Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060415\
Data File : BF079730.D
Acq On : 5 Jun 2015 6:39
Operator : TP/IZ
Sample : G2450-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEC-3.2-SP

Quant Time: Jun 06 03:35:25 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 06 03:31:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	67347	20.00	ng		0.00
21) Naphthalene-d8	8.80	136	271844	20.00	ng		0.00
38) Acenaphthene-d10	10.58	164	152894	20.00	ng		0.00
63) Phenanthrene-d10	12.10	188	302534	20.00	ng		0.02
75) Chrysene-d12	0.00	240	0	0.00	ng		-14.98
86) Perylene-d12	16.90	264	478	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.12	112	437121	111.29	ng		0.00
7) Phenol-d6	7.11	99	631044	123.42	ng		0.01
23) Nitrobenzene-d5	8.07	82	320872	71.87	ng		0.00
41) 2,4,6-Tribromophenol	11.38	330	163516	119.09	ng		0.01
44) 2-Fluorobiphenyl	9.87	172	750079	71.03	ng		0.00
78) Terphenyl-d14	13.85	244	978704	0.00	ng		0.11
Target Compounds							Qvalue
31) Naphthalene	8.82	128	34066	2.27	ng		98
37) 2-Methylnaphthalene	9.52	142	40404	4.00	ng		97
48) Acenaphthylene	10.44	152	95215	5.57	ng		99
49) Dimethylphthalate	10.26	163	65704	5.58	ng		99
50) 2,6-Dinitrotoluene	10.33	165	1639	3.74	ng	#	23
70) Phenanthrene	12.12	178	116130	6.60	ng		98
71) Anthracene	12.18	178	102540	5.89	ng		98
74) Fluoranthene	13.44	202	397801	20.84	ng		97
87) Benzo(b)fluoranthene	16.32	252	2763	89.61	ng	#	1
88) Benzo(k)fluoranthene	16.32	252	2763	93.91	ng	#	1
89) Benzo(a)pyrene	16.79	252	88547	3143.27	ng	#	84
90) Dibenzo(a,h)anthracene	19.02	278	50666	1946.89	ng	#	76
91) Benzo(g,h,i)perylene	19.51	276	9386	352.73	ng	#	28

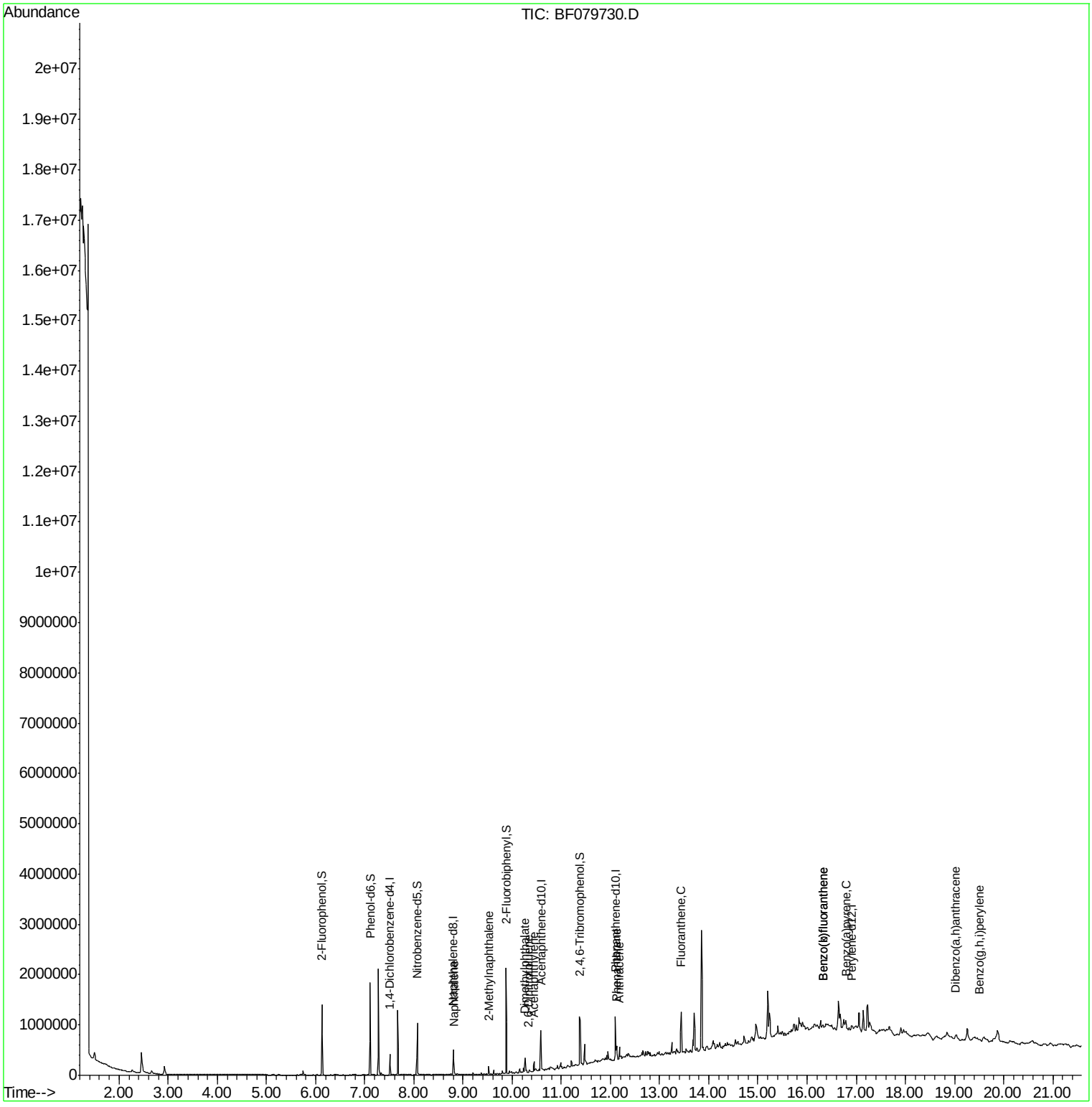
(#) = qualifier out of range (m) = manual integration (+) = signals summed

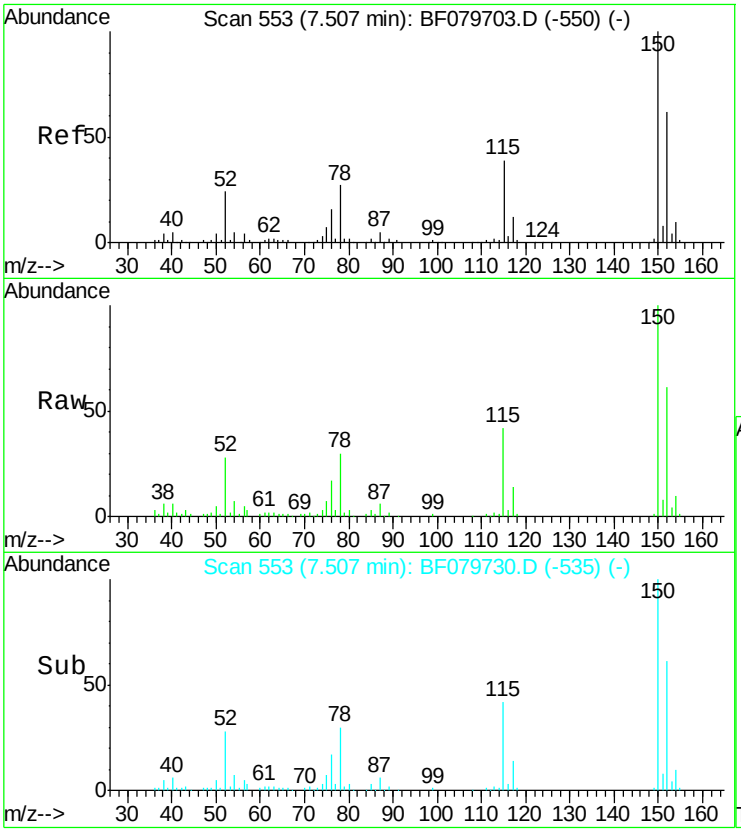
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060415\
Data File : BF079730.D
Acq On : 5 Jun 2015 6:39
Operator : TP/IZ
Sample : G2450-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SEC-3.2-SP

Quant Time: Jun 06 03:35:25 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 06 03:31:13 2015
Response via : Initial Calibration



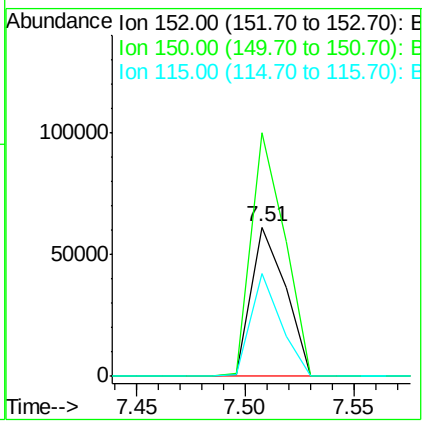


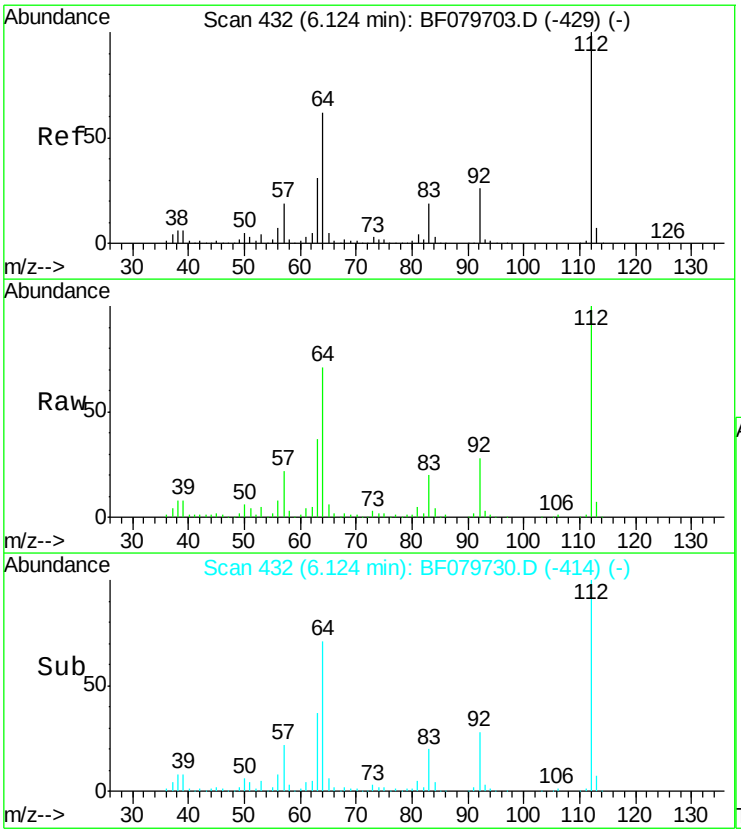
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.51 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF079730.D
Acq: 5 Jun 2015 6:39

Instrument :
BNA_F
ClientSampleId :
SEC-3.2-SP

Tgt Ion:152 Resp: 67347

Ion	Ratio	Lower	Upper
152	100		
150	163.2	128.1	192.1
115	69.0	49.7	74.5

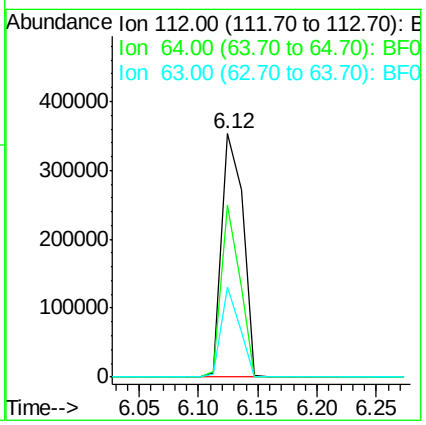


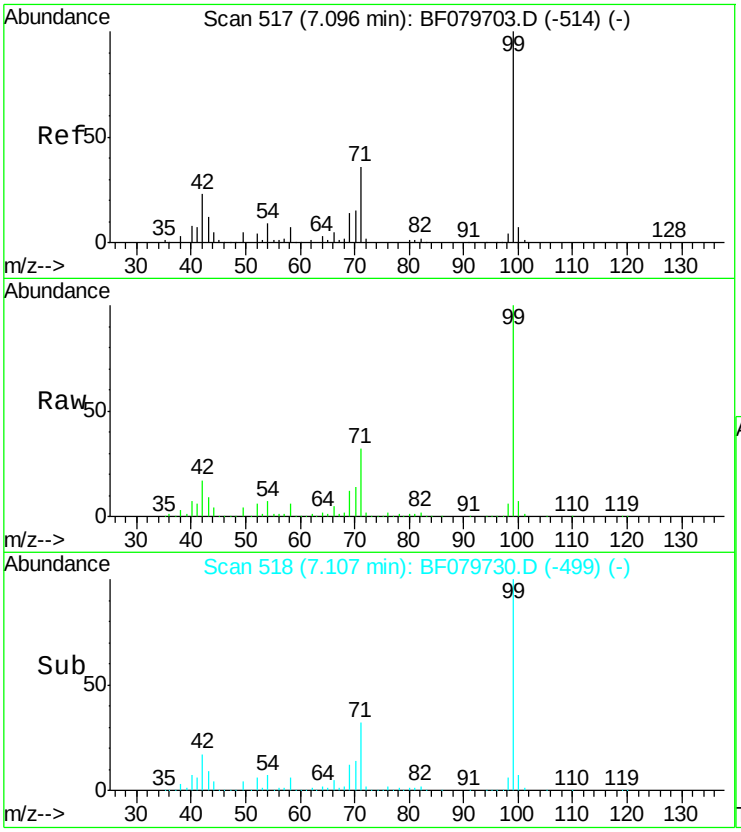


#5
2-Fluorophenol
Concen: 111.29 ng
RT: 6.12 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF079730.D
Acq: 5 Jun 2015 6:39

Tgt Ion:112 Resp: 437121

Ion	Ratio	Lower	Upper
112	100		
64	70.9	49.6	74.4
63	36.9	24.9	37.3



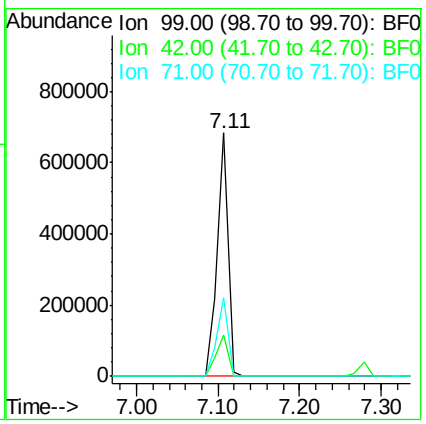


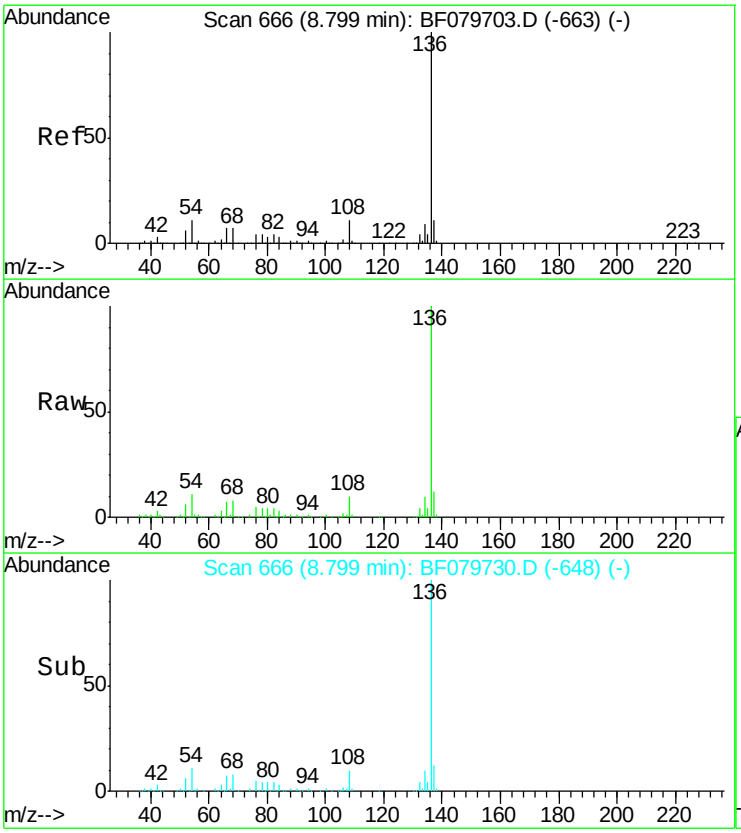
#7
Phenol-d6
Concen: 123.42 ng
RT: 7.11 min Scan# 518
Delta R.T. 0.01 min
Lab File: BF079730.D
Acq: 5 Jun 2015 6:39

Instrument :
BNA_F
ClientSampleId :
SEC-3.2-SP

Tgt Ion: 99 Resp: 631044

Ion	Ratio	Lower	Upper
99	100		
42	16.8	18.0	27.0#
71	32.0	28.4	42.6

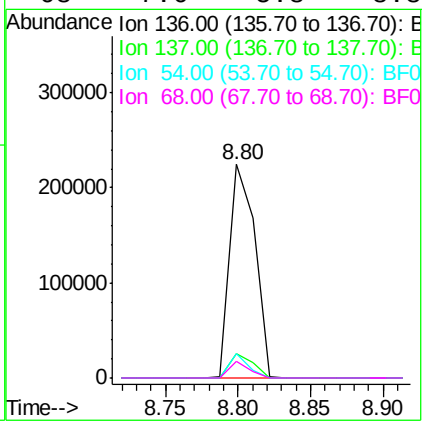


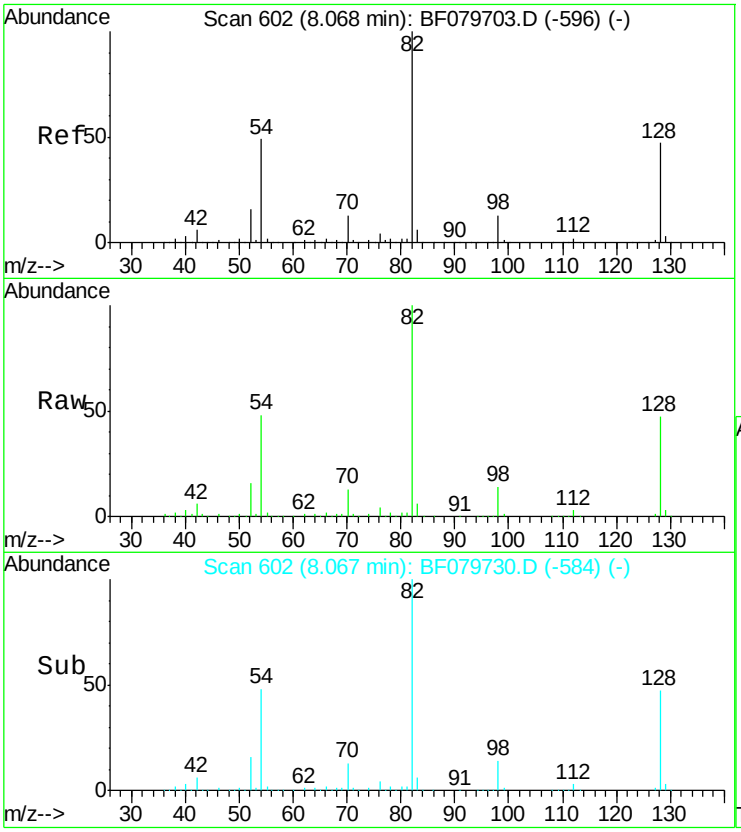


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.80 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF079730.D
Acq: 5 Jun 2015 6:39

Tgt Ion:136 Resp: 271844

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	11.4	8.7	13.1
68	7.6	5.8	8.8



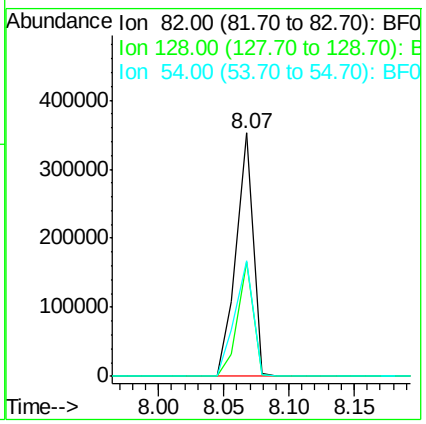


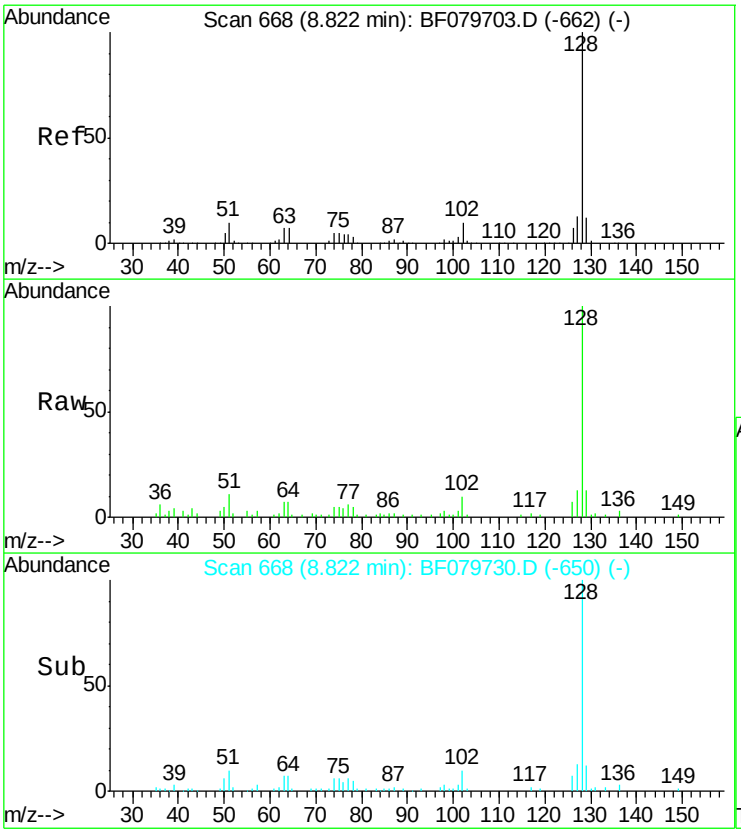
#23
Nitrobenzene-d5
Concen: 71.87 ng
RT: 8.07 min Scan# 602
Delta R.T. 0.00 min
Lab File: BF079730.D
Acq: 5 Jun 2015 6:39

Instrument :
BNA_F
ClientSampleId :
SEC-3.2-SP

Tgt Ion: 82 Resp: 320872

Ion	Ratio	Lower	Upper
82	100		
128	46.7	37.6	56.4
54	47.5	39.4	59.2

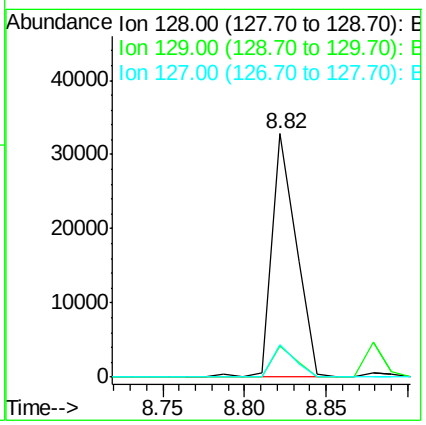


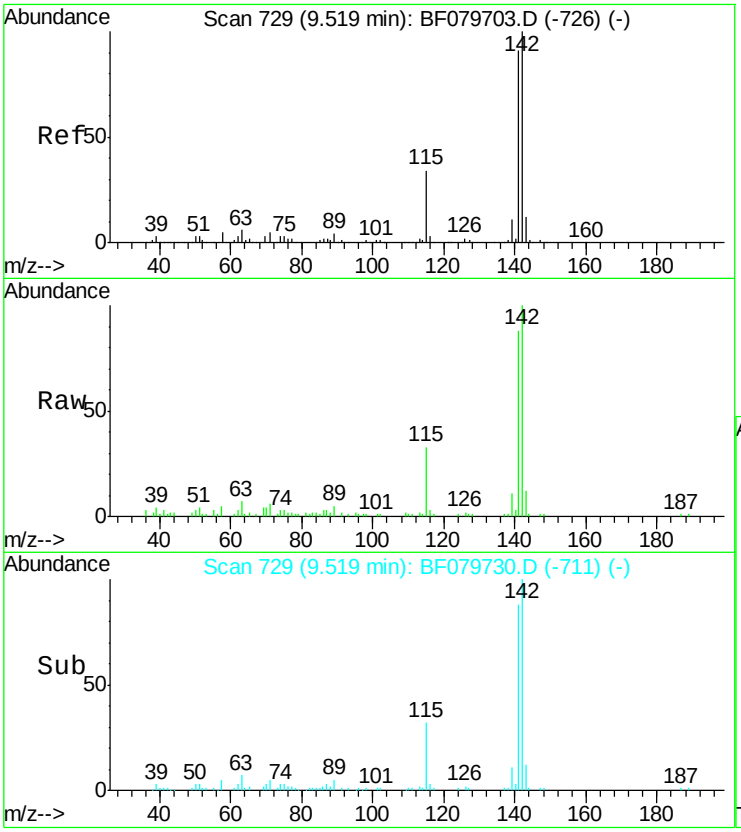


#31
Naphthalene
Concen: 2.27 ng
RT: 8.82 min Scan# 668
Delta R.T. 0.00 min
Lab File: BF079730.D
Acq: 5 Jun 2015 6:39

Tgt Ion:128 Resp: 34066

Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.4	14.2
127	13.2	10.7	16.1



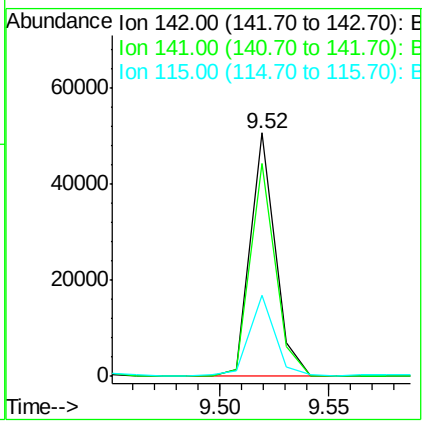


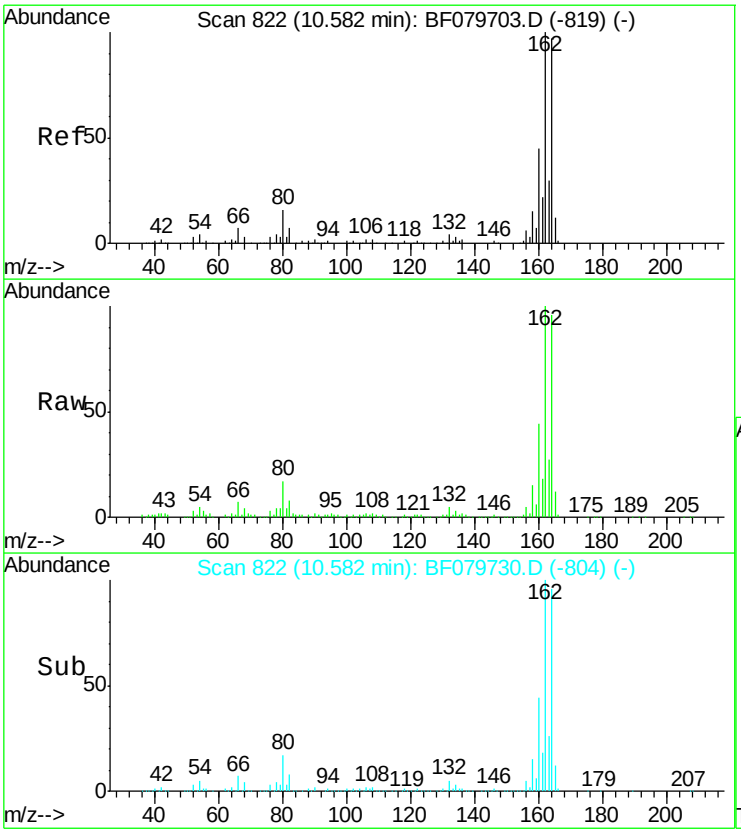
#37
2-Methylnaphthalene
Concen: 4.00 ng
RT: 9.52 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF079730.D
Acq: 5 Jun 2015 6:39

Instrument :
BNA_F
ClientSampleId :
SEC-3.2-SP

Tgt Ion:142 Resp: 40404

Ion	Ratio	Lower	Upper
142	100		
141	87.6	72.8	109.2
115	33.3	26.9	40.3

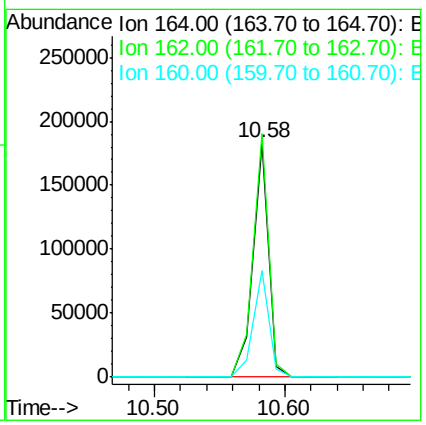


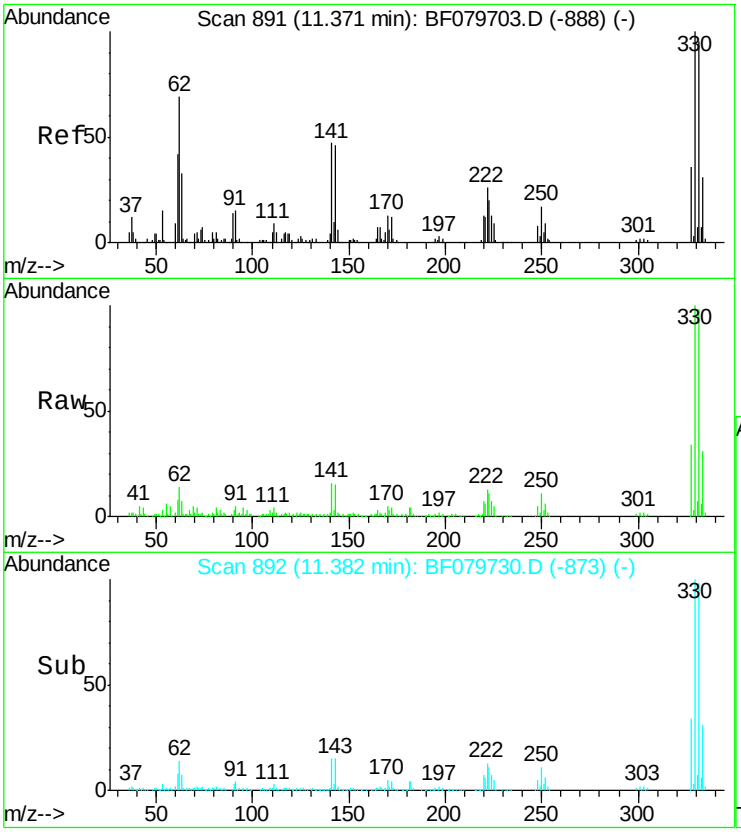


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.58 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF079730.D
Acq: 5 Jun 2015 6:39

Tgt Ion:164 Resp: 152894

Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.6	123.8
160	45.6	36.8	55.2



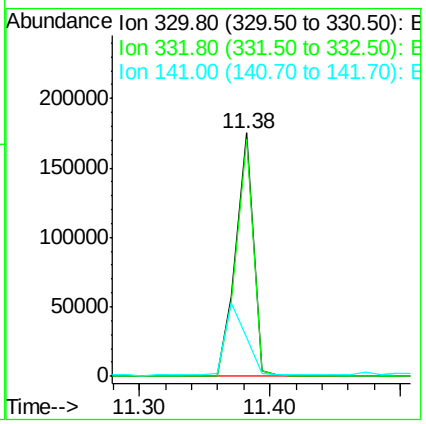


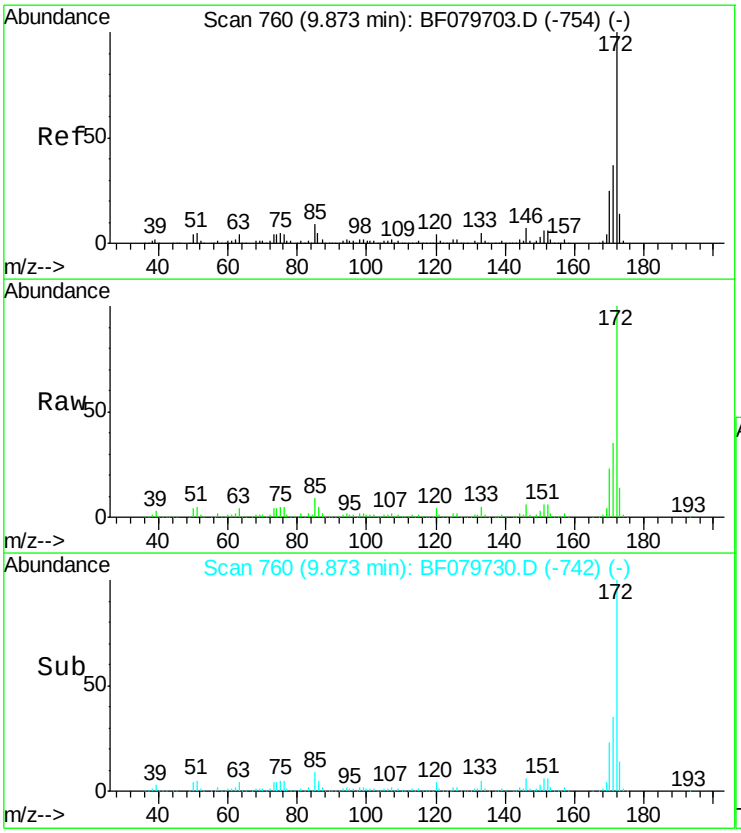
#41
2,4,6-Tribromophenol
Concen: 119.09 ng
RT: 11.38 min Scan# 892
Delta R.T. 0.01 min
Lab File: BF079730.D
Acq: 5 Jun 2015 6:39

Instrument :
BNA_F
ClientSampleId :
SEC-3.2-SP

Tgt Ion:330 Resp: 163516

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.0
141	36.3	30.2	45.2

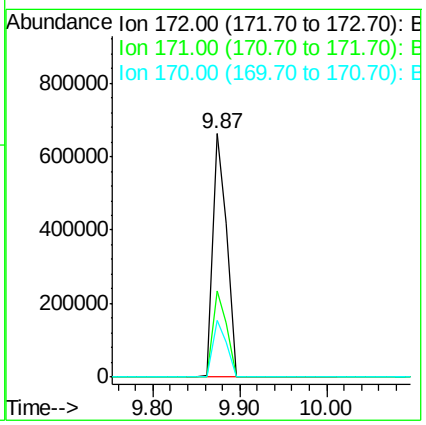


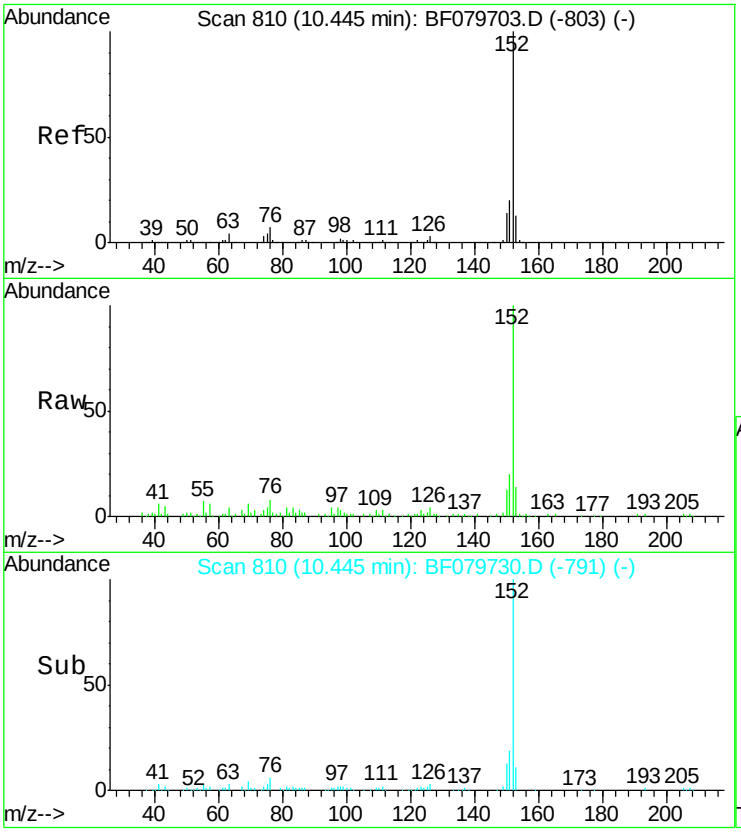


#44
2-Fluorobiphenyl
Concen: 71.03 ng
RT: 9.87 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF079730.D
Acq: 5 Jun 2015 6:39

Tgt Ion:172 Resp: 750079

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.4	44.0
170	23.4	19.7	29.5



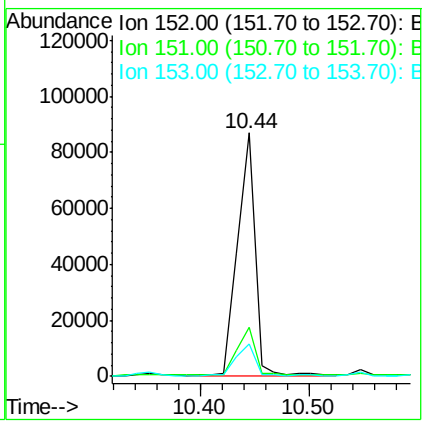


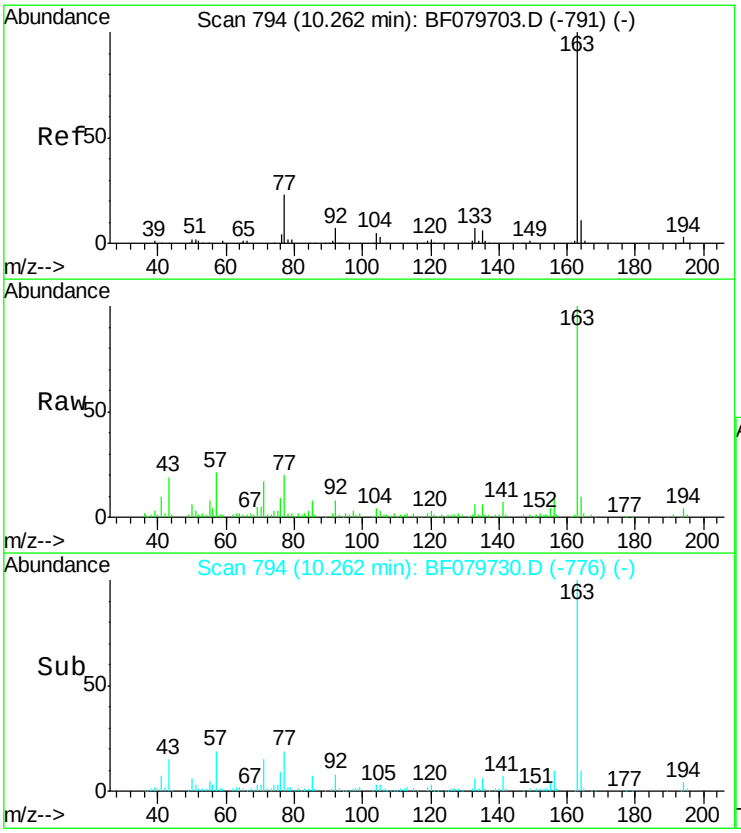
#48
Acenaphthylene
Concen: 5.57 ng
RT: 10.44 min Scan# 810
Delta R.T. 0.01 min
Lab File: BF079730.D
Acq: 5 Jun 2015 6:39

Instrument :
BNA_F
ClientSampleId :
SEC-3.2-SP

Tgt Ion:152 Resp: 95215

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.4
153	13.5	10.4	15.6

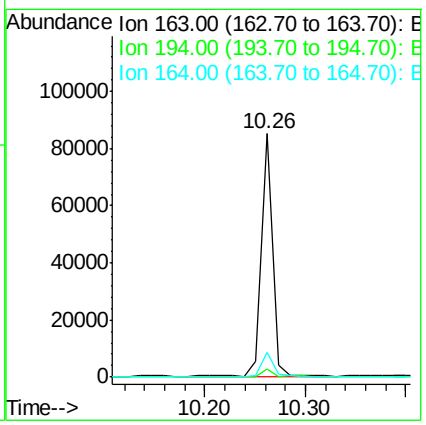


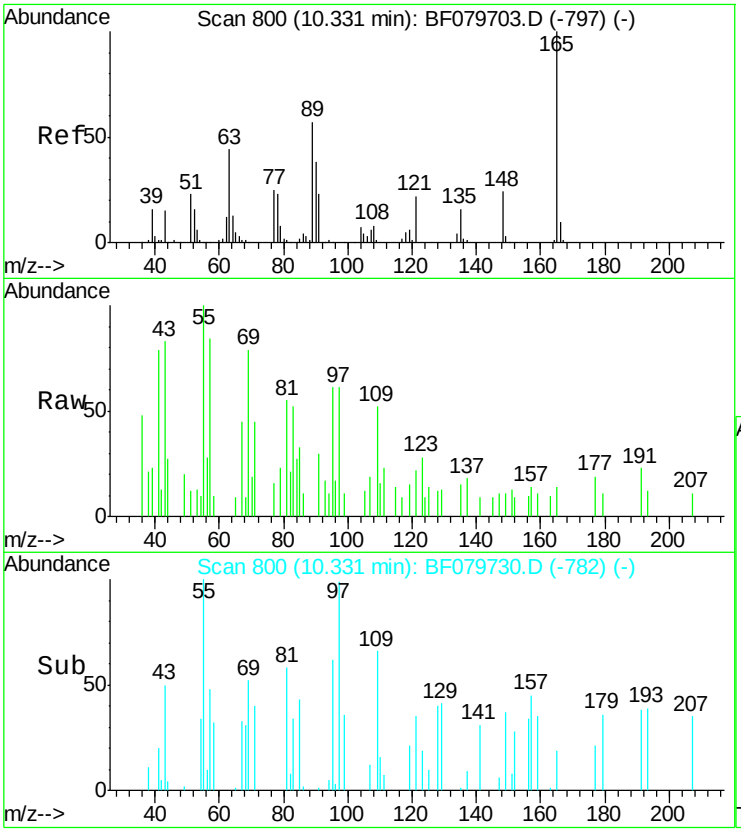


#49
Dimethylphthalate
Concen: 5.58 ng
RT: 10.26 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF079730.D
Acq: 5 Jun 2015 6:39

Tgt Ion:163 Resp: 65704

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	3.8
164	10.1	8.5	12.7



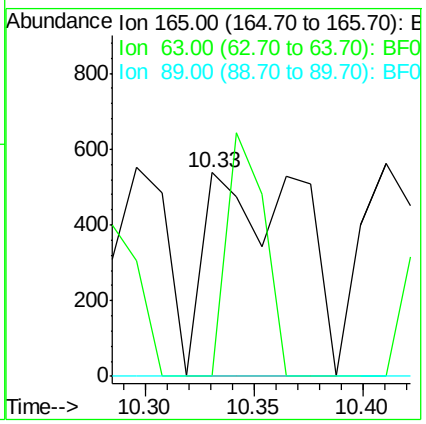


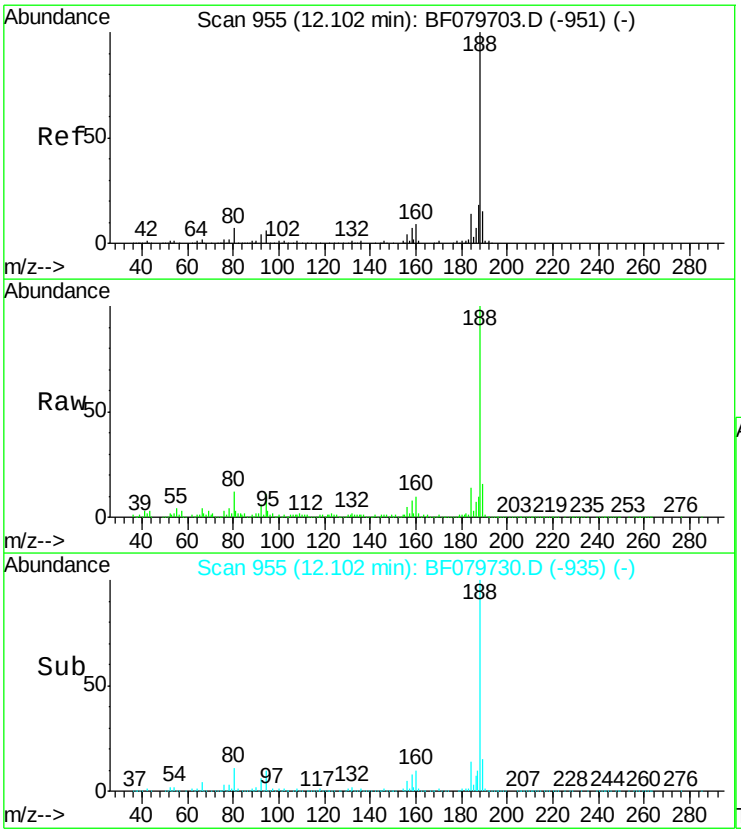
#50
2,6-Dinitrotoluene
Concen: 3.74 ng
RT: 10.33 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF079730.D
Acq: 5 Jun 2015 6:39

Instrument :
BNA_F
ClientSampleId :
SEC-3.2-SP

Tgt Ion:165 Resp: 1639

Ion	Ratio	Lower	Upper
165	100		
63	0.0	45.2	67.8#
89	0.0	45.9	68.9#

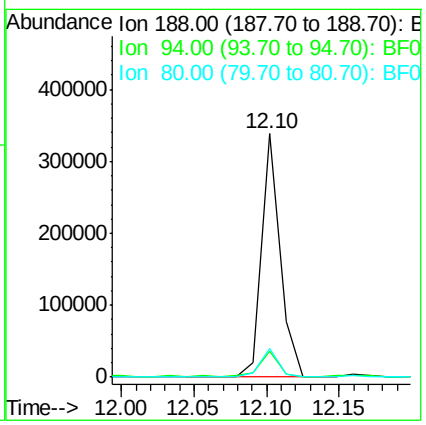


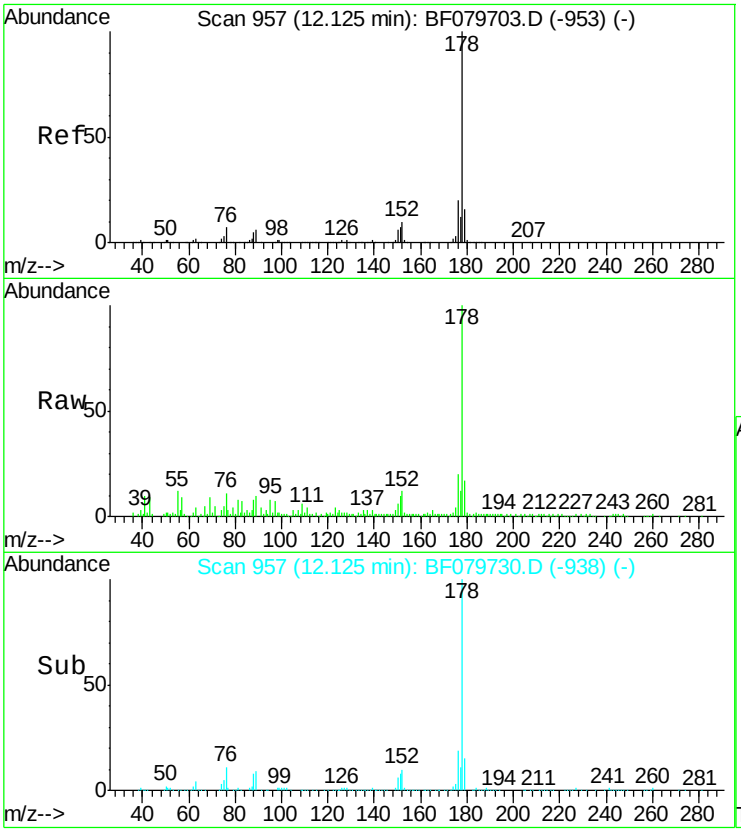


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.10 min Scan# 955
Delta R.T. 0.02 min
Lab File: BF079730.D
Acq: 5 Jun 2015 6:39

Tgt Ion:188 Resp: 302534

Ion	Ratio	Lower	Upper
188	100		
94	10.5	5.0	7.4#
80	11.7	5.3	7.9#



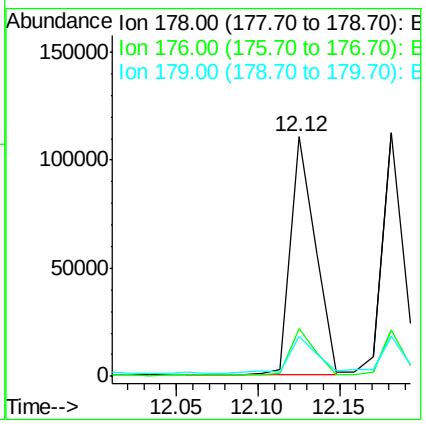


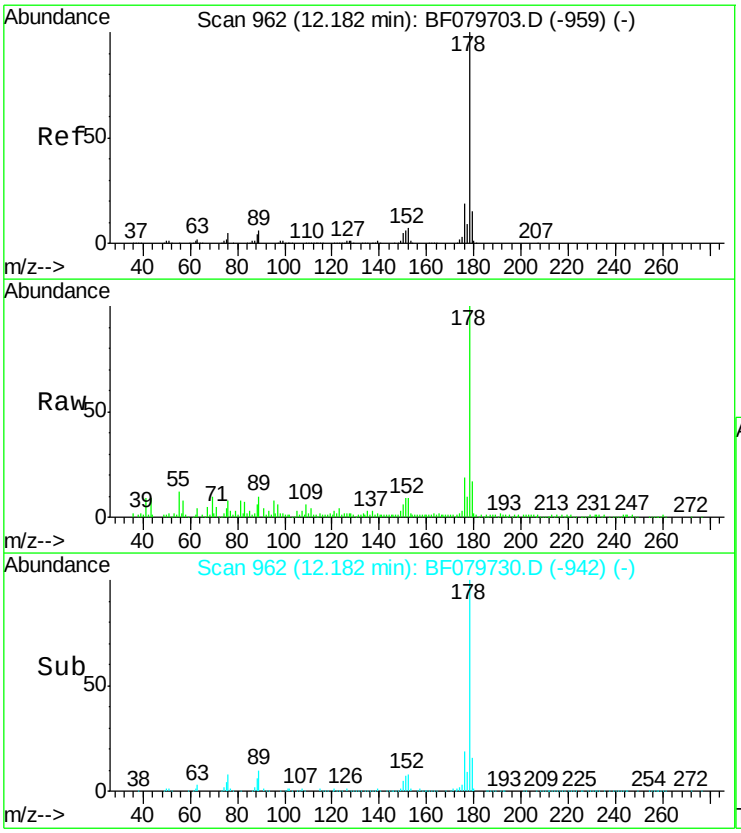
#70
Phenanthrene
Concen: 6.60 ng
RT: 12.12 min Scan# 957
Delta R.T. 0.01 min
Lab File: BF079730.D
Acq: 5 Jun 2015 6:39

Instrument :
BNA_F
ClientSampleId :
SEC-3.2-SP

Tgt Ion:178 Resp: 116130

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.2	24.4
179	16.9	12.6	19.0

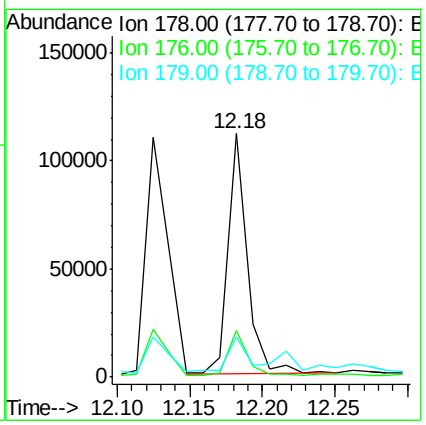


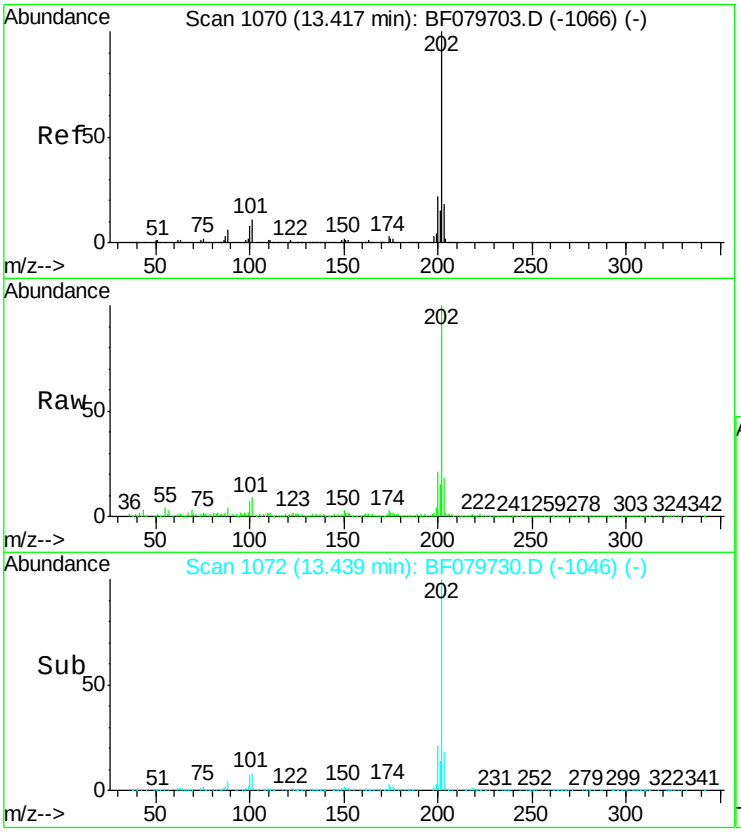


#71
Anthracene
Concen: 5.89 ng
RT: 12.18 min Scan# 962
Delta R.T. 0.02 min
Lab File: BF079730.D
Acq: 5 Jun 2015 6:39

Tgt Ion:178 Resp: 102540

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.8	22.2
179	16.6	12.2	18.2



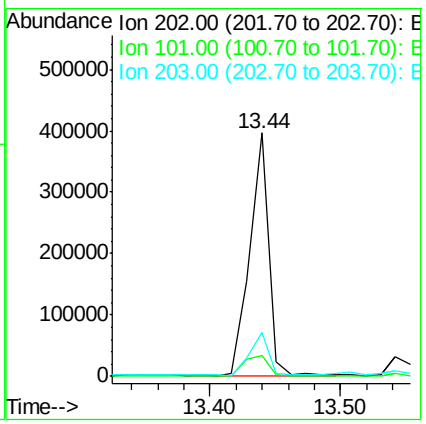


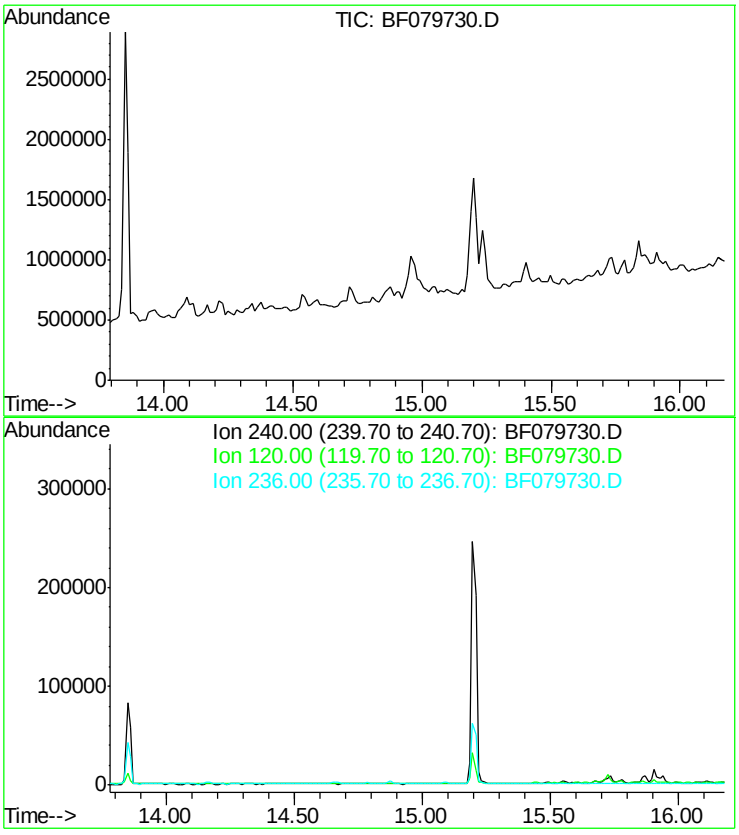
#74
Fluoranthene
Concen: 20.84 ng
RT: 13.44 min Scan# 1072
Delta R.T. 0.09 min
Lab File: BF079730.D
Acq: 5 Jun 2015 6:39

Instrument :
BNA_F
ClientSampleId :
SEC-3.2-SP

Tgt Ion:202 Resp: 397801

Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	31.3
203	18.0	0.0	38.4



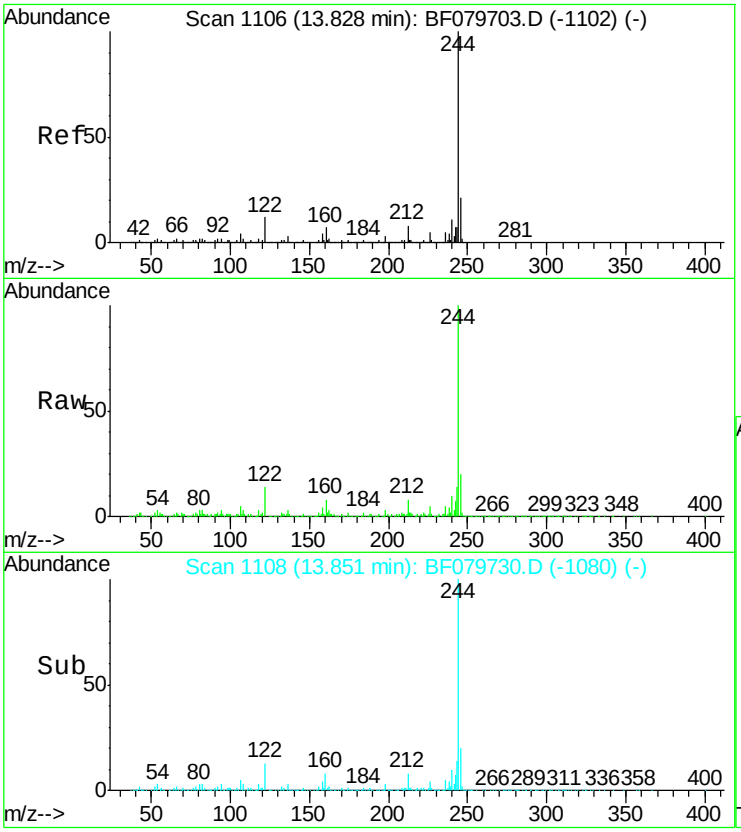


#75
Chrysene-d12
Concen: 0.00 ng
Expected RT: 14.98 min

Lab File: BF079730.D
Acq: 5 Jun 2015 6:39

Tgt Ion: 240

Sig	Exp Ratio
240	100
120	7.7
236	26.2

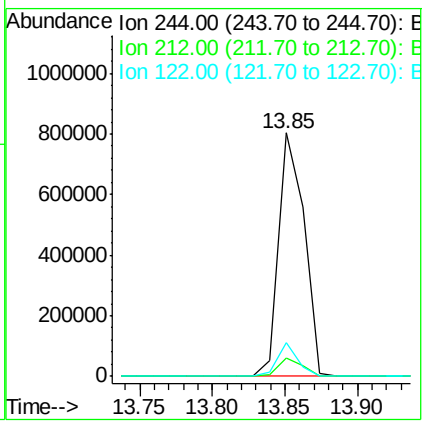


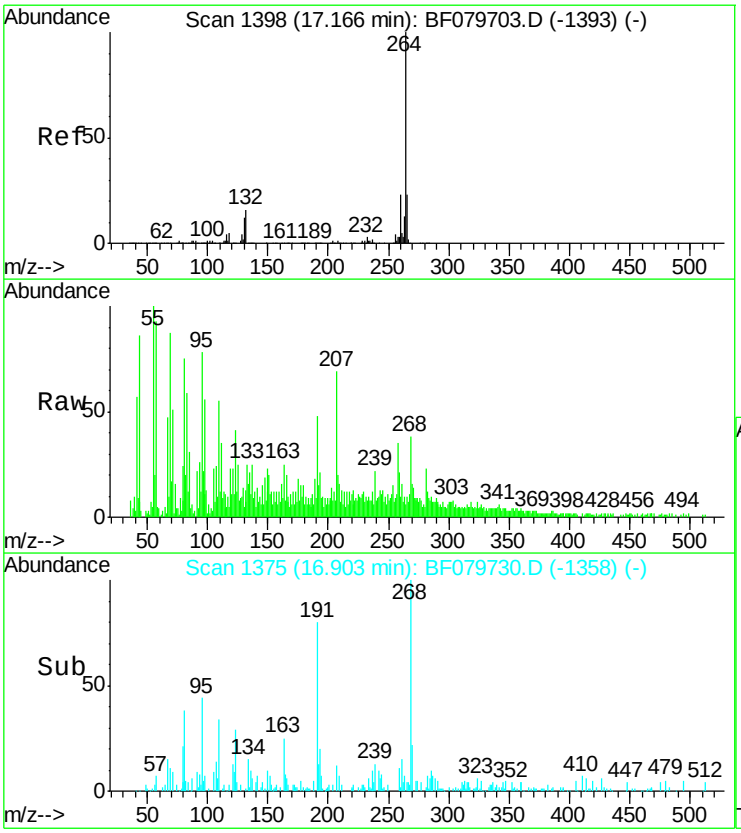
#78
Terphenyl-d14
Concen: 0.00 ng
RT: 13.85 min Scan# 1108
Delta R.T. 0.11 min
Lab File: BF079730.D
Acq: 5 Jun 2015 6:39

Instrument :
BNA_F
ClientSampleId :
SEC-3.2-SP

Tgt Ion:244 Resp: 978704

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.1	9.1
122	13.6	9.3	13.9

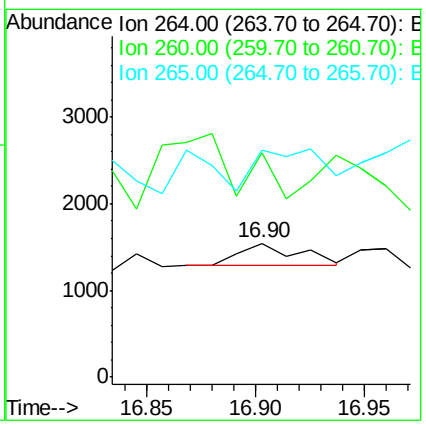


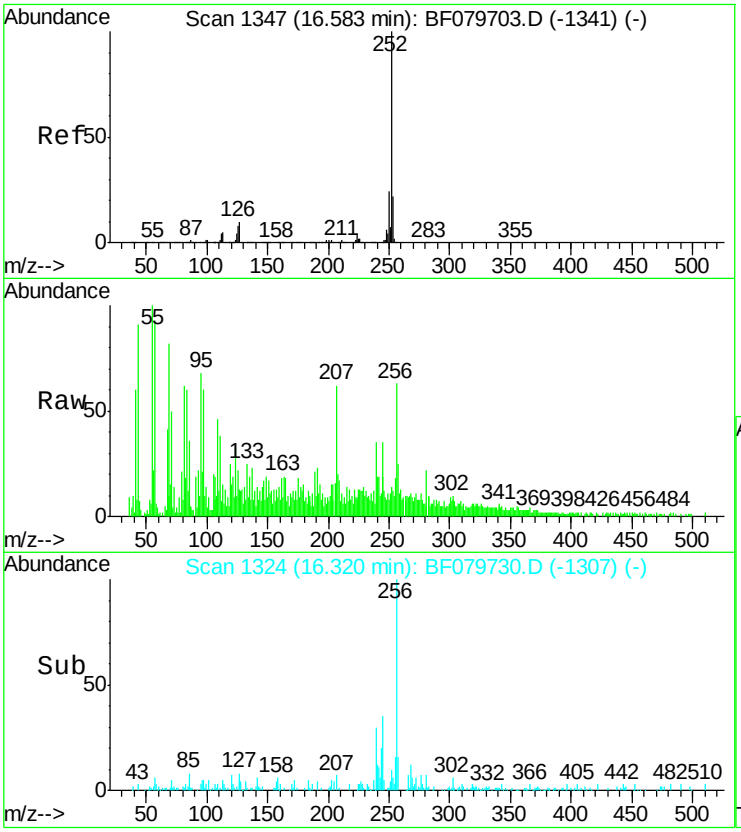


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.90 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF079730.D
Acq: 5 Jun 2015 6:39

Tgt Ion:264 Resp: 478

Ion	Ratio	Lower	Upper
264	100		
260	167.5	18.6	27.8#
265	169.4	18.2	27.4#



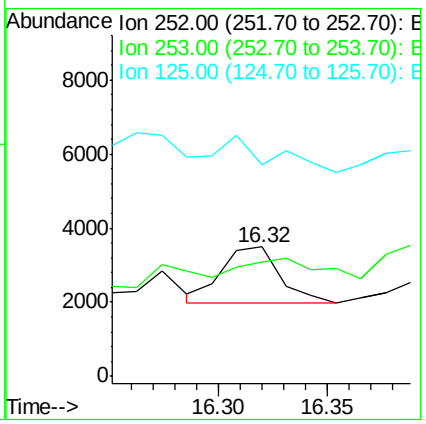


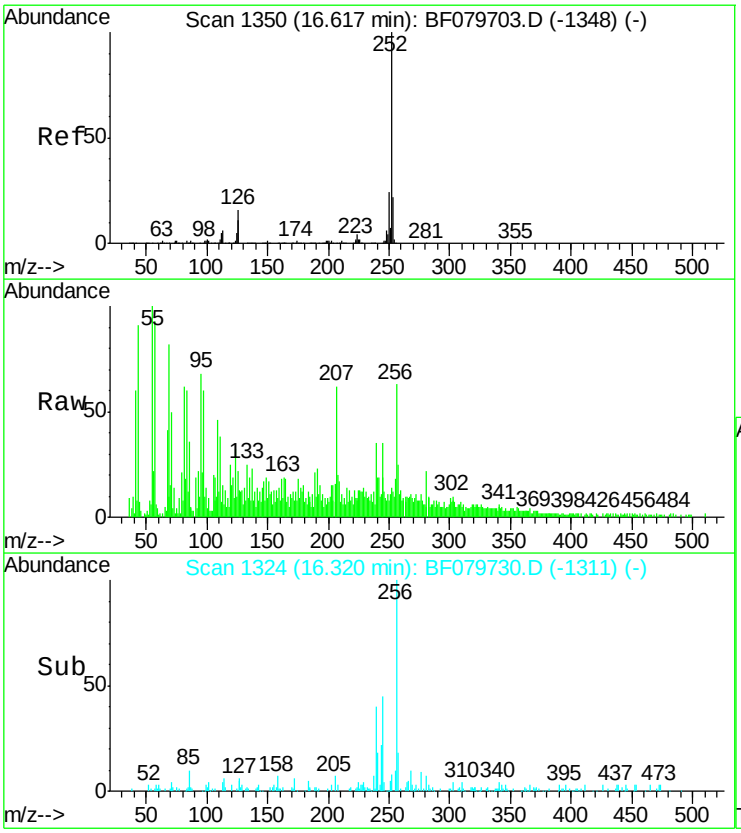
#87
Benzo(b)fluoranthene
Concen: 89.61 ng
RT: 16.32 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF079730.D
Acq: 5 Jun 2015 6:39

Instrument :
BNA_F
ClientSampleId :
SEC-3.2-SP

Tgt Ion:252 Resp: 2763

Ion	Ratio	Lower	Upper
252	100		
253	88.0	17.4	26.2#
125	163.0	6.5	9.7#

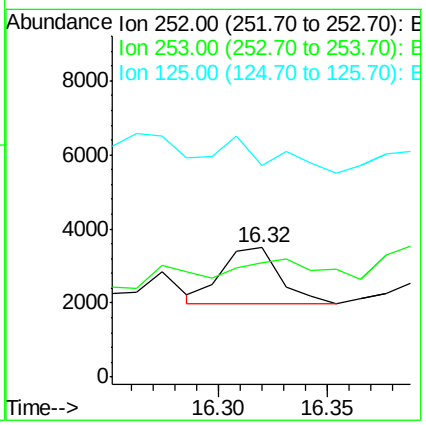


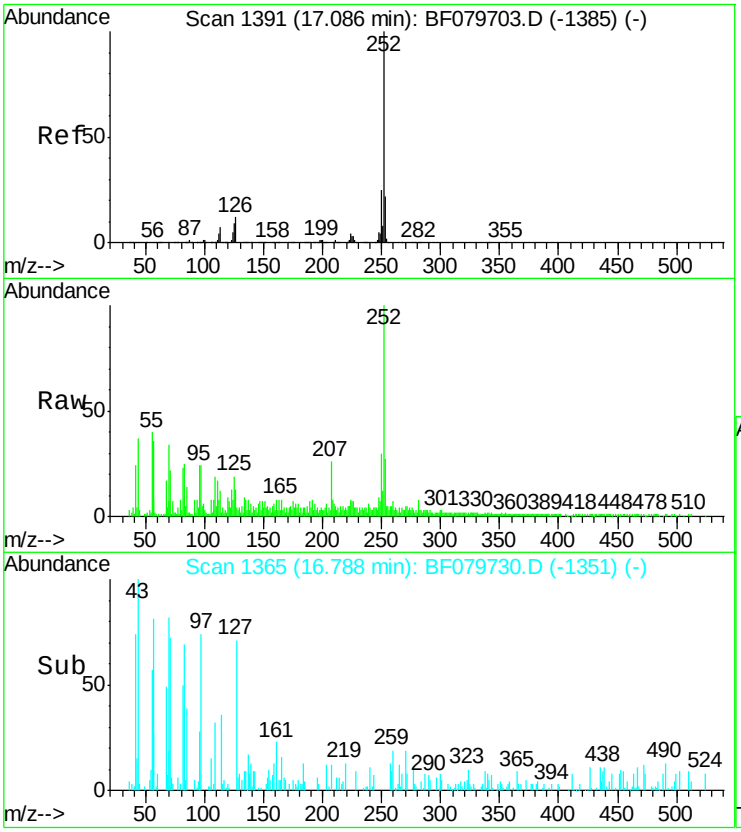


#88
Benzo(k)fluoranthene
Concen: 93.91 ng
RT: 16.32 min Scan# 1324
Delta R.T. -0.06 min
Lab File: BF079730.D
Acq: 5 Jun 2015 6:39

Tgt Ion:252 Resp: 2763

Ion	Ratio	Lower	Upper
252	100		
253	88.0	17.8	26.8#
125	163.0	8.4	12.6#



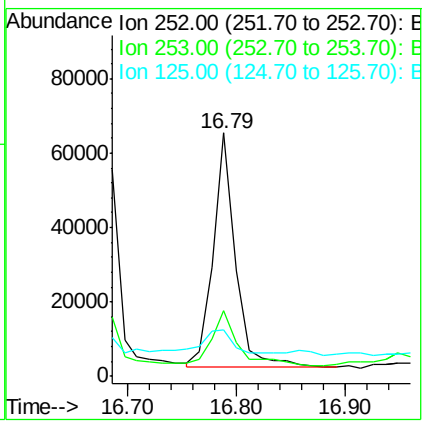


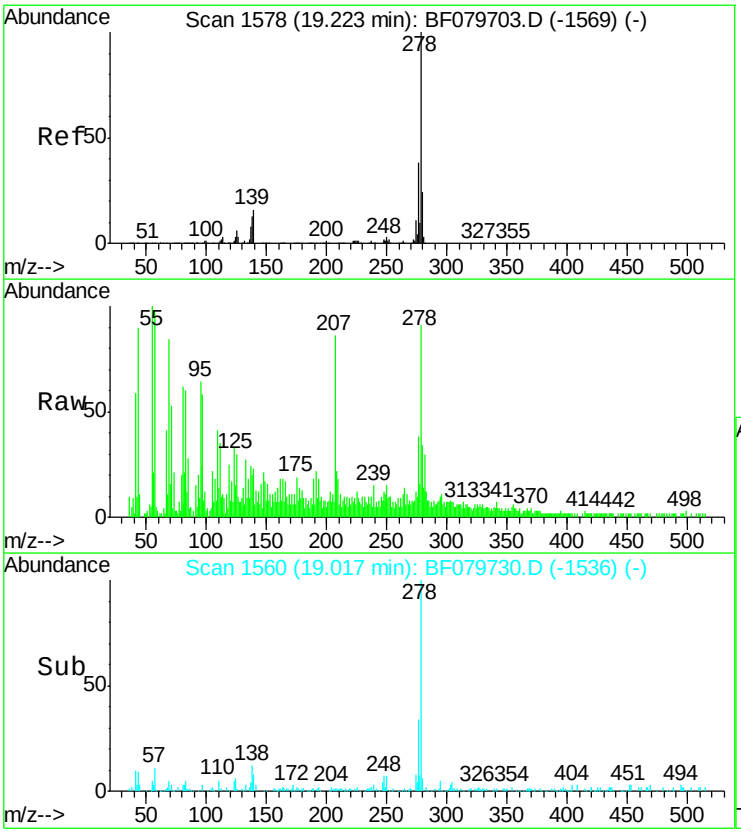
#89
Benzo(a)pyrene
Concen: 3143.27 ng
RT: 16.79 min Scan# 1365
Delta R.T. -0.05 min
Lab File: BF079730.D
Acq: 5 Jun 2015 6:39

Instrument :
BNA_F
ClientSampleId :
SEC-3.2-SP

Tgt Ion:252 Resp: 88547

Ion	Ratio	Lower	Upper
252	100		
253	27.0	17.6	26.4#
125	19.4	7.4	11.0#

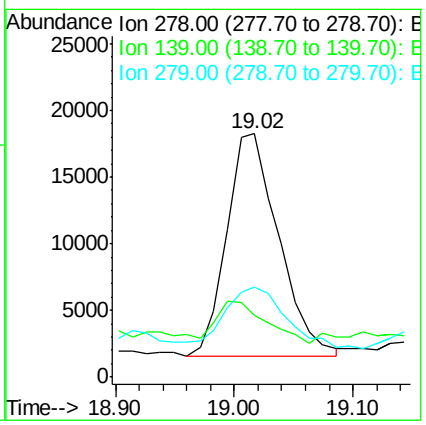


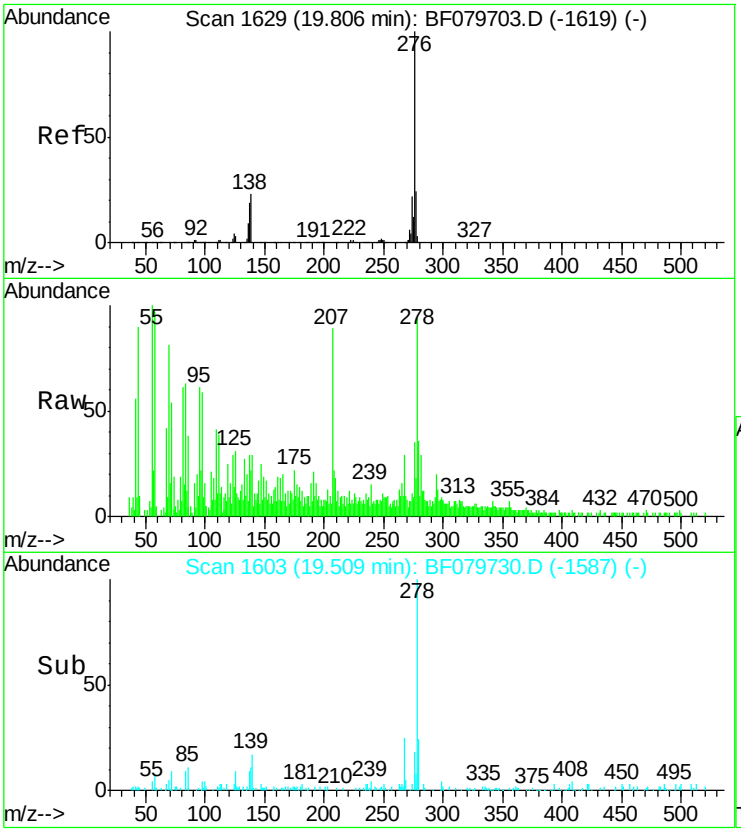


#90
Dibenzo(a,h)anthracene
Concen: 1946.89 ng
RT: 19.02 min Scan# 1560
Delta R.T. 0.07 min
Lab File: BF079730.D
Acq: 5 Jun 2015 6:39

Tgt Ion:278 Resp: 50666

Ion	Ratio	Lower	Upper
278	100		
139	25.3	12.7	19.1#
279	37.1	19.4	29.2#





#91
Benzo(g,h,i)perylene
Concen: 352.73 ng
RT: 19.51 min Scan# 1603
Delta R.T. -0.02 min
Lab File: BF079730.D
Acq: 5 Jun 2015 6:39

Instrument :
BNA_F
ClientSampleId :
SEC-3.2-SP

Tgt Ion:276 Resp: 9386

Ion	Ratio	Lower	Upper
276	100		
277	52.2	18.8	28.2#
138	64.2	18.2	27.2#