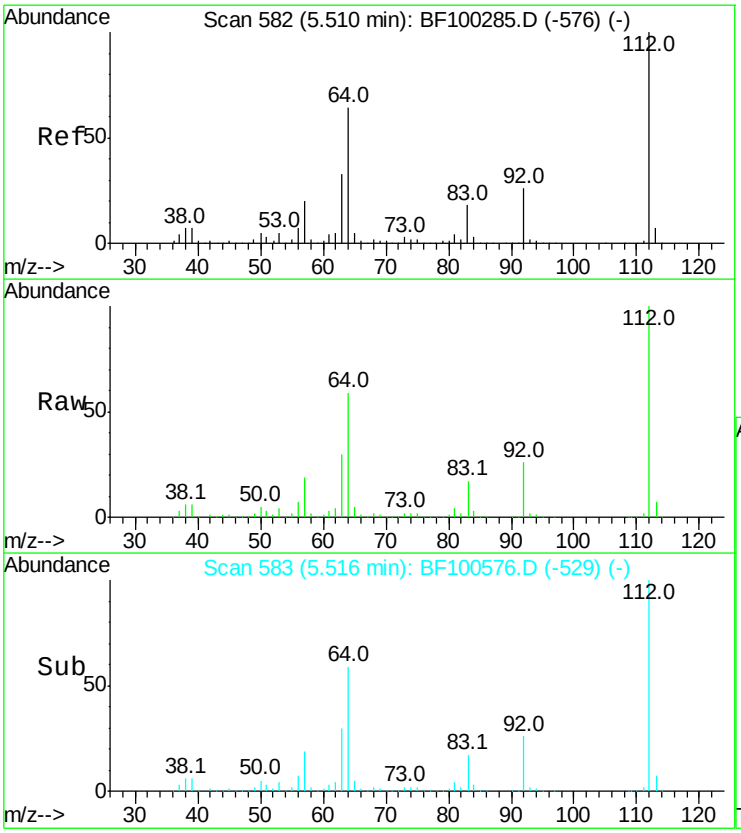
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF100576.D
Acq: 15 Nov 2017 8:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 97142

Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.6	186.8
115	54.5	50.1	75.1

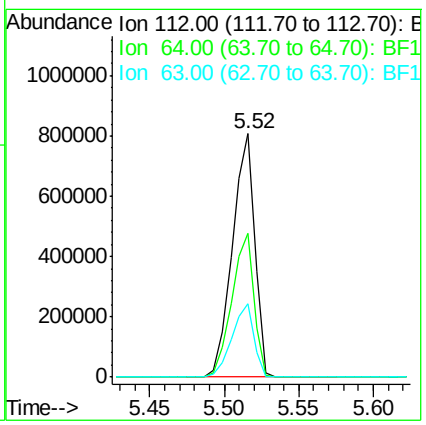


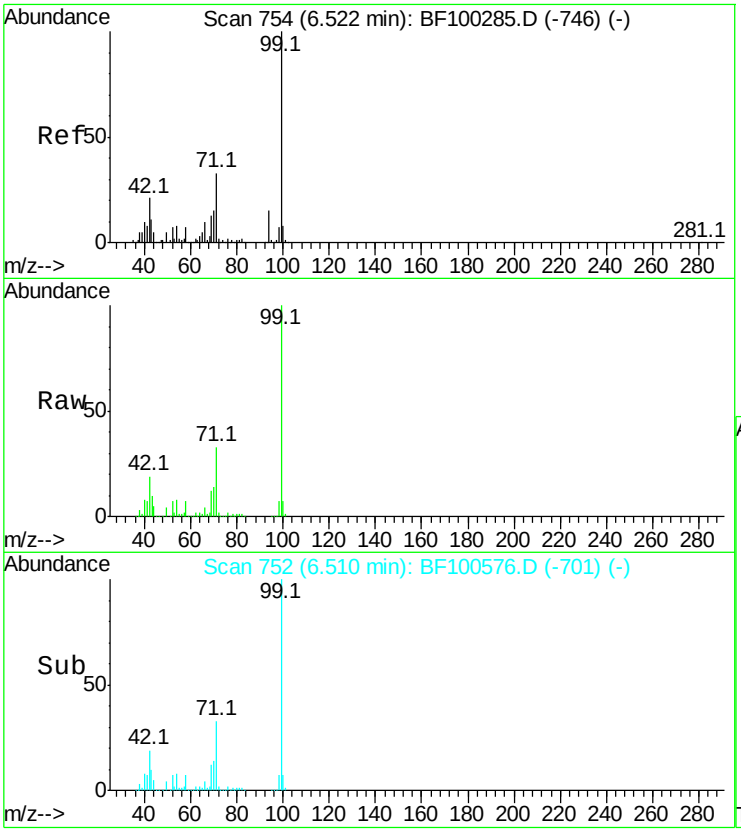


#5
2-Fluorophenol
Concen: 140.136 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF100576.D
Acq: 15 Nov 2017 8:20

Tgt Ion:112 Resp: 849232

Ion	Ratio	Lower	Upper
112	100		
64	59.1	47.9	71.9
63	30.3	23.7	35.5



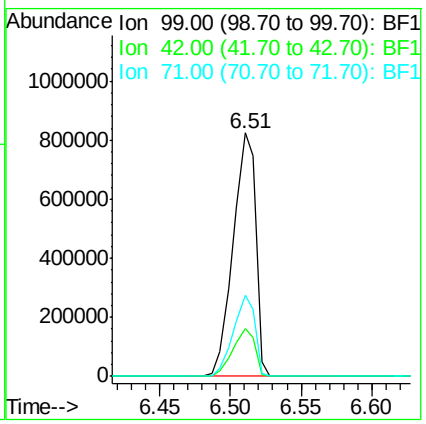


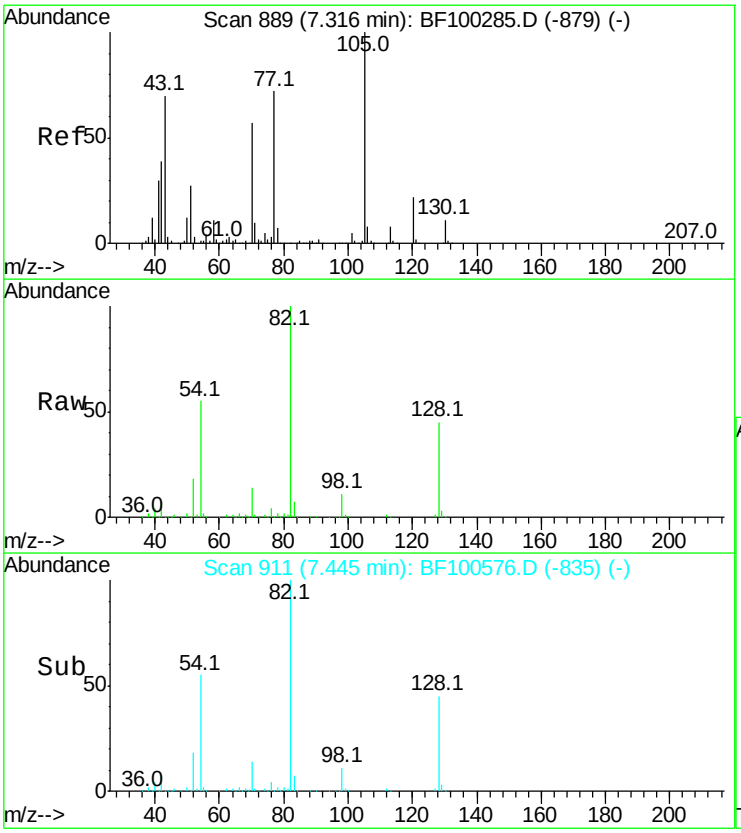
#7
Phenol-d6
Concen: 122.711 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF100576.D
Acq: 15 Nov 2017 8:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 916999

Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.5	21.7
71	33.4	25.4	38.0

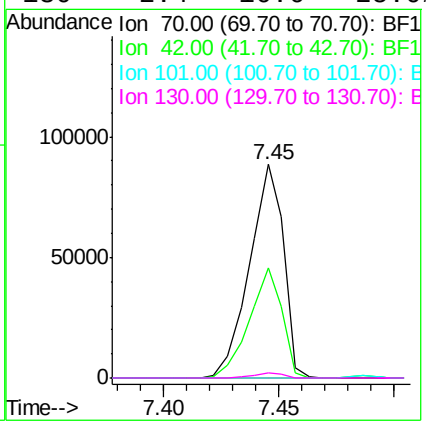


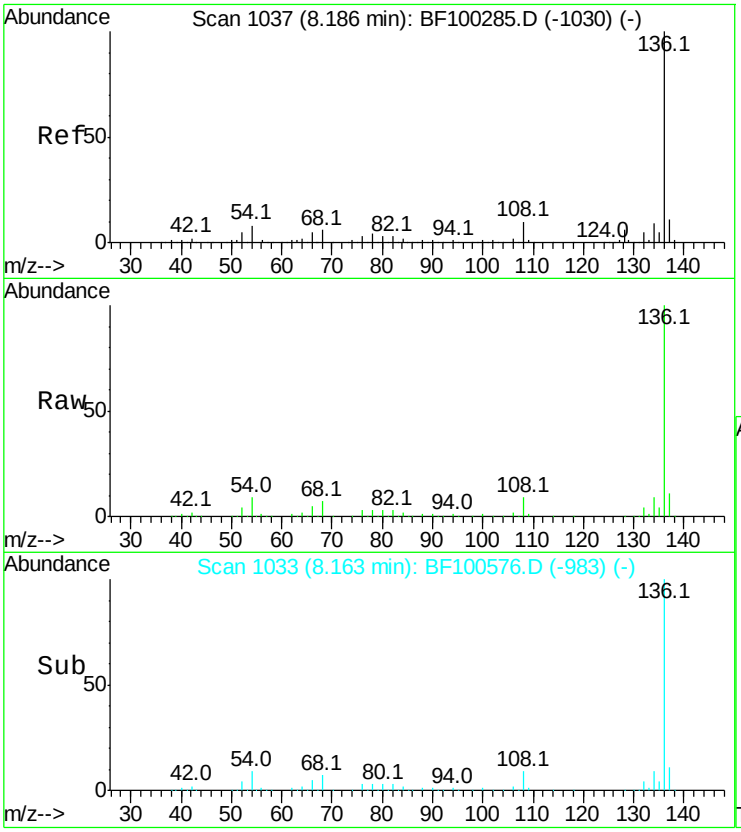


#19
n-Nitroso-di-n-propylamine
Concen: 17.503 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF100576.D
Acq: 15 Nov 2017 8:20

Tgt Ion: 70 Resp: 90707

Ion	Ratio	Lower	Upper
70	100		
42	51.4	47.5	71.3
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



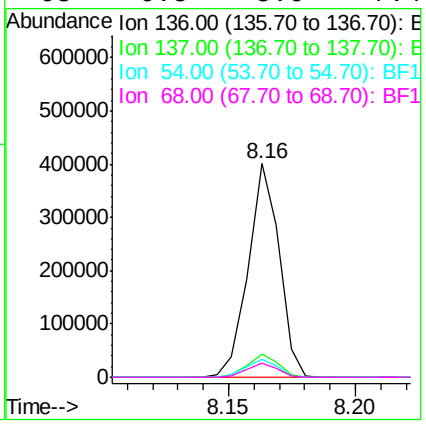


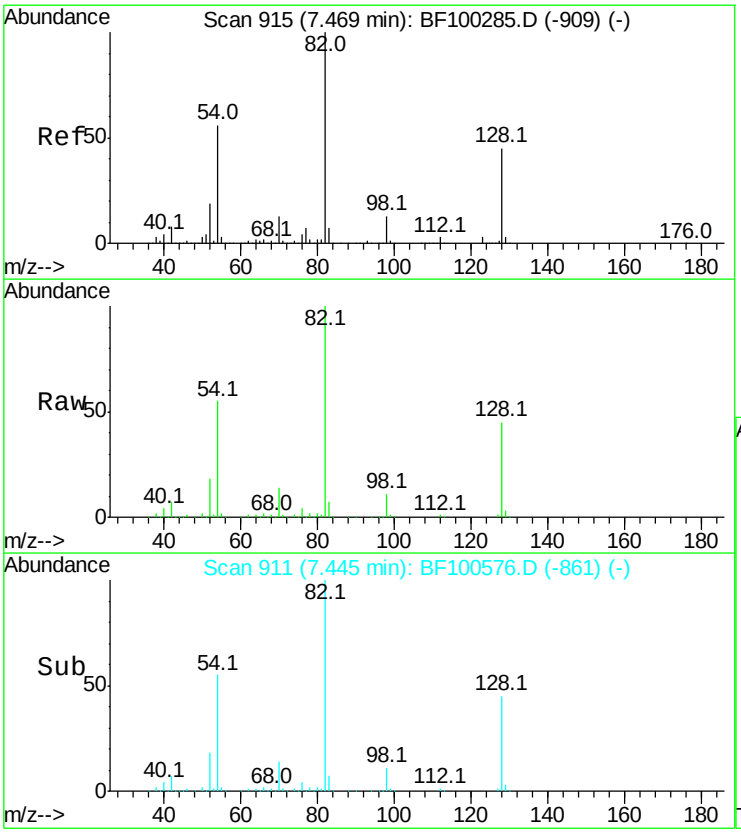
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100576.D
Acq: 15 Nov 2017 8:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 341191

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.6	6.6	9.8
68	6.5	5.0	7.4

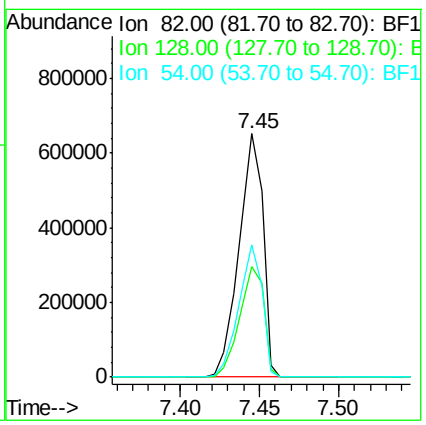


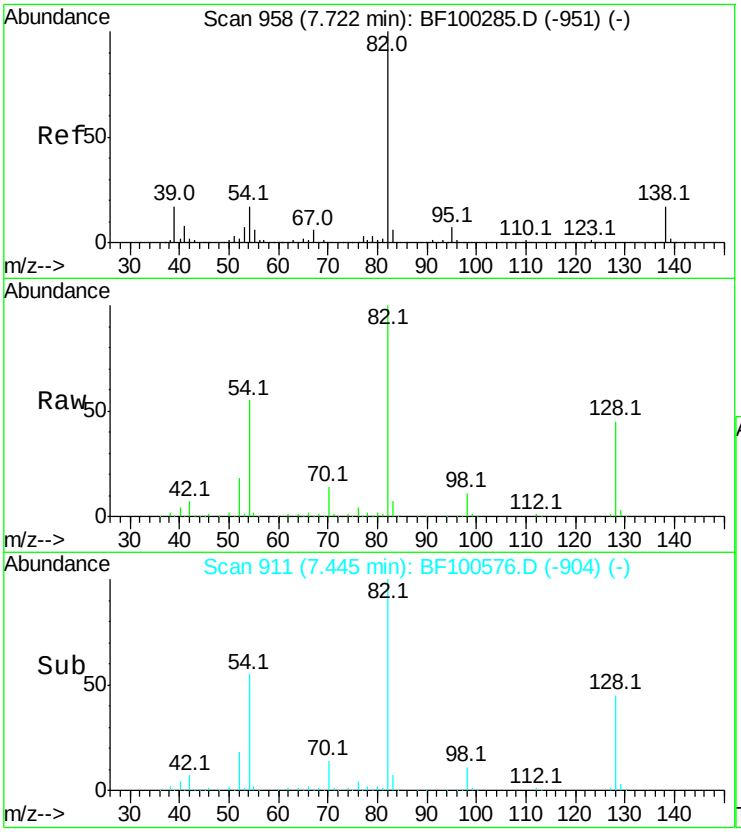


#23
Nitrobenzene-d5
Concen: 131.643 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100576.D
Acq: 15 Nov 2017 8:20

Tgt Ion: 82 Resp: 679370

Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	54.6	41.4	62.2



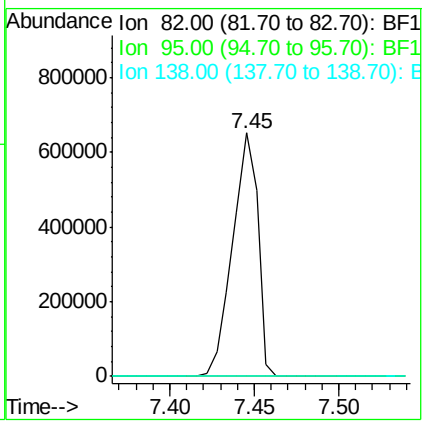


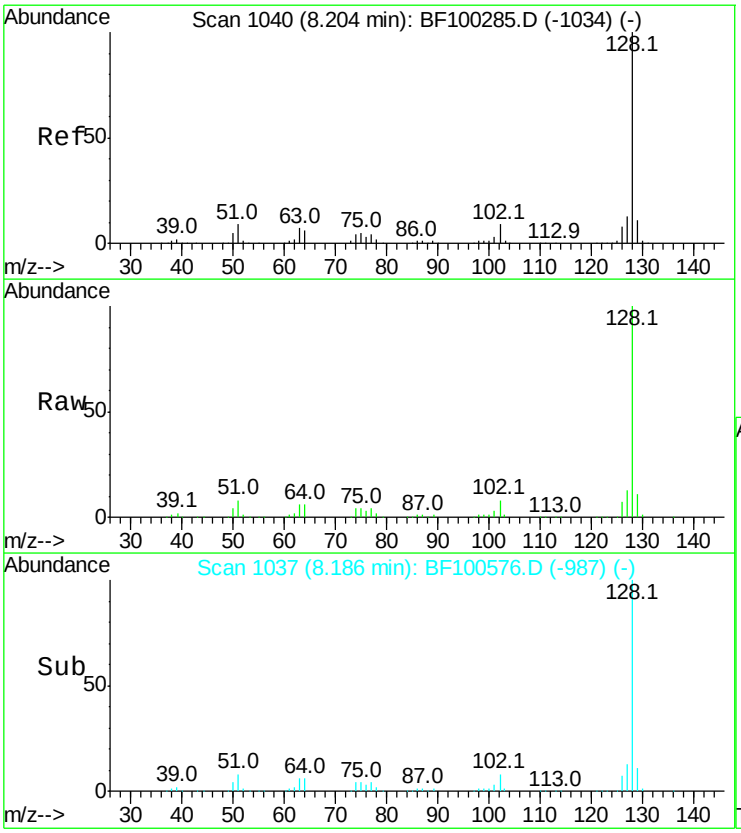
#25
Isophorone
Concen: 62.644 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF100576.D
Acq: 15 Nov 2017 8:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 679362

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

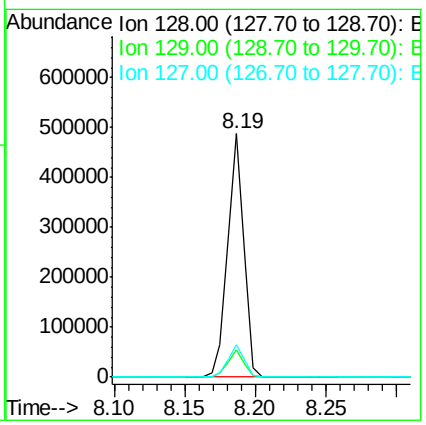


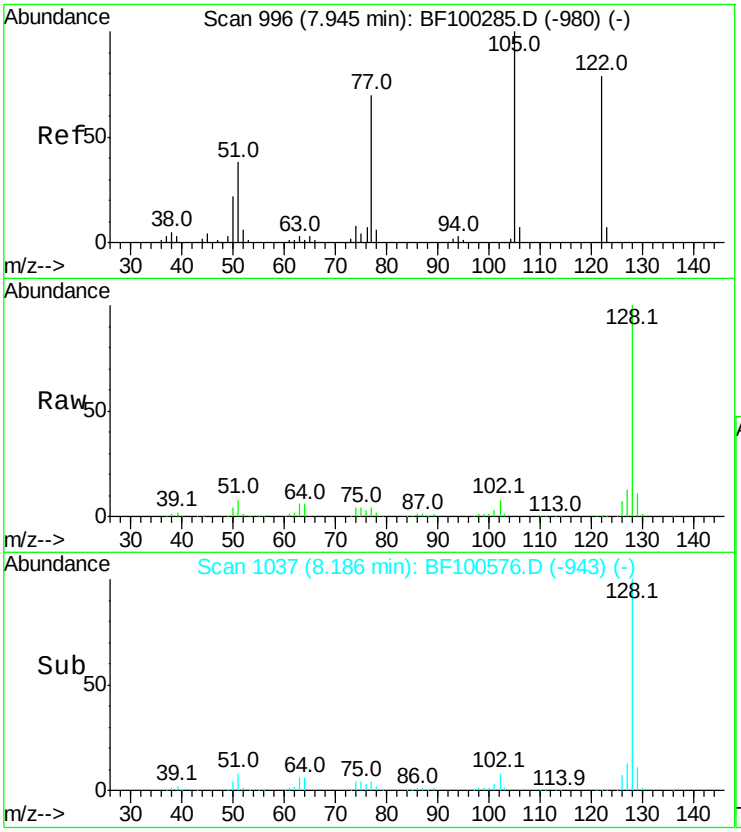


#31
Naphthalene
Concen: 23.704 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF100576.D
Acq: 15 Nov 2017 8:20

Tgt Ion:128 Resp: 389537

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.3	10.9	16.3



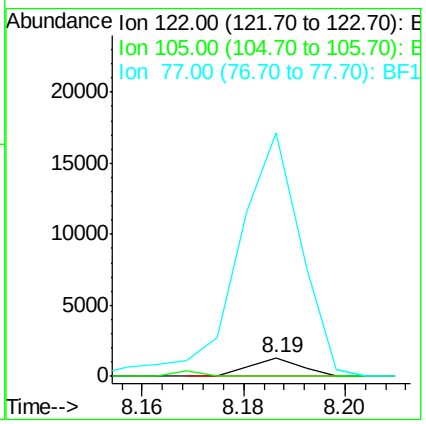


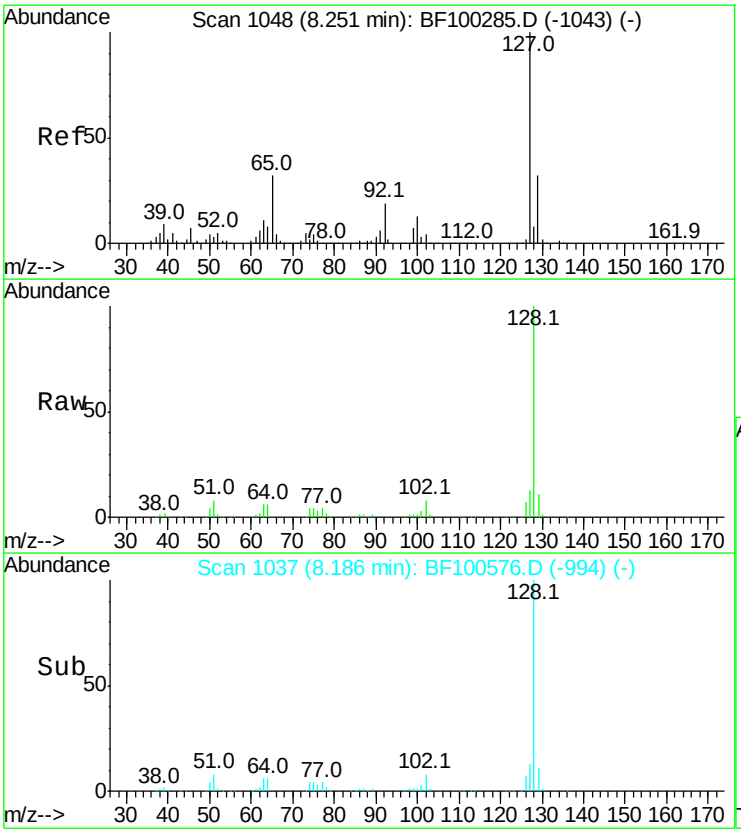
#32
Benzoic acid
Concen: 9.570 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.25 min
Lab File: BF100576.D
Acq: 15 Nov 2017 8:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 923

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	1307.1	70.7	110.7#

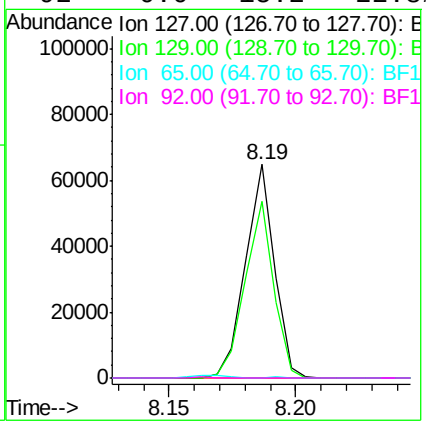


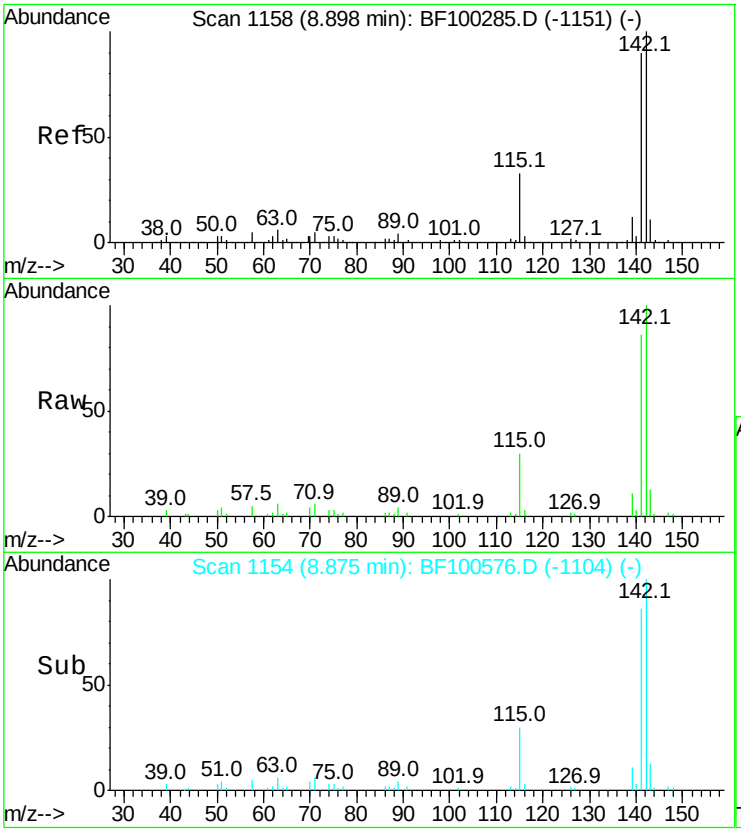


#33
4-Chloroaniline
Concen: 7.537 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.05 min
Lab File: BF100576.D
Acq: 15 Nov 2017 8:20

Tgt Ion:127 Resp: 51554

Ion	Ratio	Lower	Upper
127	100		
129	82.7	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

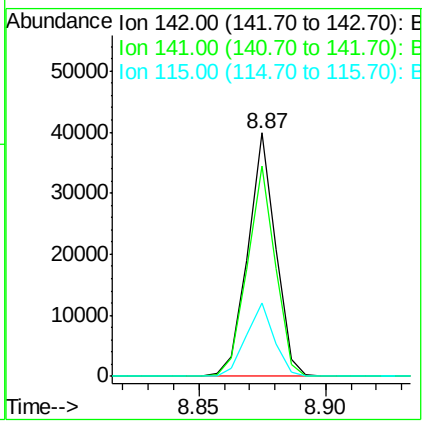




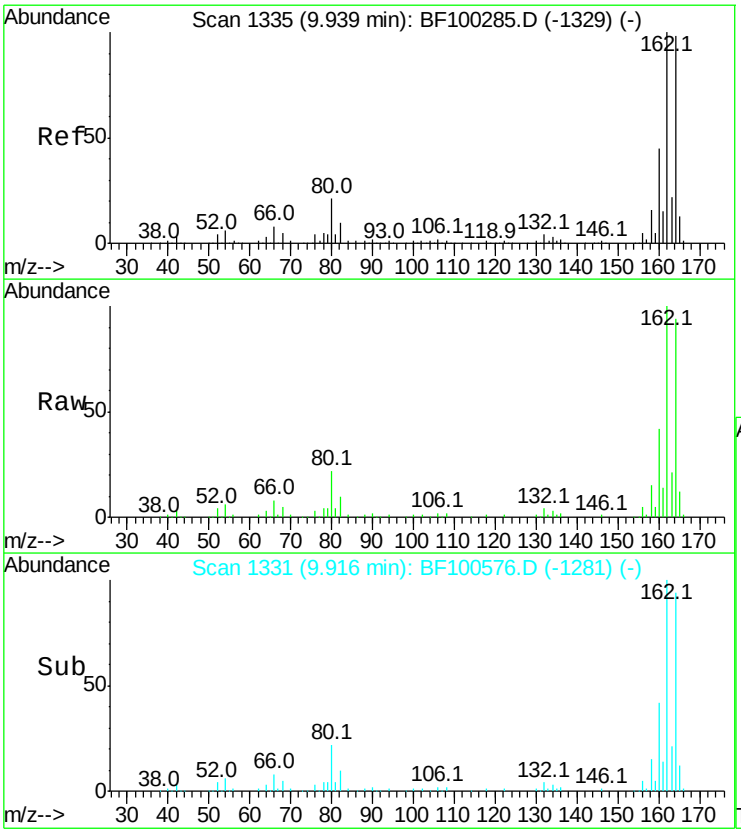
#37
2-Methylnaphthalene
Concen: 2.800 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF100576.D
Acq: 15 Nov 2017 8:20

Tgt Ion:142 Resp: 30551

Ion	Ratio	Lower	Upper
142	100		
141	86.4	70.8	106.2
115	29.9	26.1	39.1



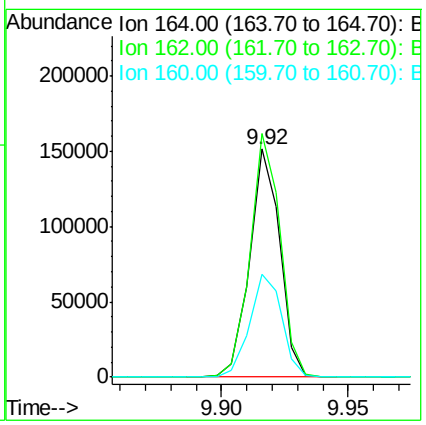
Instrument :
BNA_F
ClientSampleId :

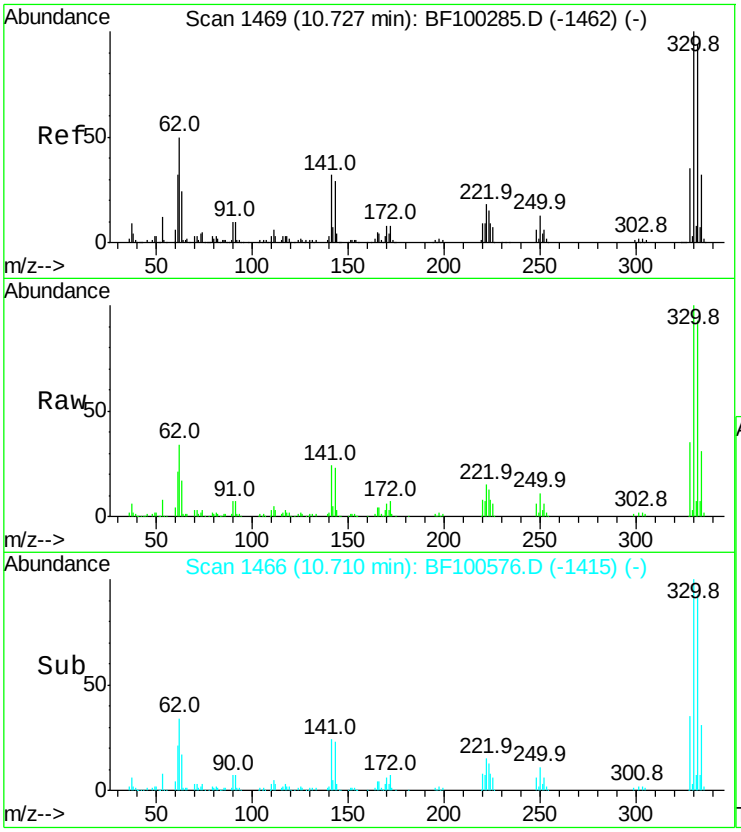


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF100576.D
Acq: 15 Nov 2017 8:20

Tgt Ion:164 Resp: 125391

Ion	Ratio	Lower	Upper
164	100		
162	106.9	86.1	129.1
160	45.3	38.3	57.5



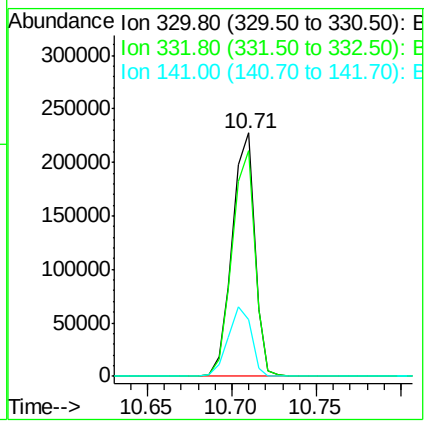


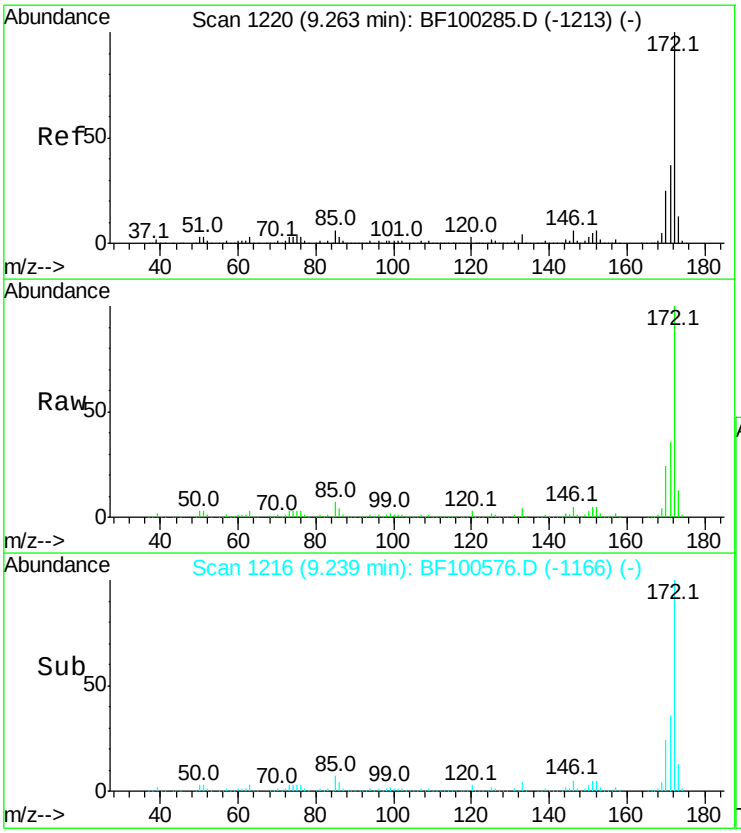
#41
2,4,6-Tribromophenol
Concen: 165.882 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF100576.D
Acq: 15 Nov 2017 8:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 211953

Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.0	115.6
141	29.2	29.9	44.9#

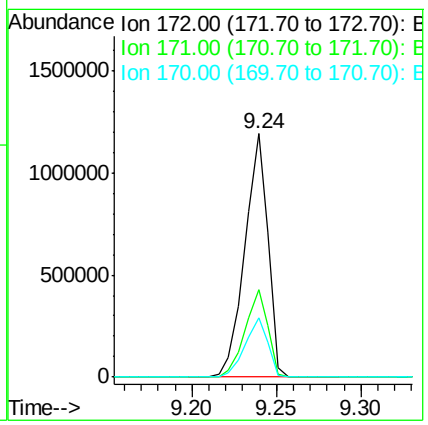


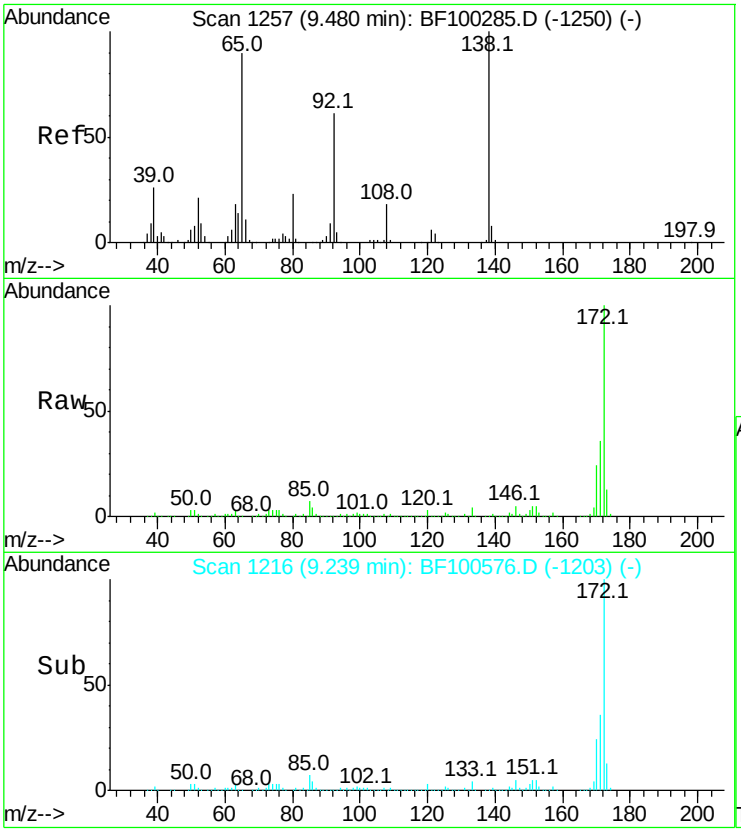


#44
2-Fluorobiphenyl
Concen: 138.208 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF100576.D
Acq: 15 Nov 2017 8:20

Tgt Ion:172 Resp: 1138107

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.4	19.6	29.4



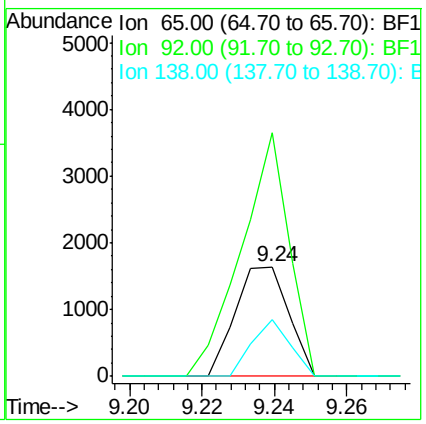


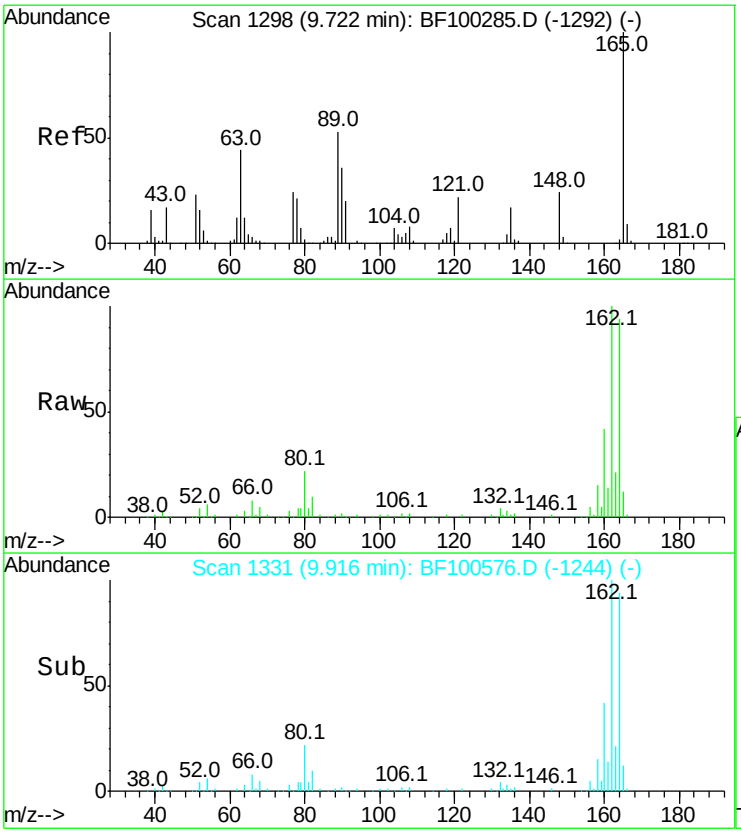
#47
2-Nitroaniline
Concen: 3.469 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.22 min
Lab File: BF100576.D
Acq: 15 Nov 2017 8:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 1691

Ion	Ratio	Lower	Upper
65	100		
92	221.9	55.8	83.6#
138	52.2	91.2	136.8#

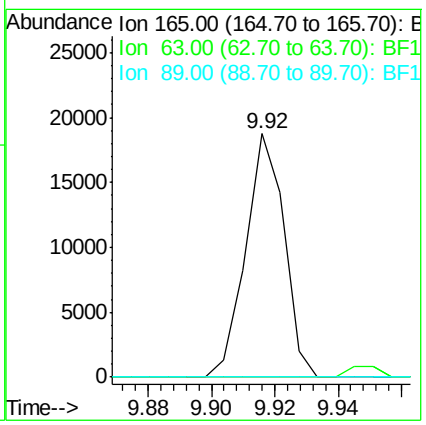


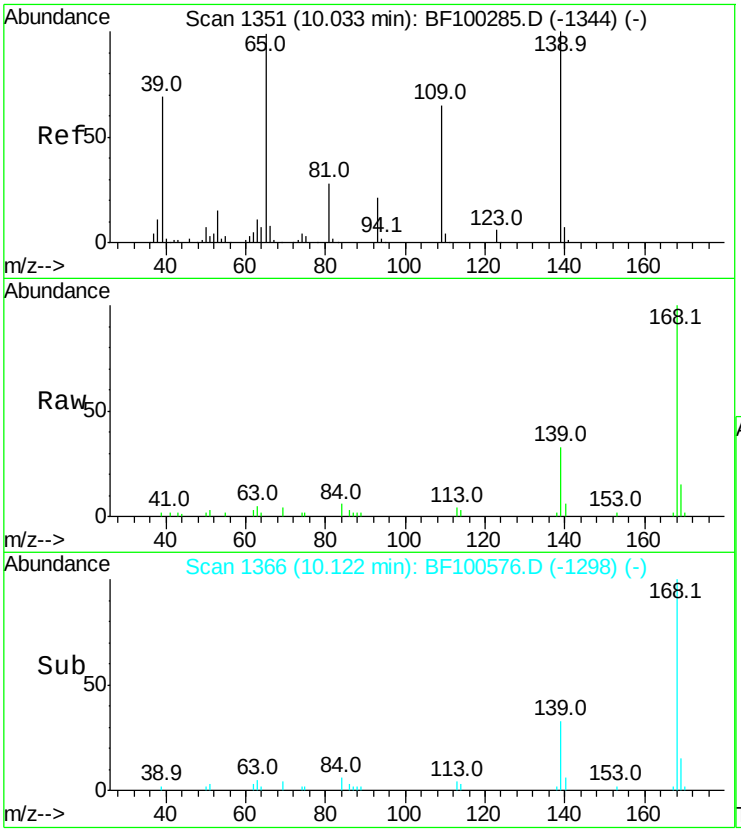


#50
2,6-Dinitrotoluene
Concen: 8.307 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF100576.D
Acq: 15 Nov 2017 8:20

Tgt Ion:165 Resp: 15742

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



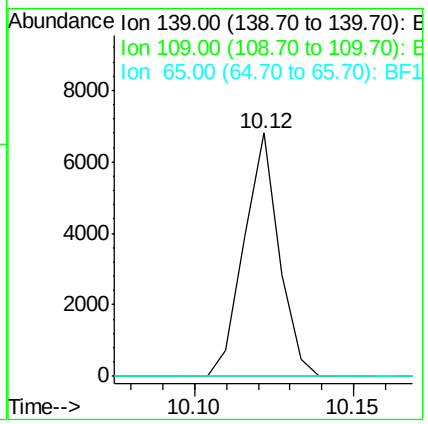


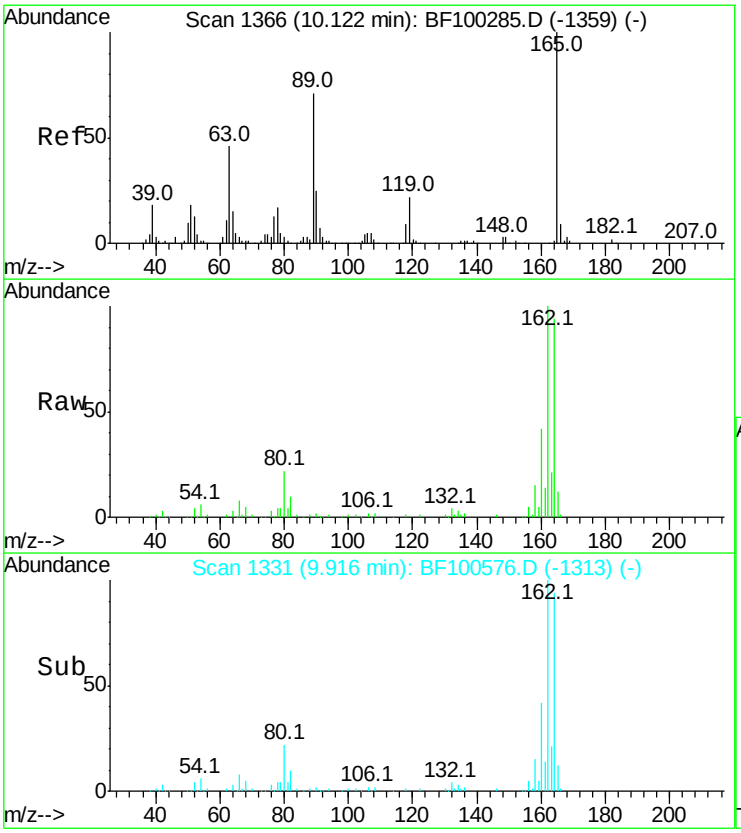
#55
4-Nitrophenol
Concen: 2.869 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.10 min
Lab File: BF100576.D
Acq: 15 Nov 2017 8:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 5214

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#

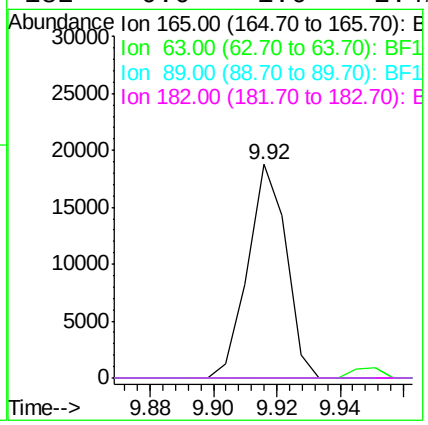


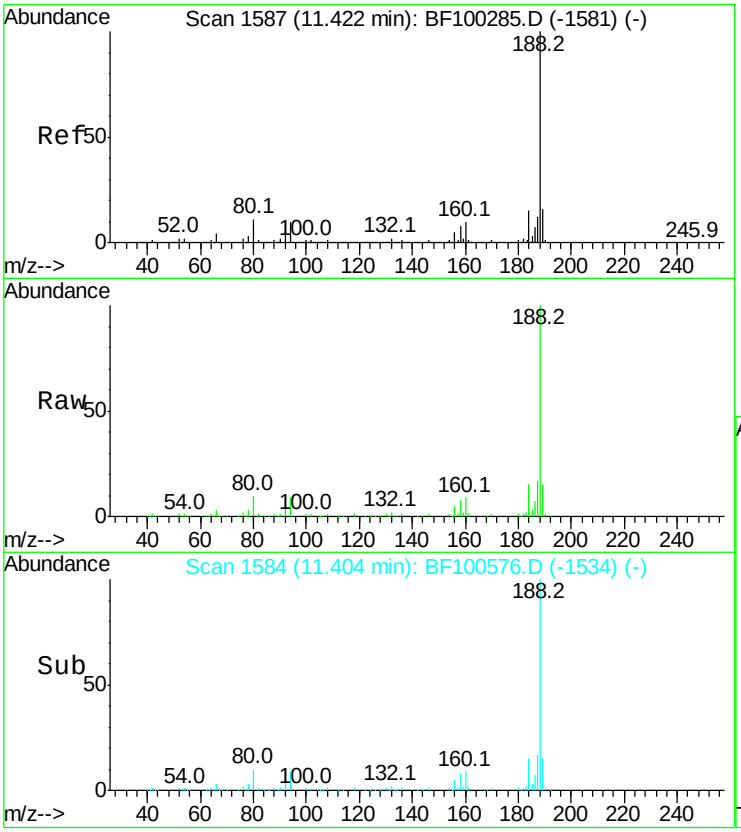


#56
2,4-Dinitrotoluene
Concen: 6.585 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF100576.D
Acq: 15 Nov 2017 8:20

Tgt Ion:165 Resp: 15742

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



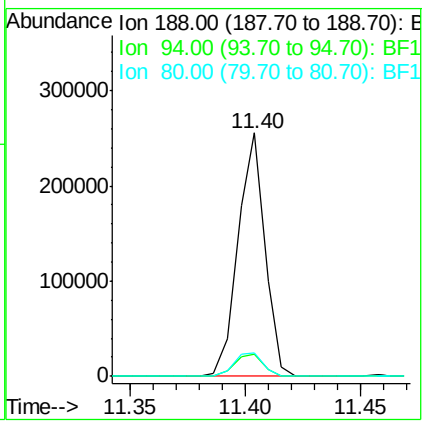


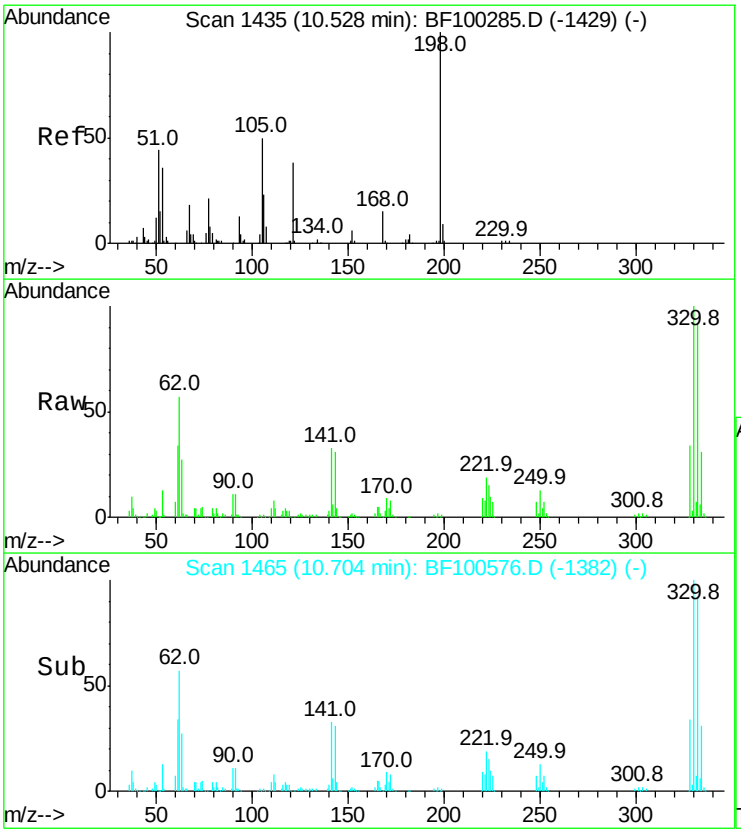
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100576.D
Acq: 15 Nov 2017 8:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 207860

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.5	12.7
80	9.8	9.2	13.8

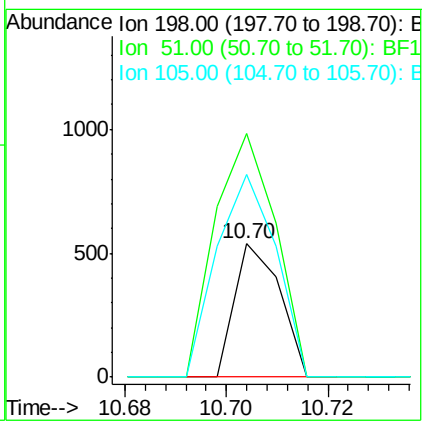


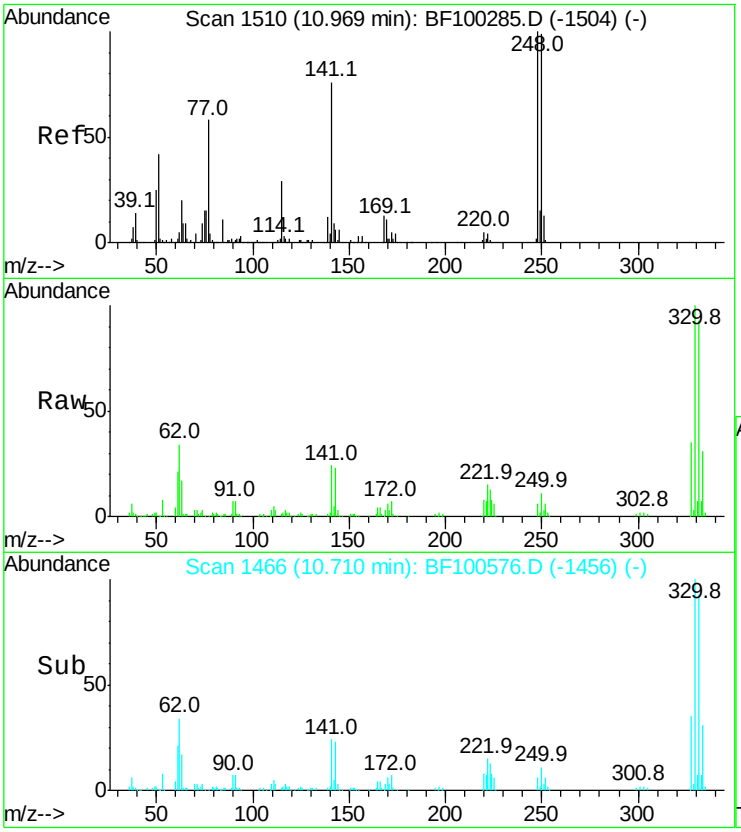


#64
4,6-Dinitro-2-methylphenol
Concen: 8.831 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.19 min
Lab File: BF100576.D
Acq: 15 Nov 2017 8:20

Tgt Ion:198 Resp: 333

Ion	Ratio	Lower	Upper
198	100		
51	182.4	37.7	77.7#
105	152.1	36.3	76.3#



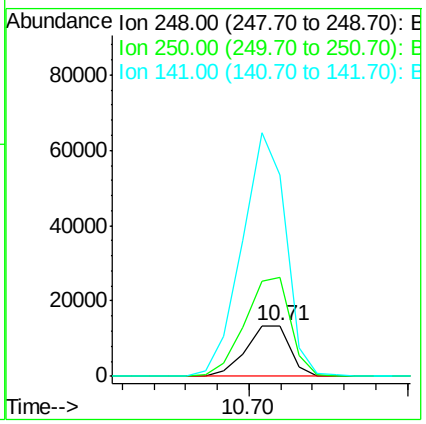


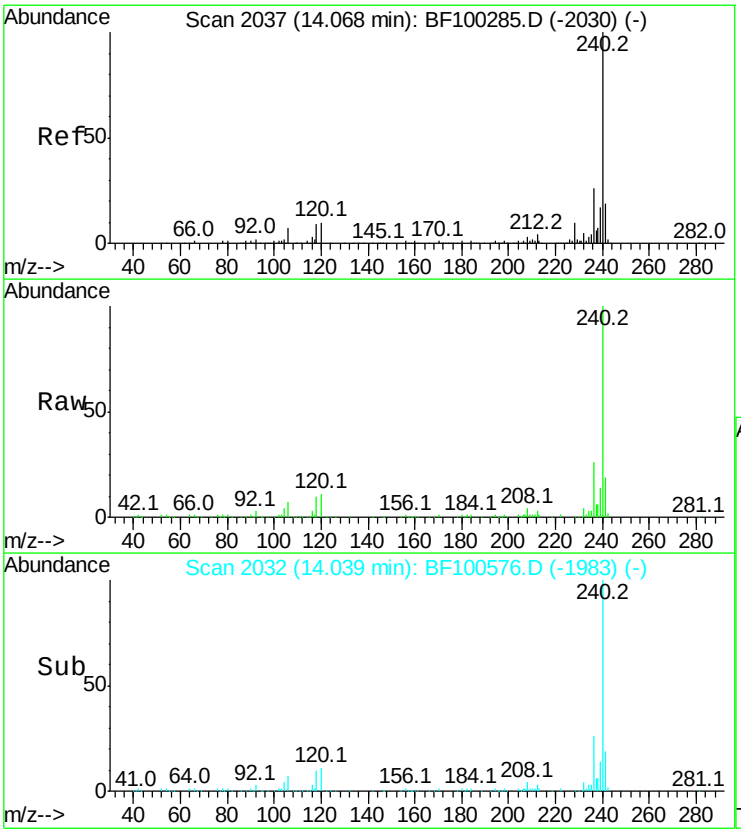
#66
4-Bromophenyl-phenylether
Concen: 5.835 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF100576.D
Acq: 15 Nov 2017 8:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 13002

Ion	Ratio	Lower	Upper
248	100		
250	193.5	76.9	115.3#
141	396.9	74.4	111.6#

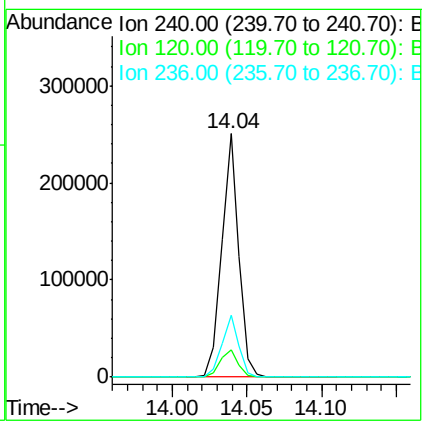


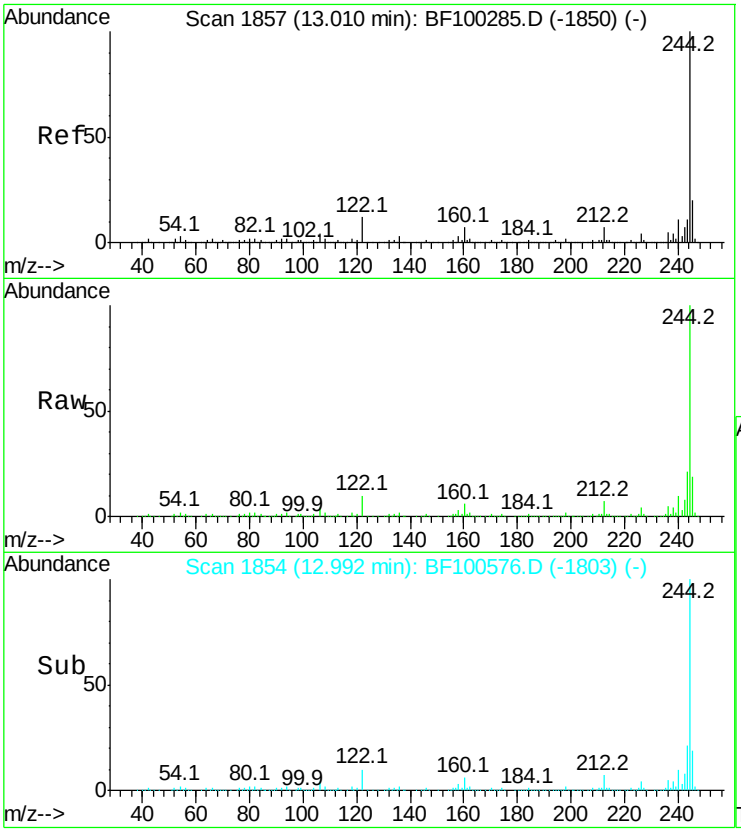


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100576.D
Acq: 15 Nov 2017 8:20

Tgt Ion:240 Resp: 202960

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.5	14.3
236	25.5	20.7	31.1



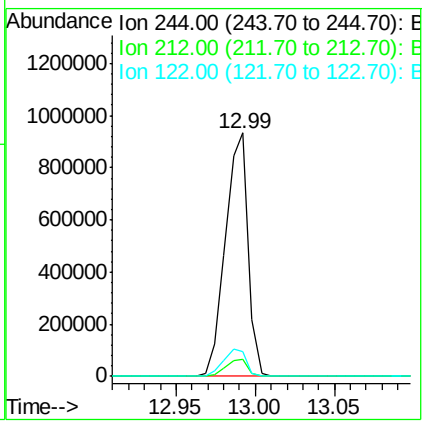


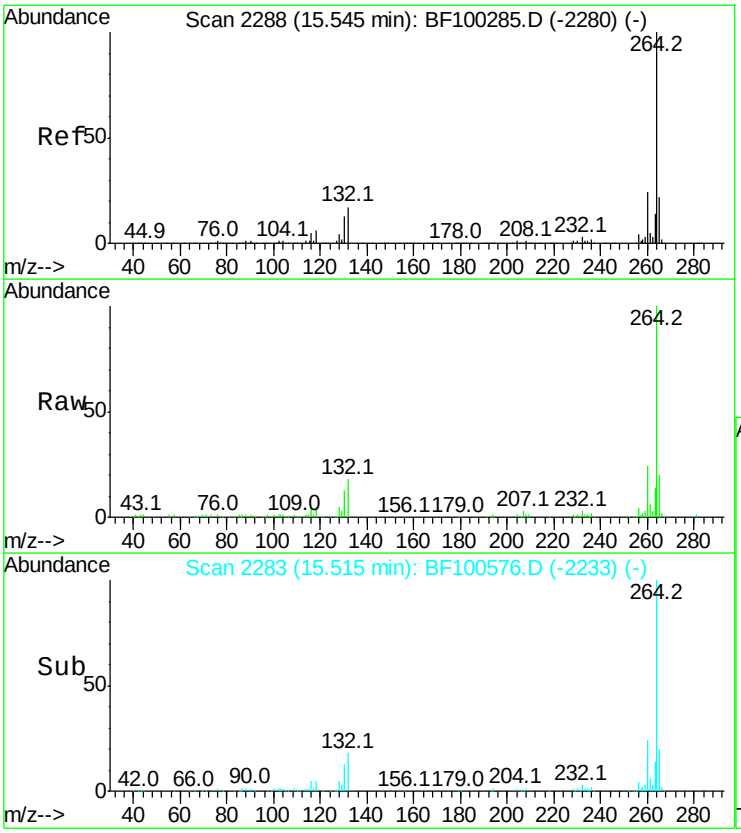
#78
Terphenyl-d14
Concen: 104.318 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.00 min
Lab File: BF100576.D
Acq: 15 Nov 2017 8:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 921454

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.2	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BF100576.D
Acq: 15 Nov 2017 8:20

Tgt Ion:264 Resp: 131902

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	20.4	17.5	26.3