Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078595.D
Acq On : 17 Apr 2015 7:04
Operator : TP/IZ
Sample : G1828-07DL 2X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HS-SB02ADL

Quant Time: Apr 17 06:54:35 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 17 03:45:36 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	22036	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	92246	20.00	ng		0.00
38) Acenaphthene-d10	10.42	164	49056	20.00	ng		0.00
63) Phenanthrene-d10	12.24	188	102377	20.00	ng		0.00
75) Chrysene-d12	15.49	240	116478	20.00	ng		-0.01
86) Perylene-d12	17.15	264	125245	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	4.91	112	16885	12.63	ng		0.00
7) Phenol-d6	6.30	99	32297	19.28	ng		0.00
23) Nitrobenzene-d5	7.39	82	24178	15.89	ng		0.00
41) 2,4,6-Tribromophenol	11.39	330	14922	36.68	ng		0.00
44) 2-Fluorobiphenyl	9.62	172	67835	19.77	ng		0.00
78) Terphenyl-d14	14.23	244	126408	24.52	ng		0.00
Target Compounds							Qvalue
48) Acenaphthylene	10.25	152	22539	4.42	ng		100
55) 4-Nitrophenol	10.67	139	2468	6.52	ng	#	18
70) Phenanthrene	12.26	178	104859	17.71	ng		99
71) Anthracene	12.33	178	36711	6.29	ng		98
72) Carbazole	12.55	167	11188	2.05	ng	#	96
74) Fluoranthene	13.73	202	256754	41.11	ng		96
77) Pyrene	14.00	202	250035	34.20	ng	#	95
80) Benzo(a)anthracene	15.47	228	172540	24.90	ng		94
82) Chrysene	15.52	228	148472	22.80	ng		98
85) Indeno(1,2,3-cd)pyrene	18.33	276	116087	15.71	ng	#	91
87) Benzo(b)fluoranthene	16.73	252	310875	40.16	ng	#	95
88) Benzo(k)fluoranthene	16.73	252	311300	45.26	ng		97
89) Benzo(a)pyrene	17.10	252	163343	24.18	ng		96
90) Dibenzo(a,h)anthracene	18.34	278	31708	4.69	ng	#	90
91) Benzo(g,h,i)perylene	18.65	276	106393	15.69	ng		99

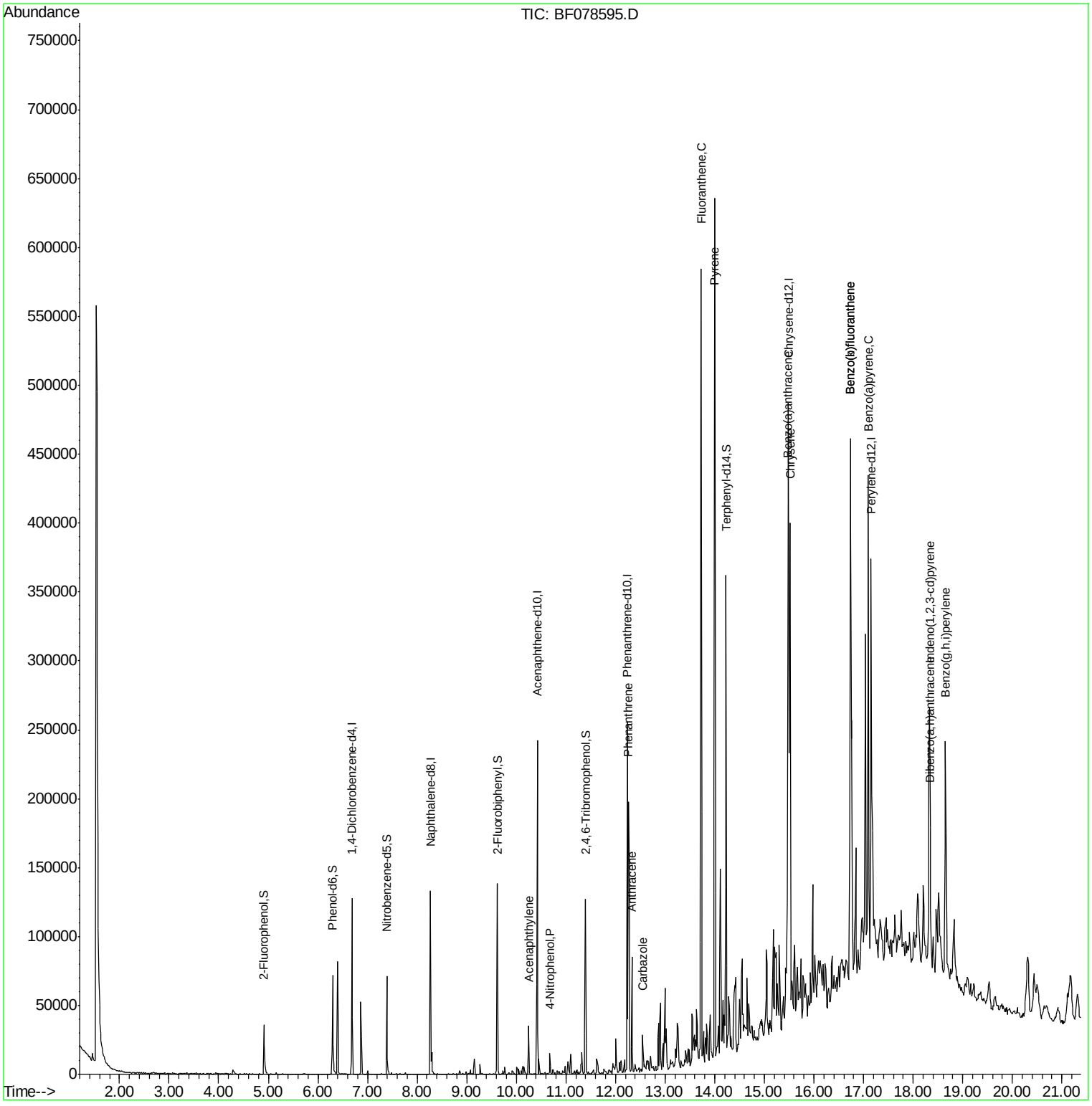
(#) = qualifier out of range (m) = manual integration (+) = signals summed

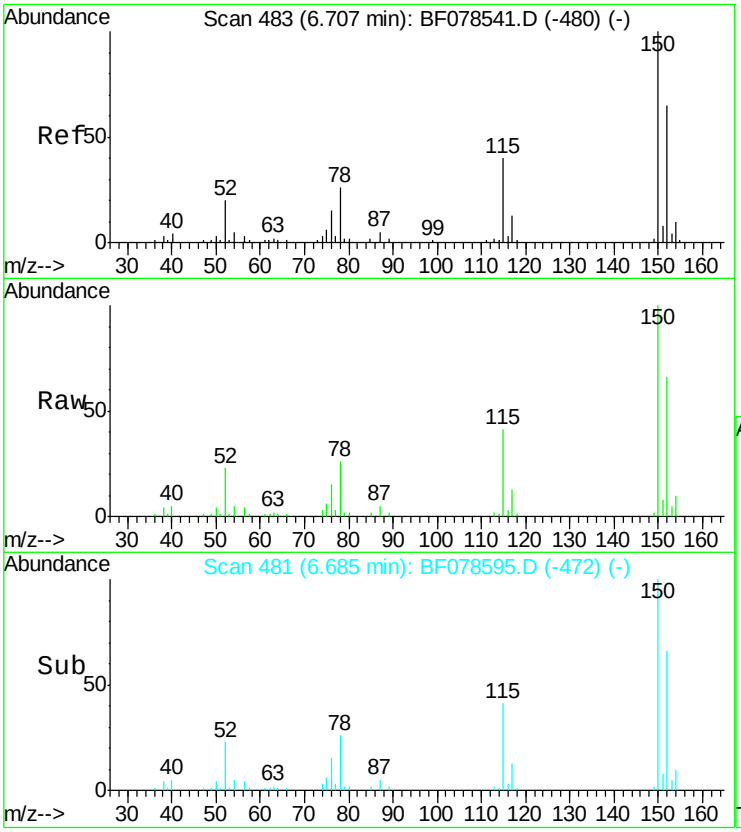
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078595.D
Acq On : 17 Apr 2015 7:04
Operator : TP/IZ
Sample : G1828-07DL 2X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HS-SB02ADL

Quant Time: Apr 17 06:54:35 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 17 03:45:36 2015
Response via : Initial Calibration



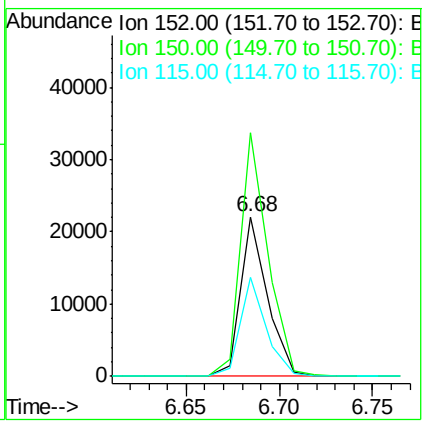


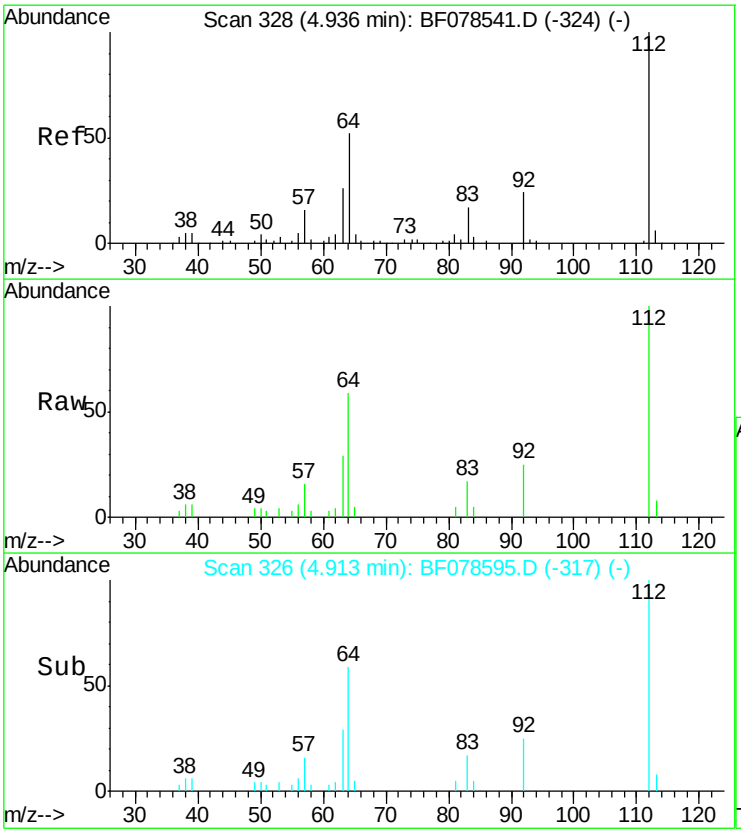
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 481
Delta R.T. 0.00 min
Lab File: BF078595.D
Acq: 17 Apr 2015 7:04

Instrument :
BNA_F
ClientSampleId :
HS-SB02ADL

Tgt Ion:152 Resp: 22036

Ion	Ratio	Lower	Upper
152	100		
150	152.4	125.9	188.9
115	61.8	52.7	79.1

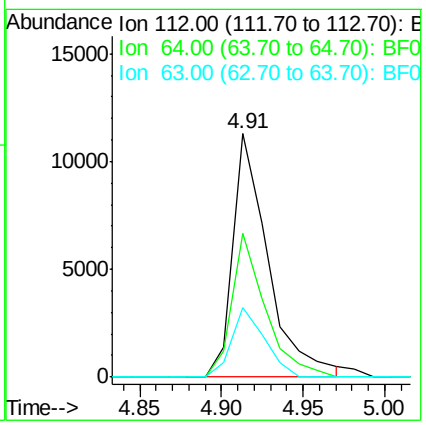


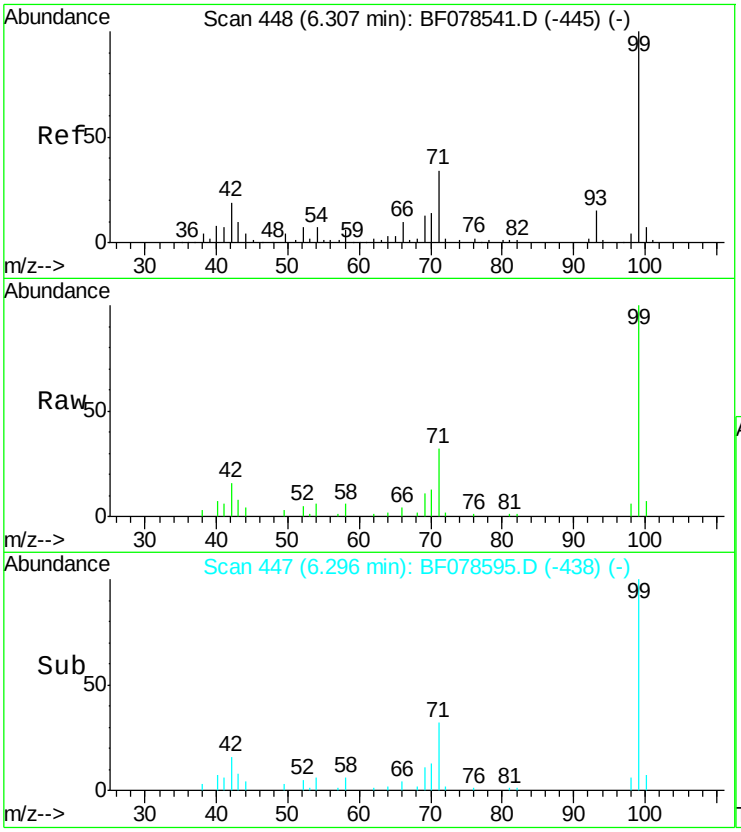


#5
2-Fluorophenol
Concen: 12.63 ng
RT: 4.91 min Scan# 326
Delta R.T. 0.00 min
Lab File: BF078595.D
Acq: 17 Apr 2015 7:04

Tgt Ion:112 Resp: 16885

Ion	Ratio	Lower	Upper
112	100		
64	58.8	39.9	59.9
63	28.8	20.2	30.4



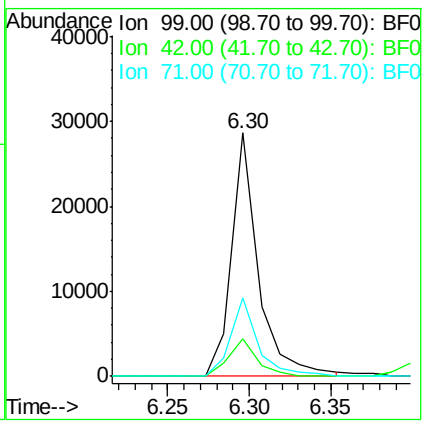


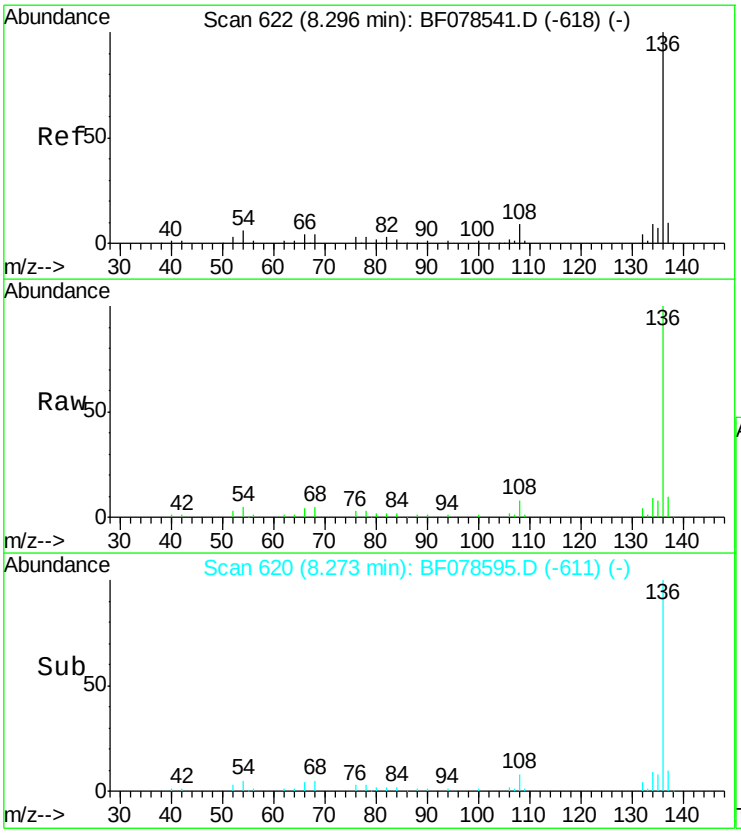
#7
Phenol-d6
Concen: 19.28 ng
RT: 6.30 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF078595.D
Acq: 17 Apr 2015 7:04

Instrument :
BNA_F
ClientSampleId :
HS-SB02ADL

Tgt Ion: 99 Resp: 32297

Ion	Ratio	Lower	Upper
99	100		
42	15.5	14.8	22.2
71	32.0	26.6	39.8

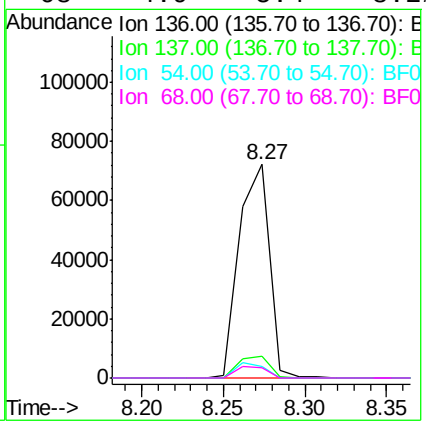


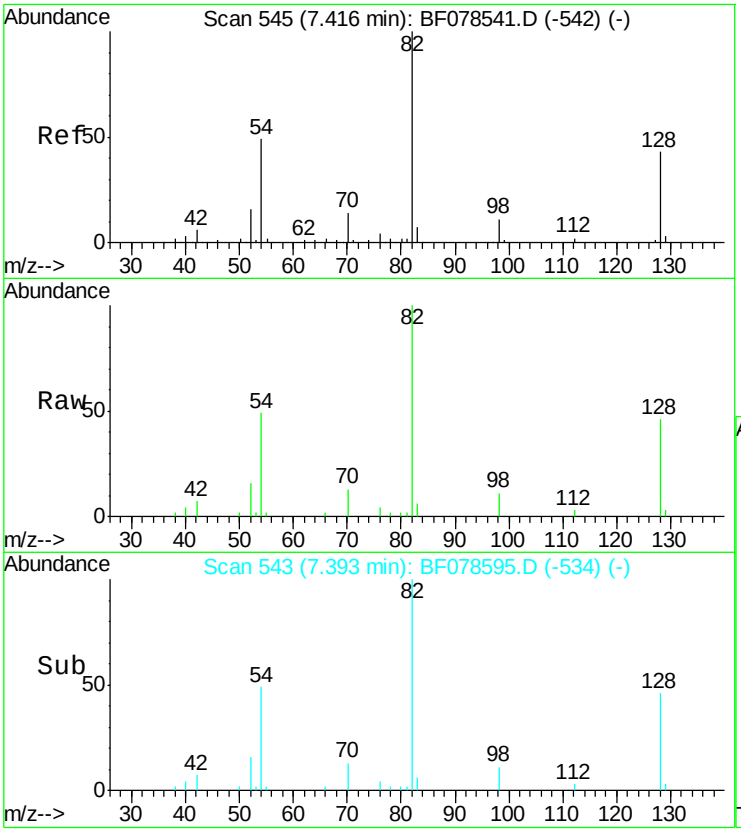


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 620
Delta R.T. 0.00 min
Lab File: BF078595.D
Acq: 17 Apr 2015 7:04

Tgt Ion:136 Resp: 92246

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.0	13.4
54	5.2	7.0	10.6#
68	4.9	5.4	8.2#



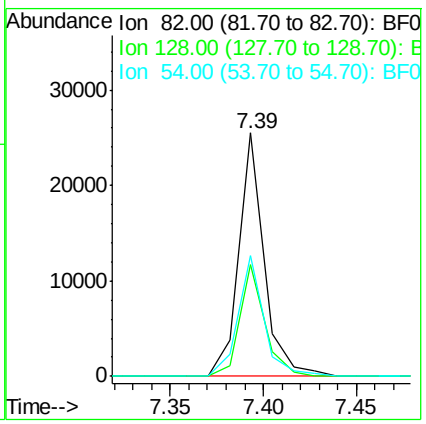


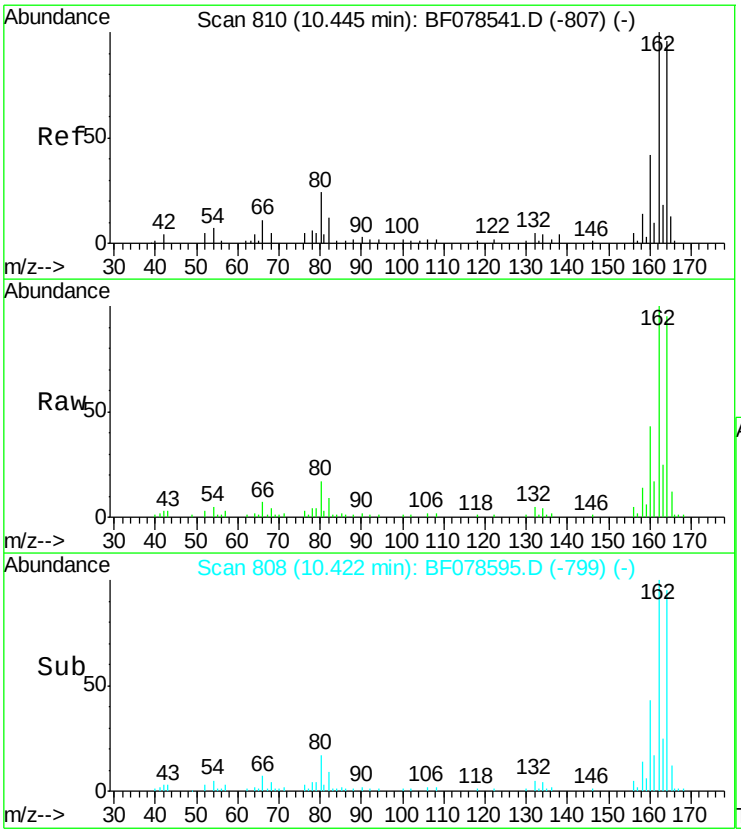
#23
Nitrobenzene-d5
Concen: 15.89 ng
RT: 7.39 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF078595.D
Acq: 17 Apr 2015 7:04

Instrument :
BNA_F
ClientSampleId :
HS-SB02ADL

Tgt Ion: 82 Resp: 24178

Ion	Ratio	Lower	Upper
82	100		
128	45.8	31.8	47.8
54	49.4	41.5	62.3

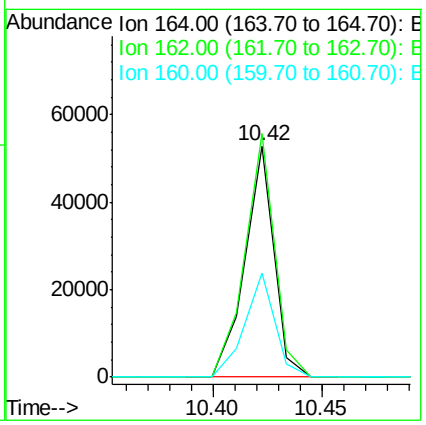


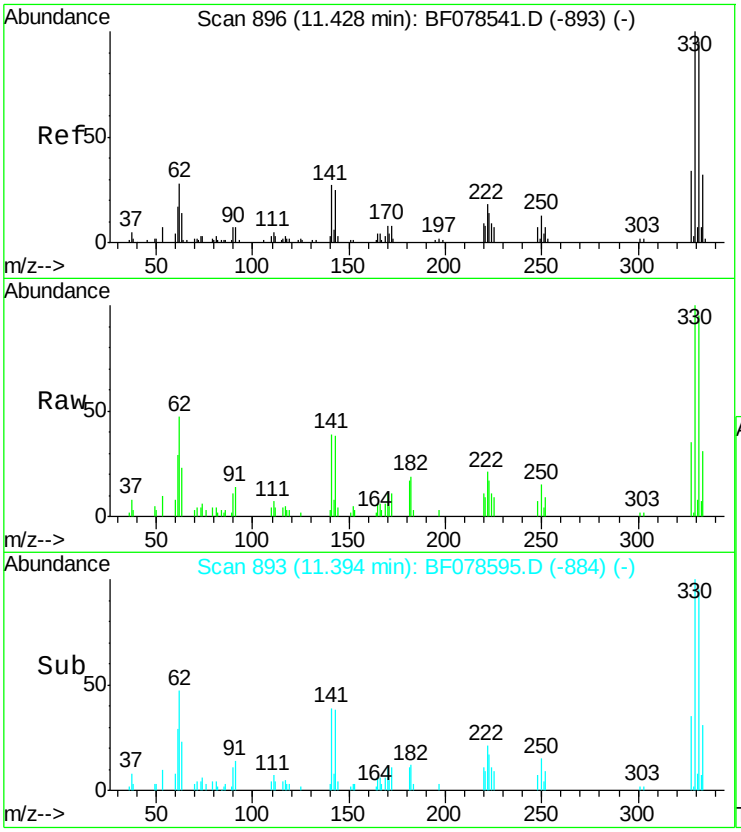


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.42 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF078595.D
Acq: 17 Apr 2015 7:04

Tgt Ion:164 Resp: 49056

Ion	Ratio	Lower	Upper
164	100		
162	105.2	82.2	123.2
160	45.0	34.7	52.1



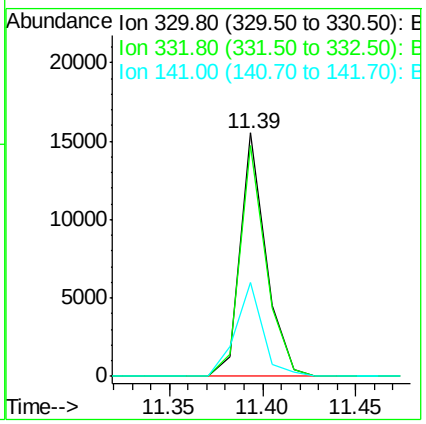


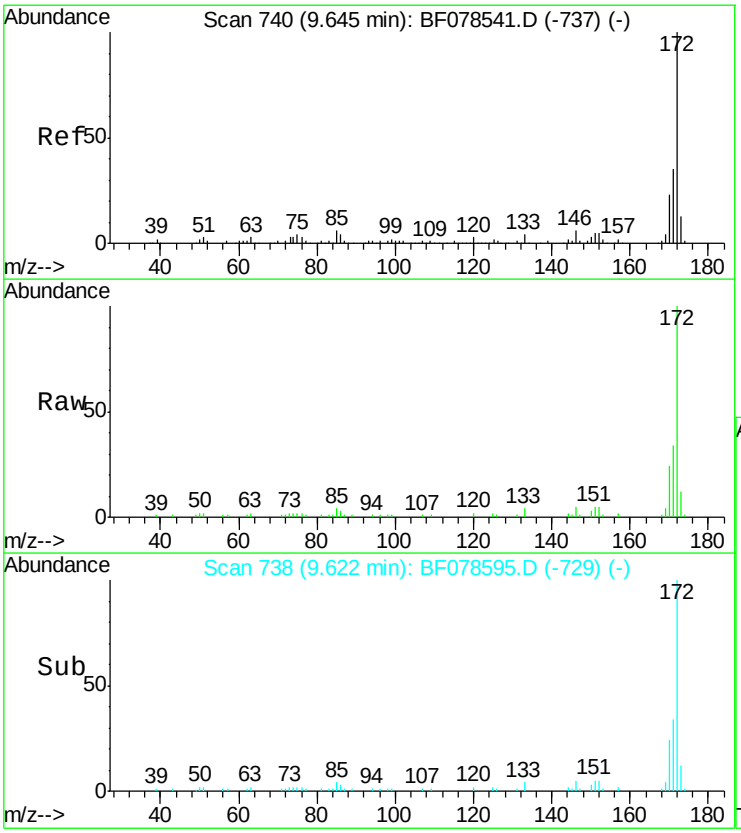
#41
2,4,6-Tribromophenol
Concen: 36.68 ng
RT: 11.39 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF078595.D
Acq: 17 Apr 2015 7:04

Instrument :
BNA_F
ClientSampleId :
HS-SB02ADL

Tgt Ion:330 Resp: 14922

Ion	Ratio	Lower	Upper
330	100		
332	95.9	78.6	117.8
141	41.0	31.2	46.8

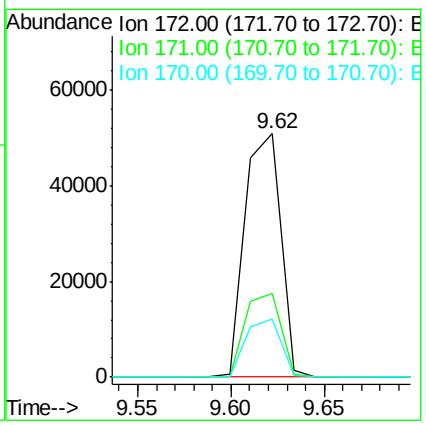


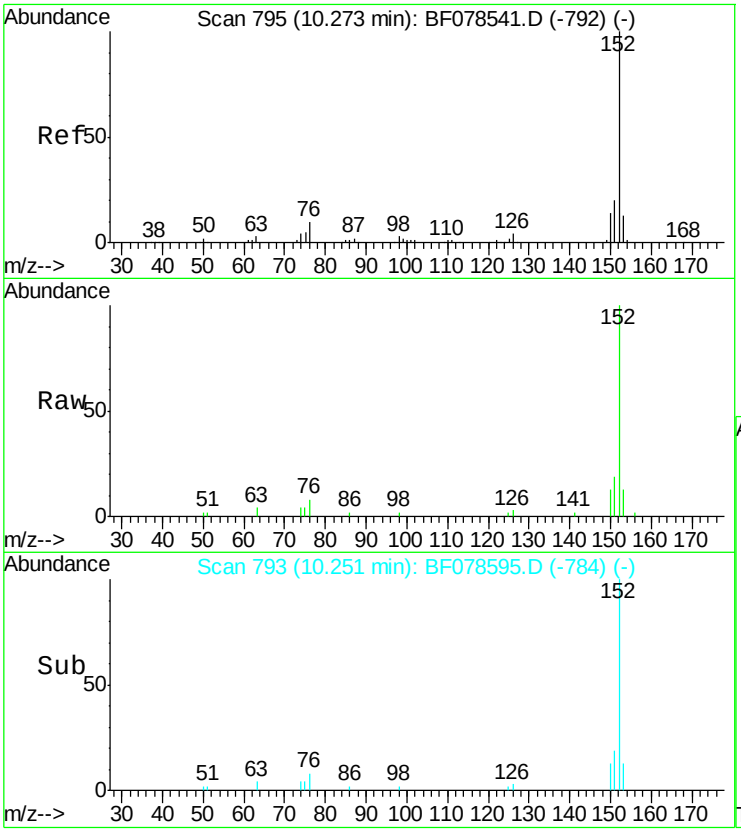


#44
2-Fluorobiphenyl
Concen: 19.77 ng
RT: 9.62 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF078595.D
Acq: 17 Apr 2015 7:04

Tgt Ion:172 Resp: 67835

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.6	42.8
170	23.6	18.5	27.7



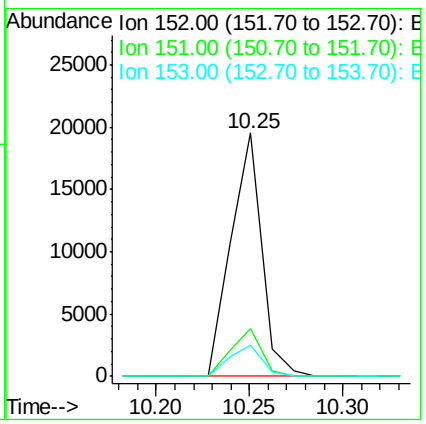


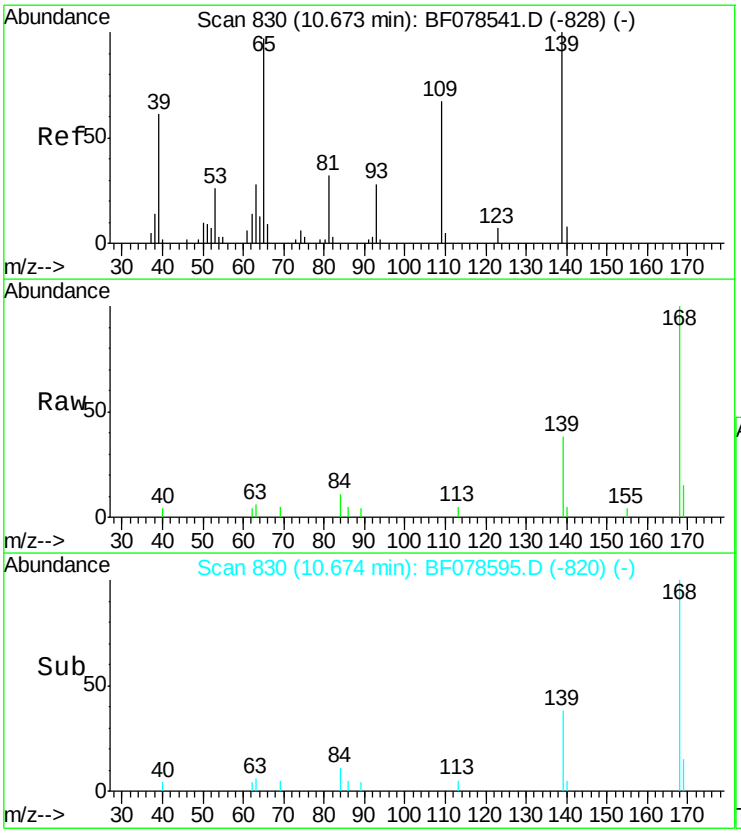
#48
Acenaphthylene
Concen: 4.42 ng
RT: 10.25 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF078595.D
Acq: 17 Apr 2015 7:04

Instrument :
BNA_F
ClientSampleId :
HS-SB02ADL

Tgt Ion:152 Resp: 22539

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	12.6	10.2	15.2

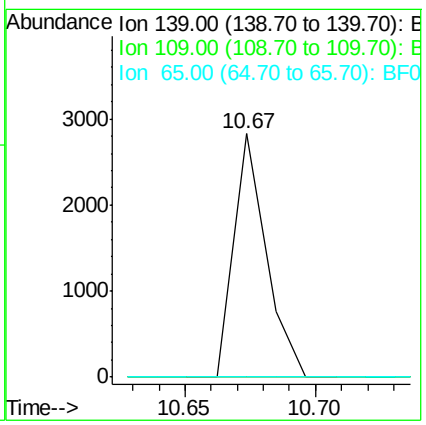


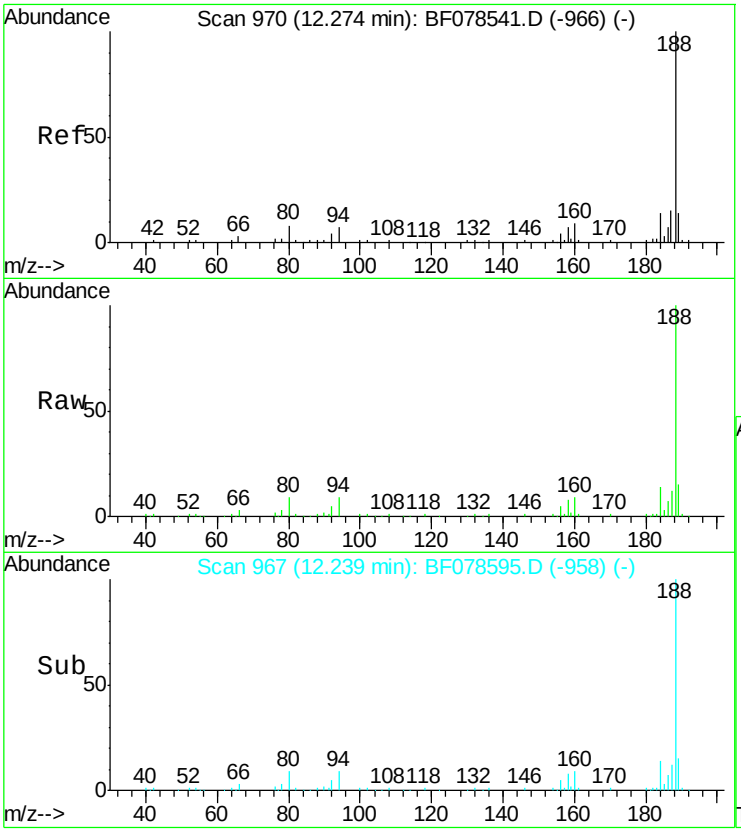


#55
4-Nitrophenol
Concen: 6.52 ng
RT: 10.67 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF078595.D
Acq: 17 Apr 2015 7:04

Tgt Ion:139 Resp: 2468

Ion	Ratio	Lower	Upper
139	100		
109	0.0	36.7	76.7#
65	0.0	49.9	89.9#



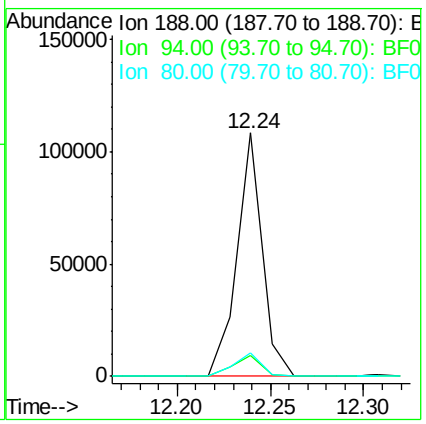


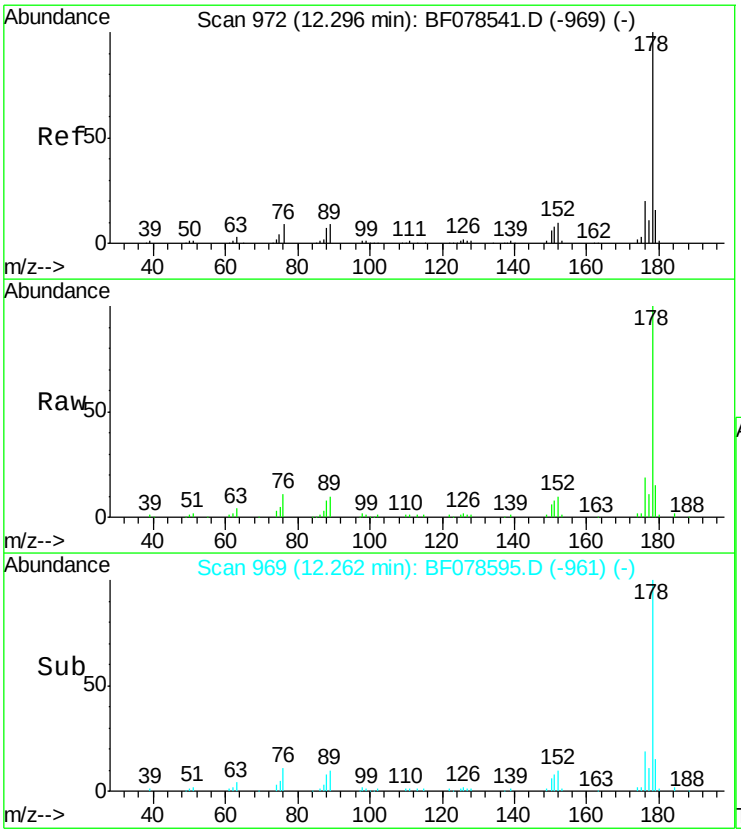
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.24 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF078595.D
Acq: 17 Apr 2015 7:04

Instrument :
BNA_F
ClientSampleId :
HS-SB02ADL

Tgt Ion:188 Resp: 102377

Ion	Ratio	Lower	Upper
188	100		
94	8.7	9.0	13.4#
80	9.4	9.5	14.3#

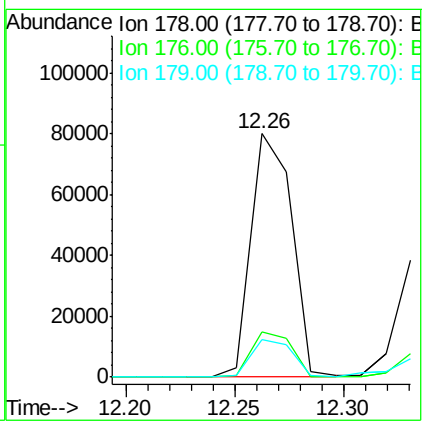


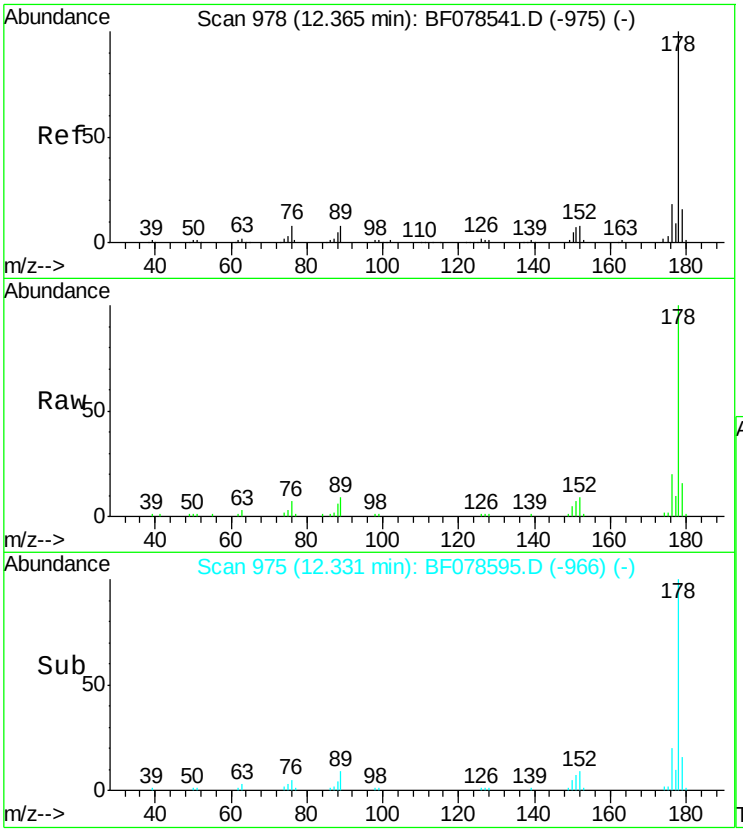


#70
Phenanthrene
Concen: 17.71 ng
RT: 12.26 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF078595.D
Acq: 17 Apr 2015 7:04

Tgt Ion:178 Resp: 104859

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.0
179	15.5	12.2	18.2



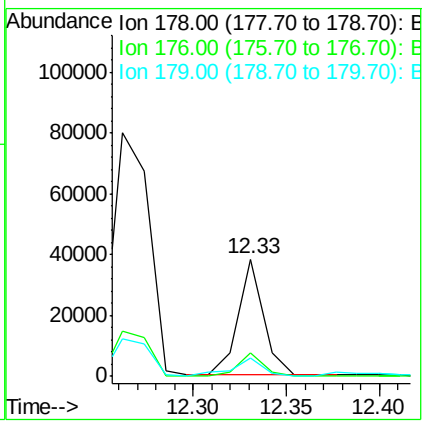


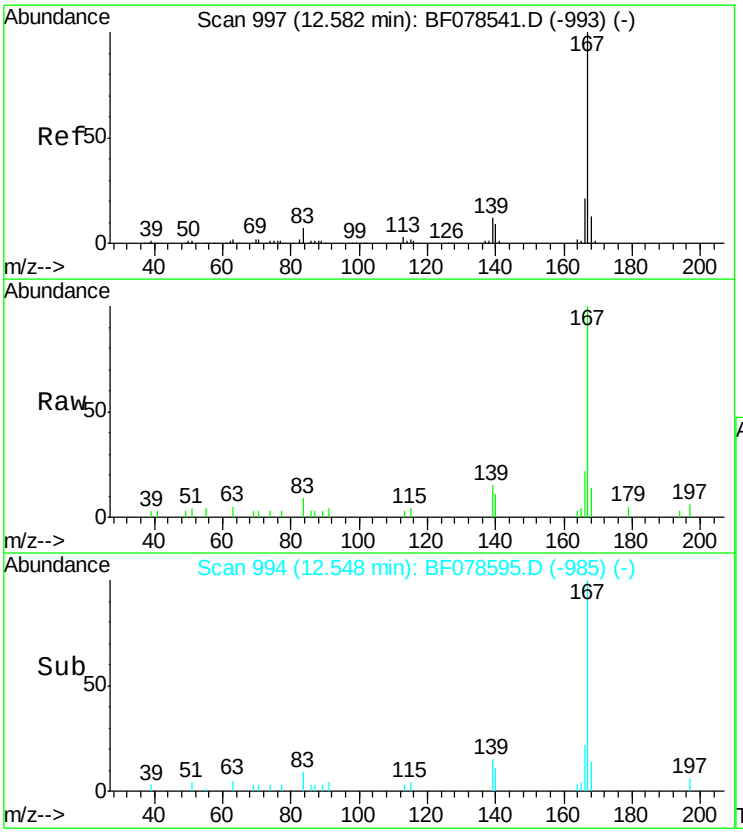
#71
Anthracene
Concen: 6.29 ng
RT: 12.33 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF078595.D
Acq: 17 Apr 2015 7:04

Instrument :
BNA_F
ClientSampleId :
HS-SB02ADL

Tgt Ion:178 Resp: 36711

Ion	Ratio	Lower	Upper
178	100		
176	19.6	14.8	22.2
179	15.9	12.4	18.6

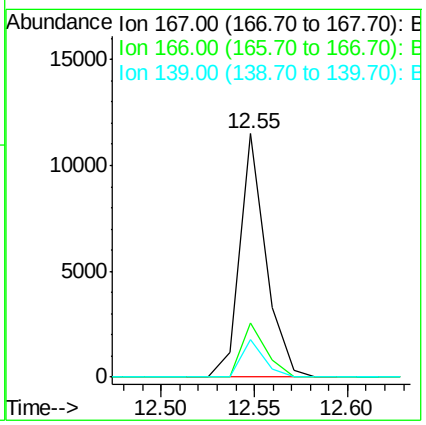


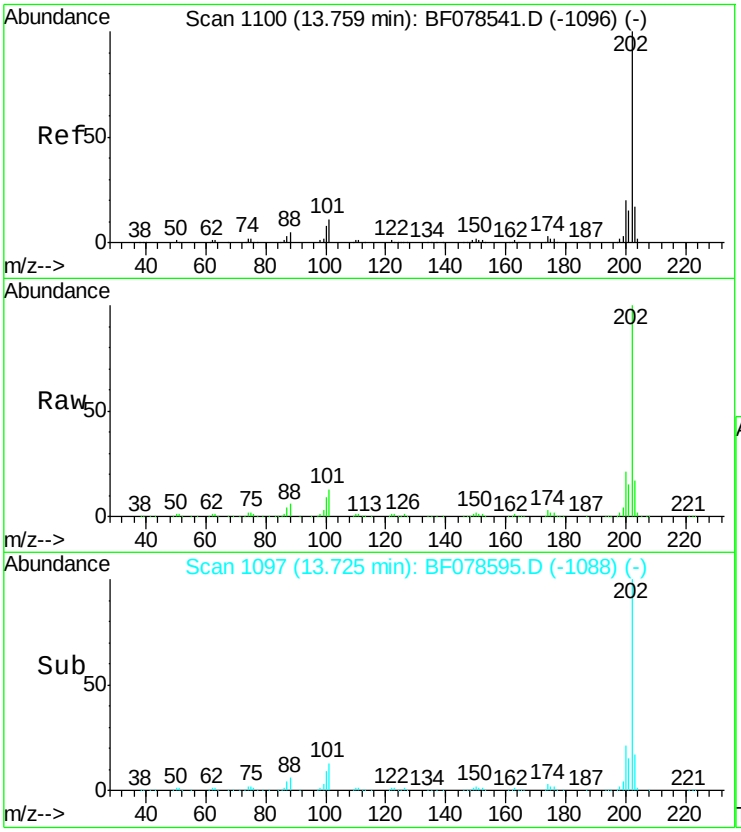


#72
Carbazole
Concen: 2.05 ng
RT: 12.55 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF078595.D
Acq: 17 Apr 2015 7:04

Tgt Ion:167 Resp: 11188

Ion	Ratio	Lower	Upper
167	100		
166	22.2	16.8	25.2
139	15.3	10.0	15.0#



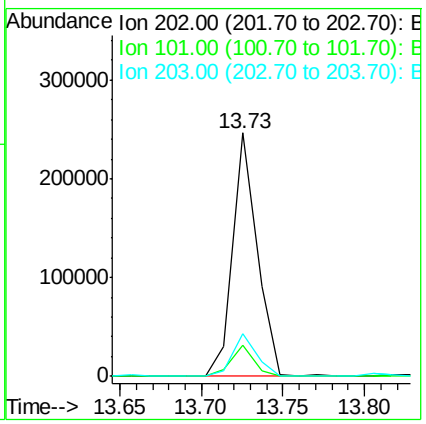


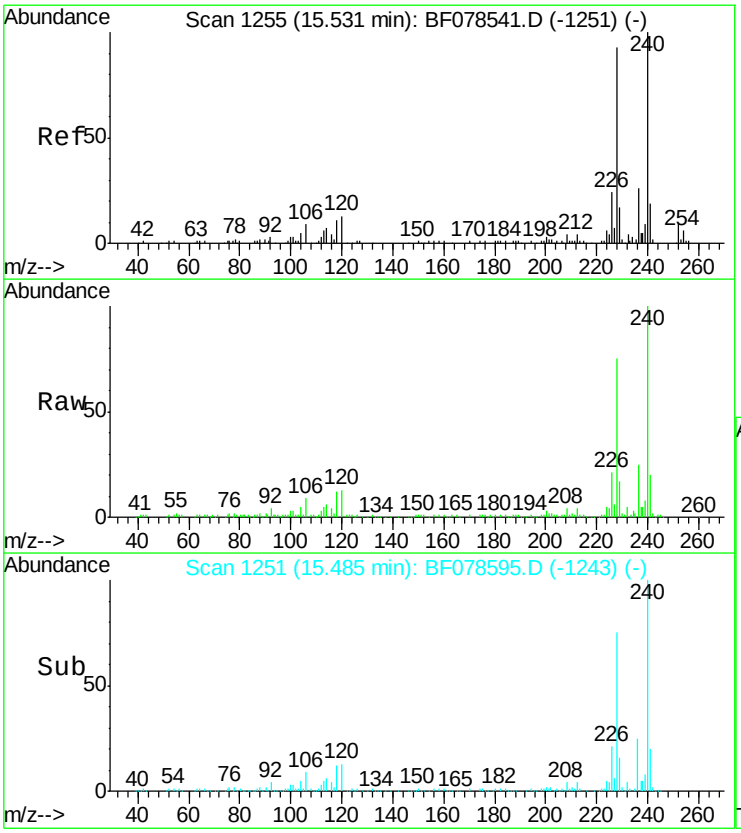
#74
Fluoranthene
Concen: 41.11 ng
RT: 13.73 min Scan# 1097
Delta R.T. 0.00 min
Lab File: BF078595.D
Acq: 17 Apr 2015 7:04

Instrument :
BNA_F
ClientSampleId :
HS-SB02ADL

Tgt Ion:202 Resp: 256754

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	35.2
203	17.4	0.0	38.5

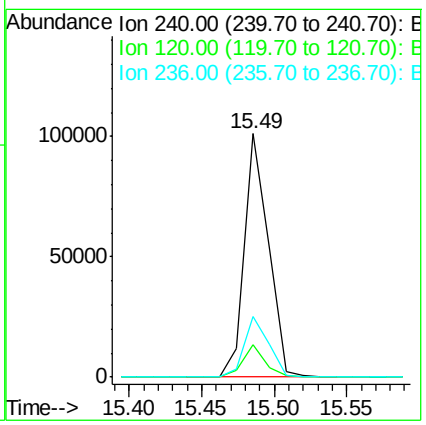


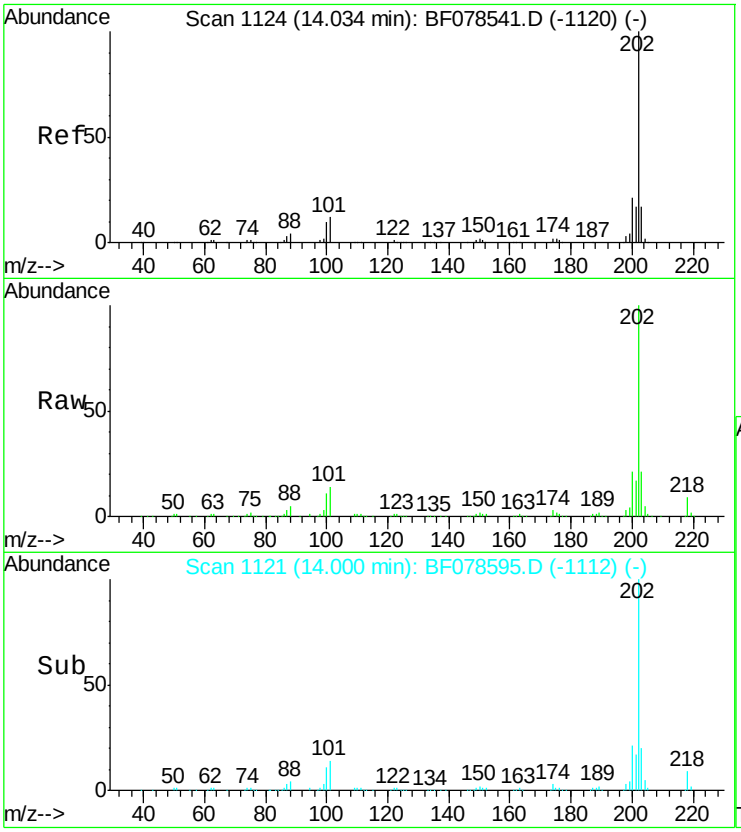


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BF078595.D
Acq: 17 Apr 2015 7:04

Tgt Ion:240 Resp: 116478

Ion	Ratio	Lower	Upper
240	100		
120	13.5	7.1	10.7#
236	25.1	21.4	32.2



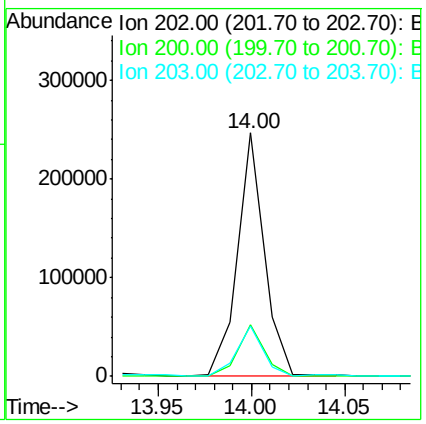


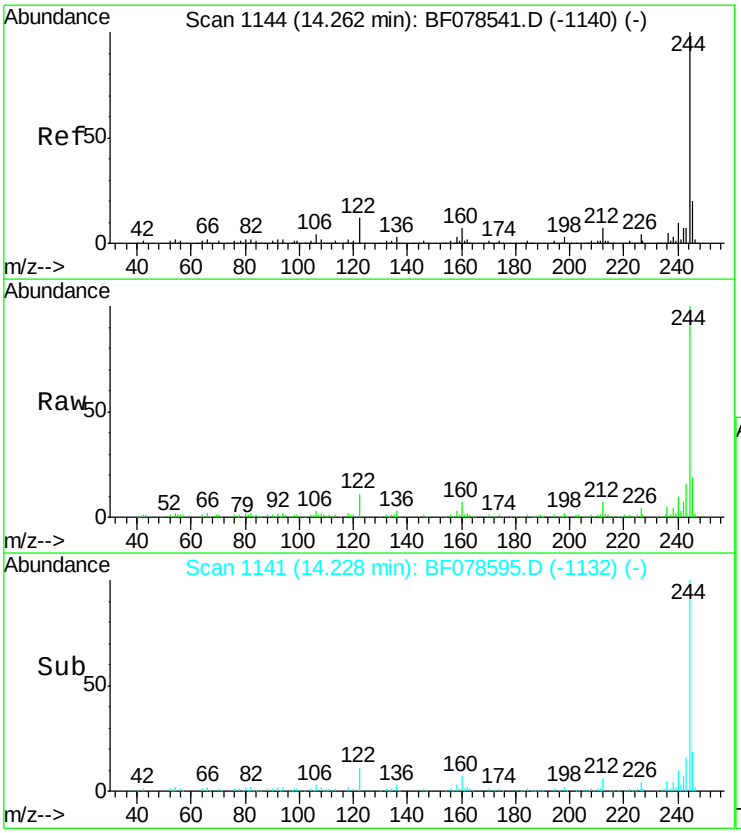
#77
Pyrene
Concen: 34.20 ng
RT: 14.00 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BF078595.D
Acq: 17 Apr 2015 7:04

Instrument :
BNA_F
ClientSampleId :
HS-SB02ADL

Tgt Ion:202 Resp: 250035

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.3	24.5
203	20.7	13.8	20.6#

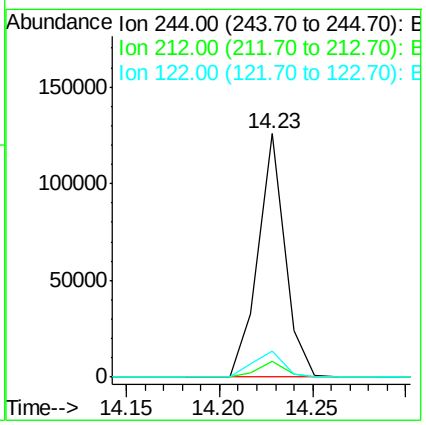


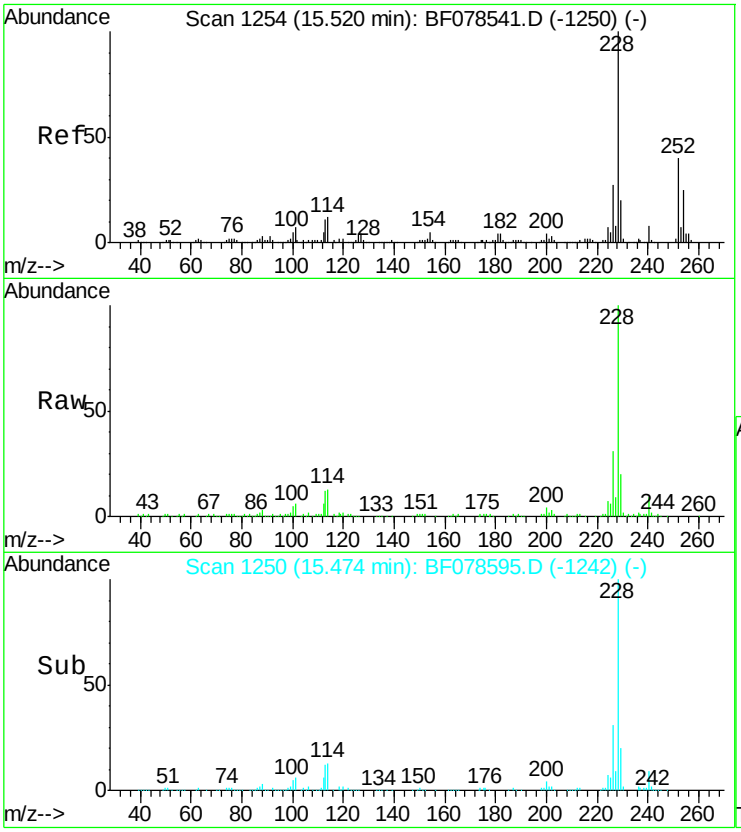


#78
Terphenyl-d14
Concen: 24.52 ng
RT: 14.23 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF078595.D
Acq: 17 Apr 2015 7:04

Tgt Ion:244 Resp: 126408

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.0	7.4
122	10.9	7.1	10.7#



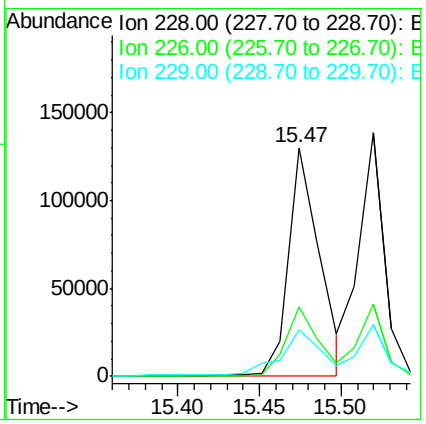


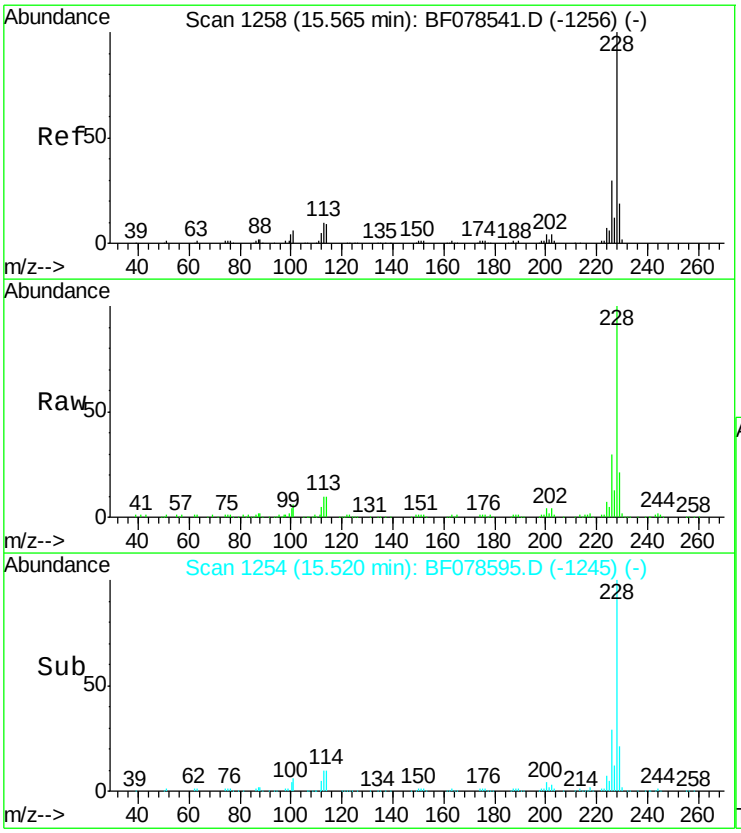
#80
Benzo(a)anthracene
Concen: 24.90 ng
RT: 15.47 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF078595.D
Acq: 17 Apr 2015 7:04

Instrument :
BNA_F
ClientSampleId :
HS-SB02ADL

Tgt Ion:228 Resp: 172540

Ion	Ratio	Lower	Upper
228	100		
226	30.6	21.3	31.9
229	20.4	15.4	23.2

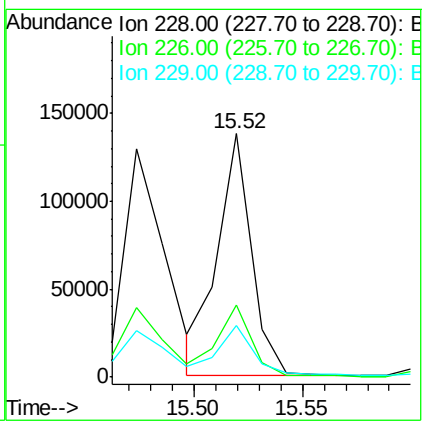


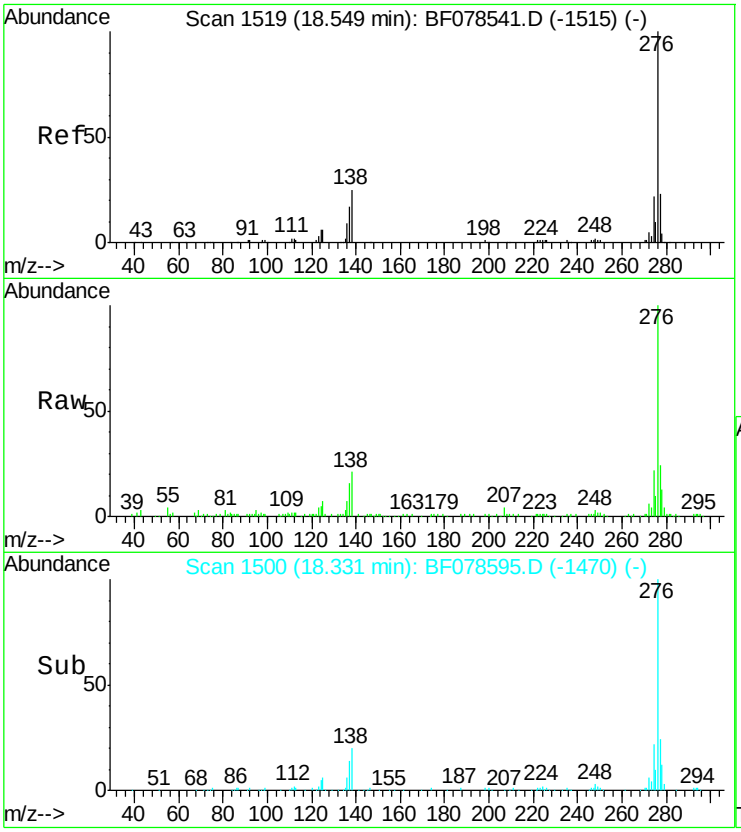


#82
Chrysene
Concen: 22.80 ng
RT: 15.52 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF078595.D
Acq: 17 Apr 2015 7:04

Tgt Ion:228 Resp: 148472

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.2	36.4
229	21.4	15.8	23.8



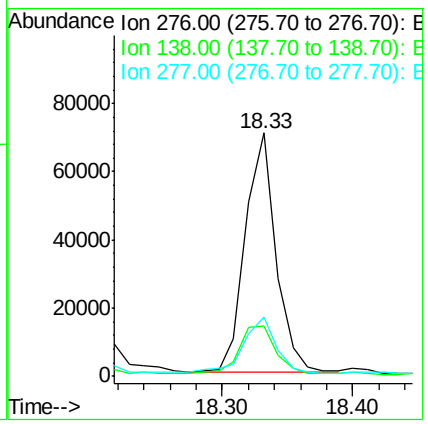


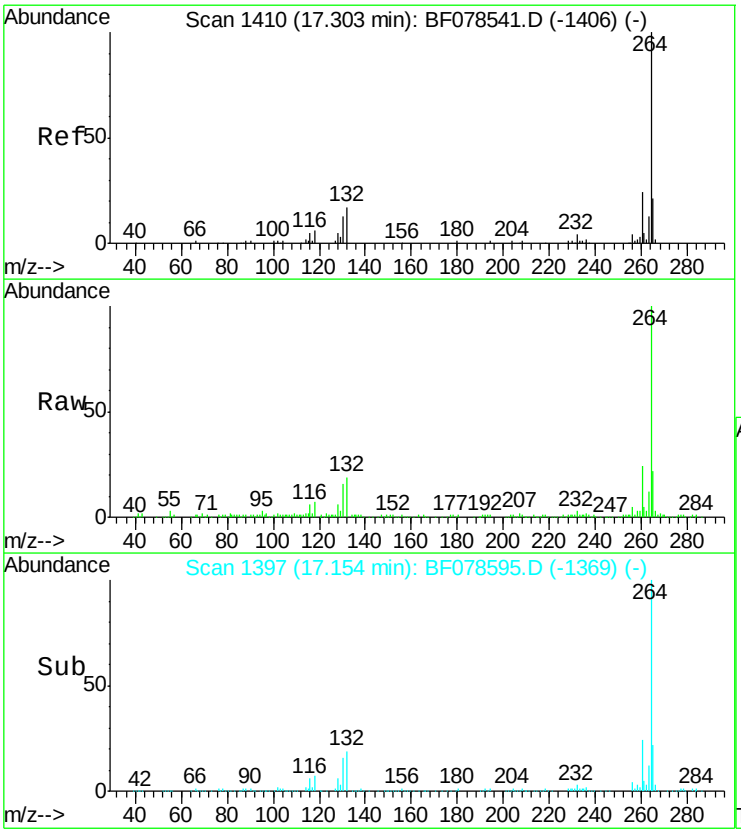
#85
Indeno(1,2,3-cd)pyrene
Concen: 15.71 ng
RT: 18.33 min Scan# 1500
Delta R.T. 0.05 min
Lab File: BF078595.D
Acq: 17 Apr 2015 7:04

Instrument :
BNA_F
ClientSampleId :
HS-SB02ADL

Tgt Ion:276 Resp: 116087

Ion	Ratio	Lower	Upper
276	100		
138	23.7	16.9	25.3
277	25.7	15.8	23.6#

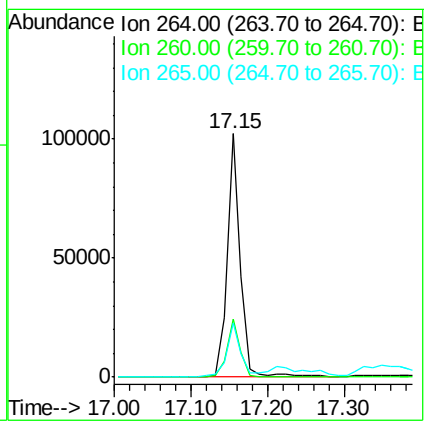


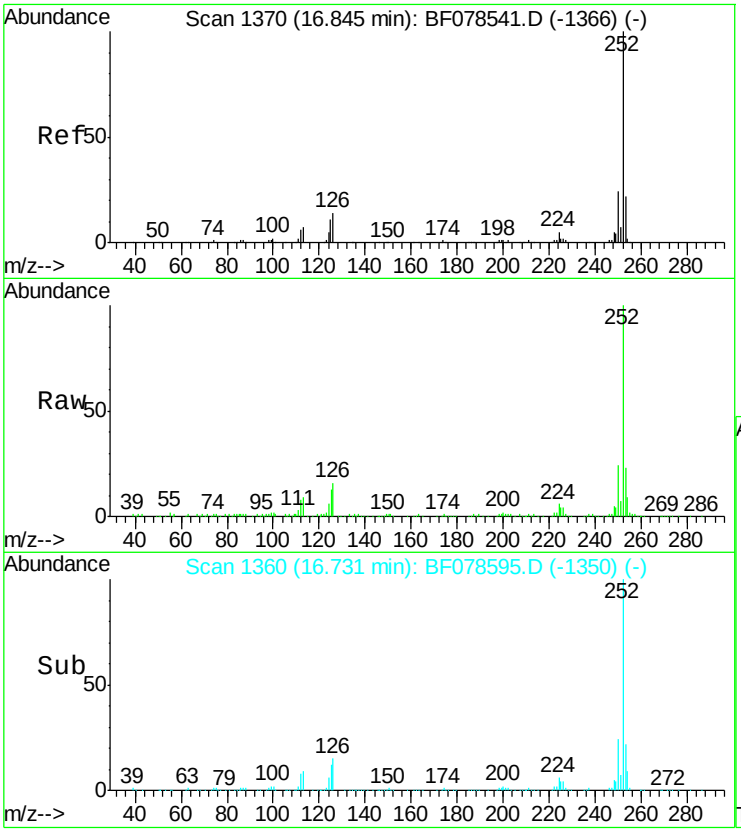


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.15 min Scan# 1397
Delta R.T. 0.02 min
Lab File: BF078595.D
Acq: 17 Apr 2015 7:04

Tgt Ion:264 Resp: 125245

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	22.3	17.0	25.6



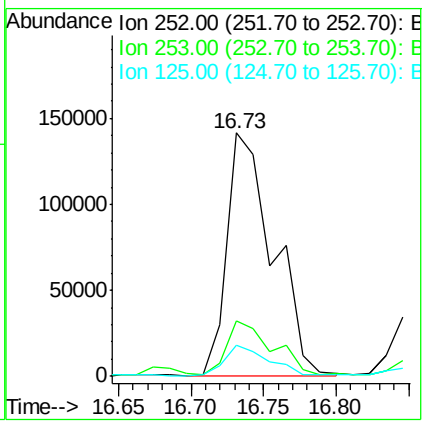


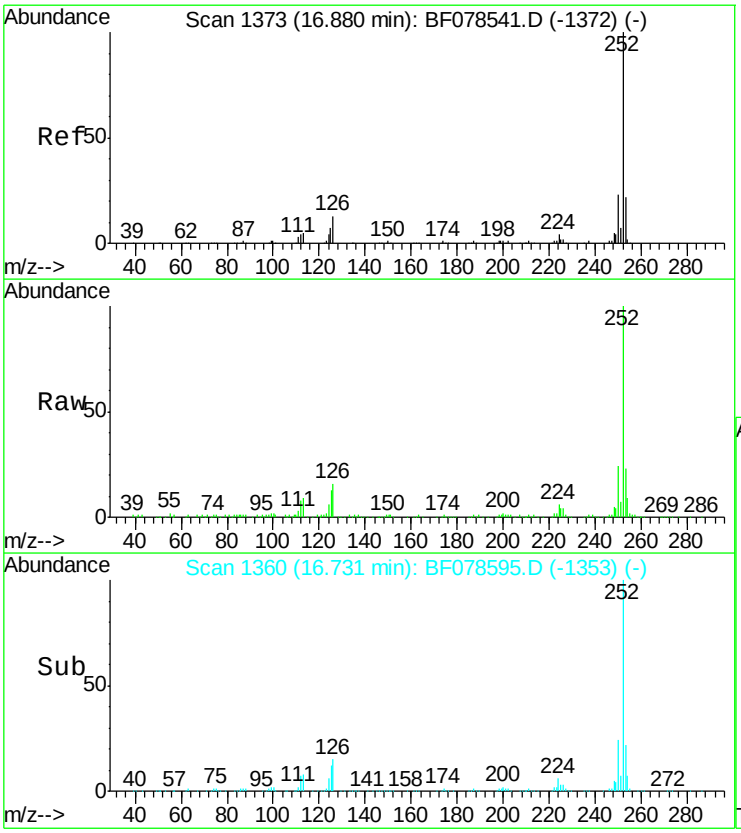
#87
Benzo(b)fluoranthene
Concen: 40.16 ng
RT: 16.73 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BF078595.D
Acq: 17 Apr 2015 7:04

Instrument :
BNA_F
ClientSampleId :
HS-SB02ADL

Tgt Ion:252 Resp: 310875

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	12.6	7.0	10.4#

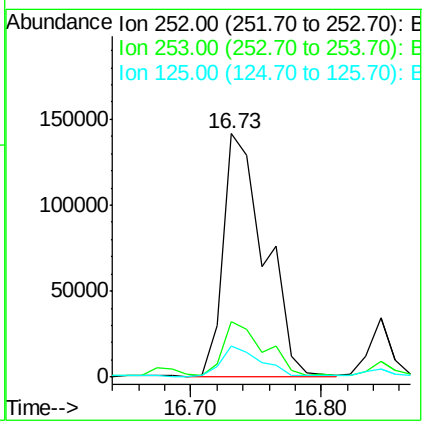


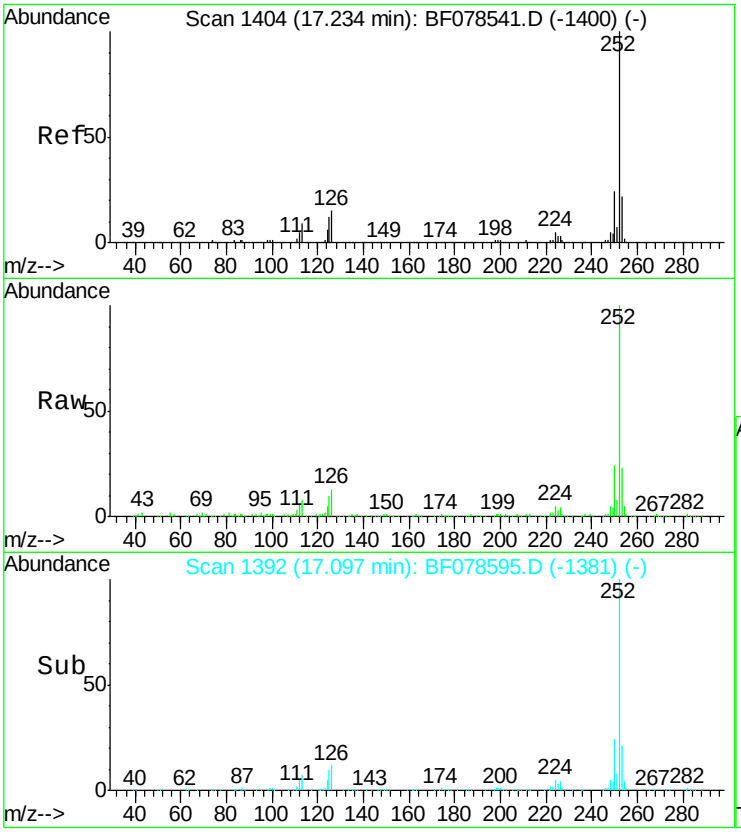


#88
Benzo(k)fluoranthene
Concen: 45.26 ng
RT: 16.73 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BF078595.D
Acq: 17 Apr 2015 7:04

Tgt Ion:252 Resp: 311300

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	12.6	11.6	17.4



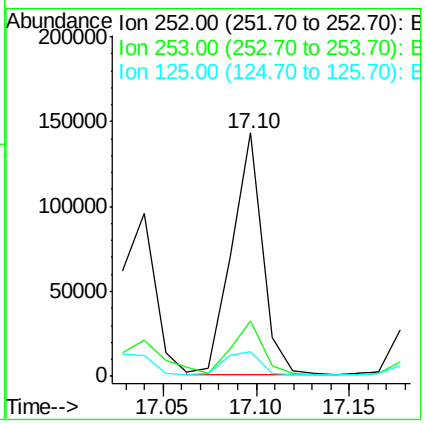


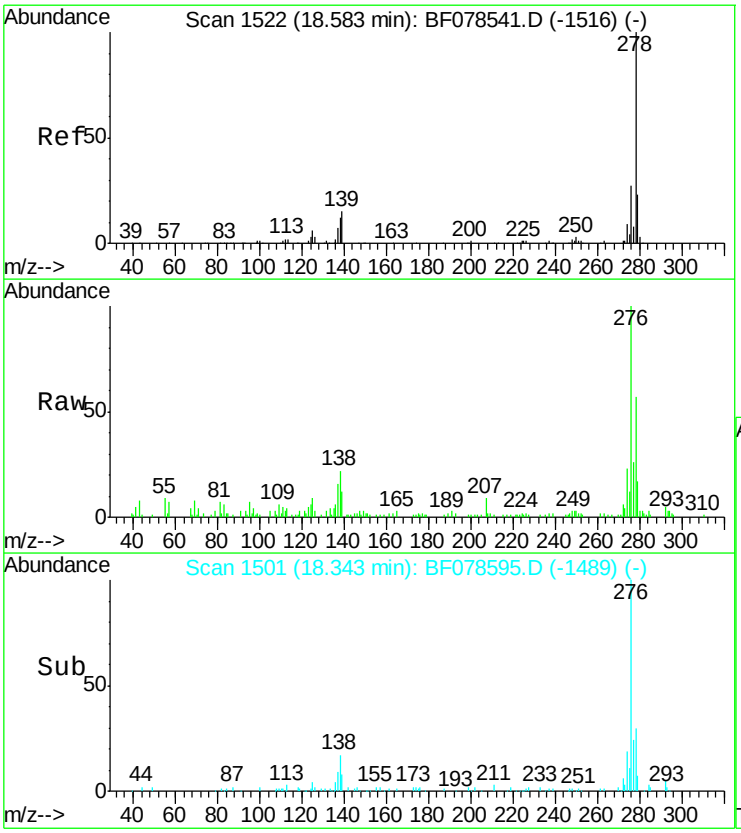
#89
Benzo(a)pyrene
Concen: 24.18 ng
RT: 17.10 min Scan# 1392
Delta R.T. 0.02 min
Lab File: BF078595.D
Acq: 17 Apr 2015 7:04

Instrument :
BNA_F
ClientSampleId :
HS-SB02ADL

Tgt Ion:252 Resp: 163343

Ion	Ratio	Lower	Upper
252	100		
253	22.9	16.8	25.2
125	10.3	7.4	11.0

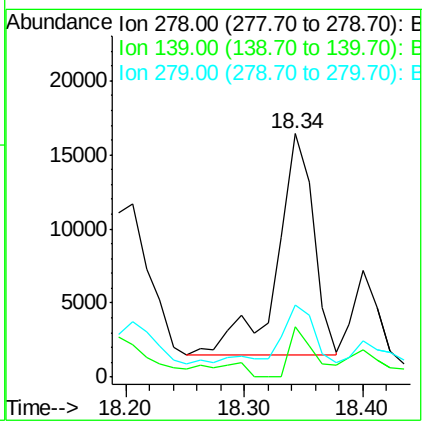


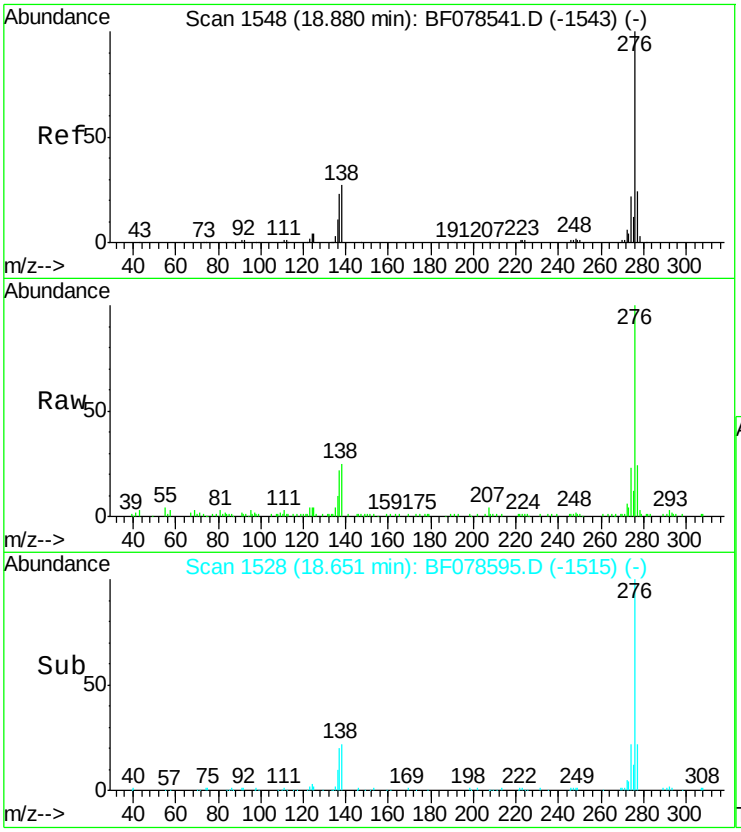


#90
Dibenzo(a,h)anthracene
Concen: 4.69 ng
RT: 18.34 min Scan# 1501
Delta R.T. 0.03 min
Lab File: BF078595.D
Acq: 17 Apr 2015 7:04

Tgt Ion:278 Resp: 31708

Ion	Ratio	Lower	Upper
278	100		
139	20.5	13.6	20.4#
279	29.6	19.0	28.6#





#91
Benzo(g,h,i)perylene
Concen: 15.69 ng
RT: 18.65 min Scan# 1528
Delta R.T. 0.05 min
Lab File: BF078595.D
Acq: 17 Apr 2015 7:04

Instrument :
BNA_F
ClientSampleId :
HS-SB02ADL

Tgt Ion:276 Resp: 106393

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.0	28.4
138	24.7	19.9	29.9