Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051815\
Data File : BF079327.D
Acq On : 19 May 2015 2:31
Operator : TP/IZ
Sample : G2272-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-10-D1

Quant Time: May 19 03:46:21 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 01:57:52 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng		-7.22
21) Naphthalene-d8	8.74	136	188909	20.00	ng		-0.06
38) Acenaphthene-d10	10.91	164	98220	20.00	ng		-0.06
63) Phenanthrene-d10	12.75	188	189169	20.00	ng		-0.07
75) Chrysene-d12	16.70	240	8515	20.00	ng		0.19
86) Perylene-d12	19.18	264	195	20.00	ng		0.30
System Monitoring Compounds							
5) 2-Fluorophenol	0.00	112	0	0.00	ng		
7) Phenol-d6	0.00	99	0	0.00	ng		
23) Nitrobenzene-d5	7.86	82	273289	83.14	ng		-0.06
41) 2,4,6-Tribromophenol	11.90	330	141901	133.55	ng		-0.06
44) 2-Fluorobiphenyl	10.09	172	539495	76.53	ng		-0.06
78) Terphenyl-d14	15.06	244	238	0.67	ng		0.14
Target Compounds							Qvalue
48) Acenaphthylene	10.74	152	22145	2.21	ng		100
49) Dimethylphthalate	10.59	163	31068	4.31	ng		99
70) Phenanthrene	12.79	178	81882	7.74	ng		99
71) Anthracene	12.86	178	30830	2.97	ng		97
74) Fluoranthene	14.26	202	153539	13.92	ng		99
76) Benzidine	14.75	184	8428	36.73	ng	#	93
79) Butylbenzylphthalate	15.83	149	923	4.30	ng	#	20
81) 3,3'-Dichlorobenzidine	16.66	252	1704	10.26	ng	#	1
83) Bis(2-ethylhexyl)phthalate	16.81	149	652	2.01	ng	#	75
84) Di-n-octyl phthalate	17.93	149	1870	3.27	ng	#	1
87) Benzo(b)fluoranthene	18.53	252	266	24.92	ng	#	1
88) Benzo(k)fluoranthene	18.58	252	829	80.23	ng	#	1
89) Benzo(a)pyrene	19.07	252	435	44.26	ng	#	1
90) Dibenzo(a,h)anthracene	21.03	278	86	8.23	ng	#	1
91) Benzo(g,h,i)perylene	21.33	276	267	25.50	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051815\
Data File : BF079327.D
Acq On : 19 May 2015 2:31
Operator : TP/IZ
Sample : G2272-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-10-D1

Quant Time: May 19 03:46:21 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 01:57:52 2015
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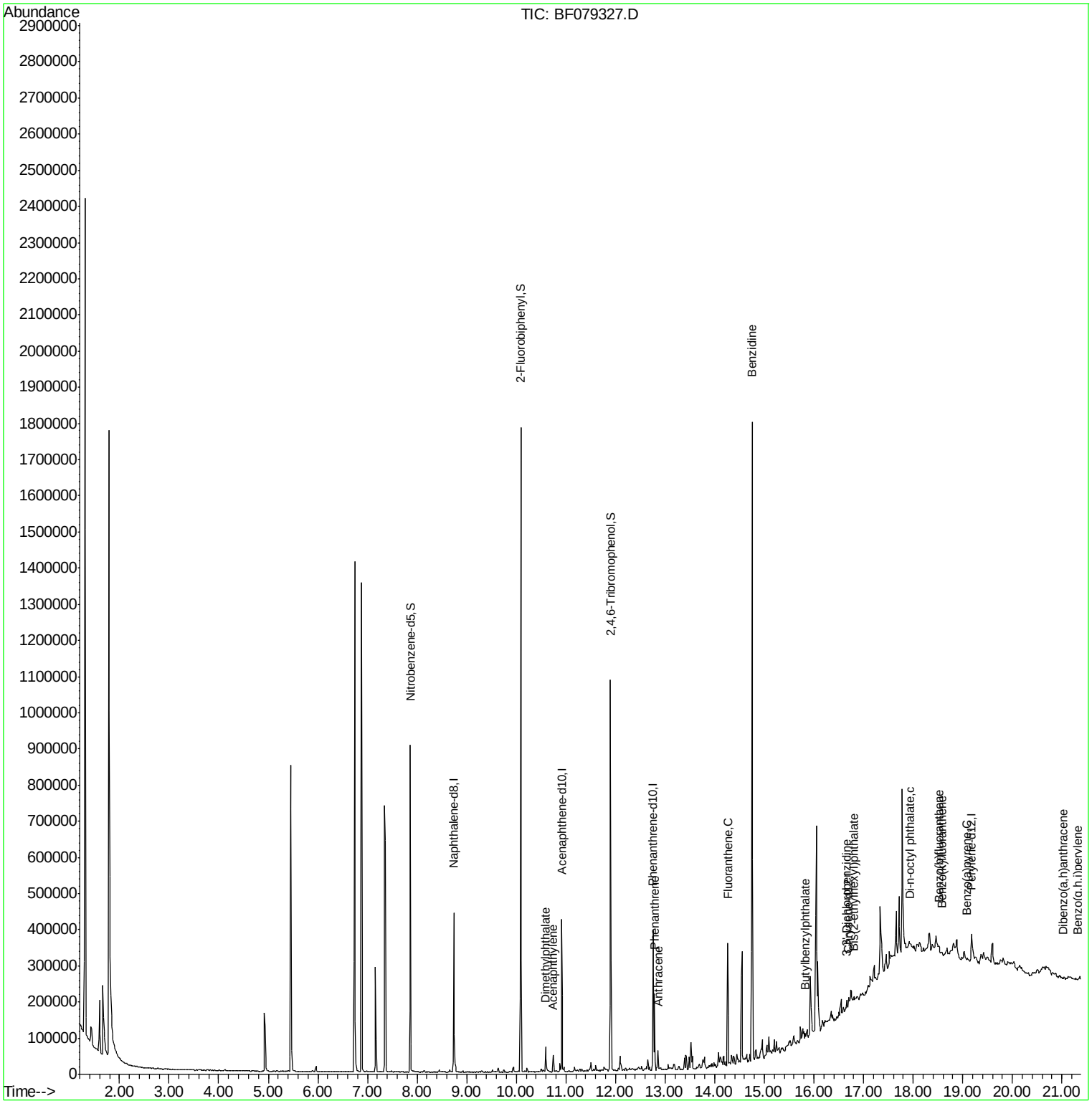
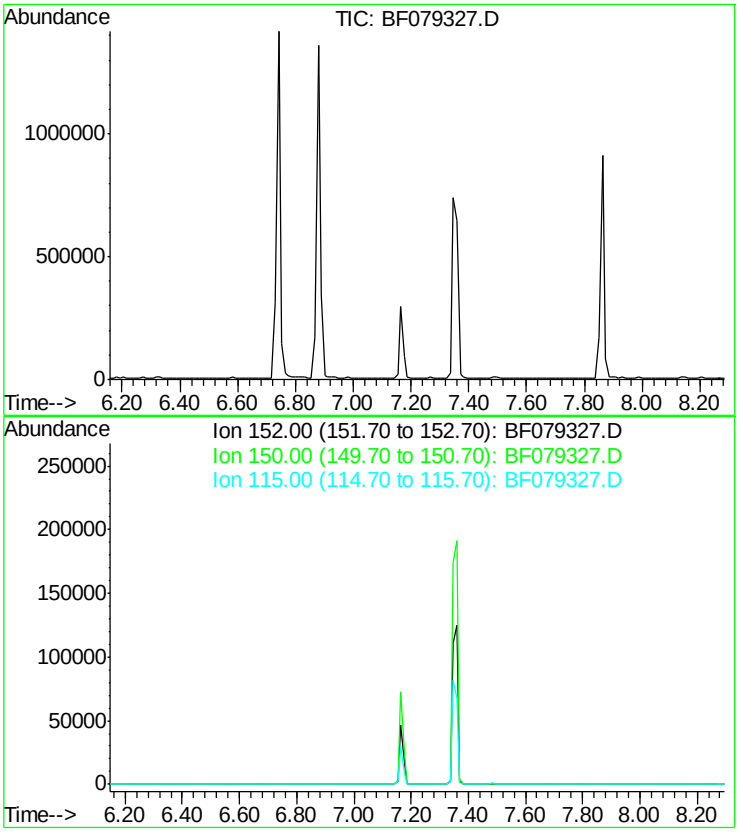




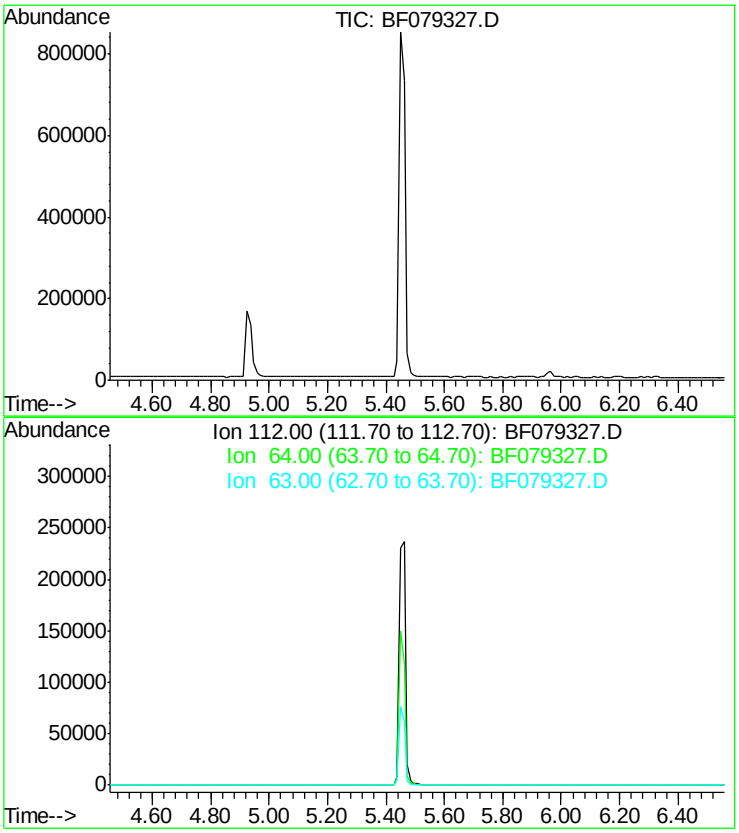
#1
1,4-Dichlorobenzene-d4
Concen: 0.00 ng
Expected RT: 7.22 min

Lab File: BF079327.D
Acq: 19 May 2015 2:31

Instrument :
BNA_F
ClientSampleId :
WC-10-D1

Tgt Ion: 152

Sig	Exp Ratio
152	100
150	154.8
115	61.7

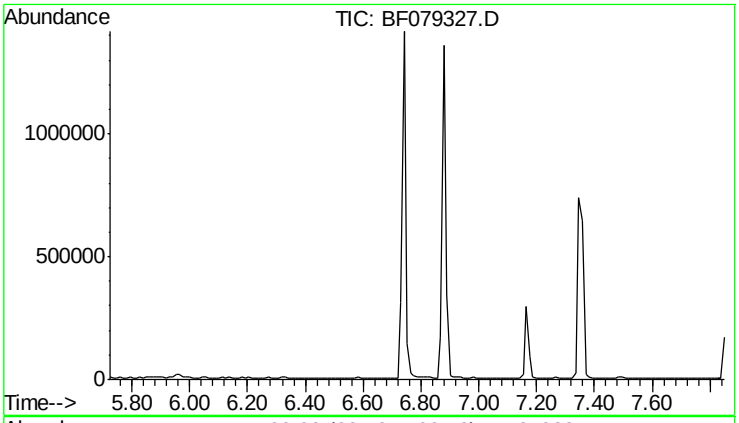


#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.51 min

Lab File: BF079327.D
Acq: 19 May 2015 2:31

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	55.2
63	28.4



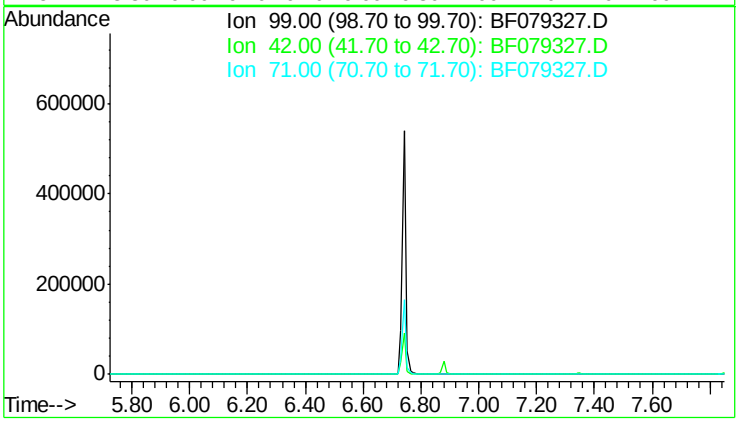
#7
Phenol-d6
Concen: 0.00 ng
Expected RT: 6.79 min

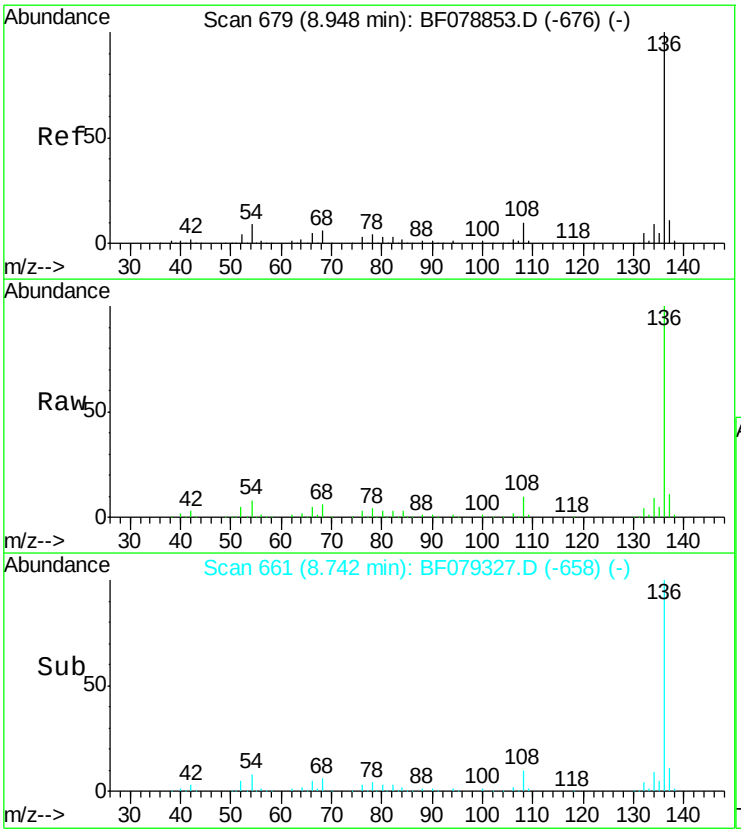
Lab File: BF079327.D
Acq: 19 May 2015 2:31

Instrument :
BNA_F
ClientSampleId :
WC-10-D1

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	21.4
71	32.9

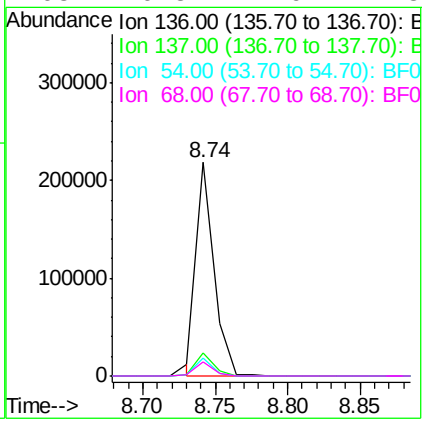


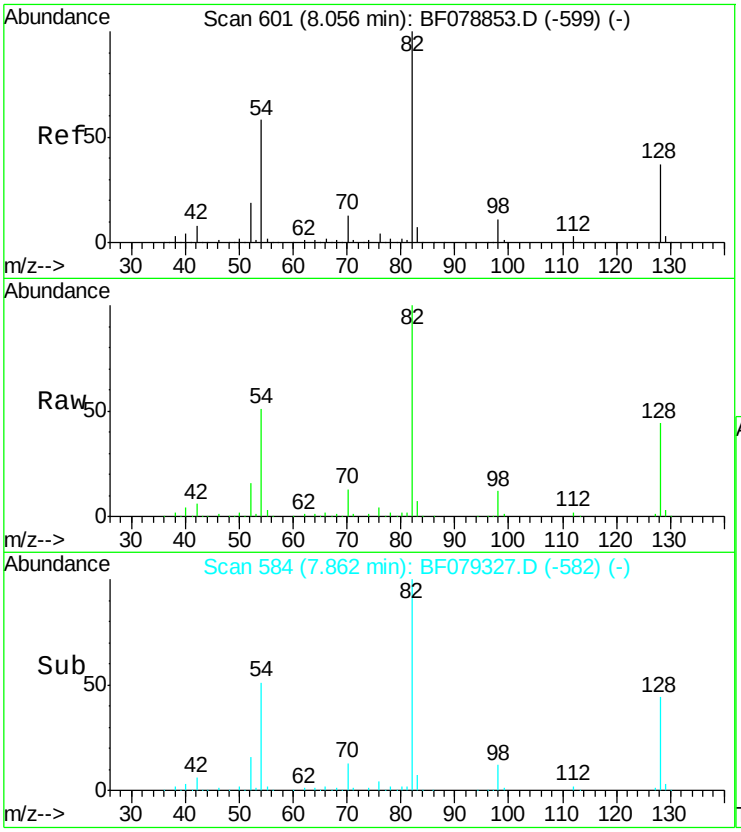


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 661
Delta R.T. -0.06 min
Lab File: BF079327.D
Acq: 19 May 2015 2:31

Tgt Ion:136 Resp: 188909

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.3	6.9	10.3
68	6.3	4.9	7.3



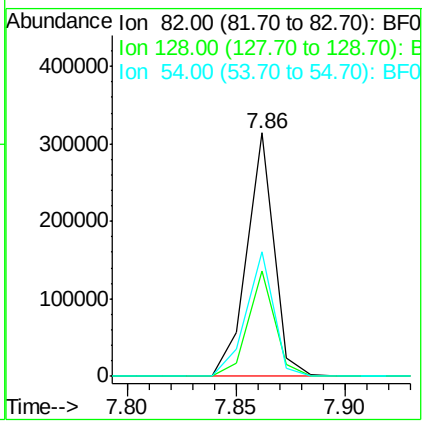


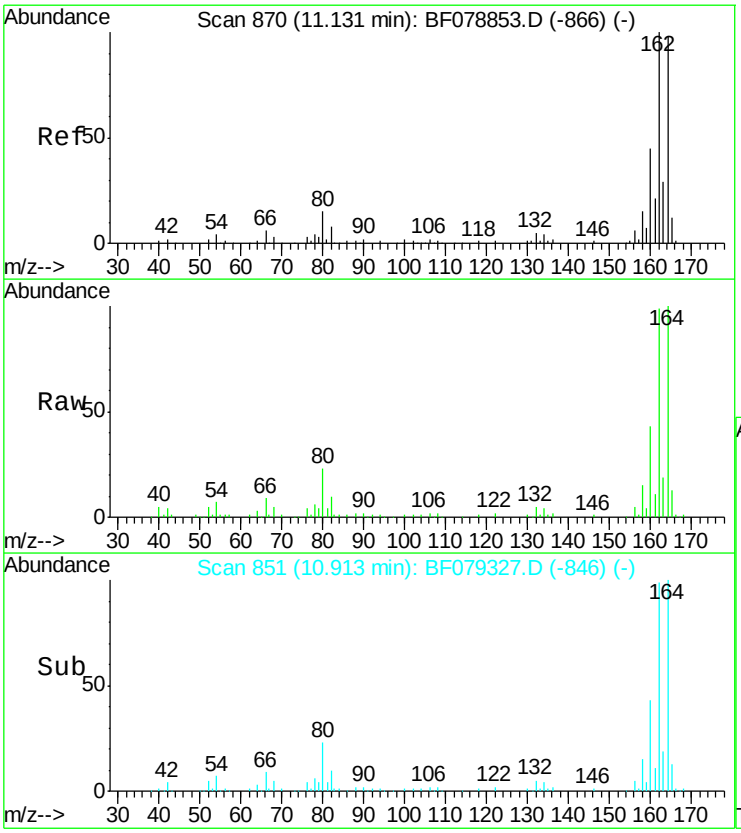
#23
Nitrobenzene-d5
Concen: 83.14 ng
RT: 7.86 min Scan# 584
Delta R.T. -0.06 min
Lab File: BF079327.D
Acq: 19 May 2015 2:31

Instrument :
BNA_F
ClientSampleId :
WC-10-D1

Tgt Ion: 82 Resp: 273289

Ion	Ratio	Lower	Upper
82	100		
128	43.5	29.7	44.5
54	51.4	46.2	69.4

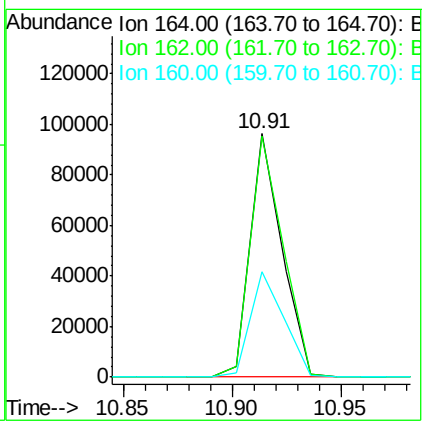


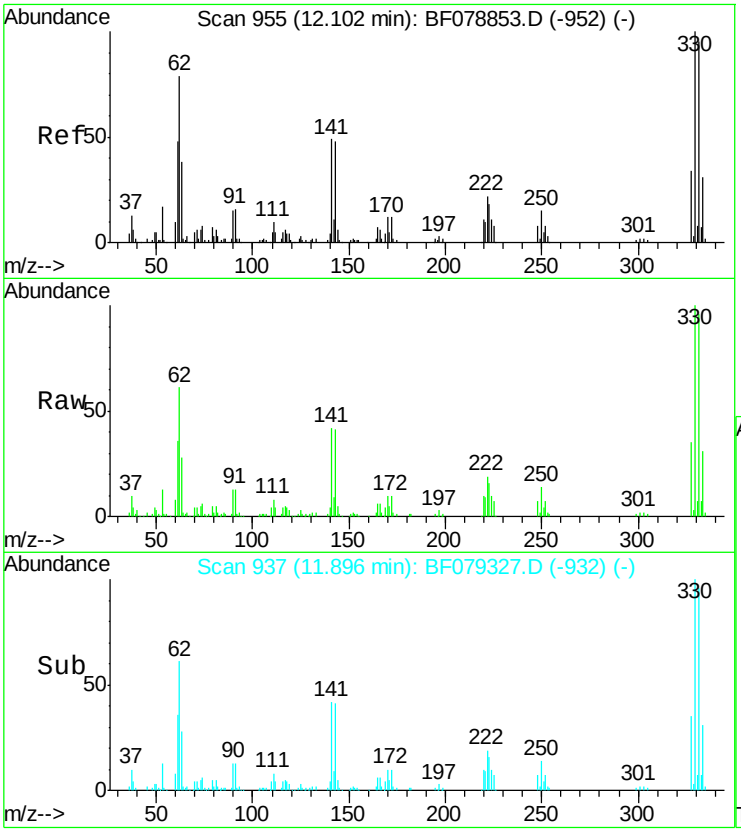


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 851
Delta R.T. -0.06 min
Lab File: BF079327.D
Acq: 19 May 2015 2:31

Tgt Ion:164 Resp: 98220

Ion	Ratio	Lower	Upper
164	100		
162	98.8	81.4	122.0
160	43.5	36.6	54.8



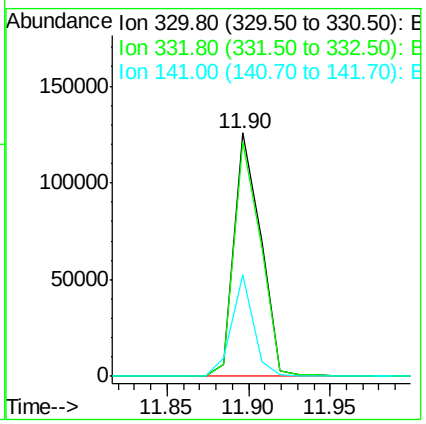


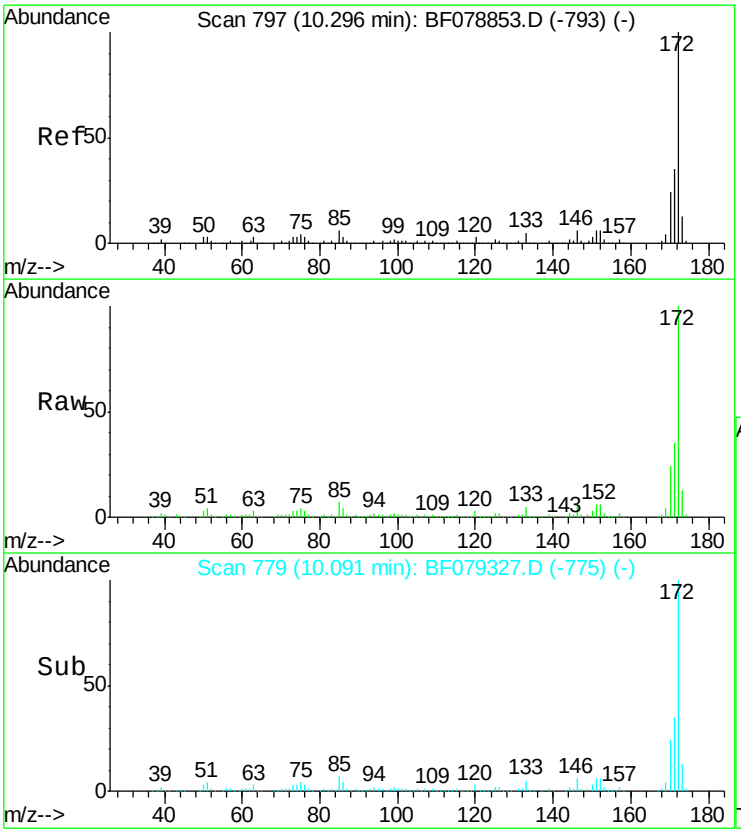
#41
2,4,6-Tribromophenol
Concen: 133.55 ng
RT: 11.90 min Scan# 937
Delta R.T. -0.06 min
Lab File: BF079327.D
Acq: 19 May 2015 2:31

Instrument :
BNA_F
ClientSampleId :
WC-10-D1

Tgt Ion:330 Resp: 141901

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.9	115.3
141	34.7	27.8	41.8

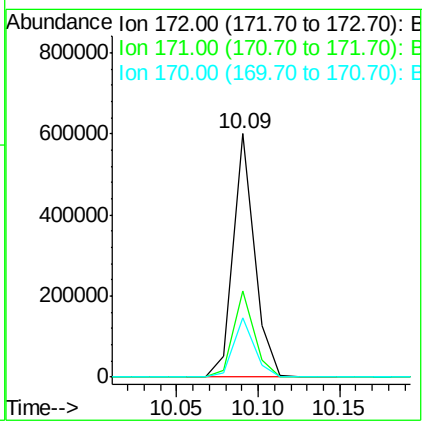


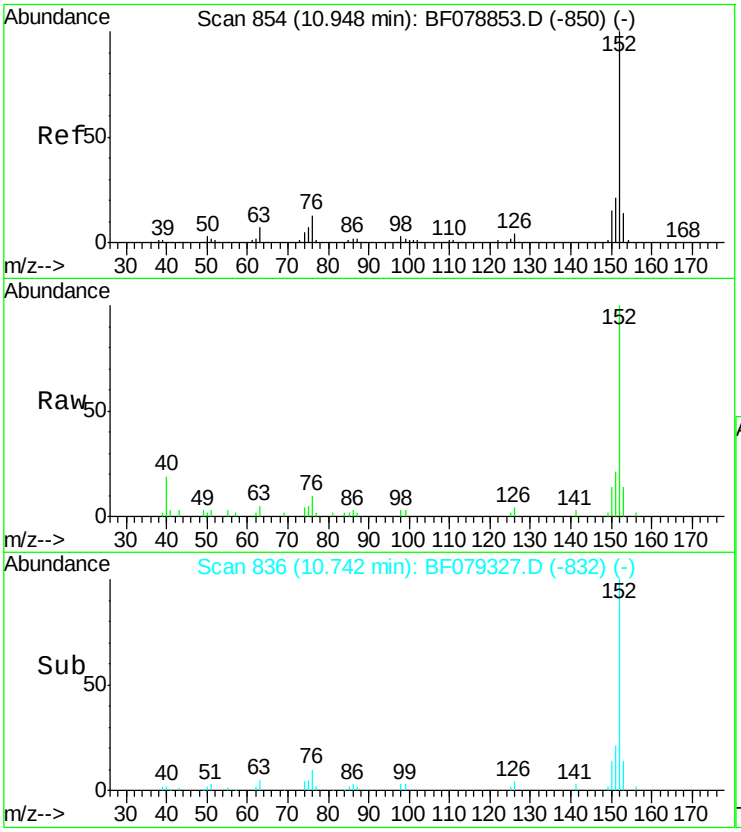


#44
2-Fluorobiphenyl
Concen: 76.53 ng
RT: 10.09 min Scan# 779
Delta R.T. -0.06 min
Lab File: BF079327.D
Acq: 19 May 2015 2:31

Tgt Ion:172 Resp: 539495

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.3	42.5
170	24.4	19.4	29.2



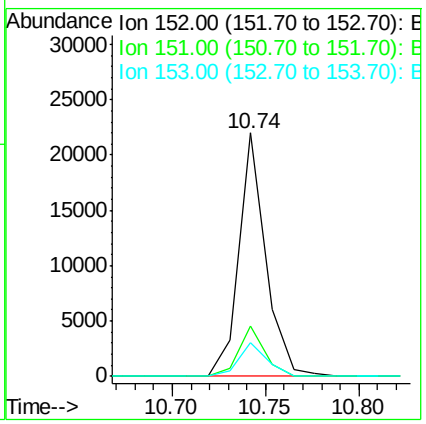


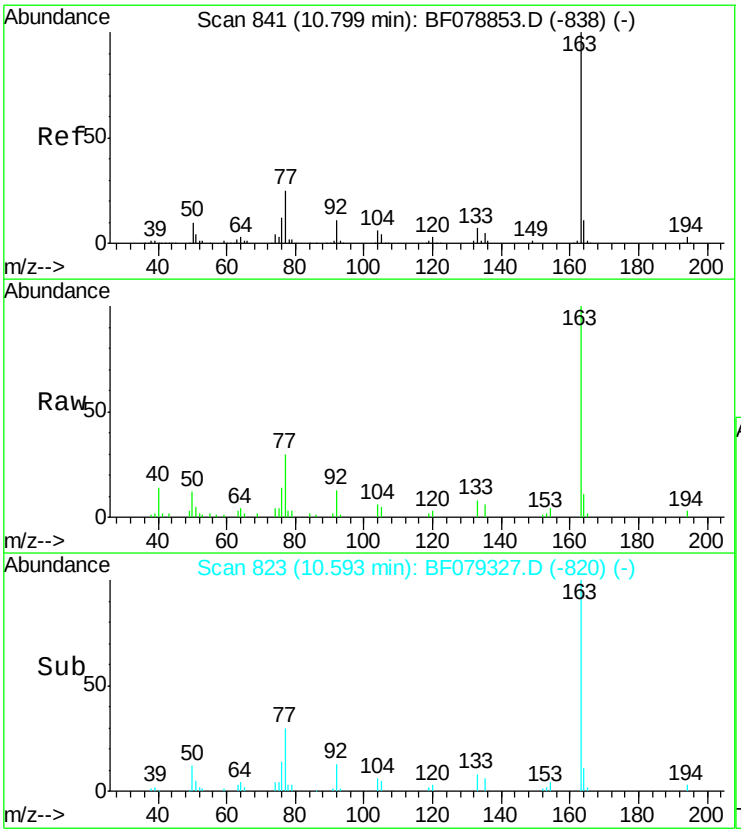
#48
Acenaphthylene
Concen: 2.21 ng
RT: 10.74 min Scan# 836
Delta R.T. -0.06 min
Lab File: BF079327.D
Acq: 19 May 2015 2:31

Instrument :
BNA_F
ClientSampleId :
WC-10-D1

Tgt Ion:152 Resp: 22145

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.6	24.8
153	13.7	11.0	16.6

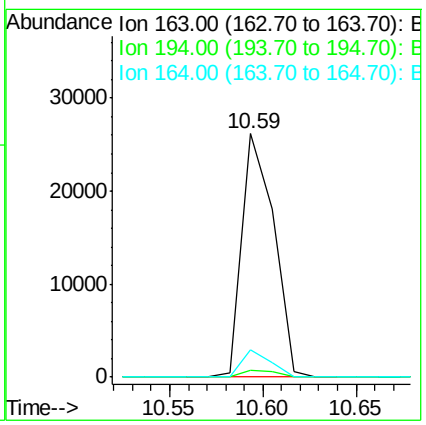


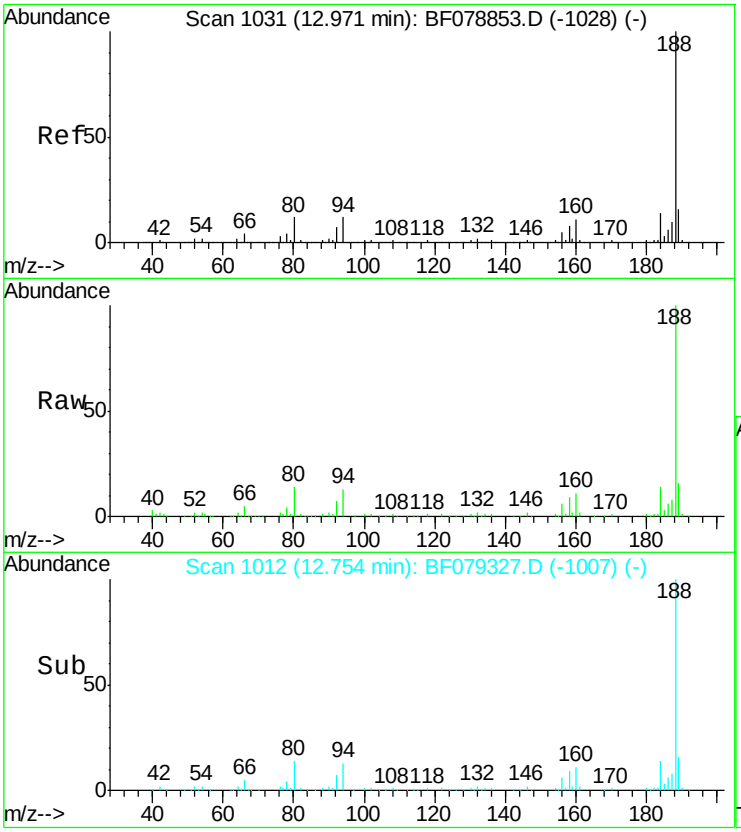


#49
Dimethylphthalate
Concen: 4.31 ng
RT: 10.59 min Scan# 823
Delta R.T. -0.07 min
Lab File: BF079327.D
Acq: 19 May 2015 2:31

Tgt Ion:163 Resp: 31068

Ion	Ratio	Lower	Upper
163	100		
194	2.7	2.4	3.6
164	11.1	8.6	12.8



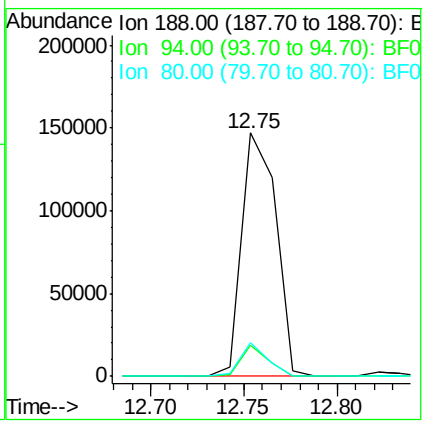


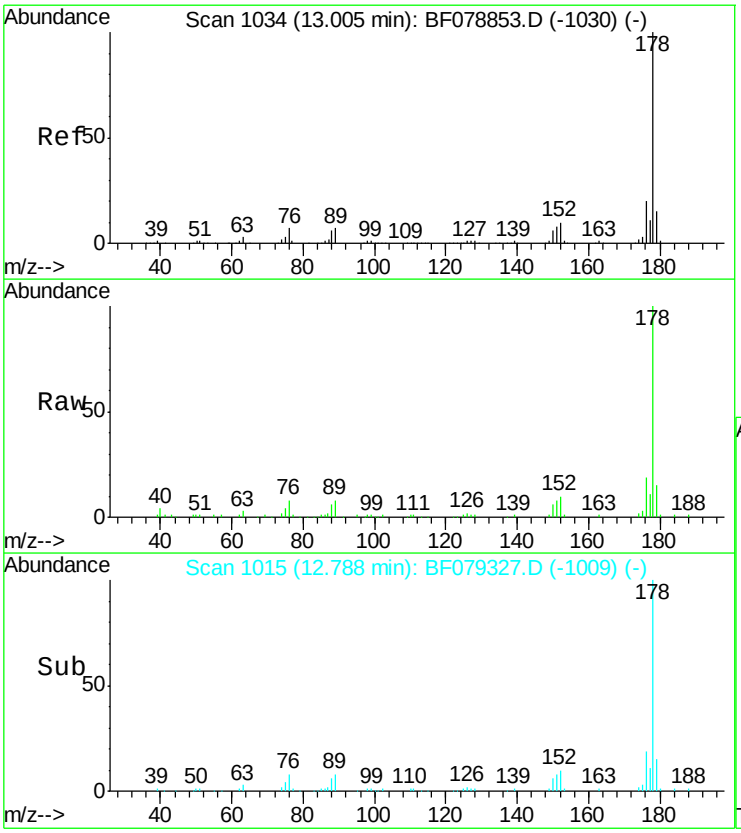
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1012
Delta R.T. -0.07 min
Lab File: BF079327.D
Acq: 19 May 2015 2:31

Instrument :
BNA_F
ClientSampleId :
WC-10-D1

Tgt Ion:188 Resp: 189169

Ion	Ratio	Lower	Upper
188	100		
94	12.7	9.4	14.0
80	14.0	9.8	14.6

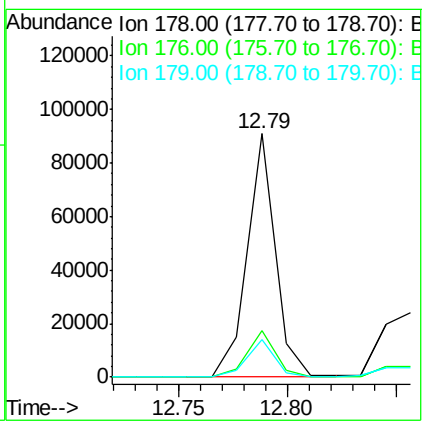


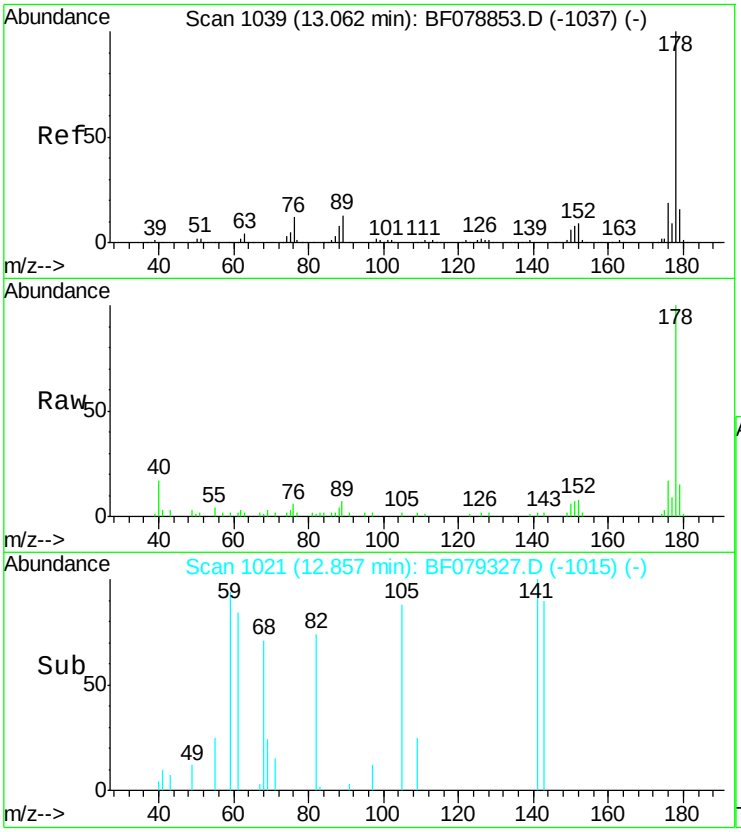


#70
Phenanthrene
Concen: 7.74 ng
RT: 12.79 min Scan# 1015
Delta R.T. -0.06 min
Lab File: BF079327.D
Acq: 19 May 2015 2:31

Tgt Ion:178 Resp: 81882

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.9	23.9
179	15.3	12.2	18.4



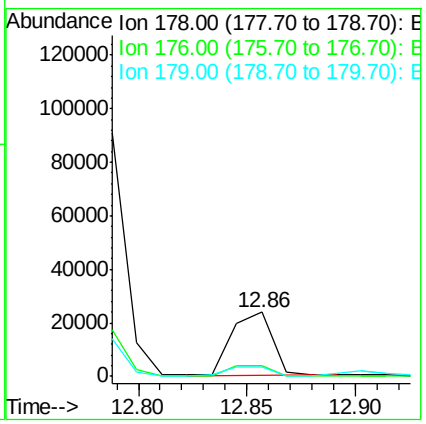


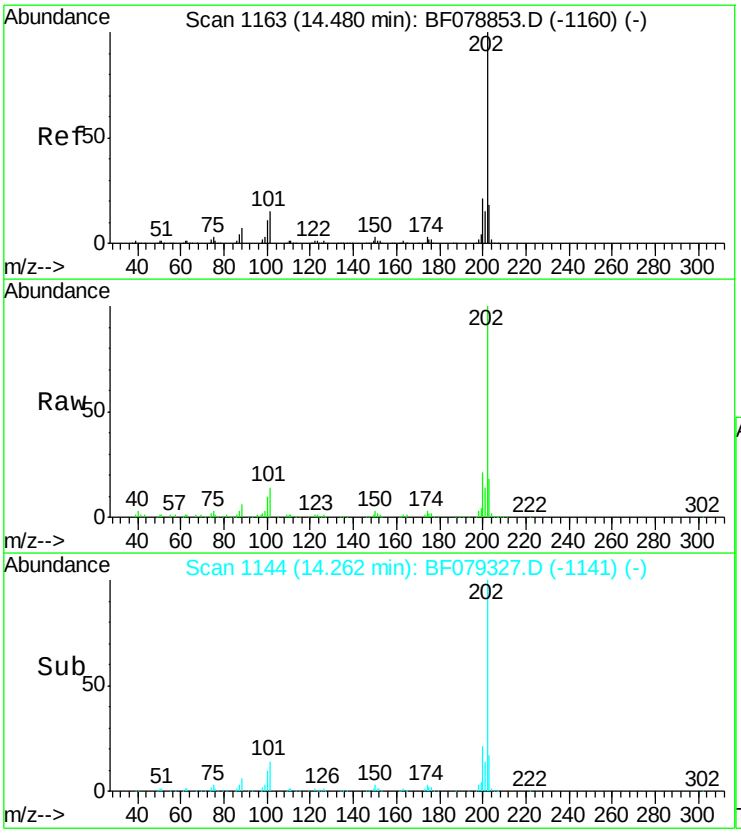
#71
Anthracene
Concen: 2.97 ng
RT: 12.86 min Scan# 1021
Delta R.T. -0.06 min
Lab File: BF079327.D
Acq: 19 May 2015 2:31

Instrument :
BNA_F
ClientSampleId :
WC-10-D1

Tgt Ion:178 Resp: 30830

Ion	Ratio	Lower	Upper
178	100		
176	17.2	15.3	22.9
179	15.4	12.6	19.0

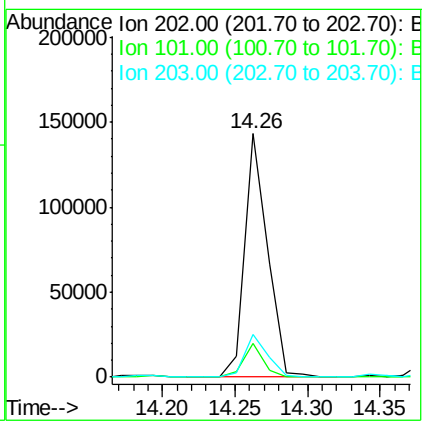


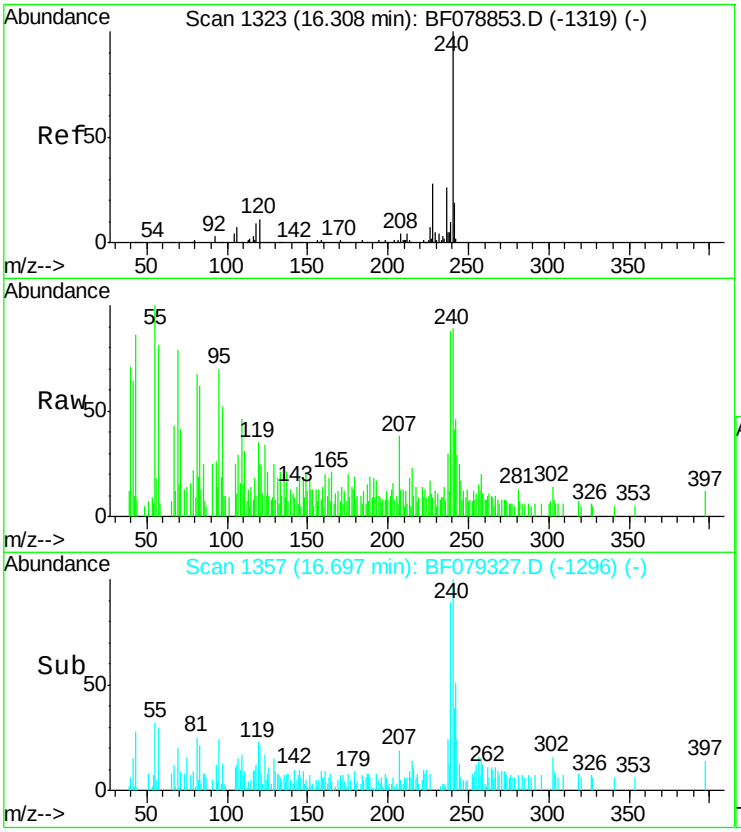


#74
Fluoranthene
Concen: 13.92 ng
RT: 14.26 min Scan# 1144
Delta R.T. -0.11 min
Lab File: BF079327.D
Acq: 19 May 2015 2:31

Tgt Ion:202 Resp: 153539

Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	34.7
203	17.5	0.0	37.9



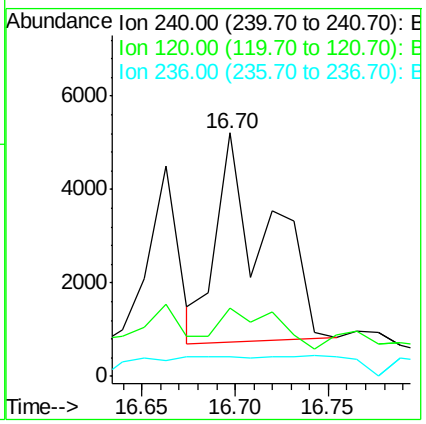


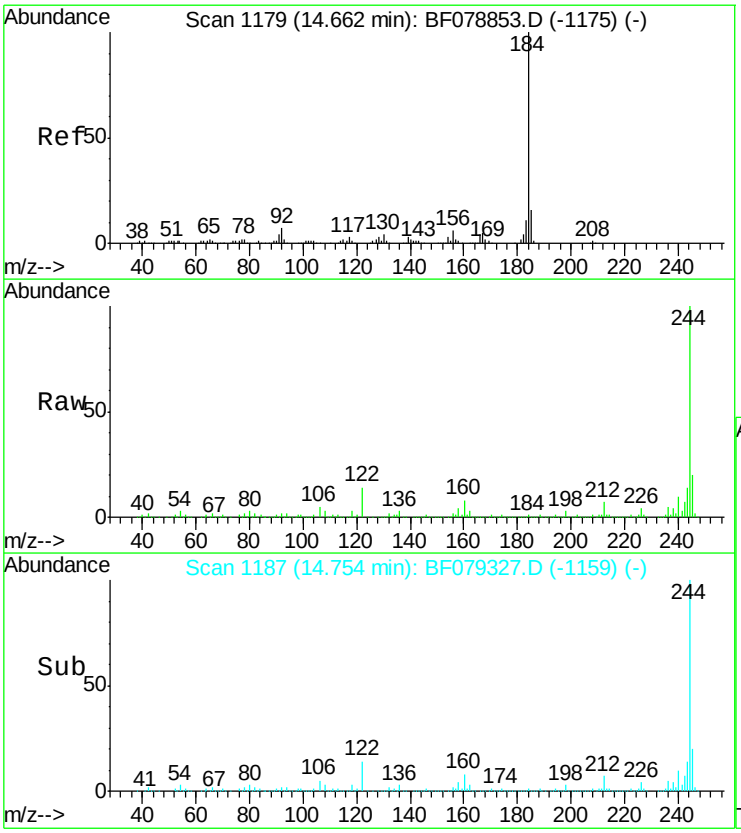
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.70 min Scan# 1357
Delta R.T. 0.19 min
Lab File: BF079327.D
Acq: 19 May 2015 2:31

Instrument :
BNA_F
ClientSampleId :
WC-10-D1

Tgt Ion:240 Resp: 8515

Ion	Ratio	Lower	Upper
240	100		
120	27.9	8.6	12.8#
236	7.9	21.0	31.6#

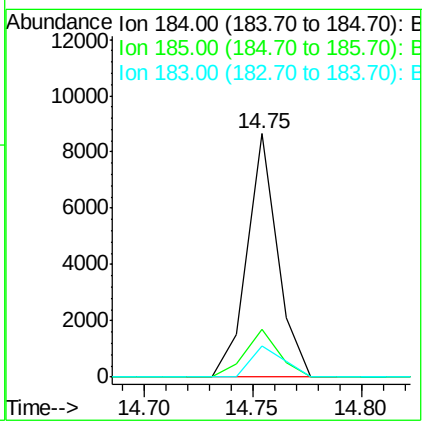


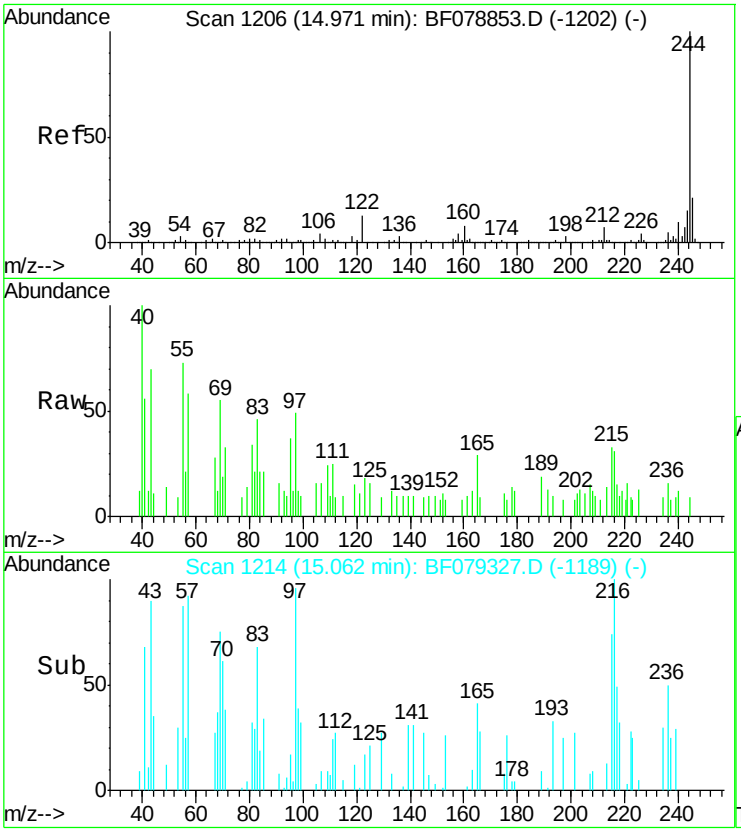


#76
Benzidine
Concen: 36.73 ng
RT: 14.75 min Scan# 1187
Delta R.T. 0.17 min
Lab File: BF079327.D
Acq: 19 May 2015 2:31

Tgt Ion:184 Resp: 8428

Ion	Ratio	Lower	Upper
184	100		
185	19.7	12.8	19.2#
183	12.6	9.0	13.4



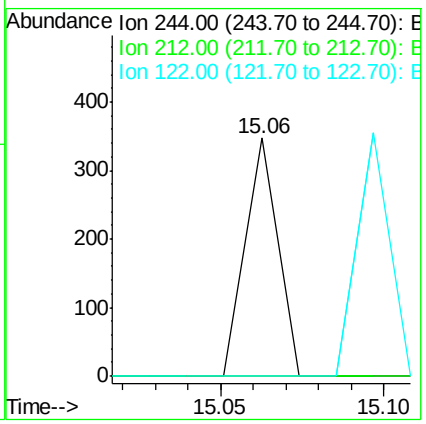


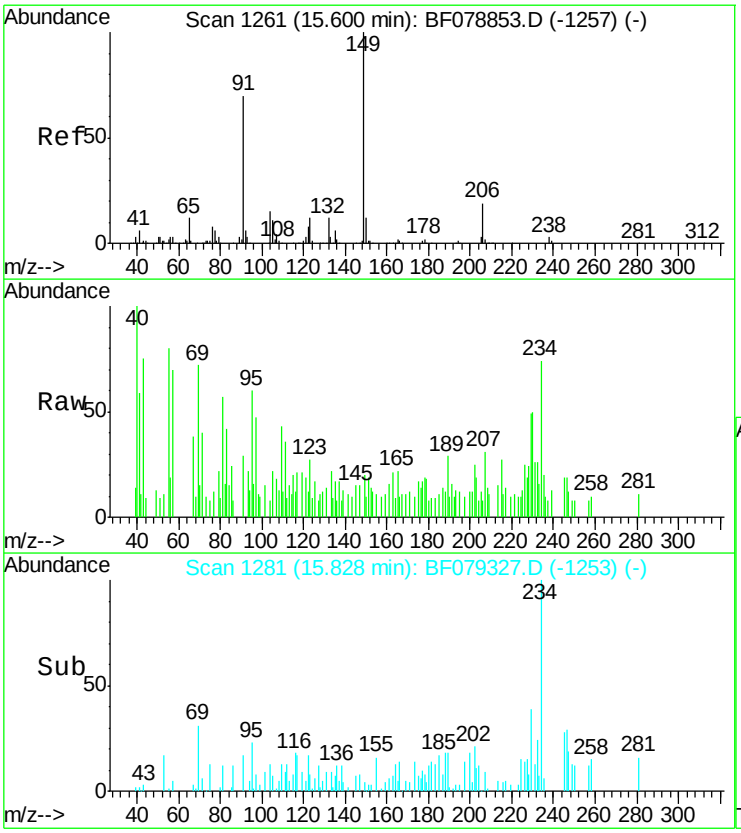
#78
Terphenyl-d14
Concen: 0.67 ng
RT: 15.06 min Scan# 1214
Delta R.T. 0.14 min
Lab File: BF079327.D
Acq: 19 May 2015 2:31

Instrument :
BNA_F
ClientSampleId :
WC-10-D1

Tgt Ion:244 Resp: 238

Ion	Ratio	Lower	Upper
244	100		
212	0.0	5.6	8.4#
122	0.0	10.5	15.7#

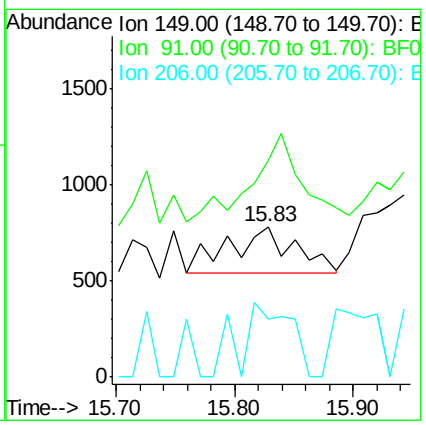


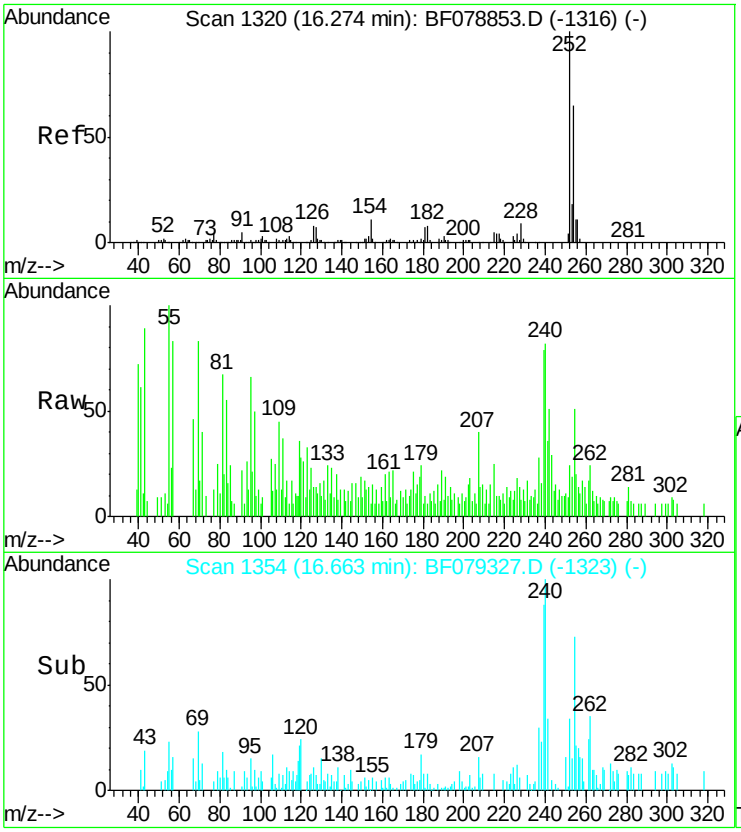


#79
Butylbenzylphthalate
Concen: 4.30 ng
RT: 15.83 min Scan# 1281
Delta R.T. 0.16 min
Lab File: BF079327.D
Acq: 19 May 2015 2:31

Tgt Ion:149 Resp: 923

Ion	Ratio	Lower	Upper
149	100		
91	143.9	56.2	84.2#
206	39.0	15.2	22.8#



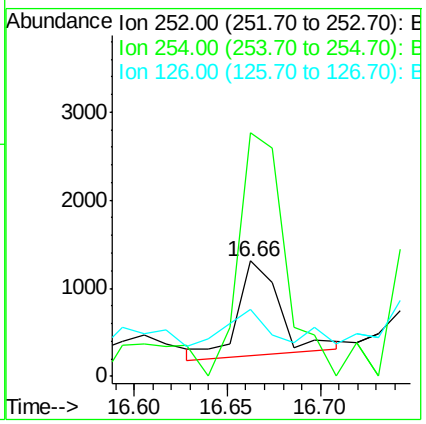


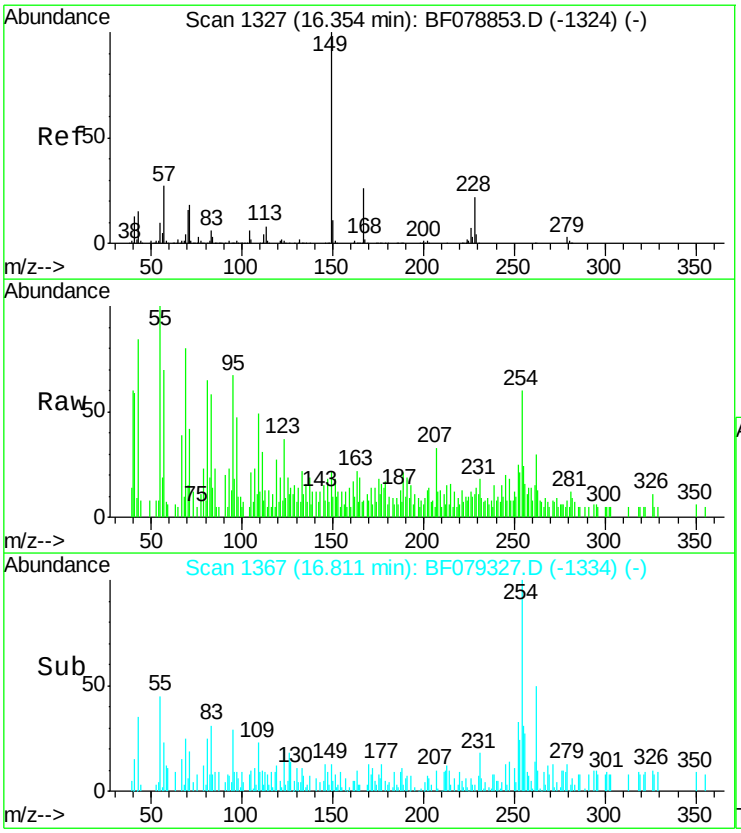
#81
3,3'-Dichlorobenzidine
Concen: 10.26 ng
RT: 16.66 min Scan# 1354
Delta R.T. 0.19 min
Lab File: BF079327.D
Acq: 19 May 2015 2:31

Instrument :
BNA_F
ClientSampleId :
WC-10-D1

Tgt Ion:252 Resp: 1704

Ion	Ratio	Lower	Upper
252	100		
254	211.6	52.2	78.2#
126	58.5	6.6	9.8#

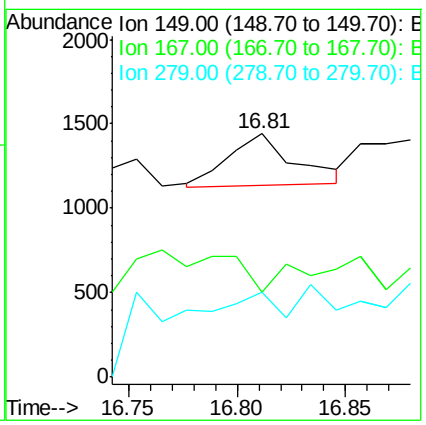


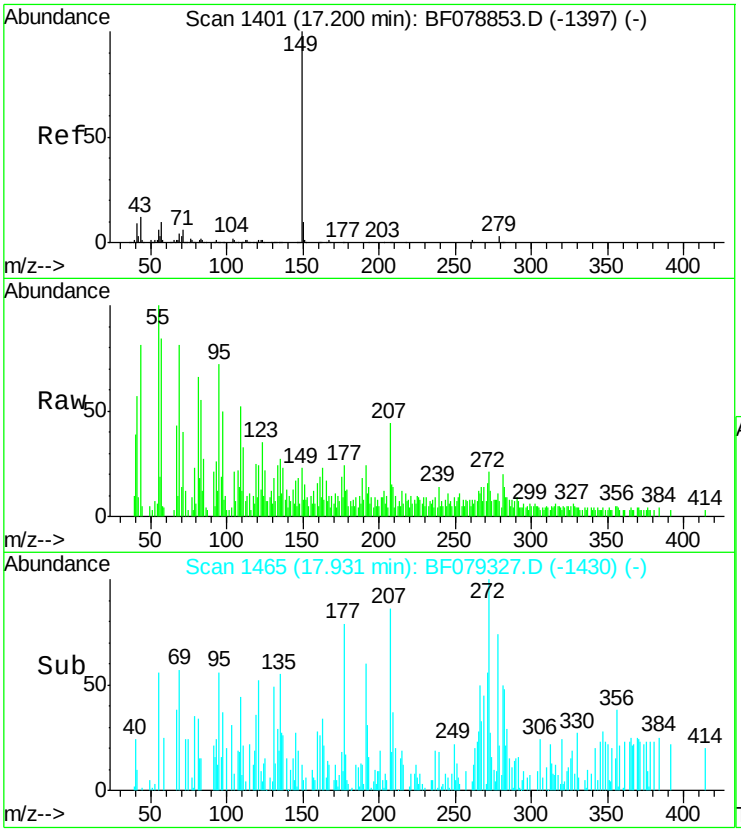


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.01 ng
RT: 16.81 min Scan# 1367
Delta R.T. 0.21 min
Lab File: BF079327.D
Acq: 19 May 2015 2:31

Tgt Ion:149 Resp: 652

Ion	Ratio	Lower	Upper
149	100		
167	35.0	21.2	31.8#
279	35.1	2.6	4.0#



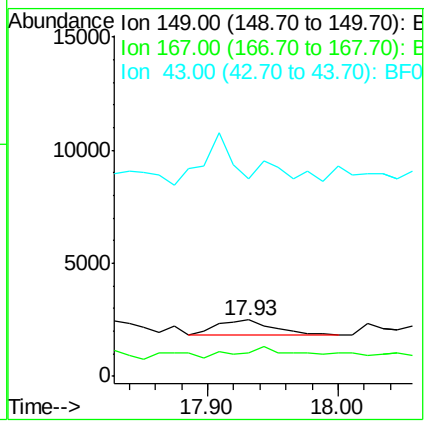


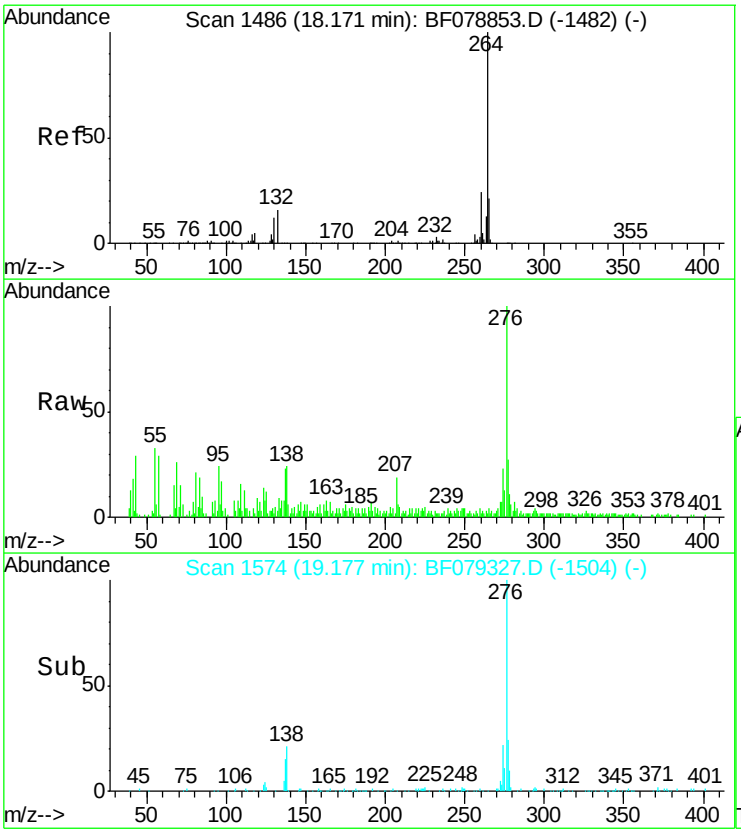
#84
Di-n-octyl phthalate
Concen: 3.27 ng
RT: 17.93 min Scan# 1465
Delta R.T. 0.23 min
Lab File: BF079327.D
Acq: 19 May 2015 2:31

Instrument :
BNA_F
ClientSampleId :
WC-10-D1

Tgt Ion:149 Resp: 1870

Ion	Ratio	Lower	Upper
149	100		
167	83.7	1.2	1.8#
43	79.0	9.0	13.6#

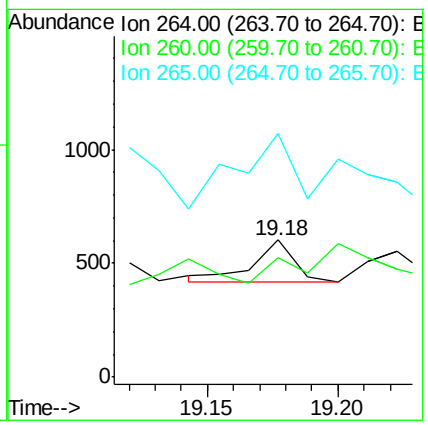


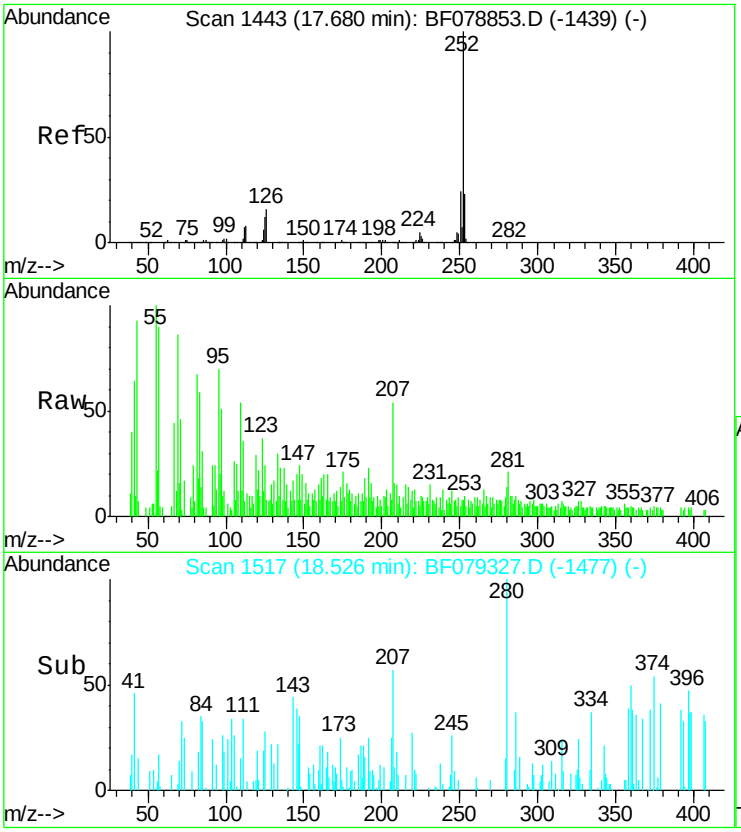


#86
Perylene-d12
Concen: 20.00 ng
RT: 19.18 min Scan# 1574
Delta R.T. 0.30 min
Lab File: BF079327.D
Acq: 19 May 2015 2:31

Tgt Ion:264 Resp: 195

Ion	Ratio	Lower	Upper
264	100		
260	87.1	19.2	28.8#
265	177.4	17.2	25.8#



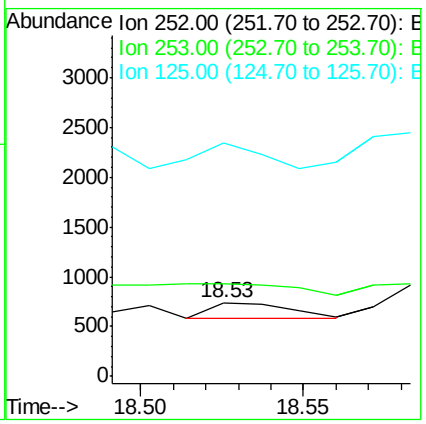


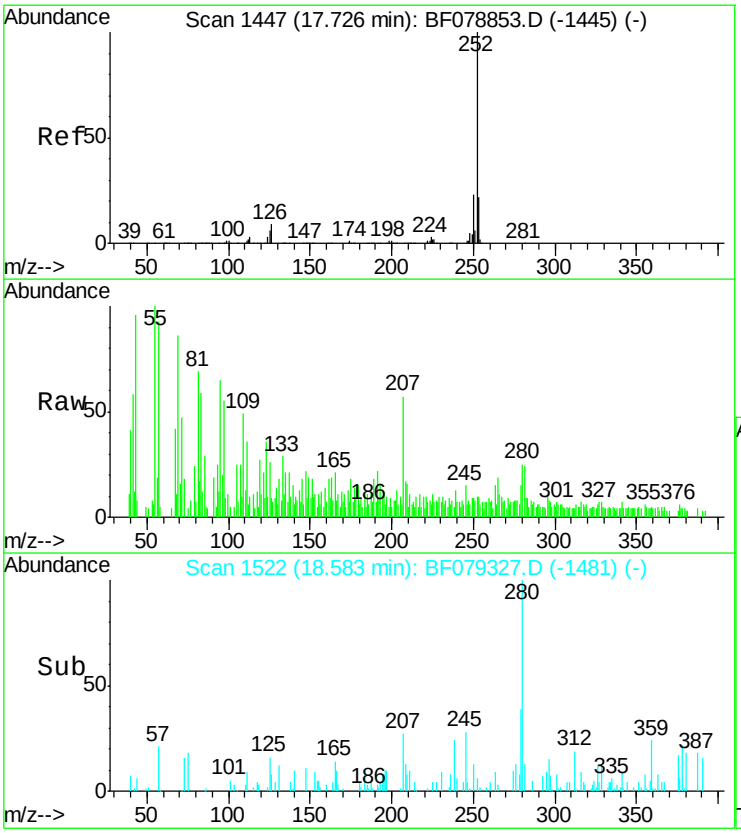
#87
Benzo(b)fluoranthene
Concen: 24.92 ng
RT: 18.53 min Scan# 1517
Delta R.T. 0.27 min
Lab File: BF079327.D
Acq: 19 May 2015 2:31

Instrument :
BNA_F
ClientSampleId :
WC-10-D1

Tgt Ion:252 Resp: 266

Ion	Ratio	Lower	Upper
252	100		
253	126.0	18.1	27.1#
125	315.2	9.4	14.2#

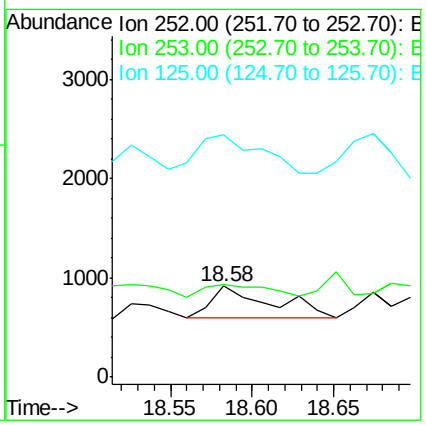


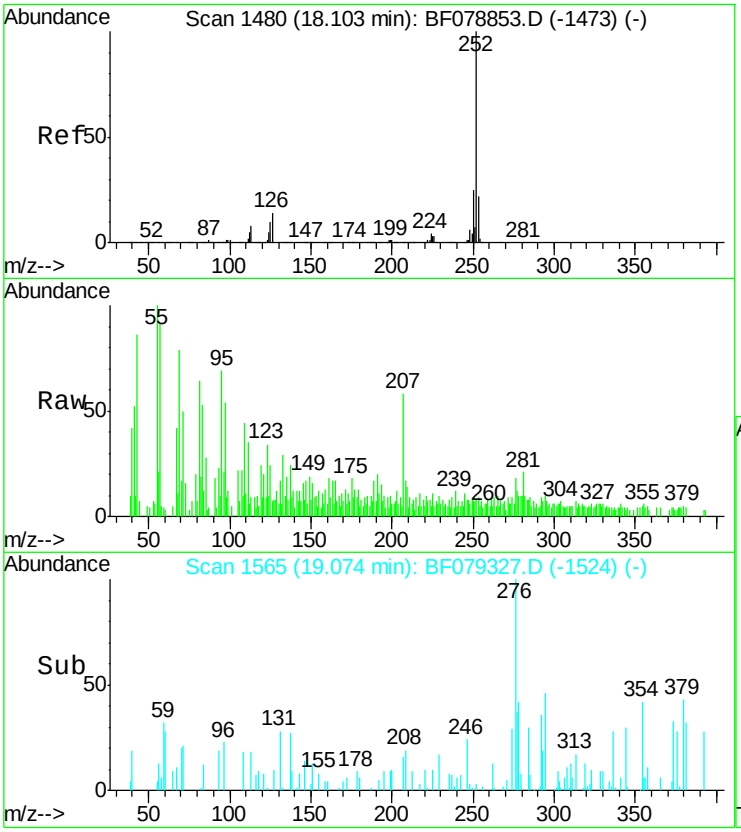


#88
Benzo(k)fluoranthene
Concen: 80.23 ng
RT: 18.58 min Scan# 1522
Delta R.T. 0.29 min
Lab File: BF079327.D
Acq: 19 May 2015 2:31

Tgt Ion:252 Resp: 829

Ion	Ratio	Lower	Upper
252	100		
253	102.0	17.4	26.0#
125	266.6	6.1	9.1#



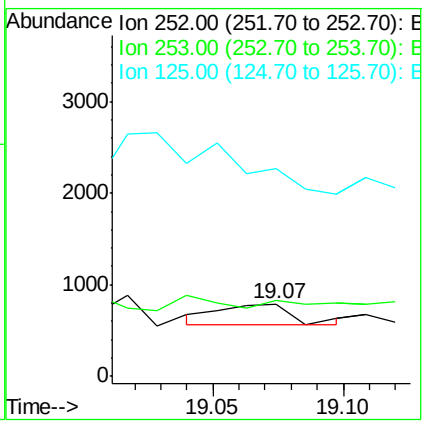


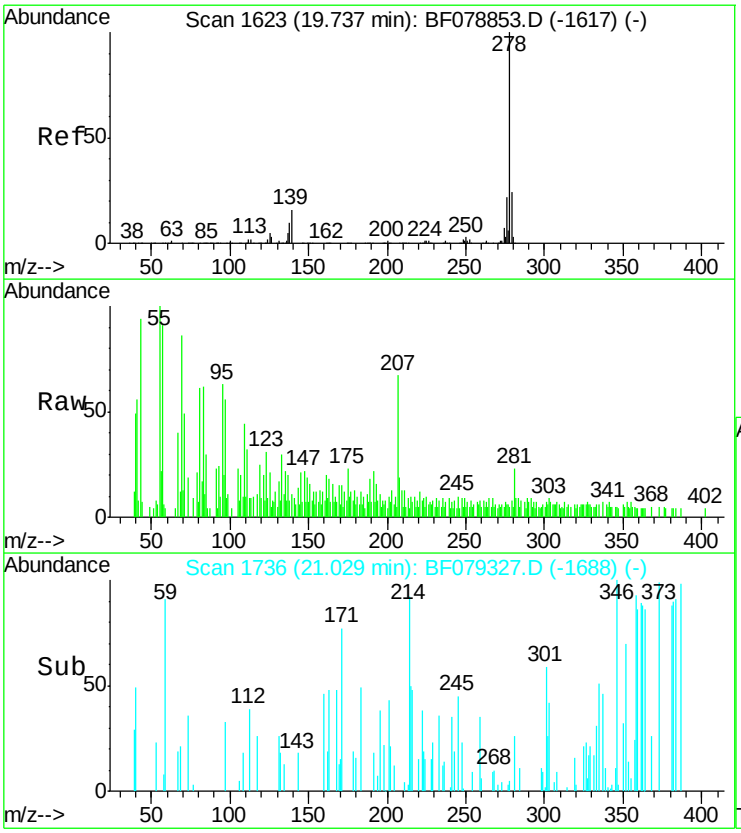
#89
Benzo(a)pyrene
Concen: 44.26 ng
RT: 19.07 min Scan# 1565
Delta R.T. 0.29 min
Lab File: BF079327.D
Acq: 19 May 2015 2:31

Instrument :
BNA_F
ClientSampleId :
WC-10-D1

Tgt Ion:252 Resp: 435

Ion	Ratio	Lower	Upper
252	100		
253	105.5	18.0	27.0#
125	287.7	8.2	12.2#

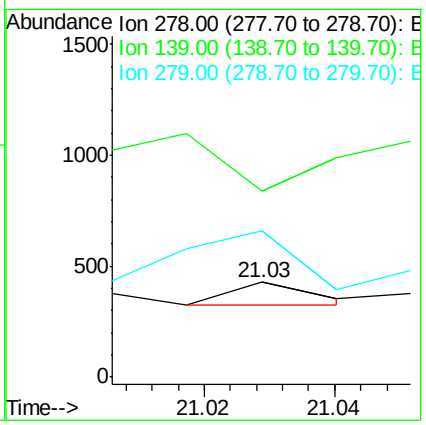


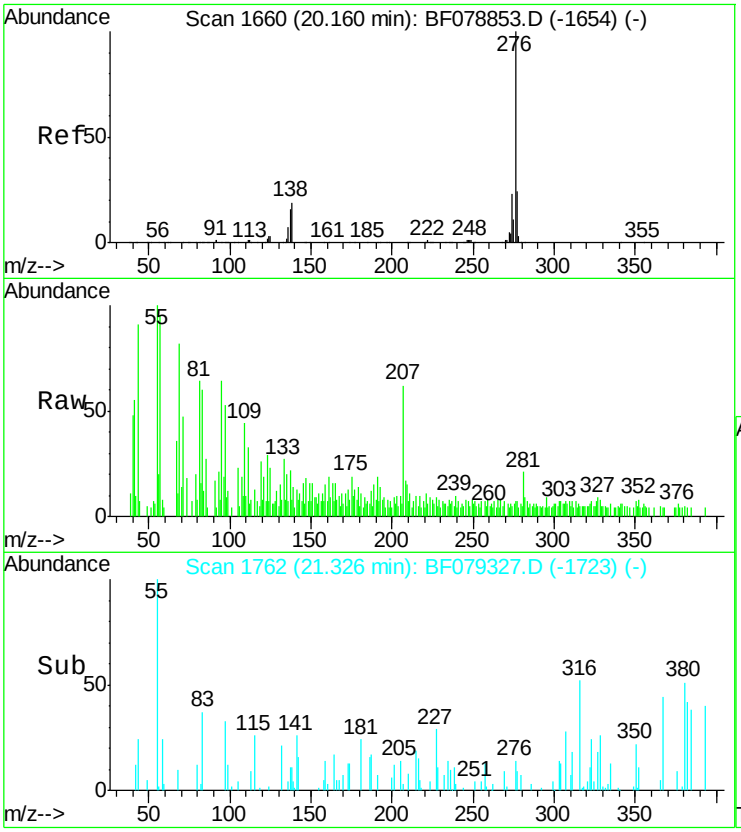


#90
Dibenzo(a,h)anthracene
Concen: 8.23 ng
RT: 21.03 min Scan# 1736
Delta R.T. 0.34 min
Lab File: BF079327.D
Acq: 19 May 2015 2:31

Tgt Ion:278 Resp: 86

Ion	Ratio	Lower	Upper
278	100		
139	195.8	13.1	19.7#
279	154.3	19.1	28.7#





#91
Benzo(g,h,i)perylene
Concen: 25.50 ng
RT: 21.33 min Scan# 1762
Delta R.T. 0.24 min
Lab File: BF079327.D
Acq: 19 May 2015 2:31

Instrument :
BNA_F
ClientSampleId :
WC-10-D1

Tgt Ion:276 Resp: 267

Ion	Ratio	Lower	Upper
276	100		
277	94.0	18.8	28.2#
138	102.8	15.2	22.8#