Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050615\
Data File : BF078973.D
Acq On : 6 May 2015 21:19
Operator : TP/IZ
Sample : G2035-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11-D3.5

Quant Time: May 07 01:12:21 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 07 00:45:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	66921	20.00	ng		0.00
21) Naphthalene-d8	8.92	136	288608	20.00	ng		0.00
38) Acenaphthene-d10	11.11	164	141878	20.00	ng		0.01
63) Phenanthrene-d10	12.95	188	279915	20.00	ng		0.00
75) Chrysene-d12	16.25	240	302811	20.00	ng		-0.06
86) Perylene-d12	17.99	264	319230	20.00	ng		-0.24
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	574408	147.75	ng		0.01
7) Phenol-d6	6.90	99	739401	143.89	ng		0.01
23) Nitrobenzene-d5	8.04	82	453472	90.30	ng		0.01
41) 2,4,6-Tribromophenol	12.09	330	227491	148.22	ng		0.01
44) 2-Fluorobiphenyl	10.27	172	832840	81.78	ng		0.00
78) Terphenyl-d14	0.00	244	0	0.00	ng		
Target Compounds							Qvalue
9) Benzaldehyde	6.76	77	7037	2.03	ng	#	41
15) Benzyl Alcohol	7.54	79	11751	3.08	ng	#	48
19) n-Nitroso-di-n-propylamine	7.90	70	11194	3.23	ng	#	64
22) Acetophenone	7.84	105	20038	3.07	ng	#	58
24) Nitrobenzene	8.01	77	13304	2.67	ng	#	37
49) Dimethylphthalate	10.78	163	41001	3.94	ng		99
65) n-Nitrosodiphenylamine	11.94	169	26482	2.84	ng	#	41
70) Phenanthrene	12.98	178	65449	4.18	ng		97
71) Anthracene	12.98	178	62963	4.10	ng		98
74) Fluoranthene	14.48	202	89850	5.51	ng		98
82) Chrysene	16.27	228	35071	2.20	ng	#	91
83) Bis(2-ethylhexyl)phthalate	16.29	149	104603	9.05	ng		100
87) Benzo(b)fluoranthene	17.53	252	38990	2.23	ng	#	58
88) Benzo(k)fluoranthene	17.53	252	58750	3.47	ng	#	59

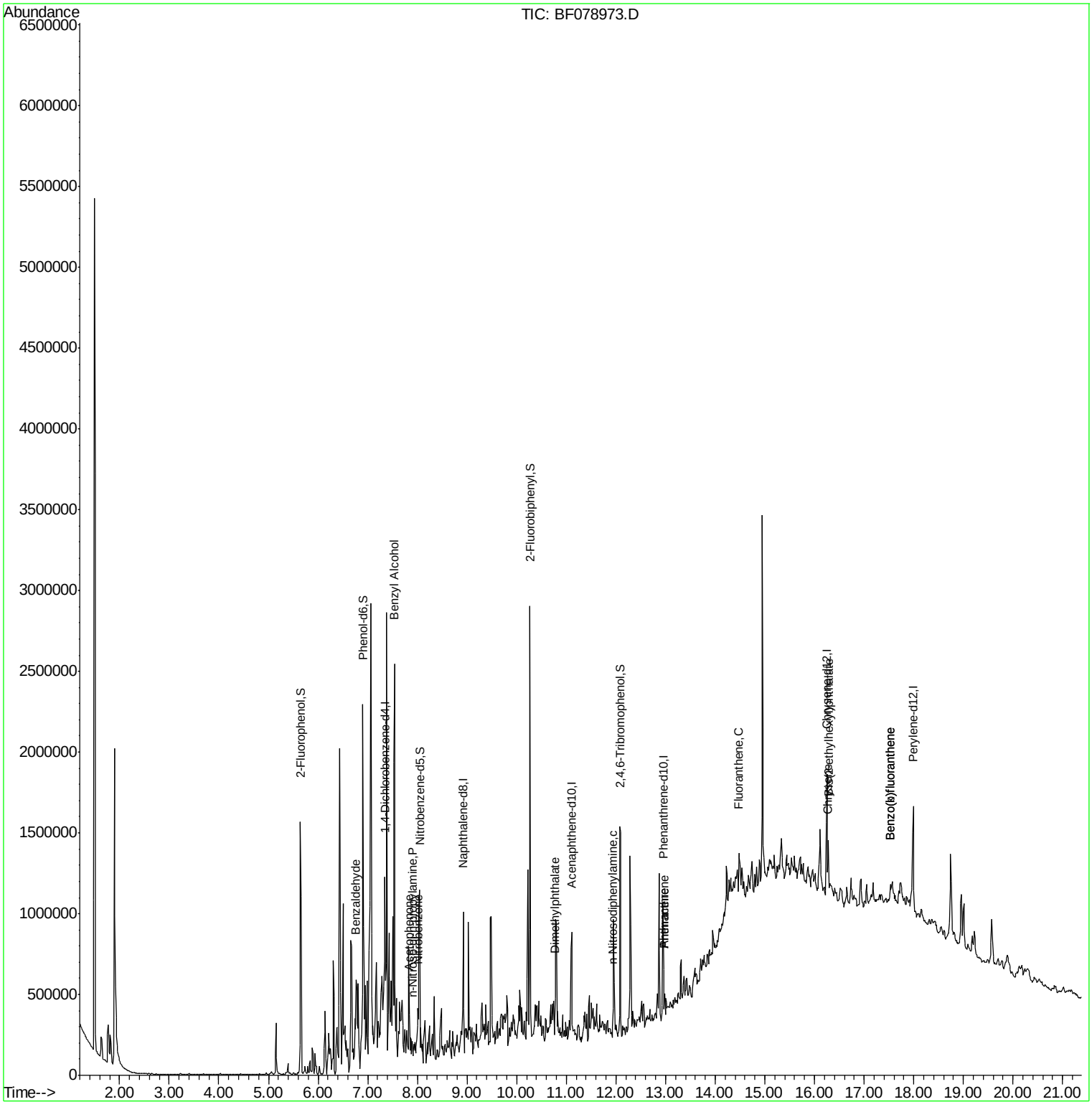
(#) = qualifier out of range (m) = manual integration (+) = signals summed

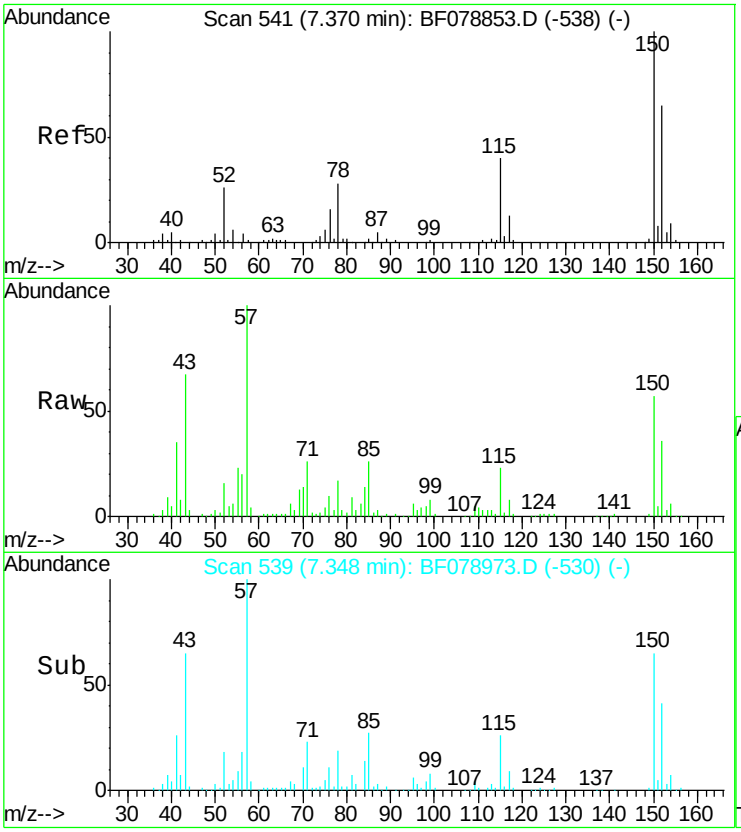
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050615\
Data File : BF078973.D
Acq On : 6 May 2015 21:19
Operator : TP/IZ
Sample : G2035-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-11-D3.5

Quant Time: May 07 01:12:21 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 07 00:45:56 2015
Response via : Initial Calibration



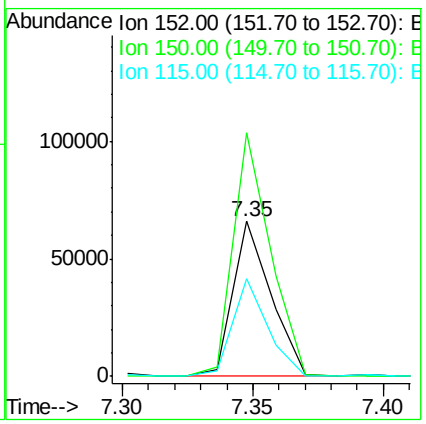


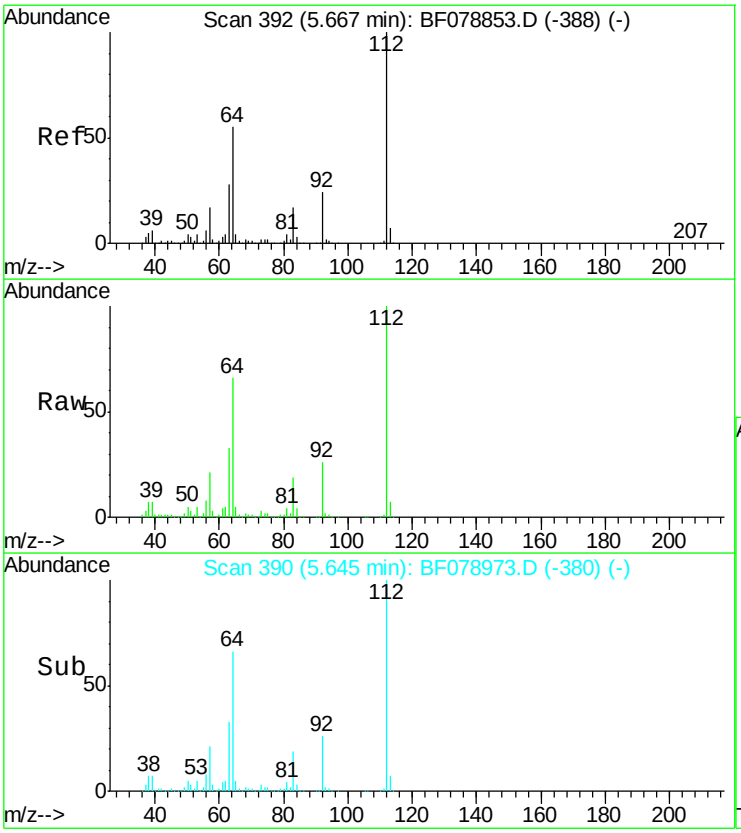
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF078973.D
Acq: 6 May 2015 21:19

Instrument :
BNA_F
ClientSampleId :
TP-11-D3.5

Tgt Ion:152 Resp: 66921

Ion	Ratio	Lower	Upper
152	100		
150	157.2	122.0	183.0
115	63.3	46.3	69.5

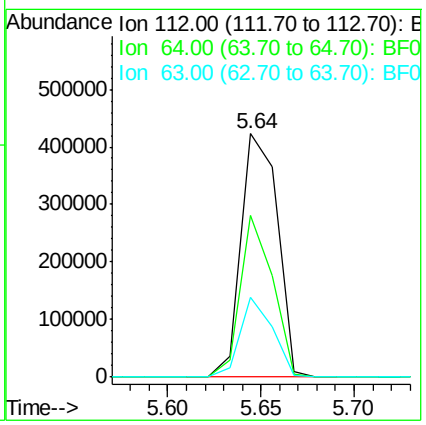


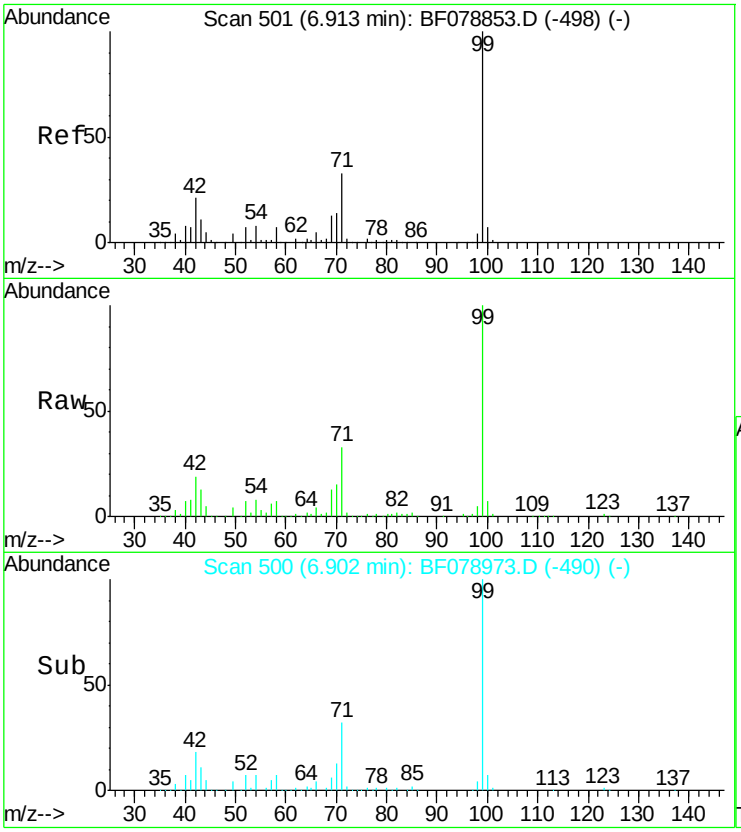


#5
2-Fluorophenol
Concen: 147.75 ng
RT: 5.64 min Scan# 390
Delta R.T. 0.01 min
Lab File: BF078973.D
Acq: 6 May 2015 21:19

Tgt Ion:112 Resp: 574408

Ion	Ratio	Lower	Upper
112	100		
64	66.2	53.5	80.3
63	32.9	27.5	41.3



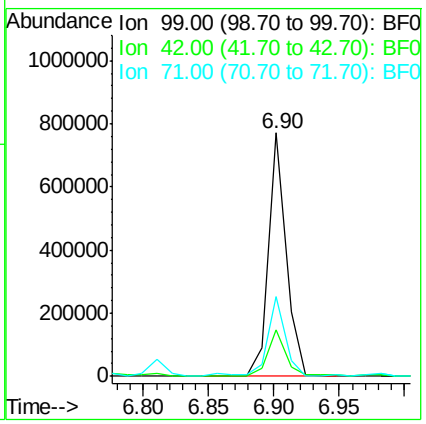


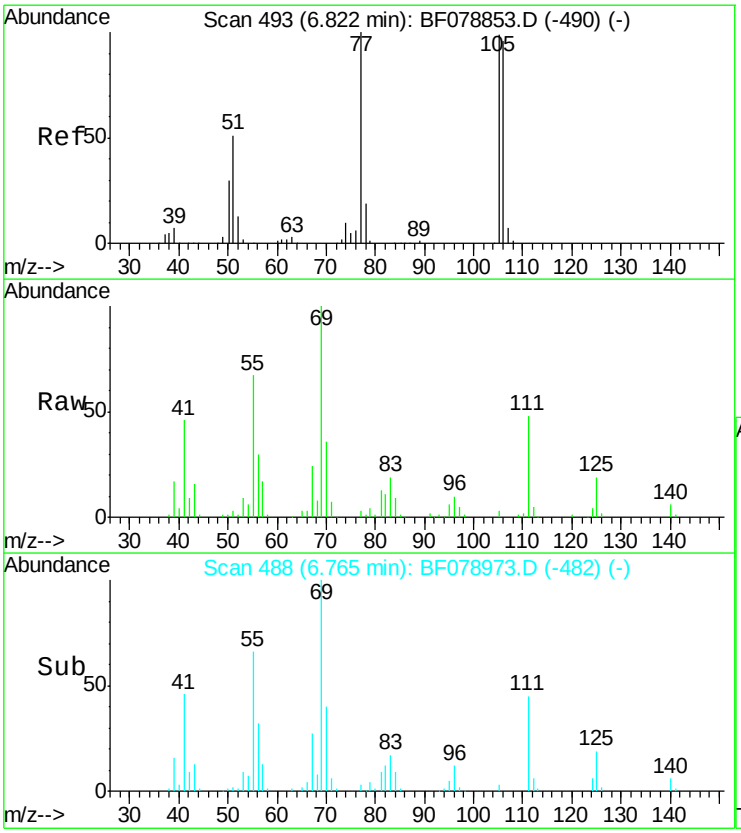
#7
Phenol-d6
Concen: 143.89 ng
RT: 6.90 min Scan# 500
Delta R.T. 0.01 min
Lab File: BF078973.D
Acq: 6 May 2015 21:19

Instrument :
BNA_F
ClientSampleId :
TP-11-D3.5

Tgt Ion: 99 Resp: 739401

Ion	Ratio	Lower	Upper
99	100		
42	19.0	12.8	19.2
71	32.8	23.4	35.2

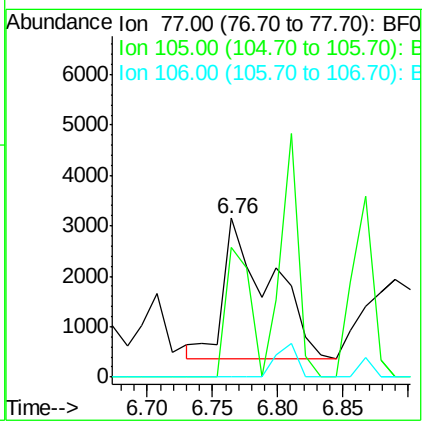


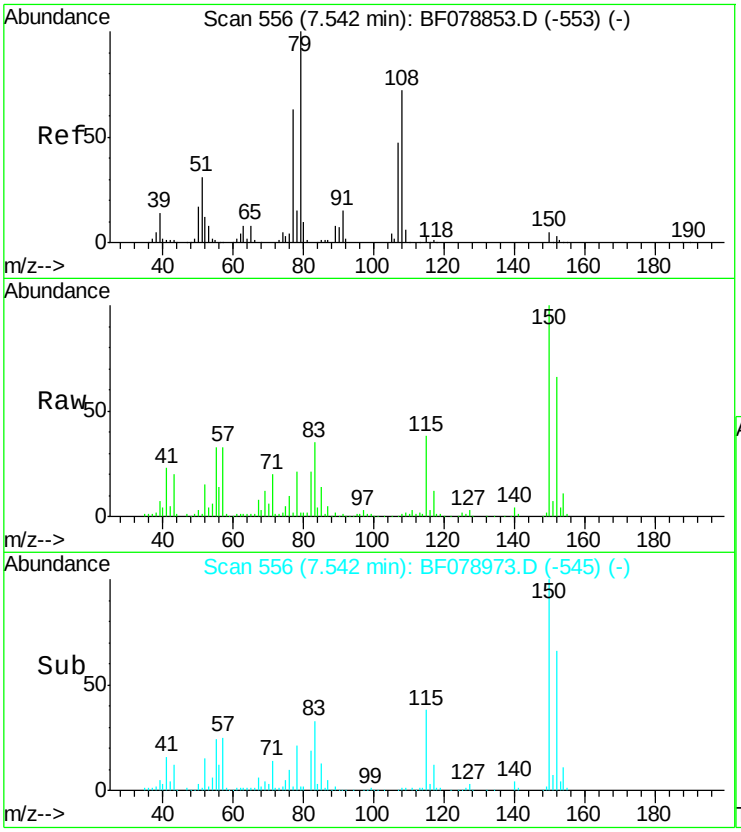


#9
Benzaldehyde
Concen: 2.03 ng
RT: 6.76 min Scan# 488
Delta R.T. -0.03 min
Lab File: BF078973.D
Acq: 6 May 2015 21:19

Tgt Ion: 77 Resp: 7037

Ion	Ratio	Lower	Upper
77	100		
105	81.5	81.7	121.7#
106	0.0	79.0	119.0#



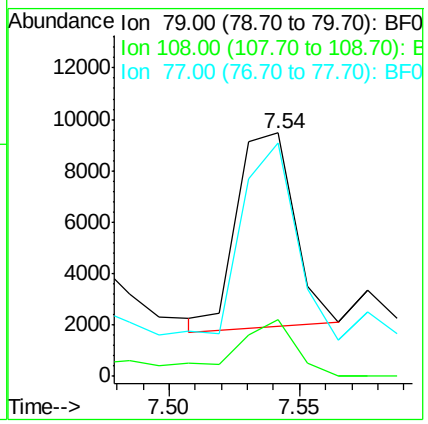


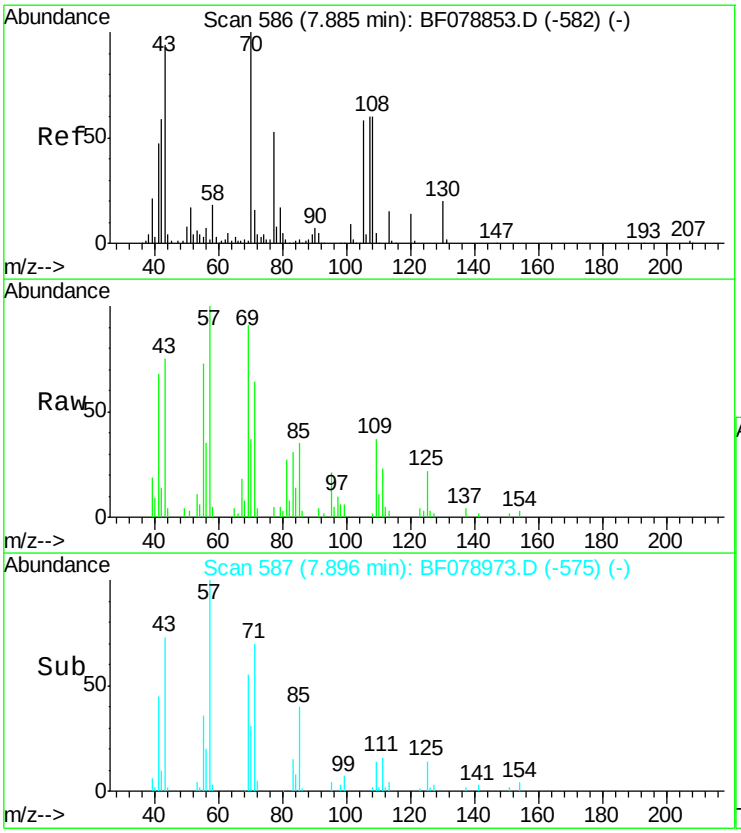
#15
Benzyl Alcohol
Concen: 3.08 ng
RT: 7.54 min Scan# 556
Delta R.T. 0.02 min
Lab File: BF078973.D
Acq: 6 May 2015 21:19

Instrument :
BNA_F
ClientSampleId :
TP-11-D3.5

Tgt Ion: 79 Resp: 11751

Ion	Ratio	Lower	Upper
79	100		
108	23.2	62.5	93.7#
77	96.1	52.2	78.4#

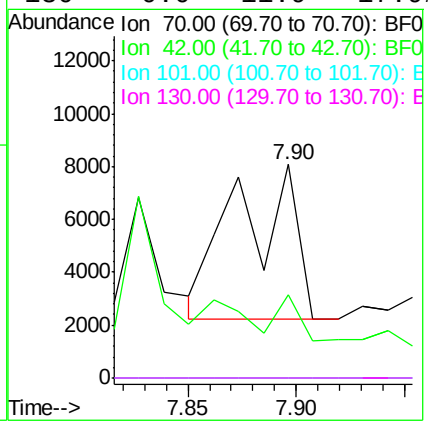


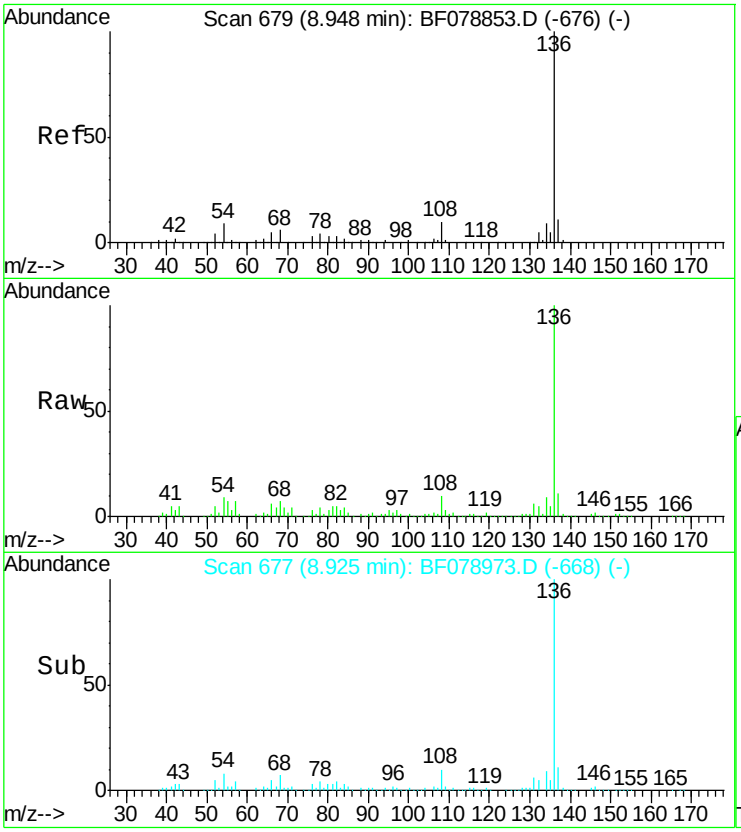


#19
n-Nitroso-di-n-propylamine
Concen: 3.23 ng
RT: 7.90 min Scan# 587
Delta R.T. 0.03 min
Lab File: BF078973.D
Acq: 6 May 2015 21:19

Tgt Ion: 70 Resp: 11194

Ion	Ratio	Lower	Upper
70	100		
42	39.0	55.4	83.0#
101	0.0	6.6	10.0#
130	0.0	11.9	17.9#



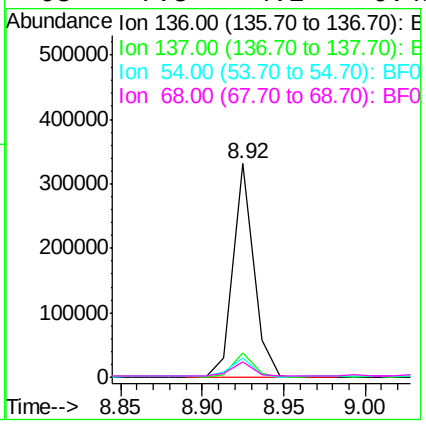


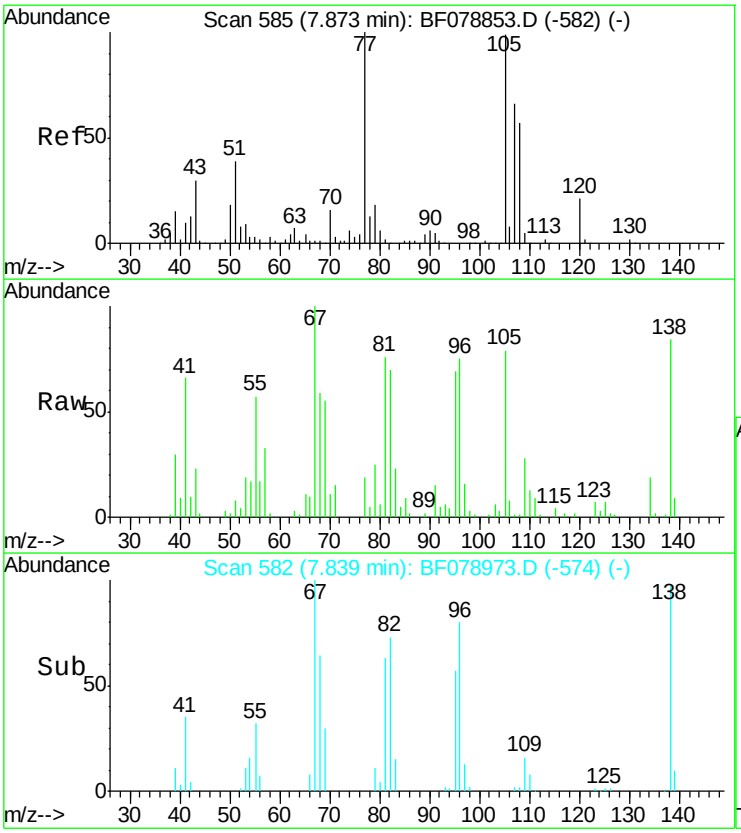
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.92 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF078973.D
Acq: 6 May 2015 21:19

Instrument :
BNA_F
ClientSampleId :
TP-11-D3.5

Tgt Ion:136 Resp: 288608

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	8.9	5.8	8.8#
68	7.3	4.2	6.4#

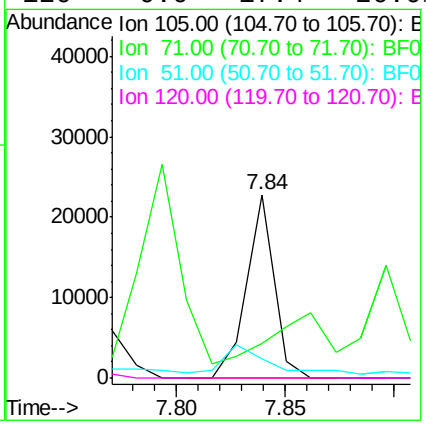


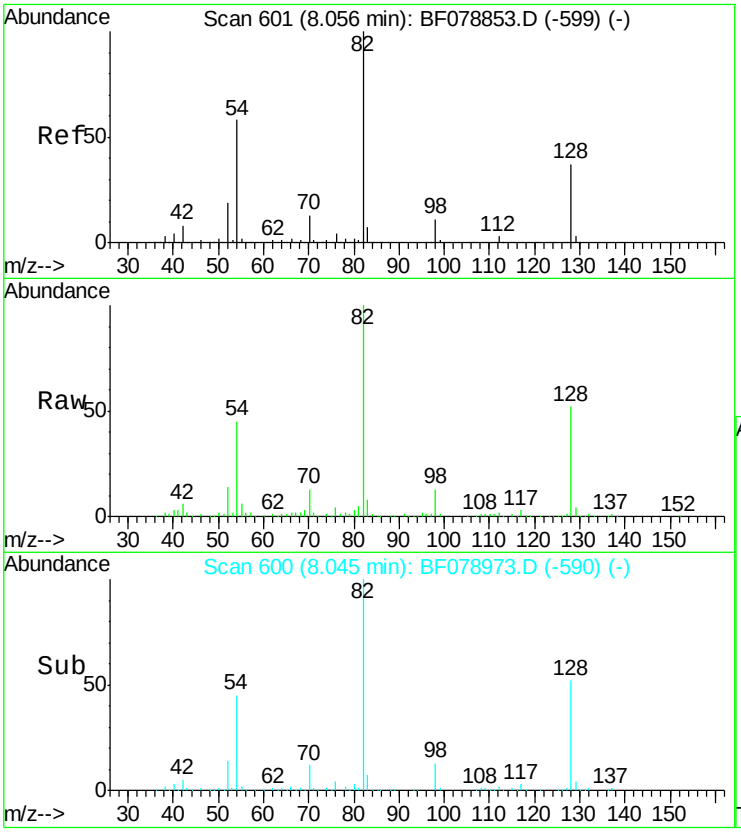


#22
Acetophenone
Concen: 3.07 ng
RT: 7.84 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF078973.D
Acq: 6 May 2015 21:19

Tgt Ion:105 Resp: 20038

Ion	Ratio	Lower	Upper
105	100		
71	18.7	4.6	6.8#
51	10.7	26.7	40.1#
120	0.0	17.4	26.0#



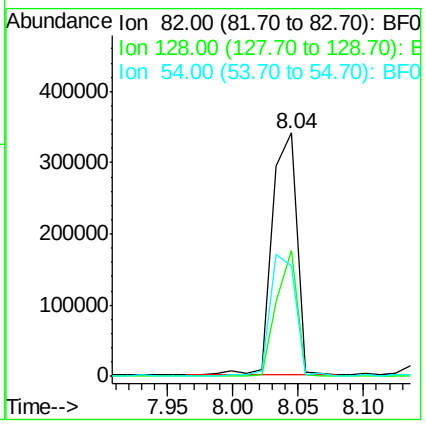


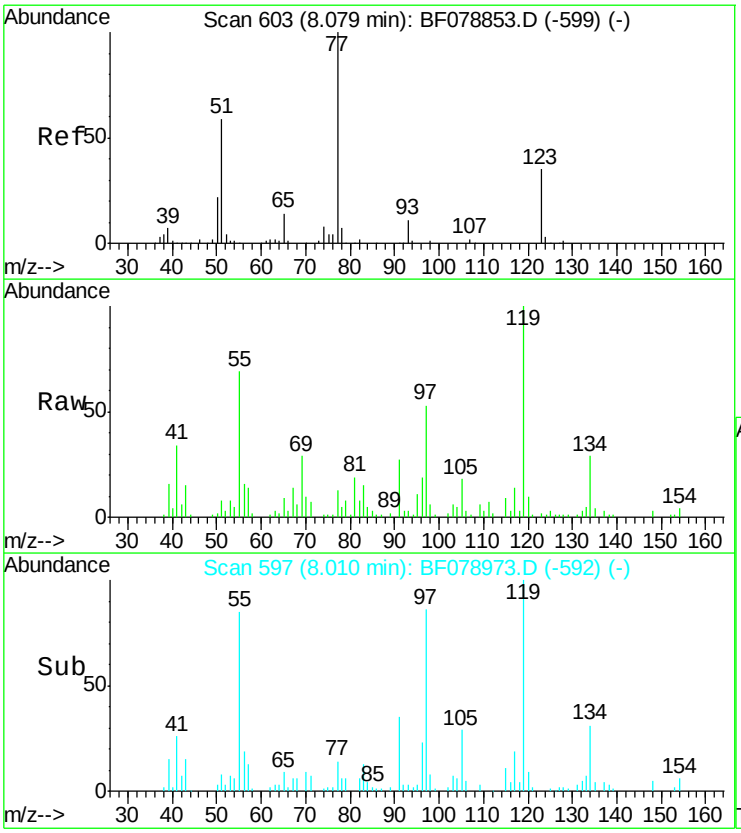
#23
Nitrobenzene-d5
Concen: 90.30 ng
RT: 8.04 min Scan# 600
Delta R.T. 0.01 min
Lab File: BF078973.D
Acq: 6 May 2015 21:19

Instrument :
BNA_F
ClientSampleId :
TP-11-D3.5

Tgt Ion: 82 Resp: 453472

Ion	Ratio	Lower	Upper
82	100		
128	51.9	30.0	45.0#
54	45.5	46.4	69.6#

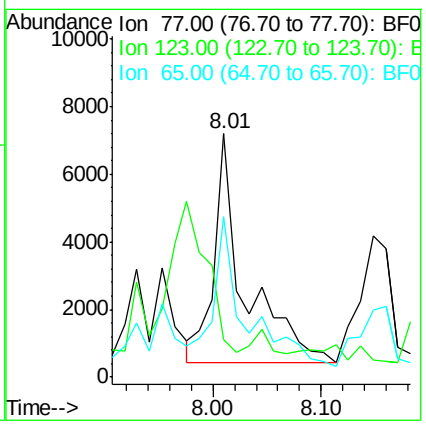


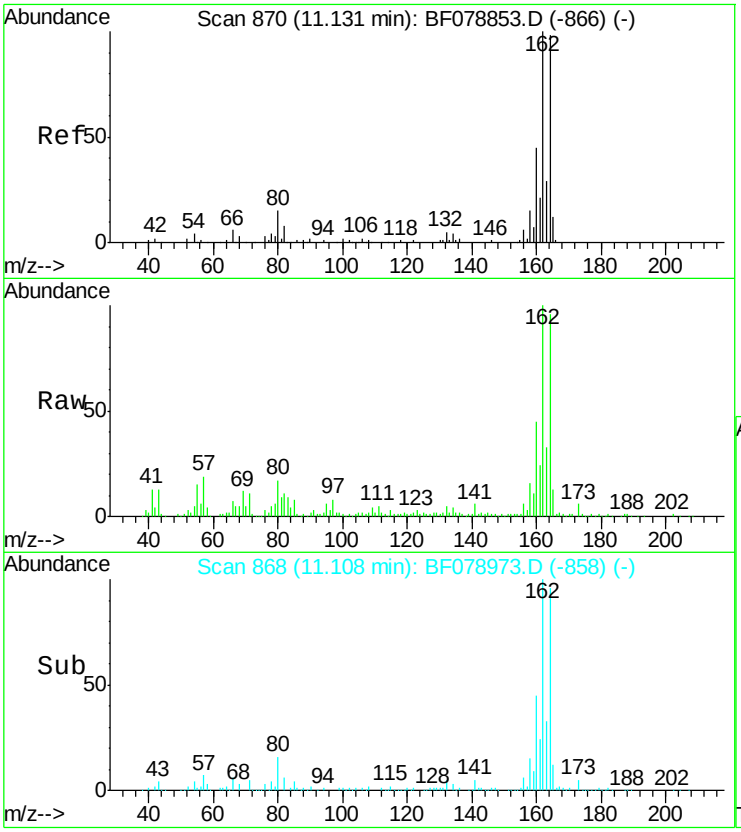


#24
Nitrobenzene
Concen: 2.67 ng
RT: 8.01 min Scan# 597
Delta R.T. -0.05 min
Lab File: BF078973.D
Acq: 6 May 2015 21:19

Tgt Ion: 77 Resp: 13304

Ion	Ratio	Lower	Upper
77	100		
123	15.2	31.8	47.8#
65	65.7	10.6	15.8#



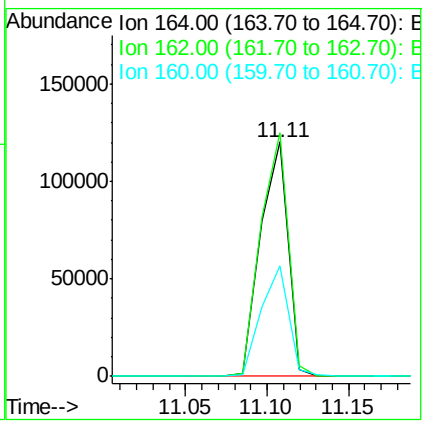


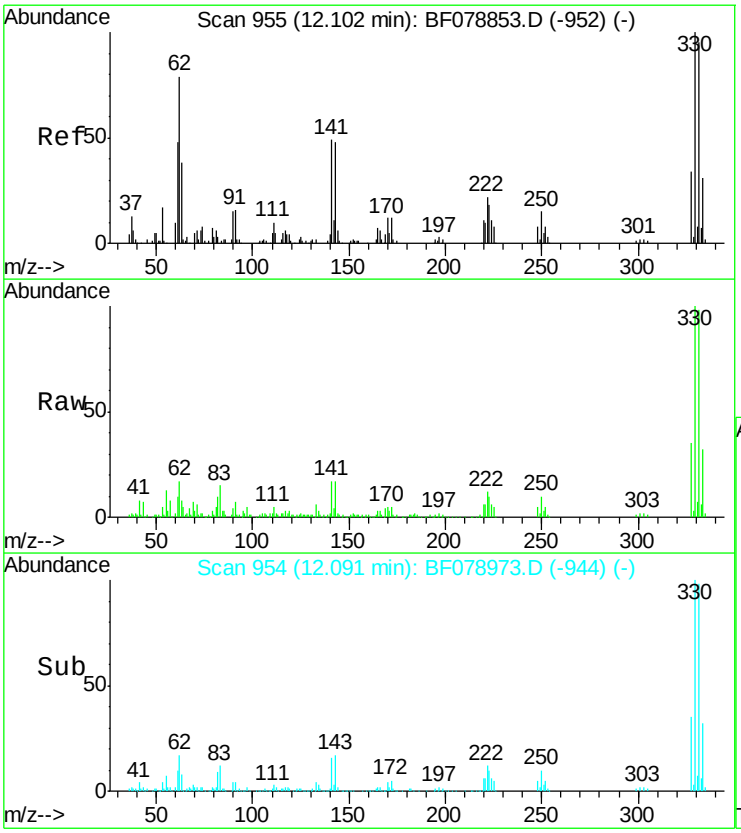
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 868
Delta R.T. 0.01 min
Lab File: BF078973.D
Acq: 6 May 2015 21:19

Instrument :
BNA_F
ClientSampleId :
TP-11-D3.5

Tgt Ion:164 Resp: 141878

Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.7	124.1
160	47.0	35.8	53.8

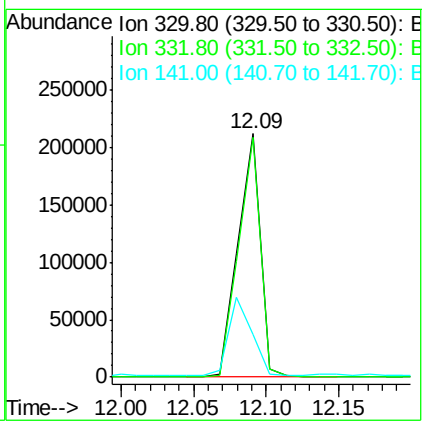


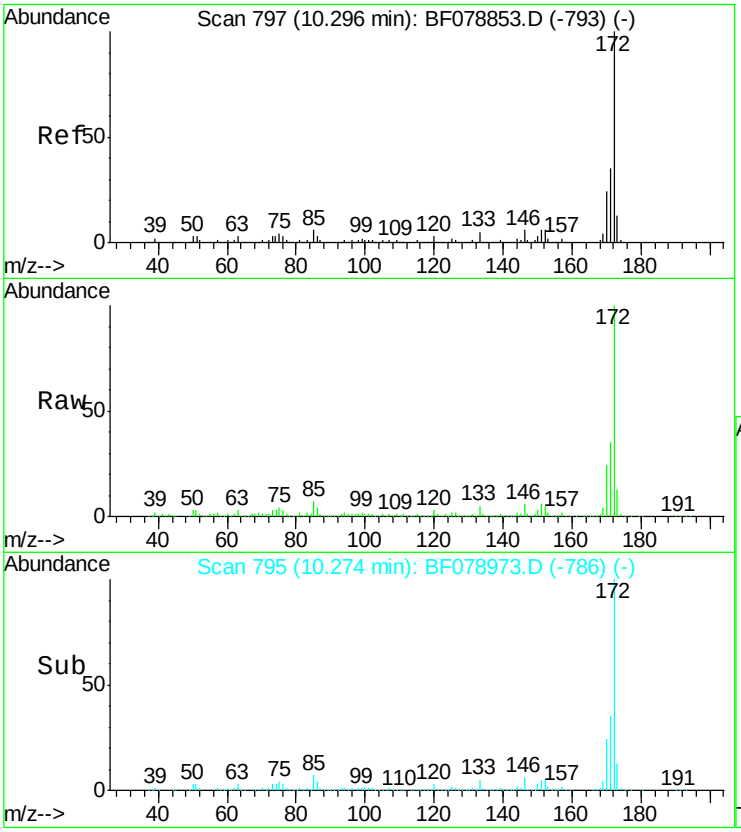


#41
2,4,6-Tribromophenol
Concen: 148.22 ng
RT: 12.09 min Scan# 954
Delta R.T. 0.01 min
Lab File: BF078973.D
Acq: 6 May 2015 21:19

Tgt Ion:330 Resp: 227491

Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	33.3	0.0	0.0#



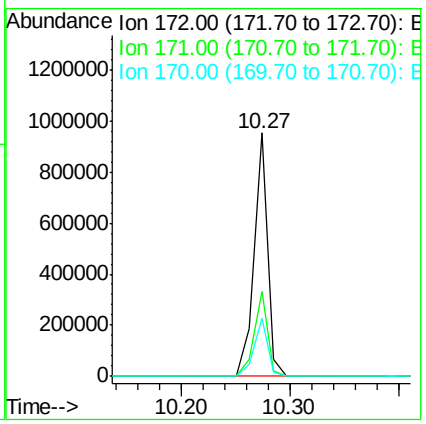


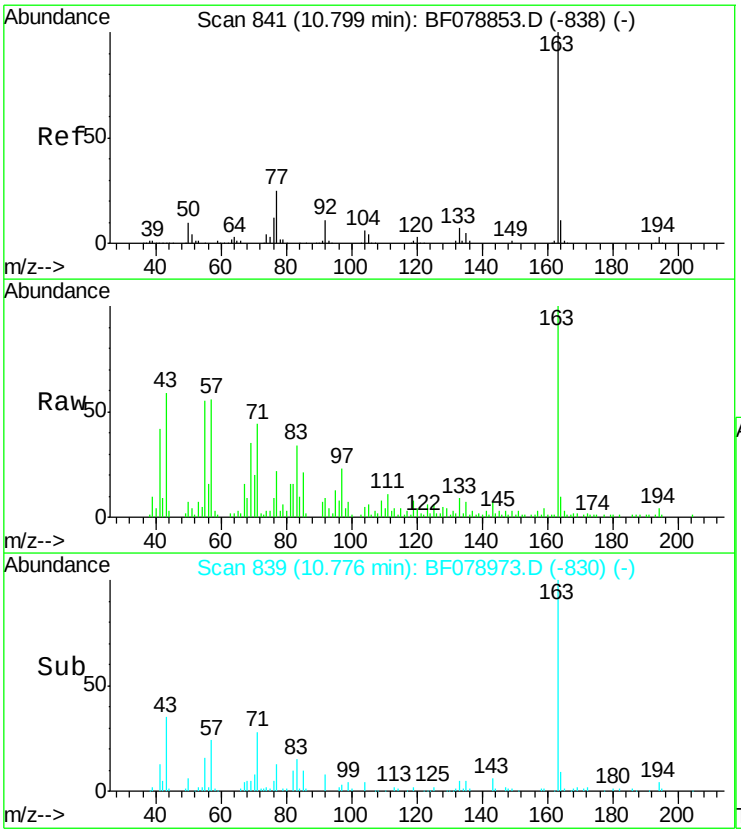
#44
2-Fluorobiphenyl
Concen: 81.78 ng
RT: 10.27 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF078973.D
Acq: 6 May 2015 21:19

Instrument :
BNA_F
ClientSampleId :
TP-11-D3.5

Tgt Ion:172 Resp: 832840

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.9	41.9
170	24.0	19.4	29.0

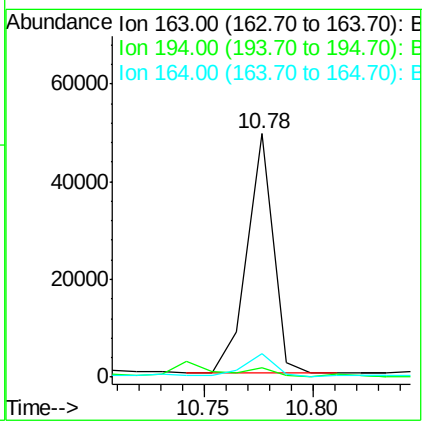


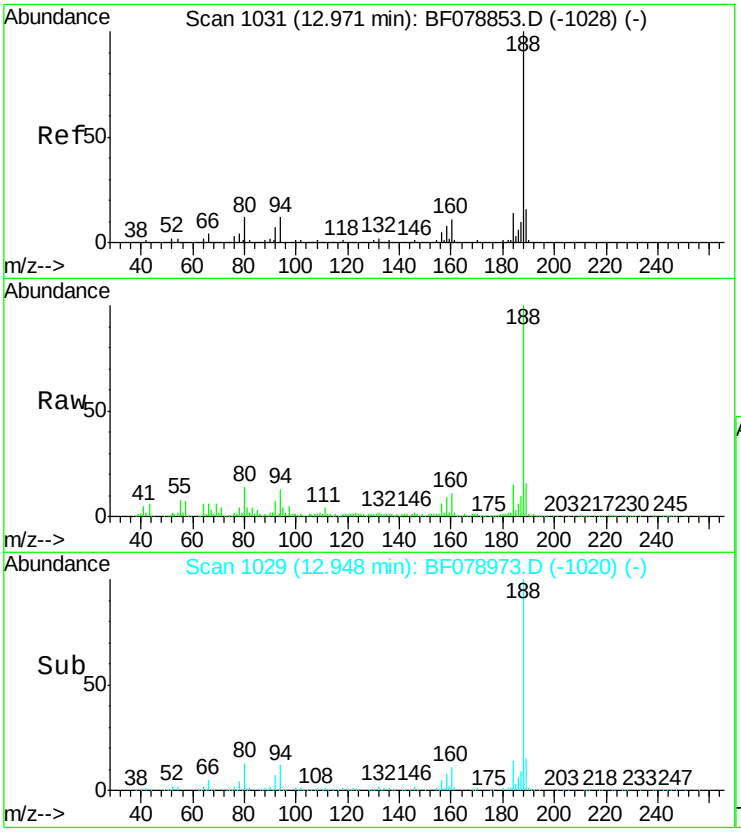


#49
Dimethylphthalate
Concen: 3.94 ng
RT: 10.78 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF078973.D
Acq: 6 May 2015 21:19

Tgt Ion:163 Resp: 41001

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.6	4.0
164	9.7	8.1	12.1



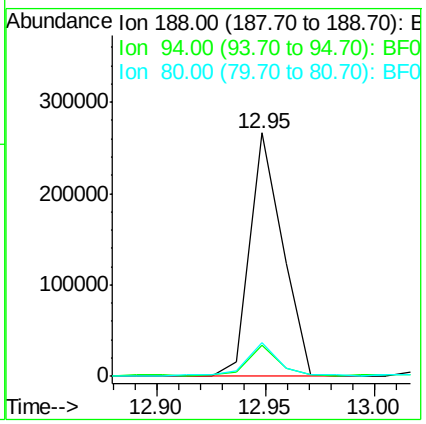


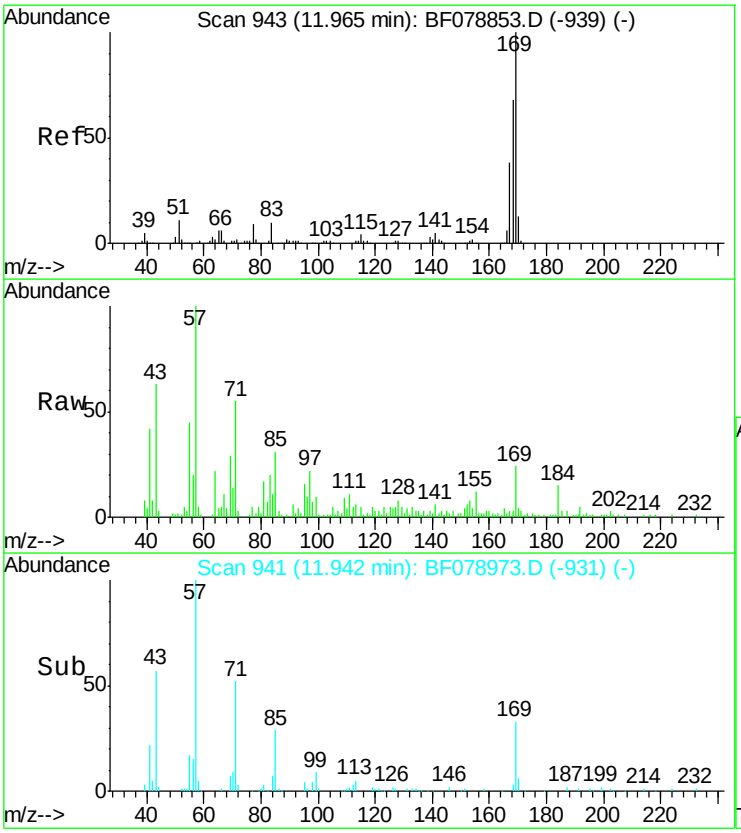
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.95 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF078973.D
Acq: 6 May 2015 21:19

Instrument :
BNA_F
ClientSampleId :
TP-11-D3.5

Tgt Ion:188 Resp: 279915

Ion	Ratio	Lower	Upper
188	100		
94	12.7	8.2	12.2#
80	13.8	8.9	13.3#

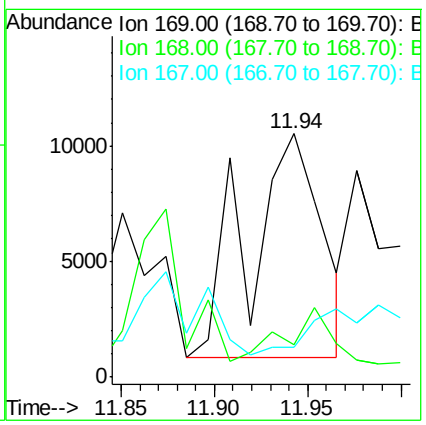


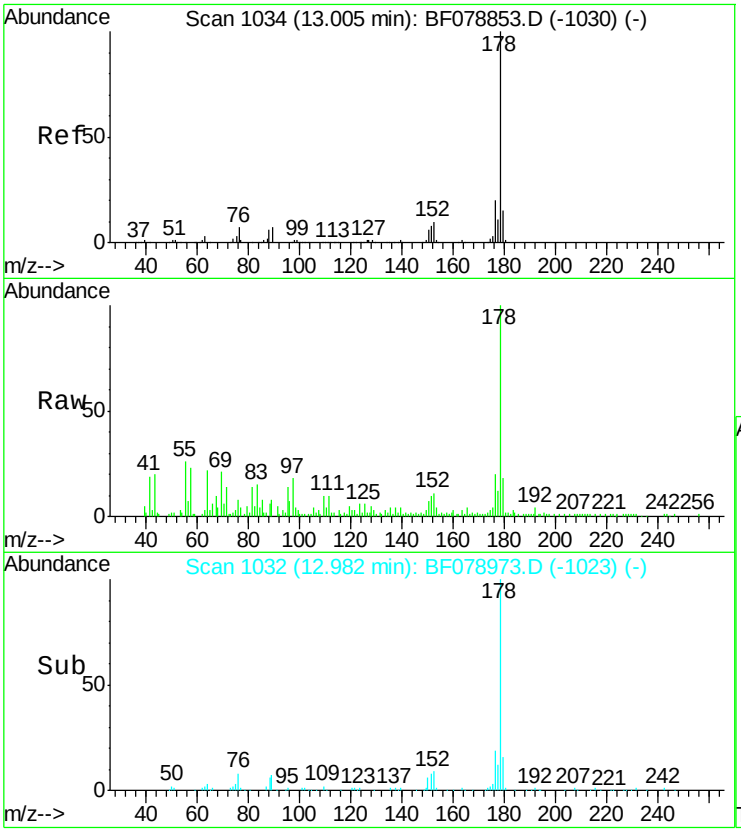


#65
n-Nitrosodiphenylamine
Concen: 2.84 ng
RT: 11.94 min Scan# 941
Delta R.T. 0.01 min
Lab File: BF078973.D
Acq: 6 May 2015 21:19

Tgt Ion:169 Resp: 26482

Ion	Ratio	Lower	Upper
169	100		
168	13.3	54.6	82.0#
167	12.3	30.6	45.8#



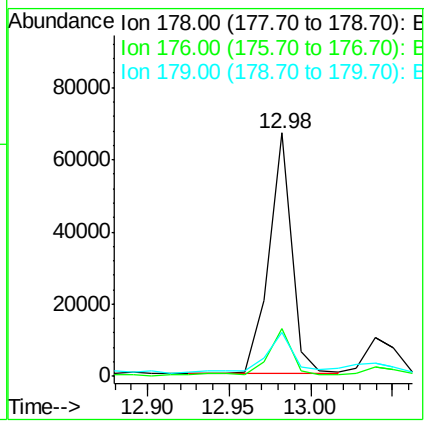


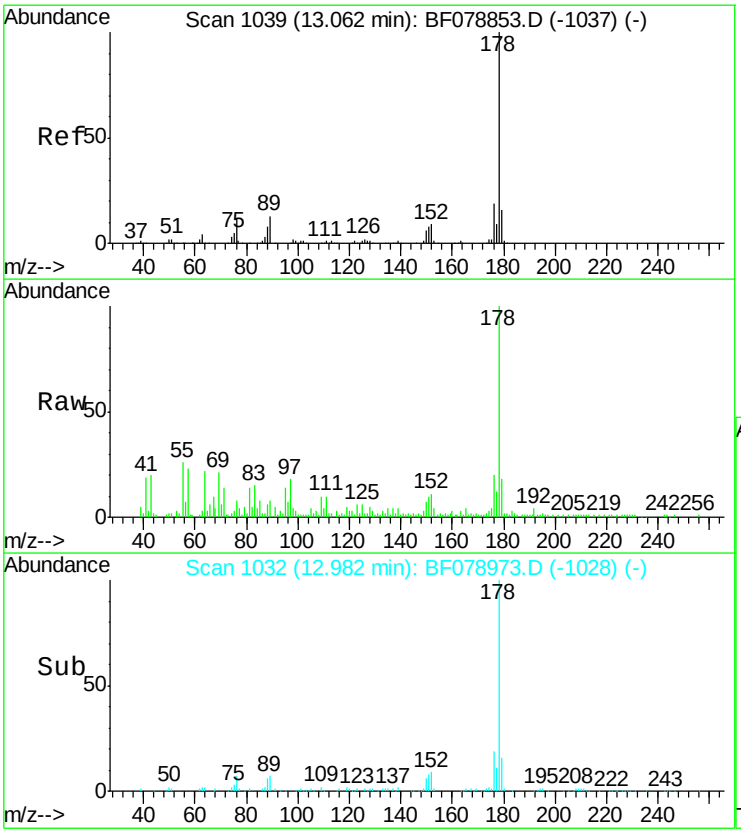
#70
Phenanthrene
Concen: 4.18 ng
RT: 12.98 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF078973.D
Acq: 6 May 2015 21:19

Instrument :
BNA_F
ClientSampleId :
TP-11-D3.5

Tgt Ion:178 Resp: 65449

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	17.8	12.5	18.7

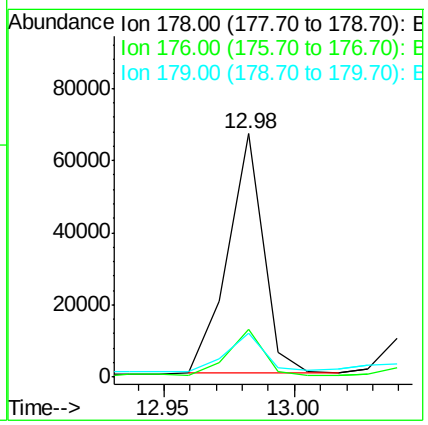


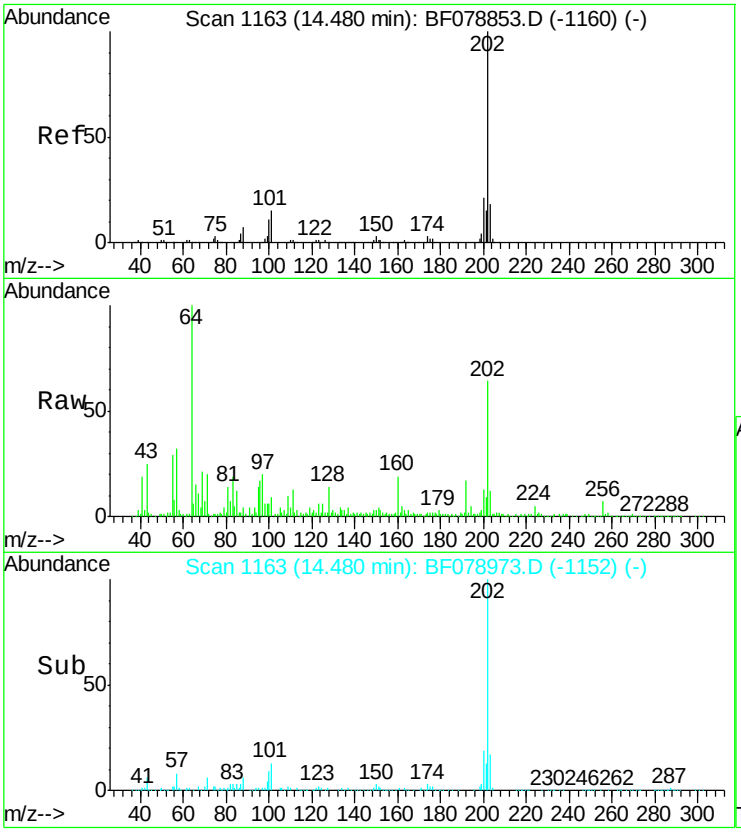


#71
Anthracene
Concen: 4.10 ng
RT: 12.98 min Scan# 1032
Delta R.T. -0.06 min
Lab File: BF078973.D
Acq: 6 May 2015 21:19

Tgt Ion:178 Resp: 62963

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	17.8	12.7	19.1



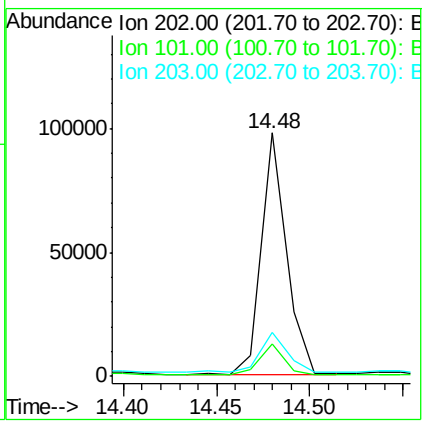


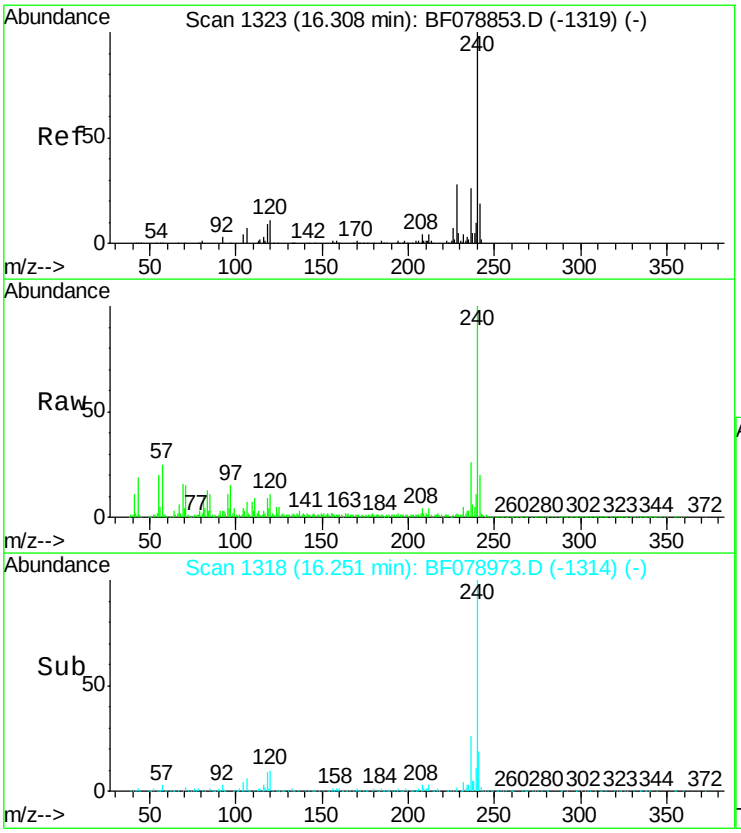
#74
Fluoranthene
Concen: 5.51 ng
RT: 14.48 min Scan# 1163
Delta R.T. 0.02 min
Lab File: BF078973.D
Acq: 6 May 2015 21:19

Instrument :
BNA_F
ClientSampleId :
TP-11-D3.5

Tgt Ion:202 Resp: 89850

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	34.6
203	18.2	0.0	38.4

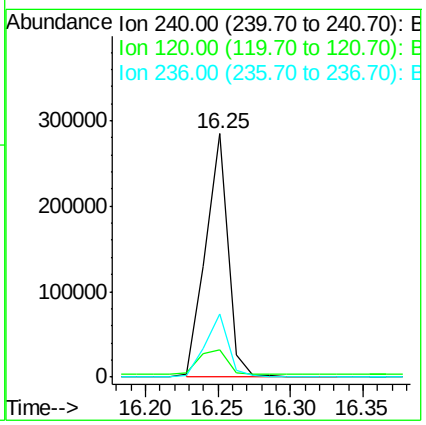


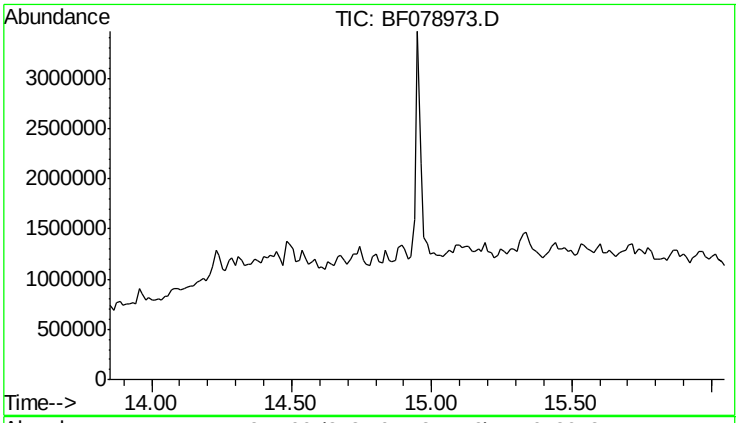


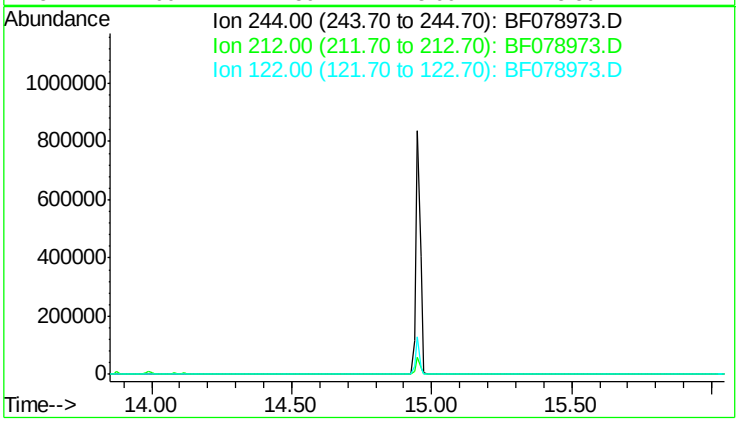
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.25 min Scan# 1318
Delta R.T. -0.06 min
Lab File: BF078973.D
Acq: 6 May 2015 21:19

Tgt Ion:240 Resp: 302811

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.7	14.5
236	26.1	20.2	30.4







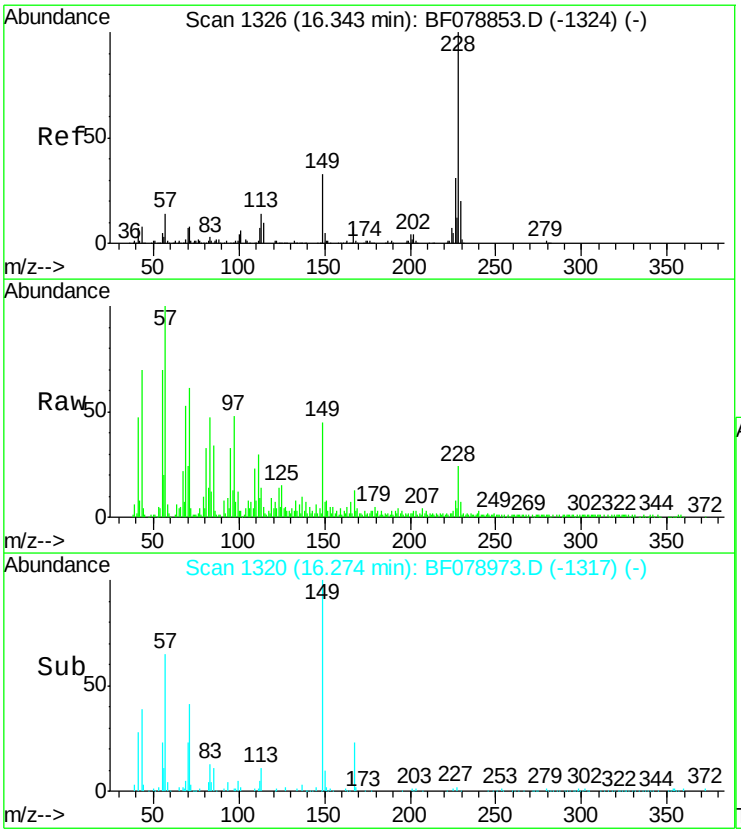
#78
Terphenyl-d14
Concen: 0.00 ng
Expected RT: 14.95 min

Lab File: BF078973.D
Acq: 6 May 2015 21:19

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.0
122	12.9

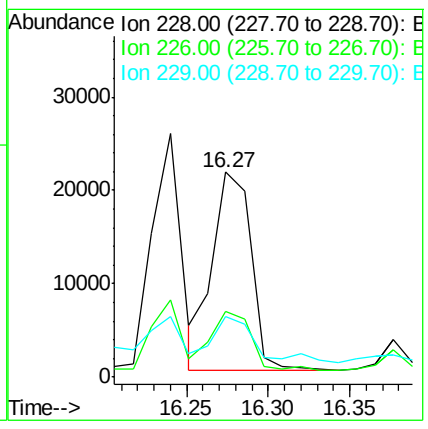
Instrument :
BNA_F
ClientSampleId :
TP-11-D3.5

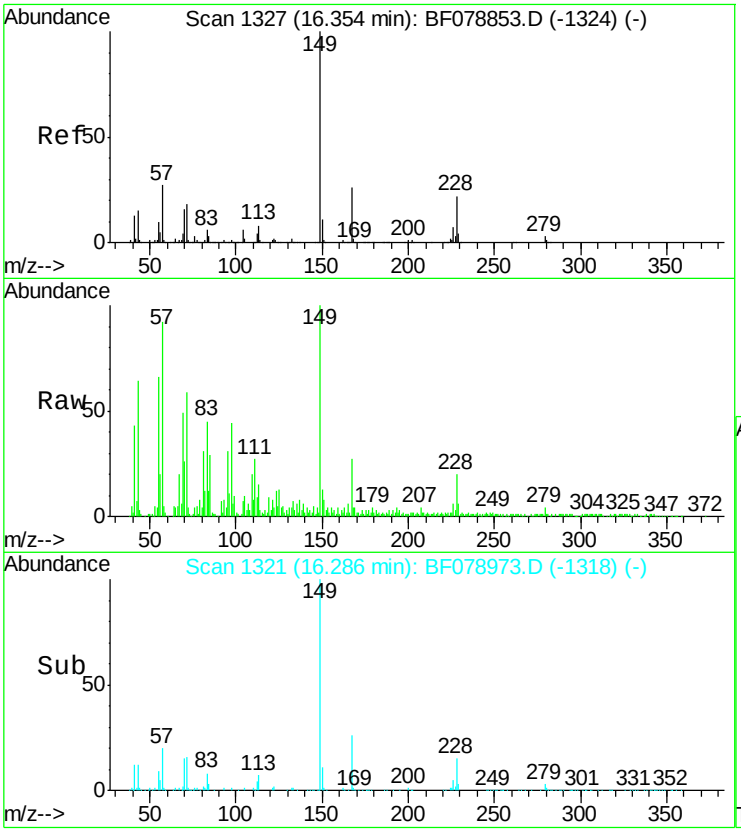


#82
Chrysene
Concen: 2.20 ng
RT: 16.27 min Scan# 1320
Delta R.T. -0.07 min
Lab File: BF078973.D
Acq: 6 May 2015 21:19

Tgt Ion:228 Resp: 35071

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.9	37.3
229	29.6	16.0	24.0#



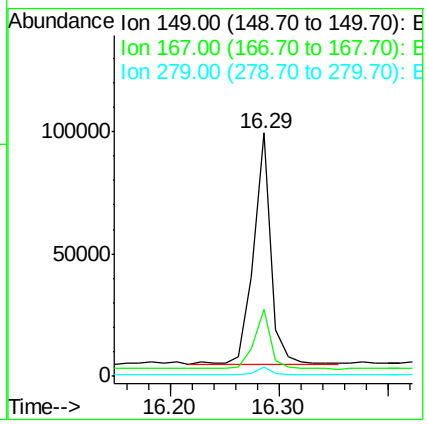


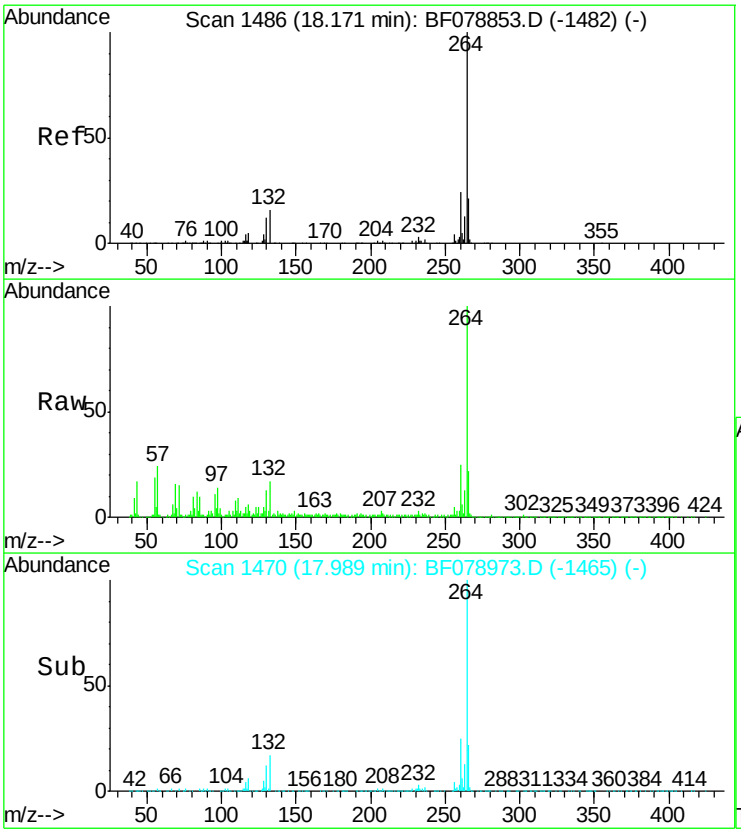
#83
Bis(2-ethylhexyl)phthalate
Concen: 9.05 ng
RT: 16.29 min Scan# 1321
Delta R.T. -0.07 min
Lab File: BF078973.D
Acq: 6 May 2015 21:19

Instrument :
BNA_F
ClientSampleId :
TP-11-D3.5

Tgt Ion:149 Resp: 104603

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.8	32.8
279	3.8	2.9	4.3

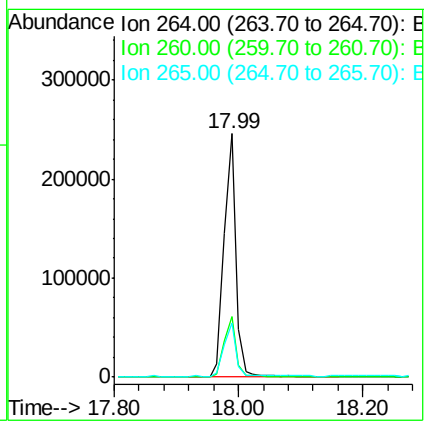


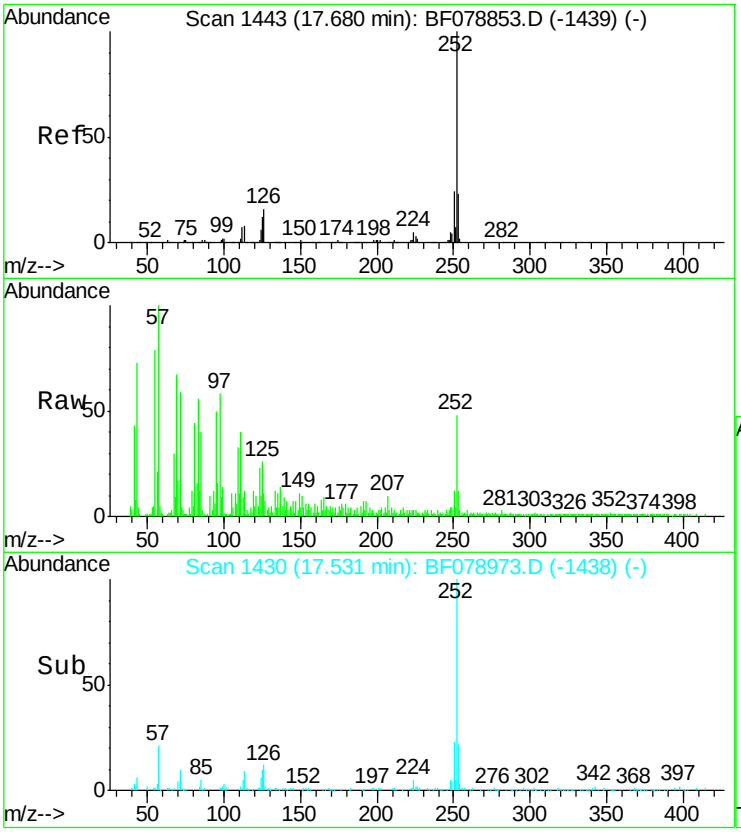


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.99 min Scan# 1470
Delta R.T. -0.24 min
Lab File: BF078973.D
Acq: 6 May 2015 21:19

Tgt Ion:264 Resp: 319230

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	22.1	18.3	27.5



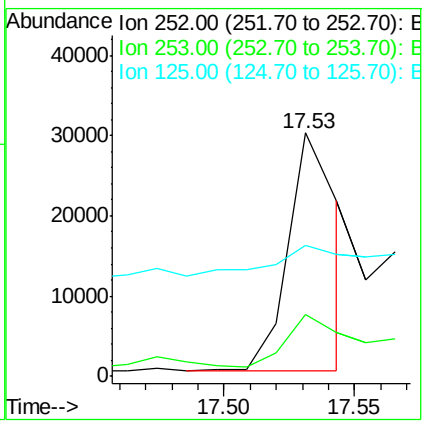


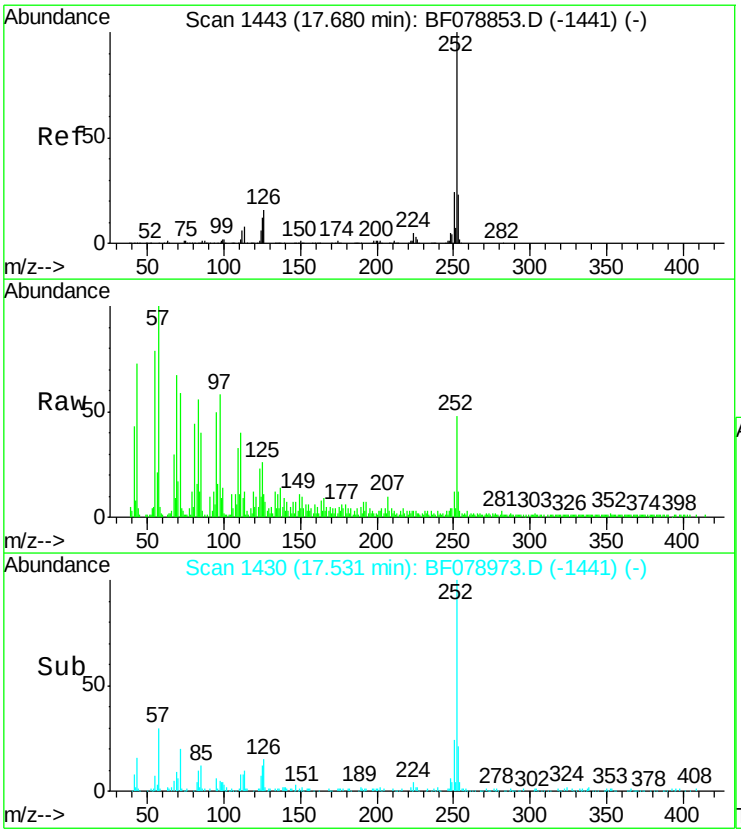
#87
Benzo(b)fluoranthene
Concen: 2.23 ng
RT: 17.53 min Scan# 1430
Delta R.T. -0.19 min
Lab File: BF078973.D
Acq: 6 May 2015 21:19

Instrument :
BNA_F
ClientSampleId :
TP-11-D3.5

Tgt Ion:252 Resp: 38990

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.7	26.5
125	54.0	9.5	14.3#





#88
Benzo(k)fluoranthene
Concen: 3.47 ng
RT: 17.53 min Scan# 1430
Delta R.T. -0.23 min
Lab File: BF078973.D
Acq: 6 May 2015 21:19

Tgt Ion:252 Resp: 58750

Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.1	27.1
125	54.0	10.0	15.0#