Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
Data File : BF100775.D
Acq On : 21 Nov 2017 12:56
Operator : SJ/JU
Sample : I6300-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 22 04:05:38 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	76472	20.00	ng		-0.01
21) Naphthalene-d8	8.15	136	306992	20.00	ng		-0.02
38) Acenaphthene-d10	9.90	164	148945	20.00	ng		-0.02
63) Phenanthrene-d10	11.40	188	310014	20.00	ng		0.00
75) Chrysene-d12	14.03	240	271174	20.00	ng		-0.01
86) Perylene-d12	15.50	264	199268	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	610492	127.97	ng		0.01
7) Phenol-d6	6.50	99	683335	116.16	ng		-0.01
23) Nitrobenzene-d5	7.43	82	525095	113.08	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	257749	169.82	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1110808	113.56	ng		-0.01
78) Terphenyl-d14	12.99	244	1178420	99.85	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.65	77	14223	3.39	ng		85
19) n-Nitroso-di-n-propylamine	7.43	70	68460	16.78	ng	#	80
25) Isophorone	7.43	82	525043	53.81	ng	#	64
31) Naphthalene	8.17	128	31507	2.13	ng		99
32) Benzoic acid	7.85	122	3423	10.19	ng		90
47) 2-Nitroaniline	9.23	65	1517	3.30	ng	#	7
50) 2,6-Dinitrotoluene	9.90	165	19550	8.68	ng	#	24
56) 2,4-Dinitrotoluene	9.90	165	19550	6.88	ng	#	21
64) 4,6-Dinitro-2-methylphenol	10.70	198	289	8.72	ng	#	1
66) 4-Bromophenyl-phenylether	10.70	248	15846	4.77	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
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Acq On : 21 Nov 2017 12:56
Operator : SJ/JU
Sample : I6300-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 22 04:05:38 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
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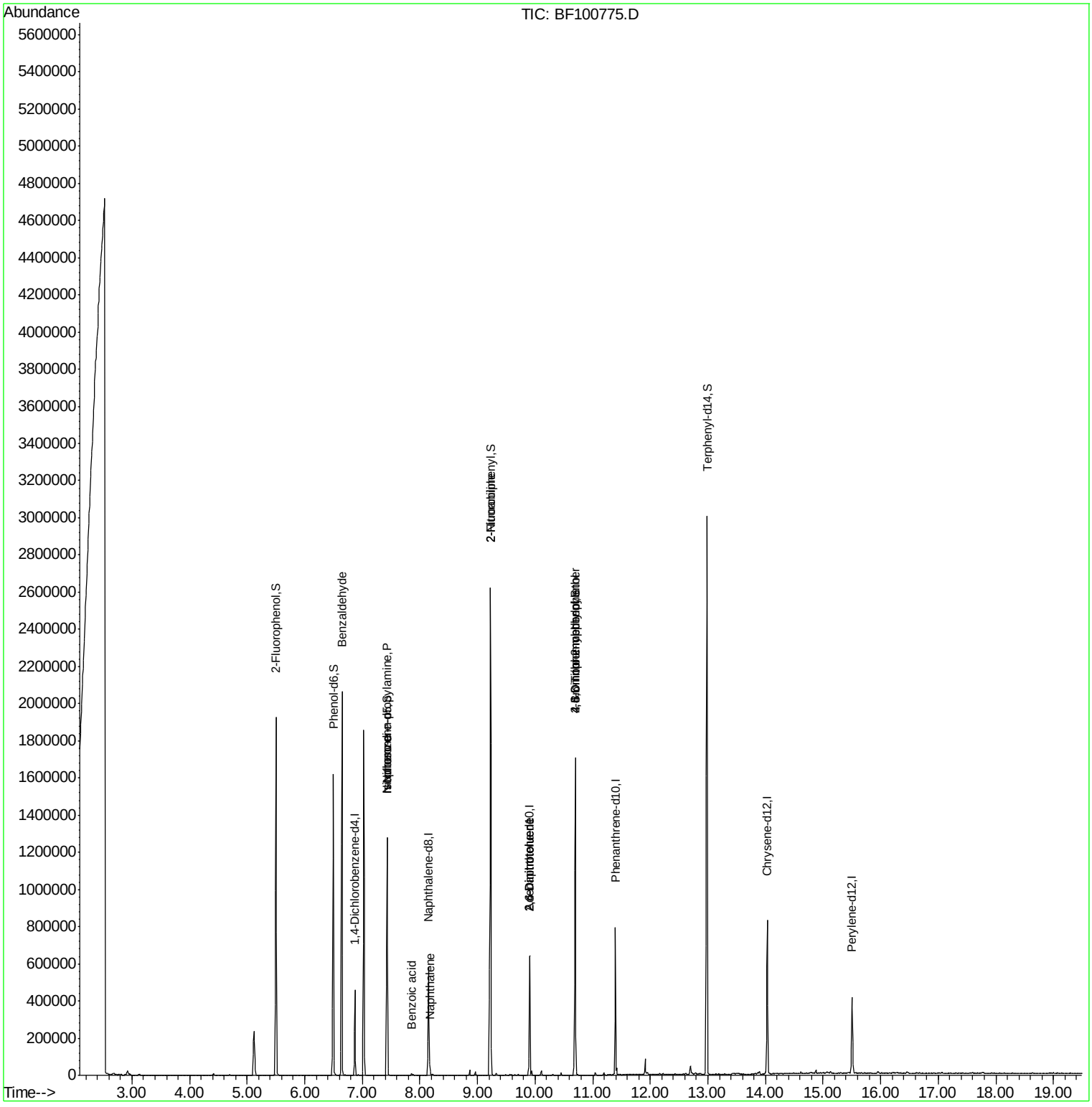
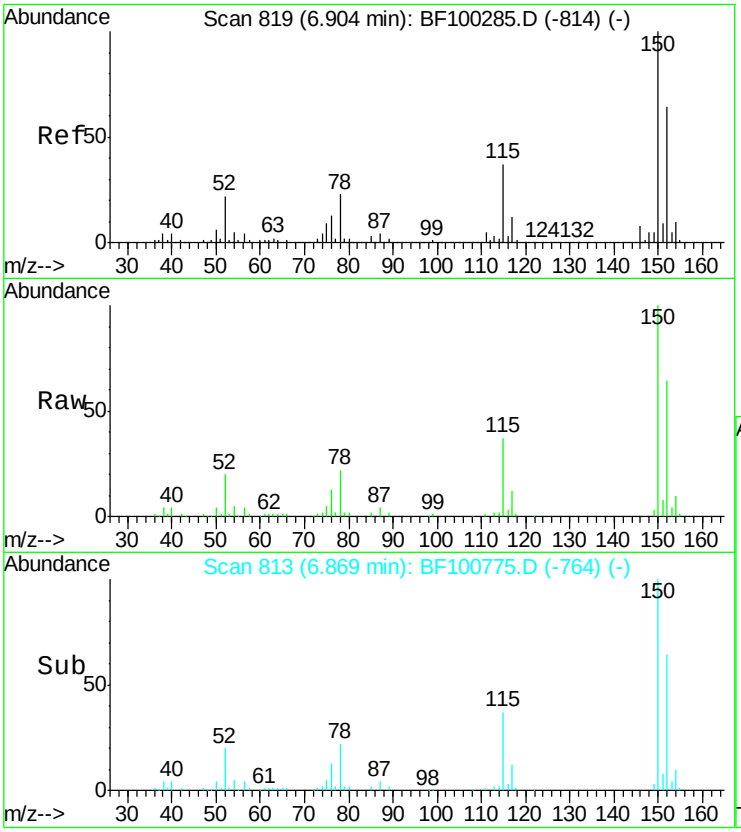


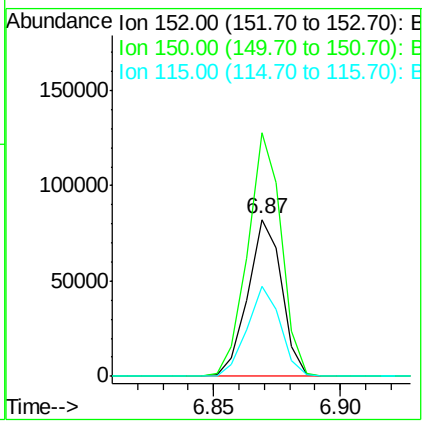


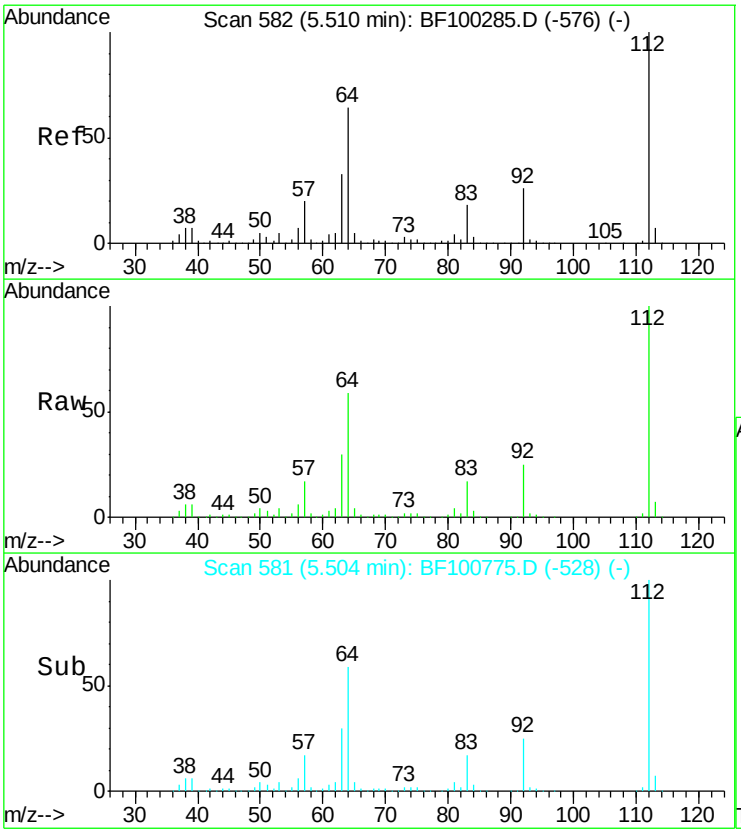
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF100775.D
Acq: 21 Nov 2017 12:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 76472

Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	57.9	50.1	75.1

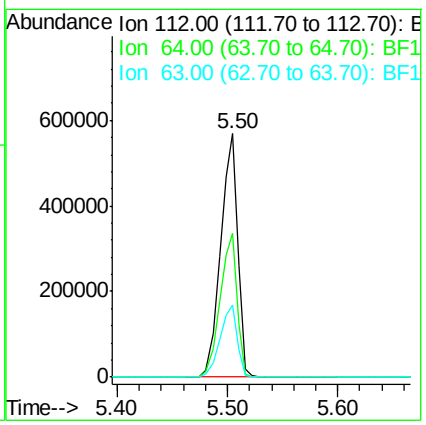


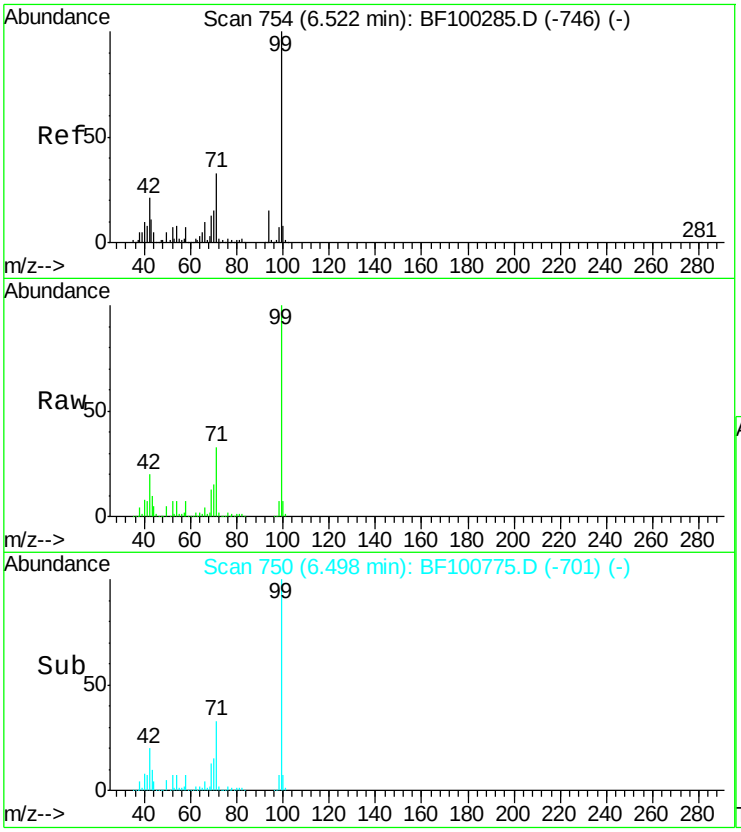


#5
2-Fluorophenol
Concen: 127.97 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF100775.D
Acq: 21 Nov 2017 12:56

Tgt Ion:112 Resp: 610492

Ion	Ratio	Lower	Upper
112	100		
64	58.9	47.9	71.9
63	29.6	23.7	35.5



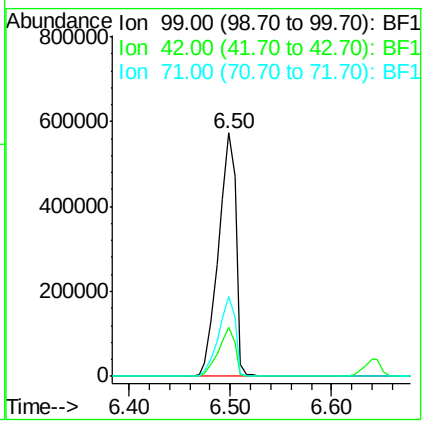


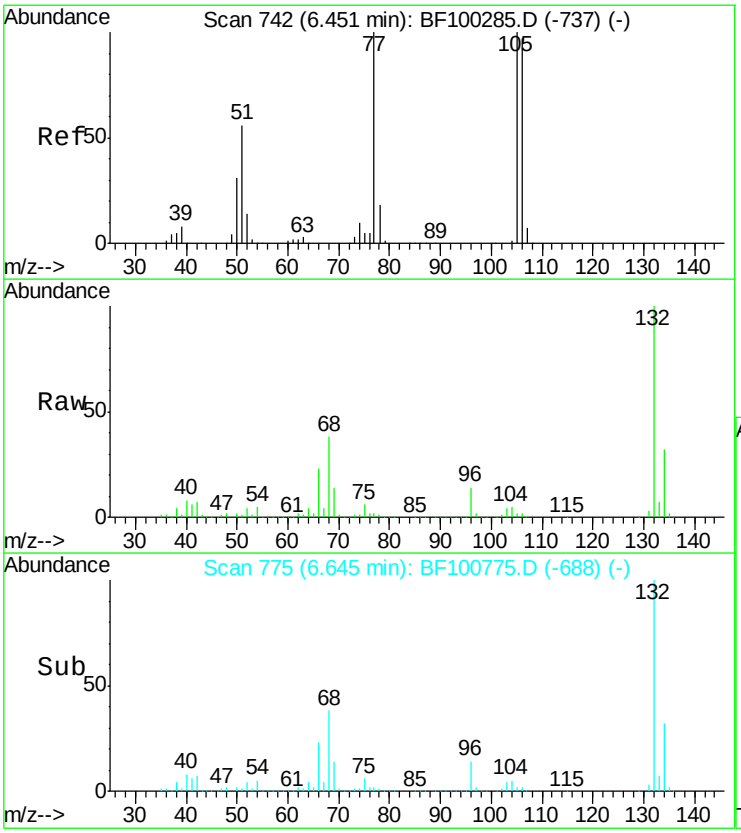
#7
Phenol-d6
Concen: 116.16 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF100775.D
Acq: 21 Nov 2017 12:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 683335

Ion	Ratio	Lower	Upper
99	100		
42	20.2	14.5	21.7
71	32.8	25.4	38.0

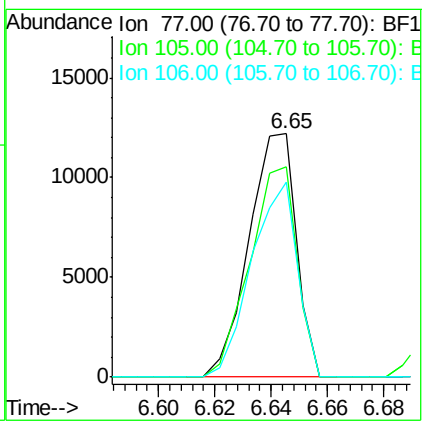


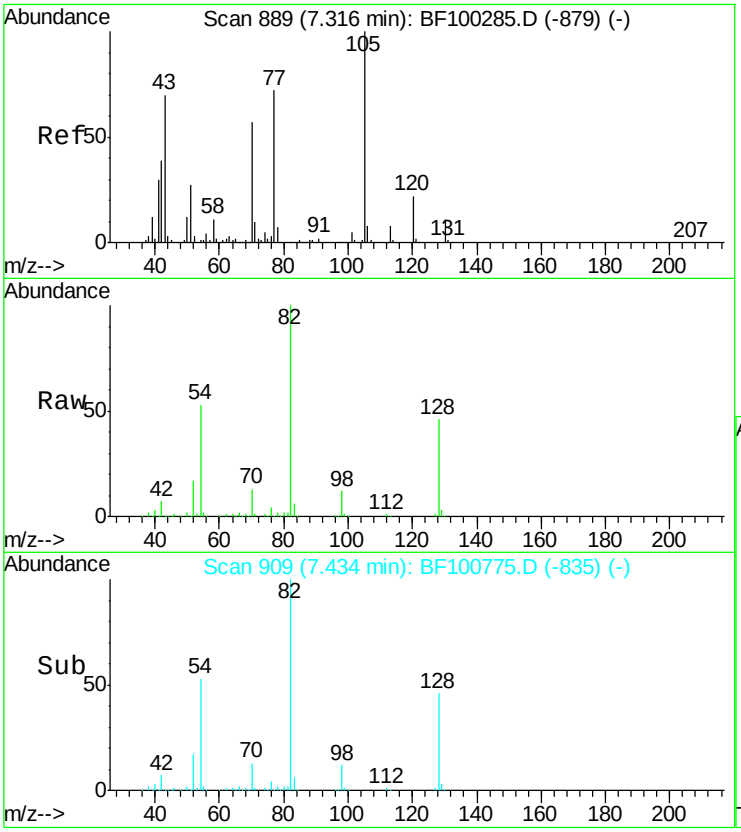


#9
Benzaldehyde
Concen: 3.39 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.21 min
Lab File: BF100775.D
Acq: 21 Nov 2017 12:56

Tgt Ion: 77 Resp: 14223

Ion	Ratio	Lower	Upper
77	100		
105	86.3	81.1	121.1
106	79.9	74.5	114.5



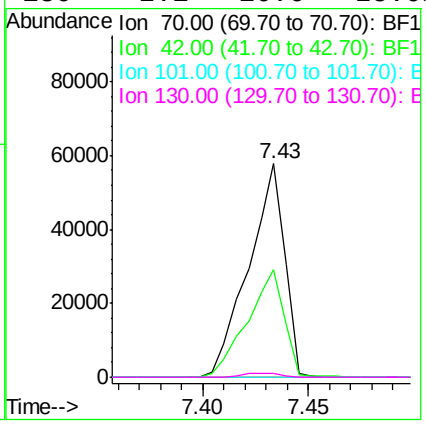


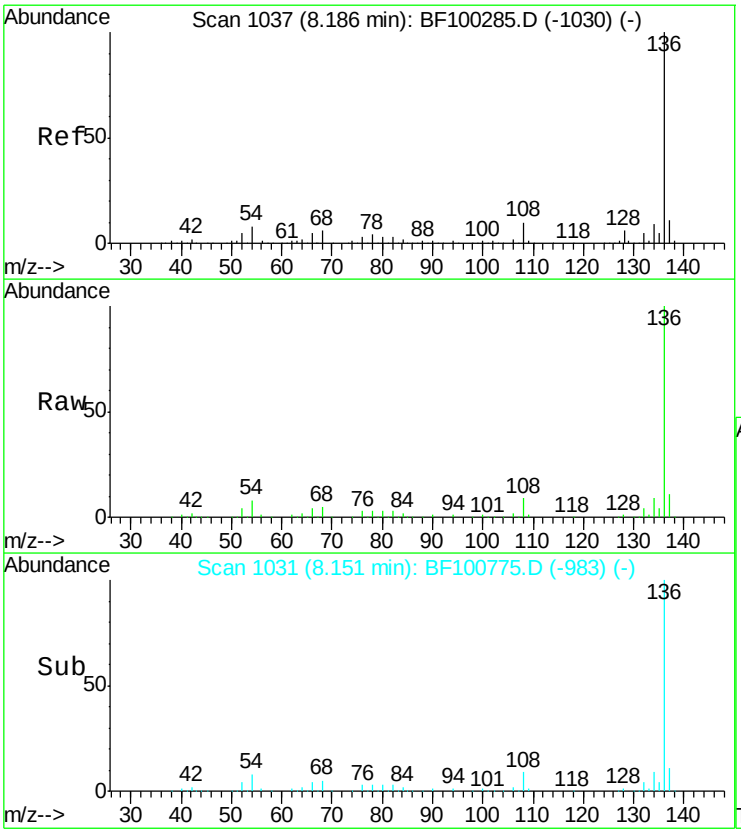
#19
n-Nitroso-di-n-propylamine
Concen: 16.78 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.14 min
Lab File: BF100775.D
Acq: 21 Nov 2017 12:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 68460

Ion	Ratio	Lower	Upper
70	100		
42	50.3	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

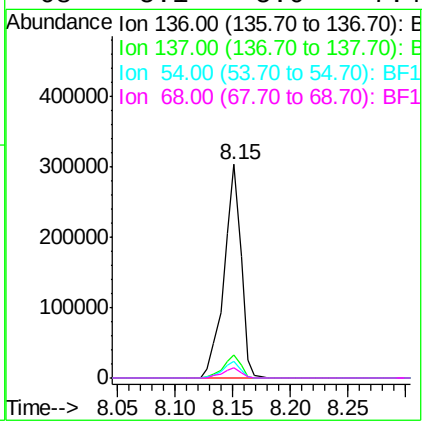


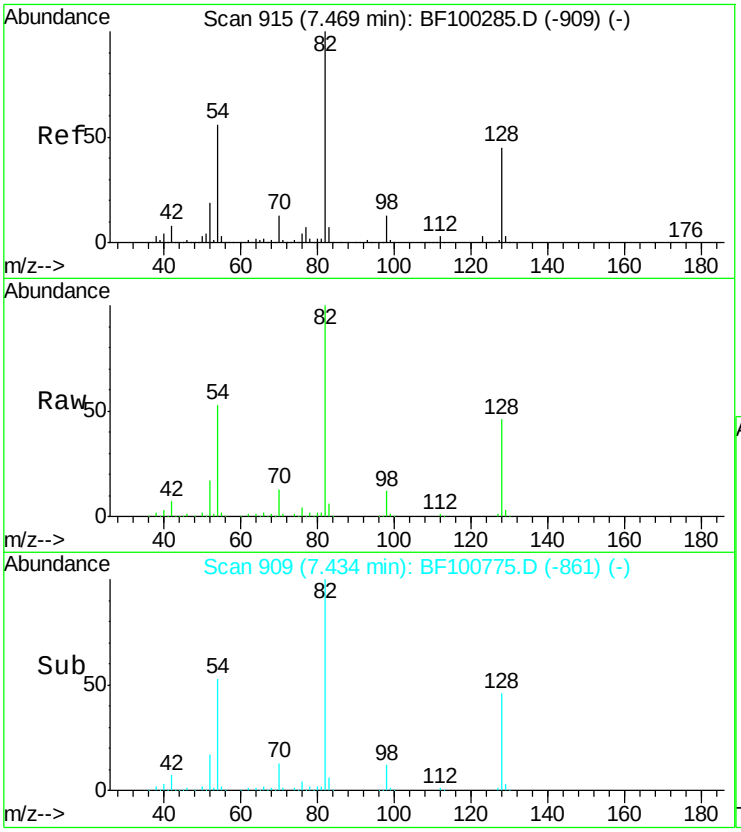


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100775.D
Acq: 21 Nov 2017 12:56

Tgt Ion:136 Resp: 306992

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.9	6.6	9.8
68	5.1	5.0	7.4



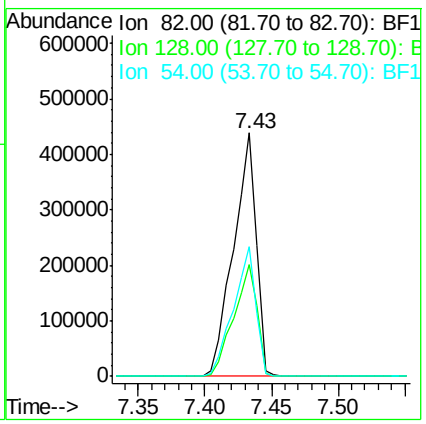


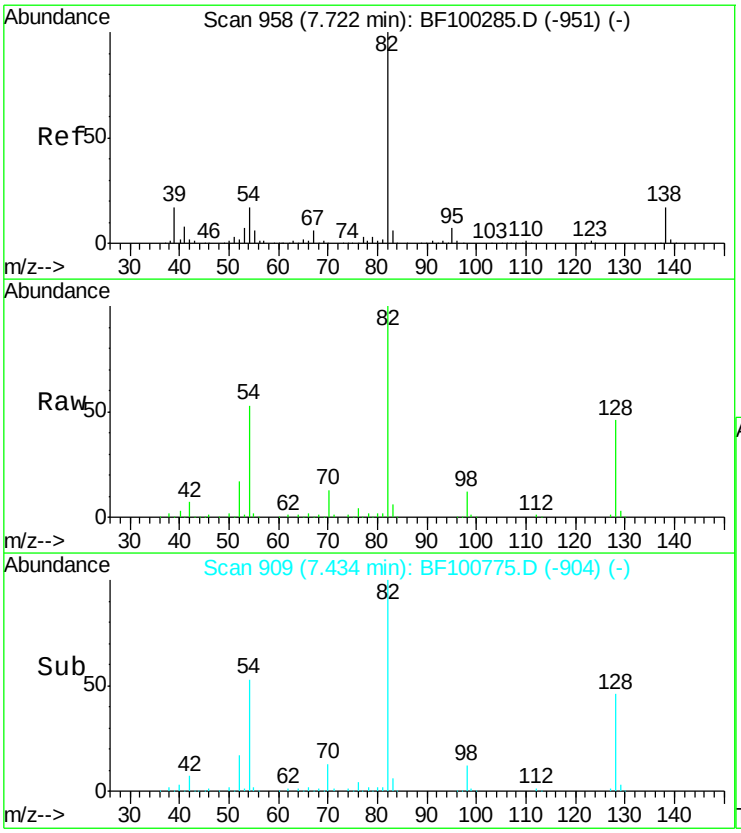
#23
Nitrobenzene-d5
Concen: 113.08 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF100775.D
Acq: 21 Nov 2017 12:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 525095

Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	53.2	41.4	62.2

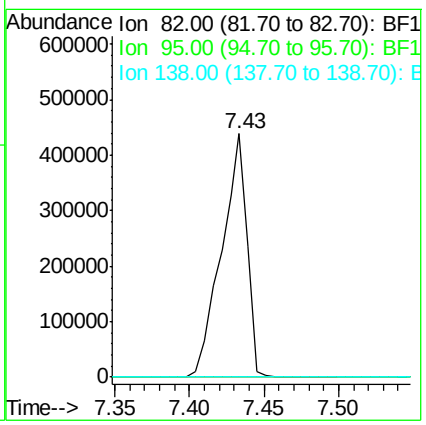


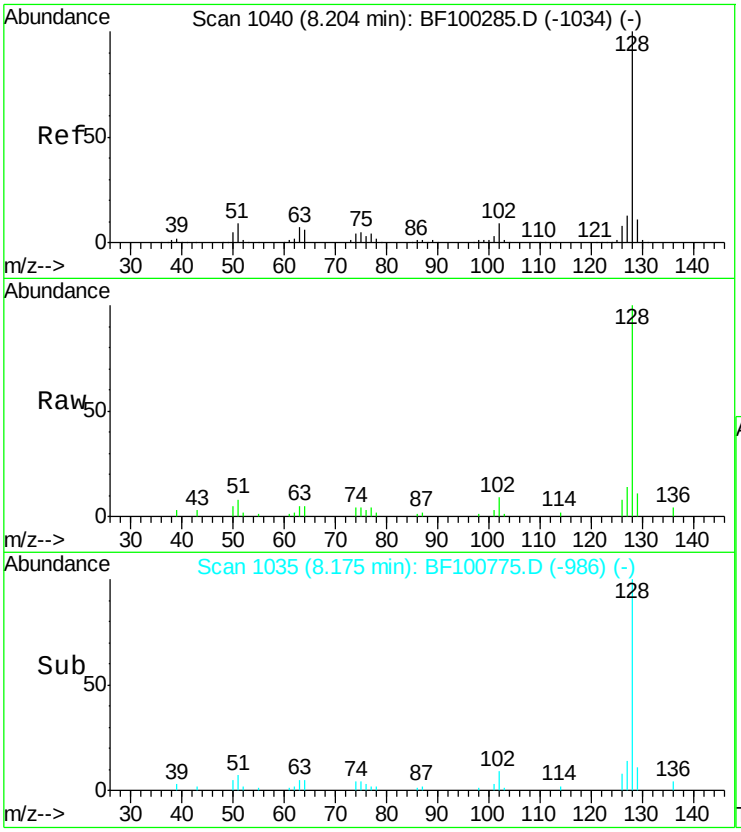


#25
Isophorone
Concen: 53.81 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.27 min
Lab File: BF100775.D
Acq: 21 Nov 2017 12:56

Tgt Ion: 82 Resp: 525043

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



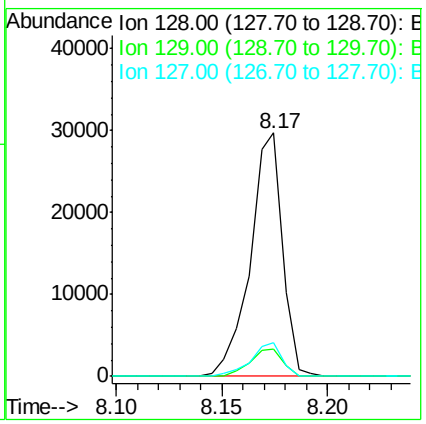


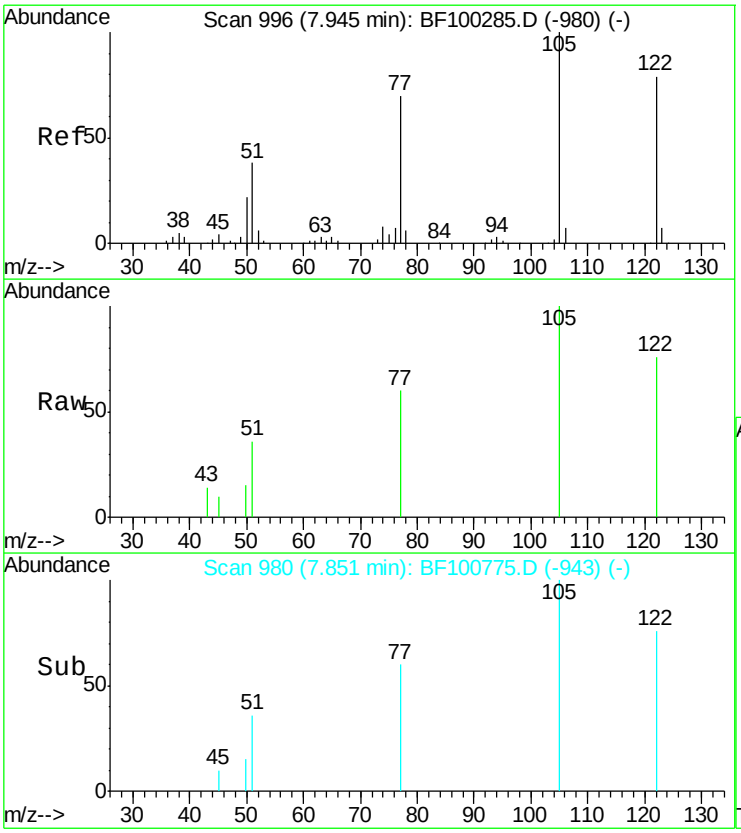
#31
Naphthalene
Concen: 2.13 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF100775.D
Acq: 21 Nov 2017 12:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 31507

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.9	10.9	16.3

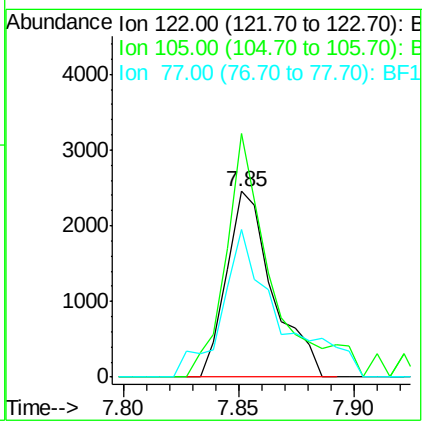


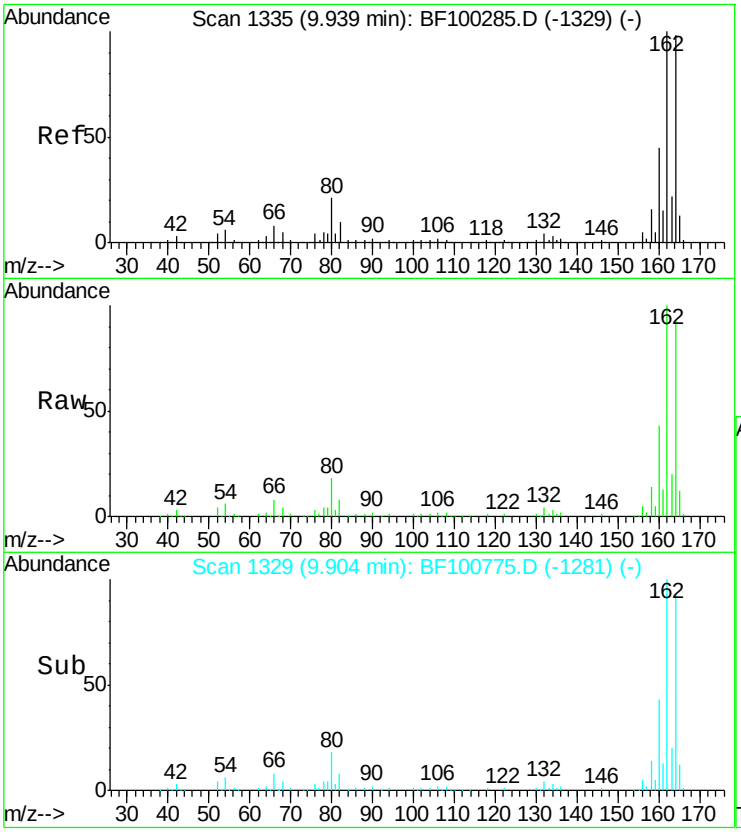


#32
Benzoic acid
Concen: 10.19 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.08 min
Lab File: BF100775.D
Acq: 21 Nov 2017 12:56

Tgt Ion:122 Resp: 3423

Ion	Ratio	Lower	Upper
122	100		
105	131.0	101.1	141.1
77	79.1	70.7	110.7



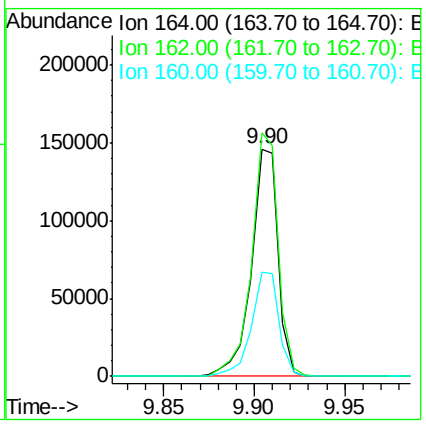


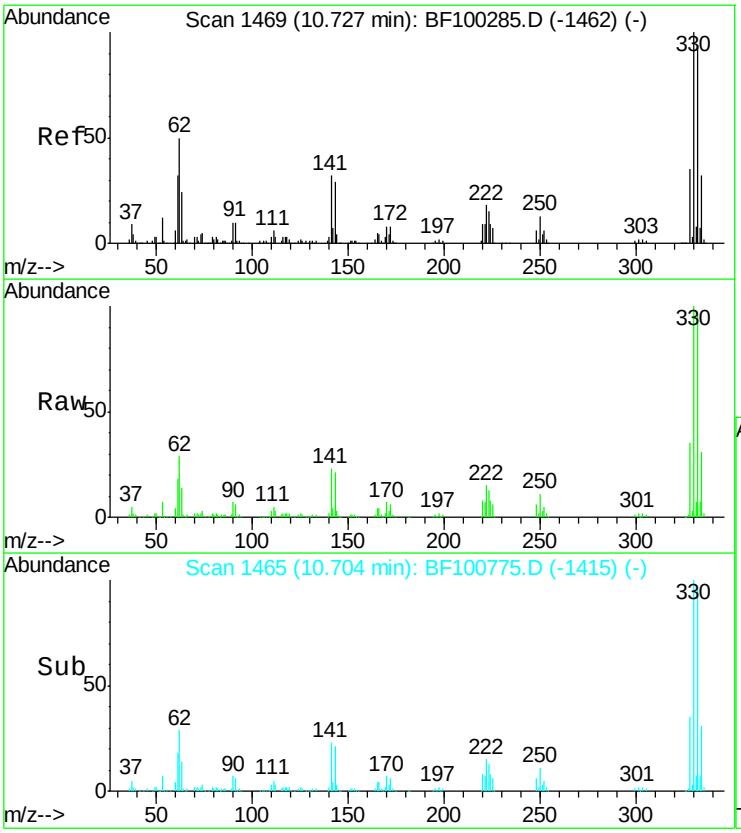
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF100775.D
Acq: 21 Nov 2017 12:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 148945

Ion	Ratio	Lower	Upper
164	100		
162	107.1	86.1	129.1
160	45.9	38.3	57.5

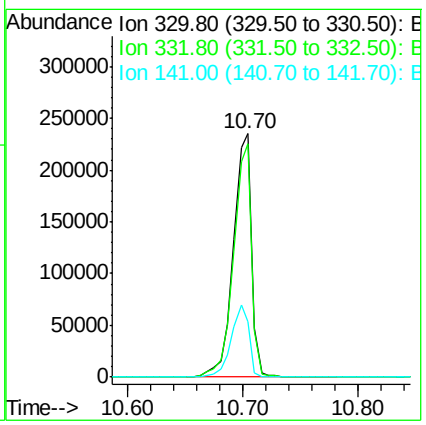


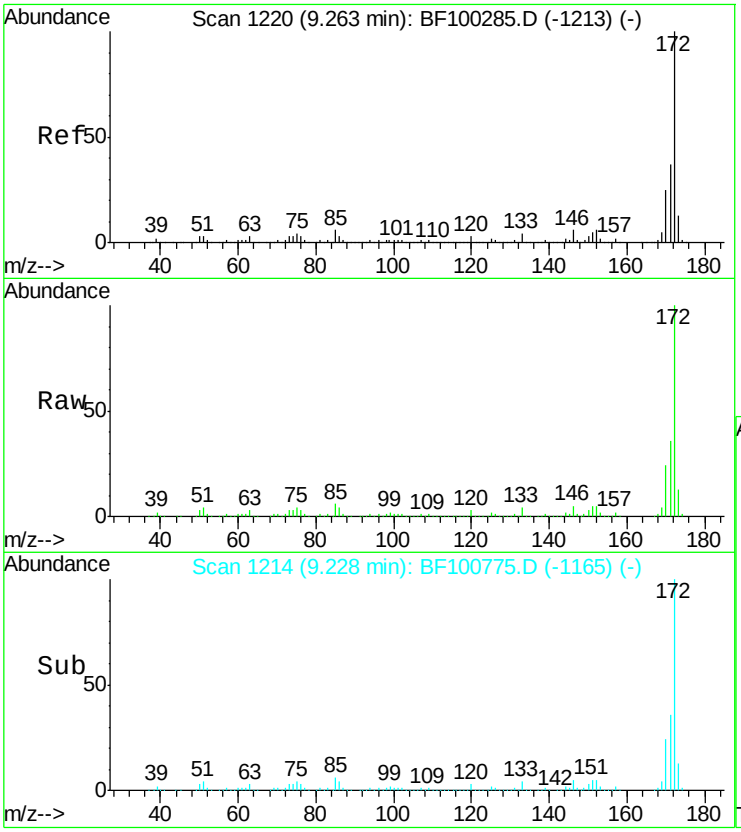


#41
2,4,6-Tribromophenol
Concen: 169.82 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF100775.D
Acq: 21 Nov 2017 12:56

Tgt Ion:330 Resp: 257749

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	29.2	29.9	44.9#



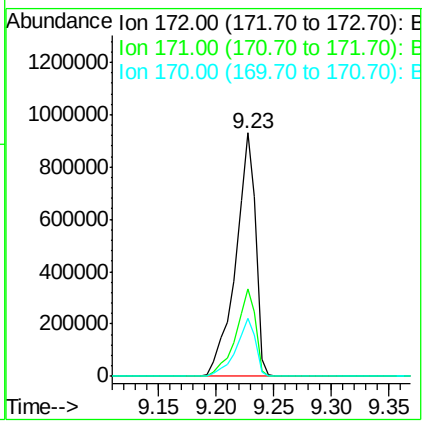


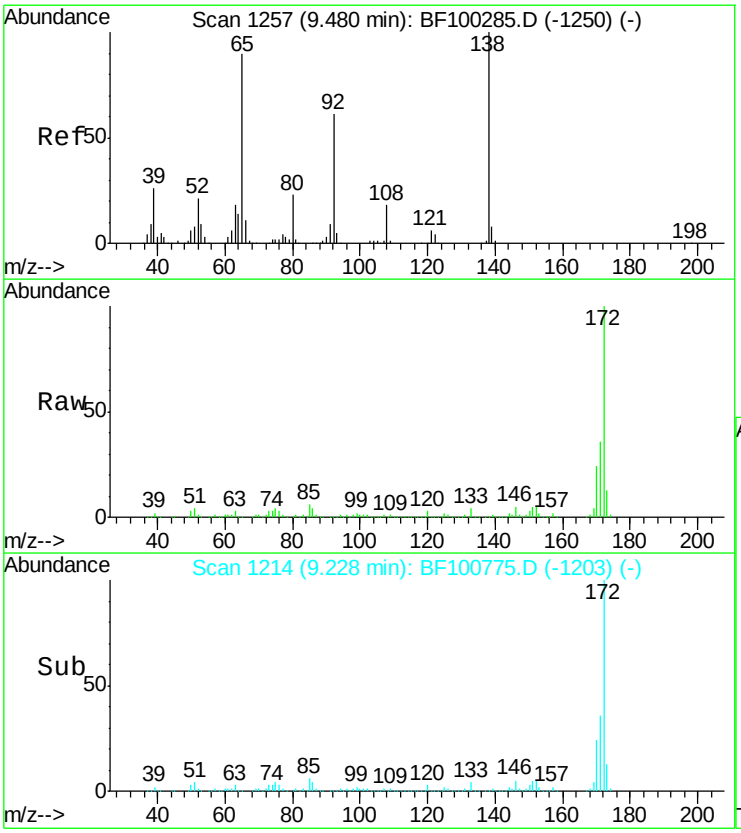
#44
2-Fluorobiphenyl
Concen: 113.56 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF100775.D
Acq: 21 Nov 2017 12:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1110808

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.0	19.6	29.4

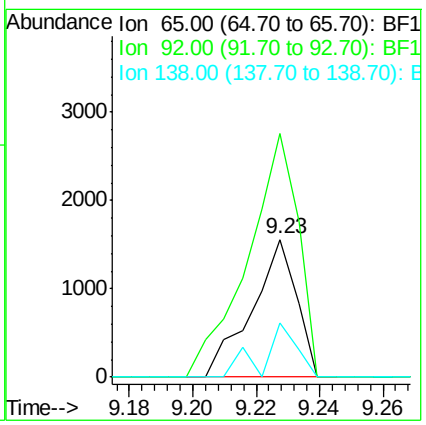


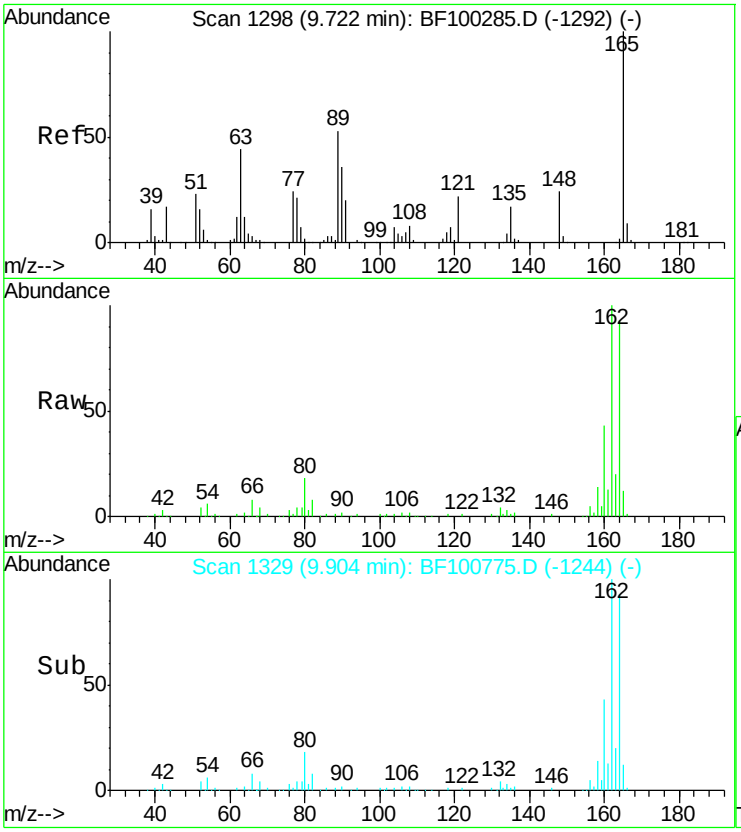


#47
2-Nitroaniline
Concen: 3.30 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.24 min
Lab File: BF100775.D
Acq: 21 Nov 2017 12:56

Tgt Ion: 65 Resp: 1517

Ion	Ratio	Lower	Upper
65	100		
92	176.7	55.8	83.6#
138	39.1	91.2	136.8#



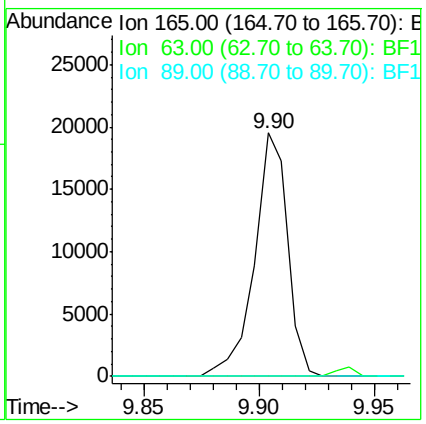


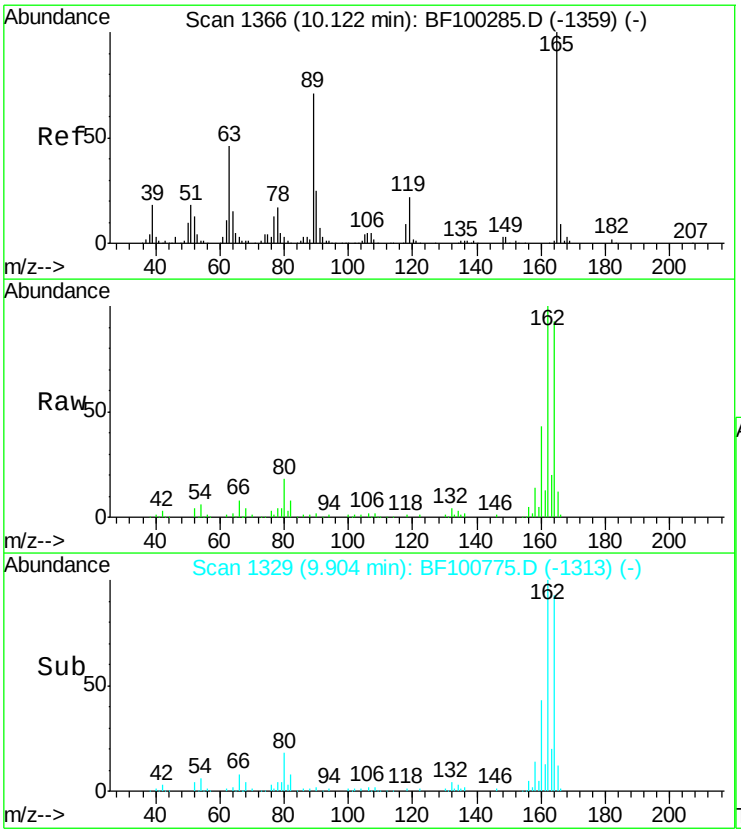
#50
2,6-Dinitrotoluene
Concen: 8.68 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.20 min
Lab File: BF100775.D
Acq: 21 Nov 2017 12:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 19550

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

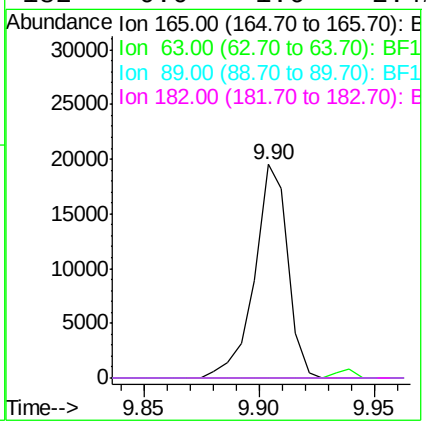


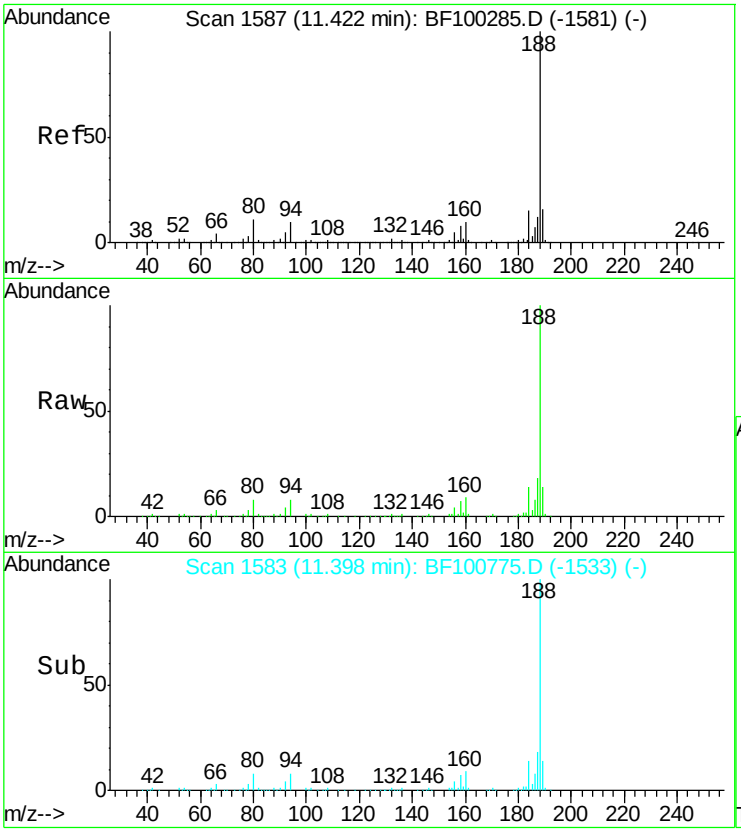


#56
2,4-Dinitrotoluene
Concen: 6.88 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.21 min
Lab File: BF100775.D
Acq: 21 Nov 2017 12:56

Tgt Ion:165 Resp: 19550

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#



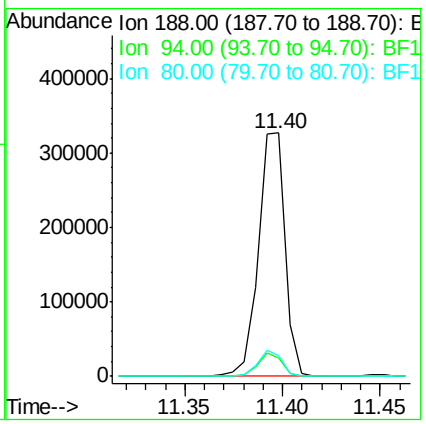


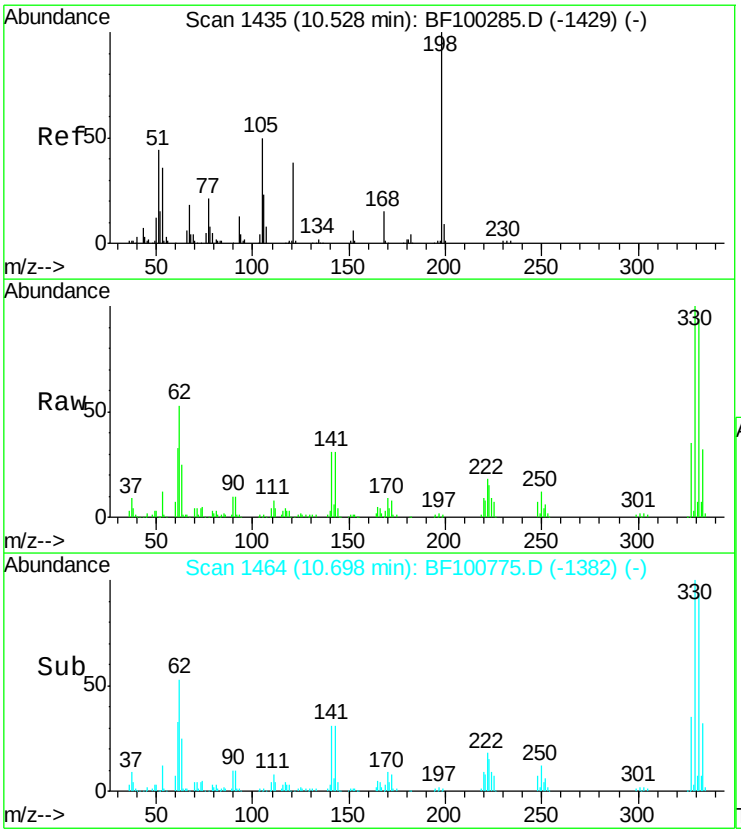
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF100775.D
Acq: 21 Nov 2017 12:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 310014

Ion	Ratio	Lower	Upper
188	100		
94	7.5	8.5	12.7#
80	8.5	9.2	13.8#

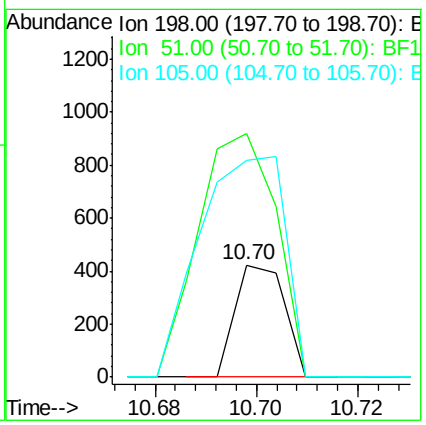


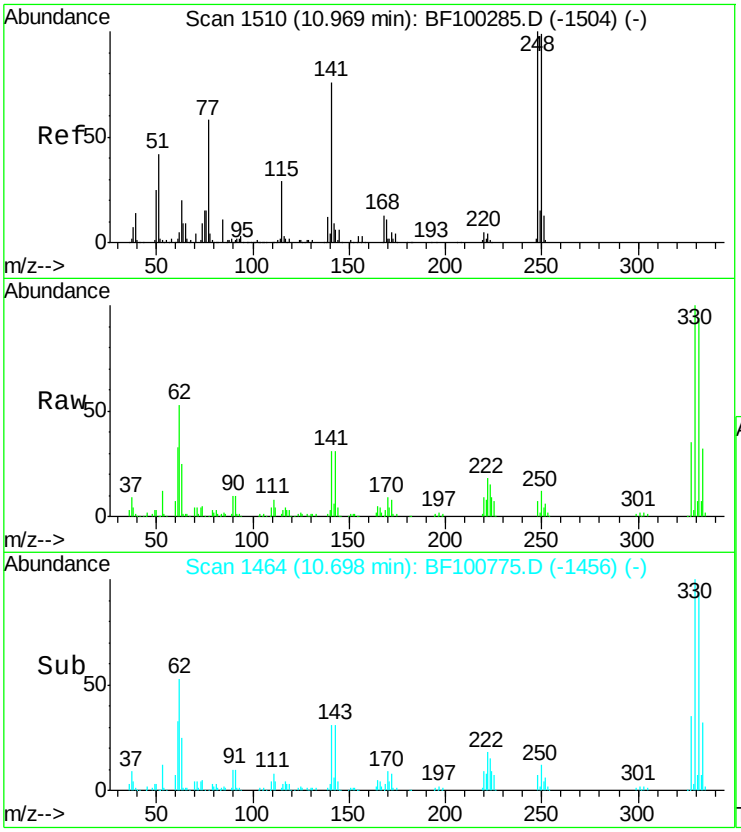


#64
4,6-Dinitro-2-methylphenol
Concen: 8.72 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.18 min
Lab File: BF100775.D
Acq: 21 Nov 2017 12:56

Tgt Ion:198 Resp: 289

Ion	Ratio	Lower	Upper
198	100		
51	217.3	37.7	77.7#
105	193.9	36.3	76.3#



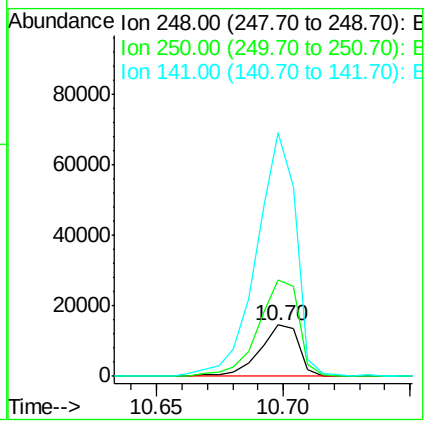


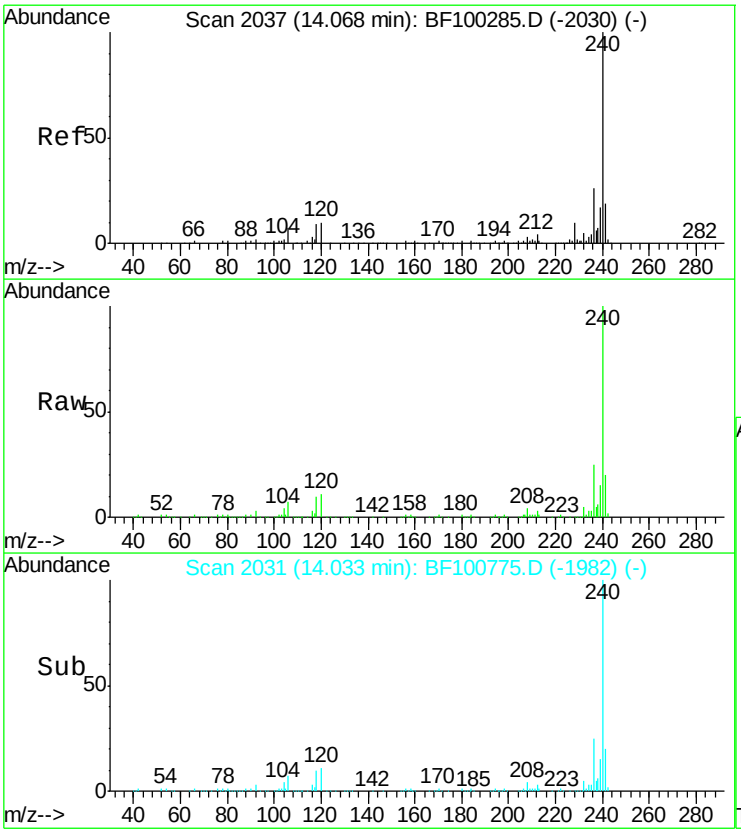
#66
4-Bromophenyl-phenylether
Concen: 4.77 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.25 min
Lab File: BF100775.D
Acq: 21 Nov 2017 12:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 15846

Ion	Ratio	Lower	Upper
248	100		
250	187.1	76.9	115.3#
141	475.3	74.4	111.6#

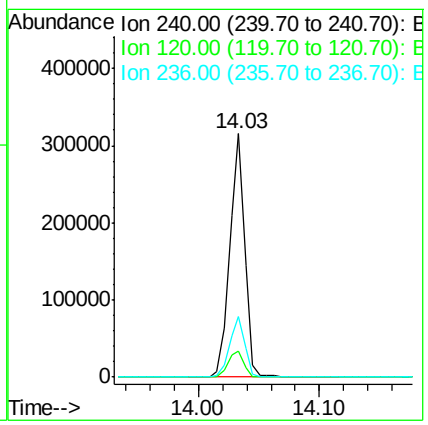


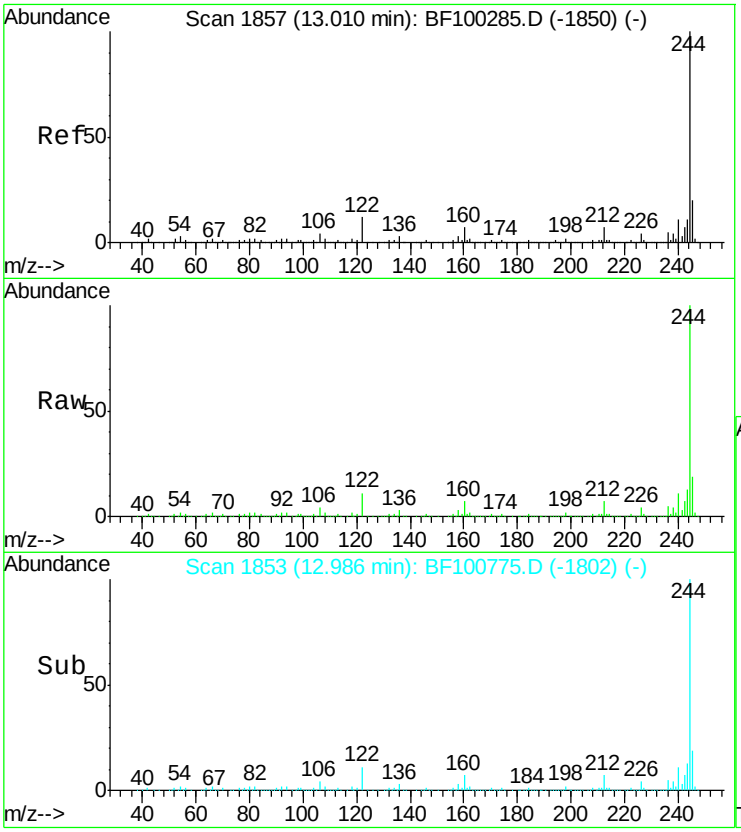


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF100775.D
Acq: 21 Nov 2017 12:56

Tgt Ion:240 Resp: 271174

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.5	14.3
236	25.1	20.7	31.1



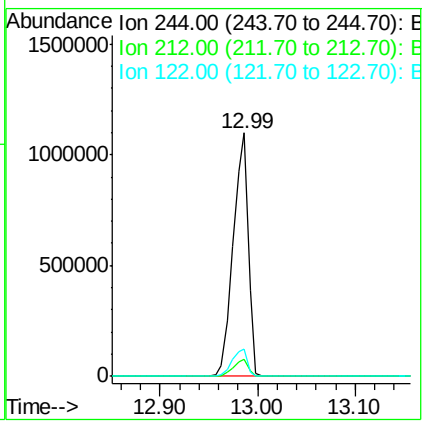


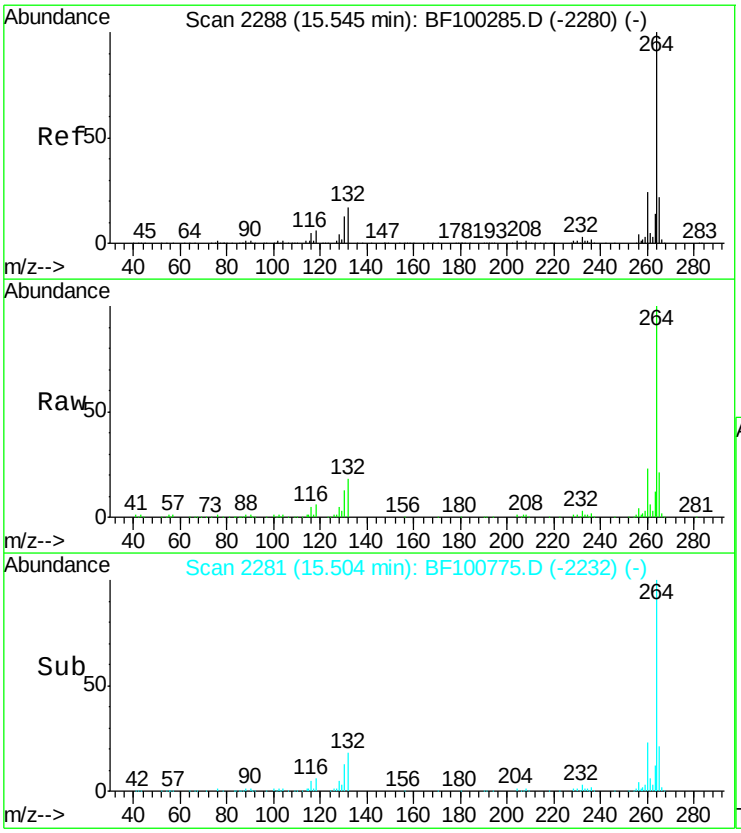
#78
Terphenyl-d14
Concen: 99.85 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BF100775.D
Acq: 21 Nov 2017 12:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1178420

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.2	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF100775.D
Acq: 21 Nov 2017 12:56

Tgt Ion:264 Resp: 199268

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.3	17.5	26.3