Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051815\
Data File : BF079333.D
Acq On : 19 May 2015 5:24
Operator : TP/IZ
Sample : G2270-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-14

Quant Time: May 19 07:17:33 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 19 06:58:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	46929	20.00	ng		0.00
21) Naphthalene-d8	8.74	136	195647	20.00	ng		0.00
38) Acenaphthene-d10	10.91	164	97448	20.00	ng		0.00
63) Phenanthrene-d10	12.77	188	192307	20.00	ng		0.01
75) Chrysene-d12	16.05	240	203439	20.00	ng		-0.01
86) Perylene-d12	17.78	264	208120	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	342971m	125.80	ng		0.01
7) Phenol-d6	6.74	99	427921	118.75	ng		0.00
23) Nitrobenzene-d5	7.86	82	251990	74.02	ng		0.00
41) 2,4,6-Tribromophenol	11.90	330	140630	133.40	ng		0.00
44) 2-Fluorobiphenyl	10.09	172	526427	75.26	ng		0.00
78) Terphenyl-d14	14.75	244	620665	73.04	ng		0.00
Target Compounds							Qvalue
48) Acenaphthylene	10.74	152	30711	3.10	ng		99
49) Dimethylphthalate	10.60	163	28566	3.99	ng	#	97
57) Fluorene	11.60	166	15456	2.20	ng		98
70) Phenanthrene	12.79	178	208946	19.42	ng		100
71) Anthracene	12.86	178	65774	6.23	ng		99
74) Fluoranthene	14.26	202	406938	36.30	ng		99
77) Pyrene	14.55	202	390063	33.27	ng		100
80) Benzo(a)anthracene	16.03	228	211732m	19.01	ng		
82) Chrysene	16.08	228	185560	17.32	ng		97
85) Indeno(1,2,3-cd)pyrene	19.19	276	108842	7.97	ng		93
87) Benzo(b)fluoranthene	17.35	252	243008m	21.33	ng		
88) Benzo(k)fluoranthene	17.37	252	80816m	7.33	ng		
89) Benzo(a)pyrene	17.73	252	171992	16.40	ng		99
90) Dibenzo(a,h)anthracene	19.20	278	28008	2.51	ng	#	79
91) Benzo(g,h,i)perylene	19.60	276	105250	9.42	ng	#	93

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

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Misc :
ALS Vial : 21 Sample Multiplier: 1

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SB-14

Quant Time: May 19 07:17:33 2015
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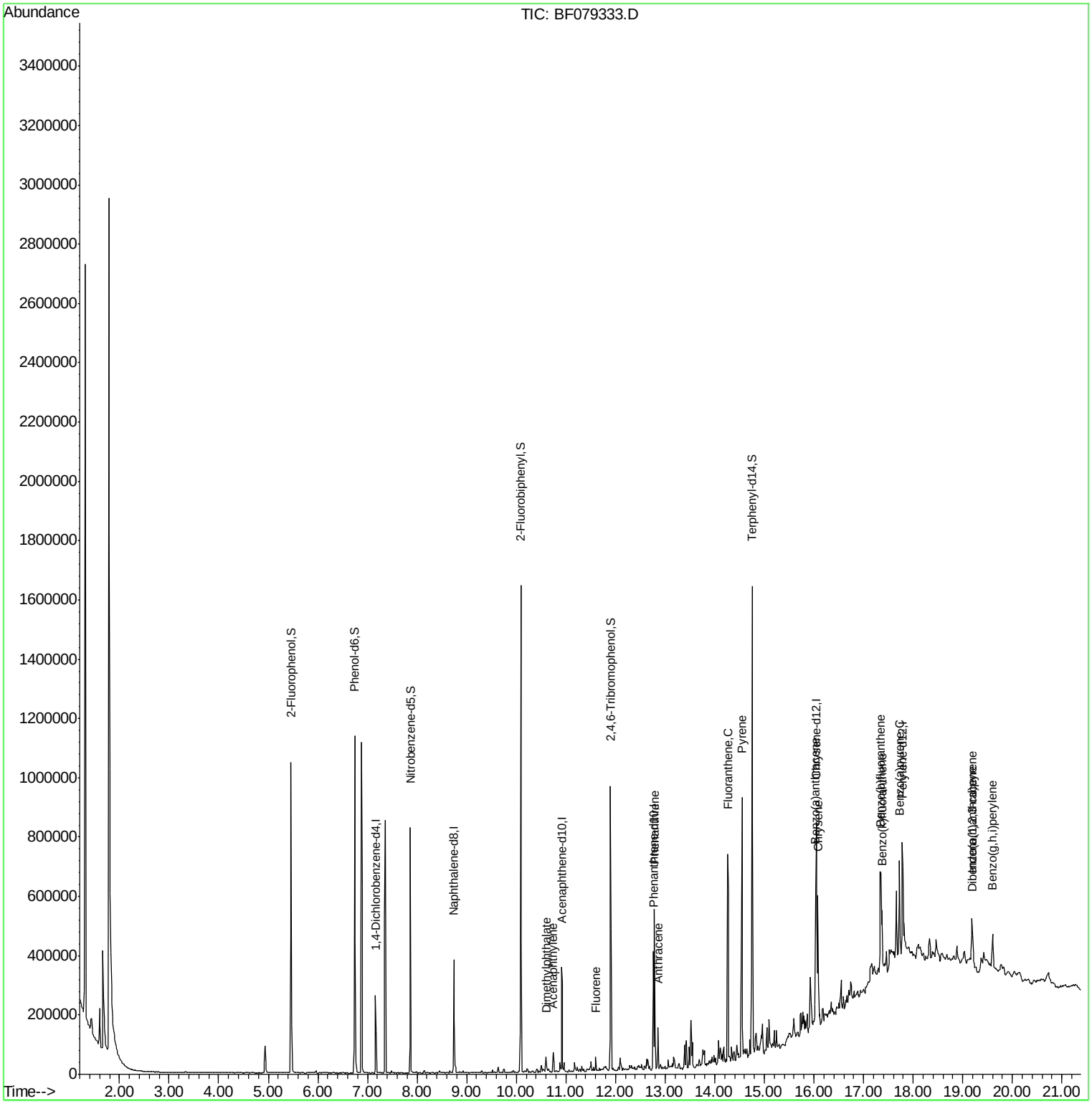
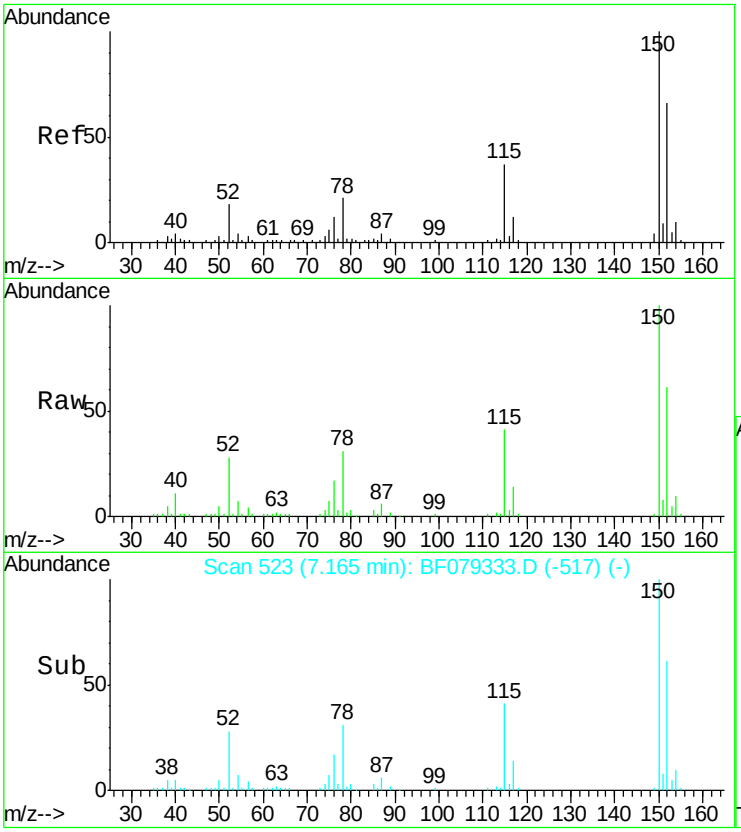
QLast Update : Tue May 19 06:58:14 2015
Response via : Initial Calibration



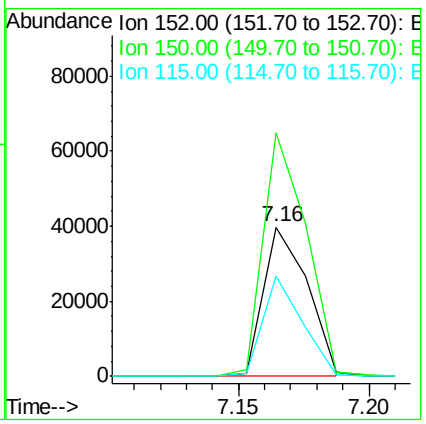


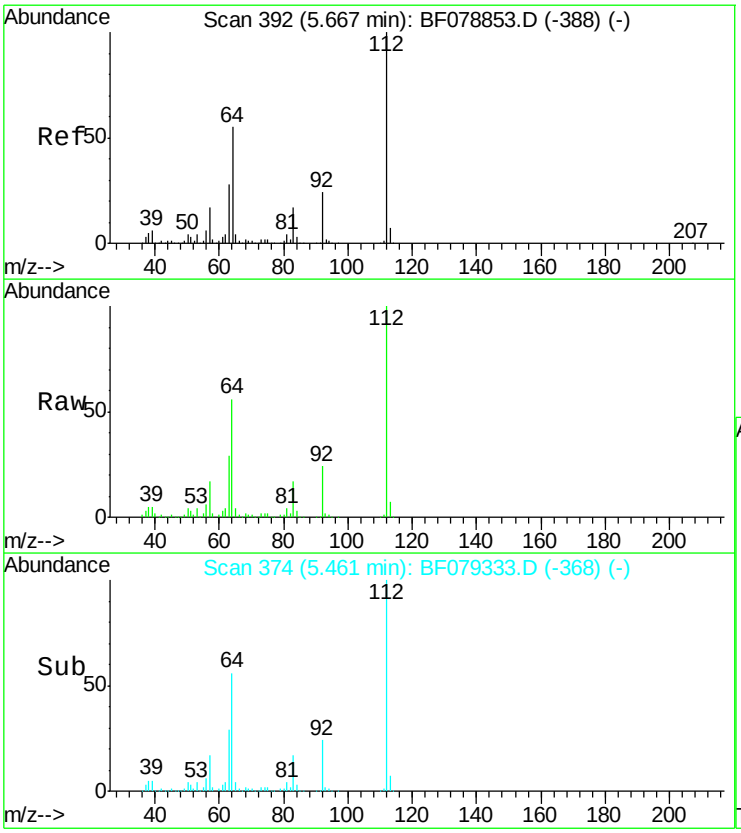
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.16 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF079333.D
Acq: 19 May 2015 5:24

Instrument :
BNA_F
ClientSampleId :
SB-14

Tgt Ion:152 Resp: 46929

Ion	Ratio	Lower	Upper
152	100		
150	163.0	123.8	185.8
115	66.8	49.4	74.0

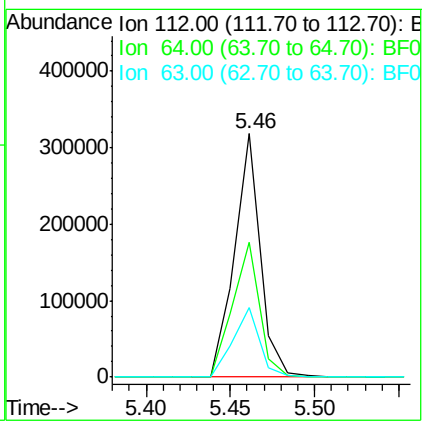


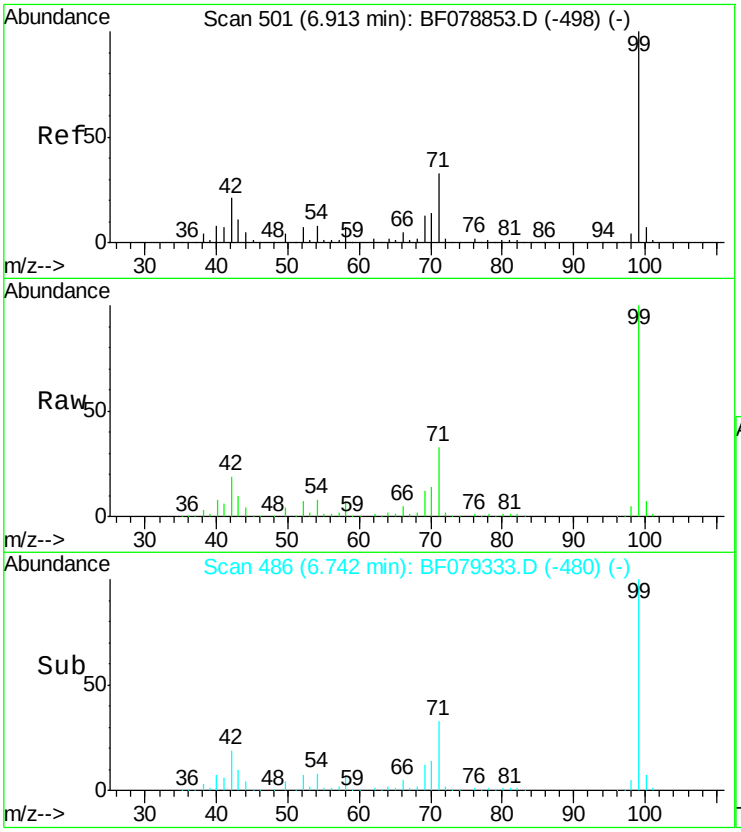


#5
2-Fluorophenol
Concen: 125.80 ng m
RT: 5.46 min Scan# 374
Delta R.T. 0.01 min
Lab File: BF079333.D
Acq: 19 May 2015 5:24

Tgt Ion:112 Resp: 342971

Ion	Ratio	Lower	Upper
112	100		
64	55.6	44.2	66.2
63	28.5	22.7	34.1



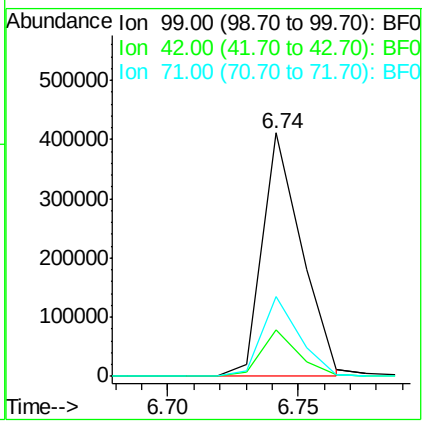


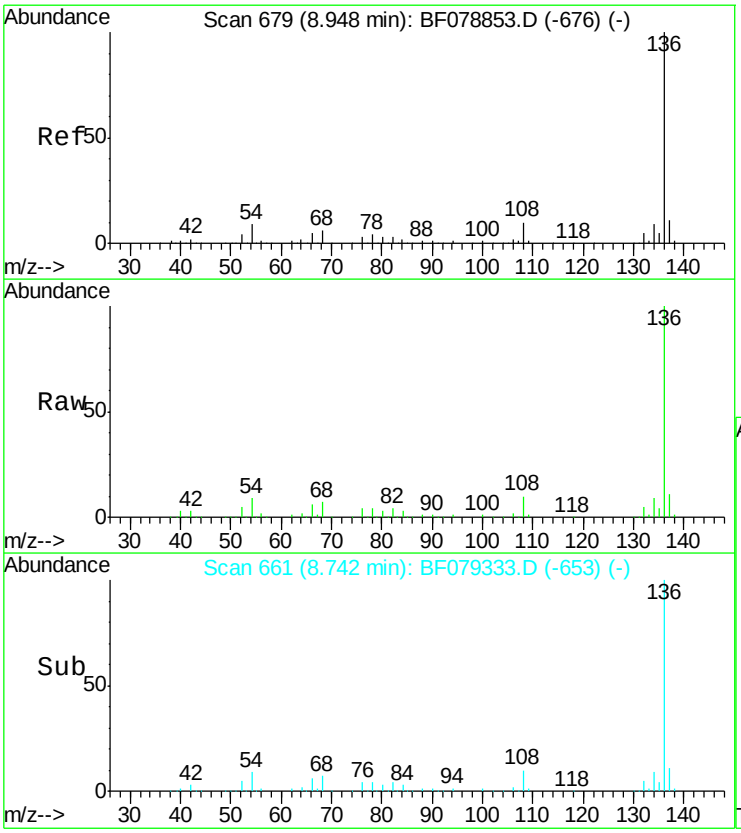
#7
Phenol-d6
Concen: 118.75 ng
RT: 6.74 min Scan# 486
Delta R.T. -0.00 min
Lab File: BF079333.D
Acq: 19 May 2015 5:24

Instrument :
BNA_F
ClientSampleId :
SB-14

Tgt Ion: 99 Resp: 427921

Ion	Ratio	Lower	Upper
99	100		
42	19.0	17.1	25.7
71	32.8	26.3	39.5

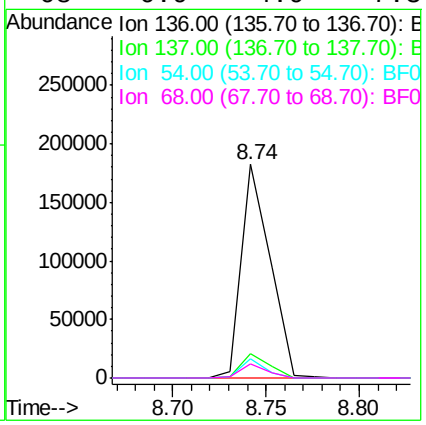


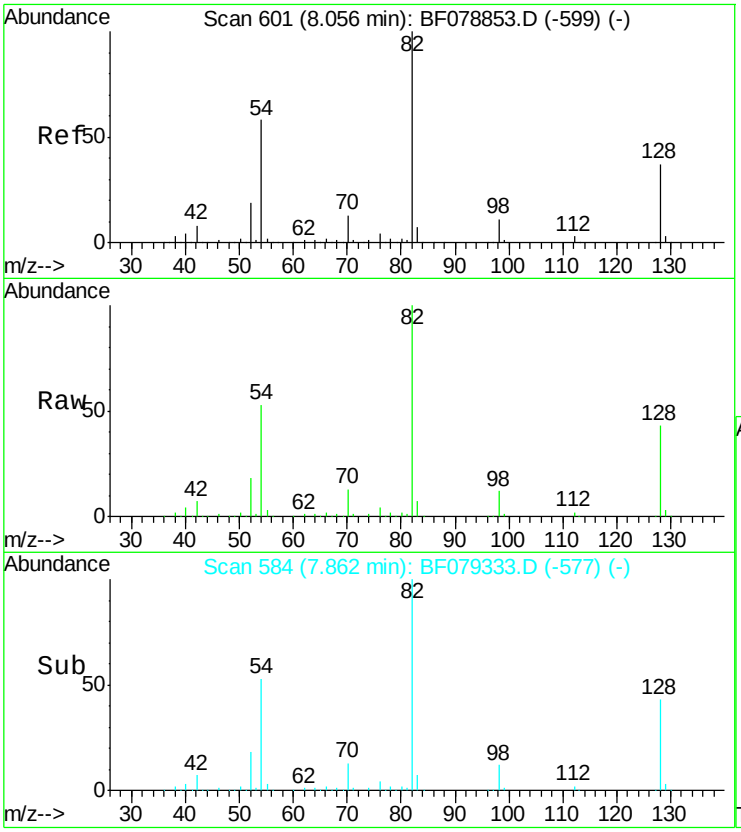


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF079333.D
Acq: 19 May 2015 5:24

Tgt Ion:136 Resp: 195647

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	9.2	6.9	10.3
68	6.9	4.9	7.3



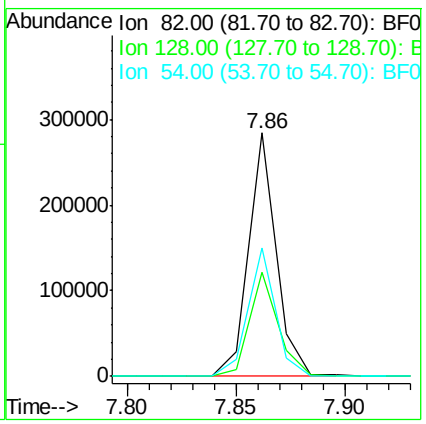


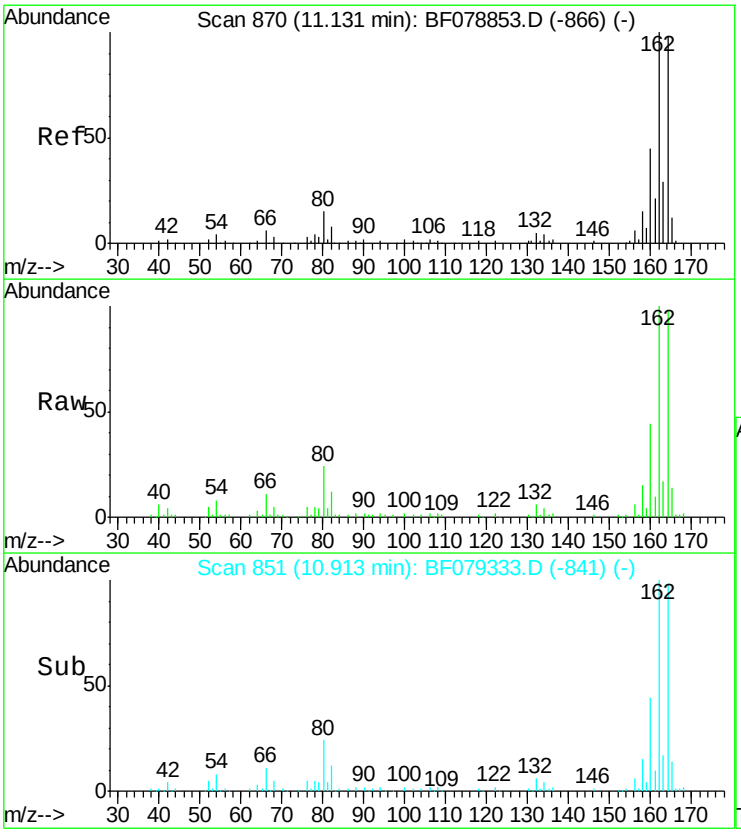
#23
Nitrobenzene-d5
Concen: 74.02 ng
RT: 7.86 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF079333.D
Acq: 19 May 2015 5:24

Instrument :
BNA_F
ClientSampleId :
SB-14

Tgt Ion: 82 Resp: 251990

Ion	Ratio	Lower	Upper
82	100		
128	42.5	29.7	44.5
54	52.8	46.2	69.4

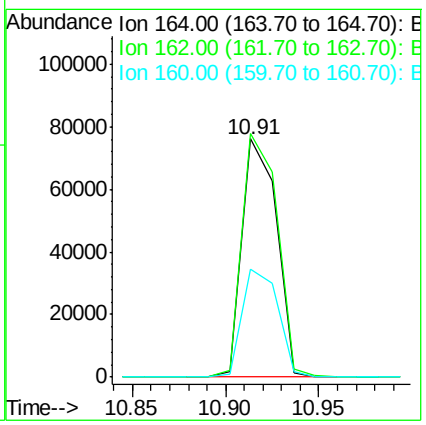


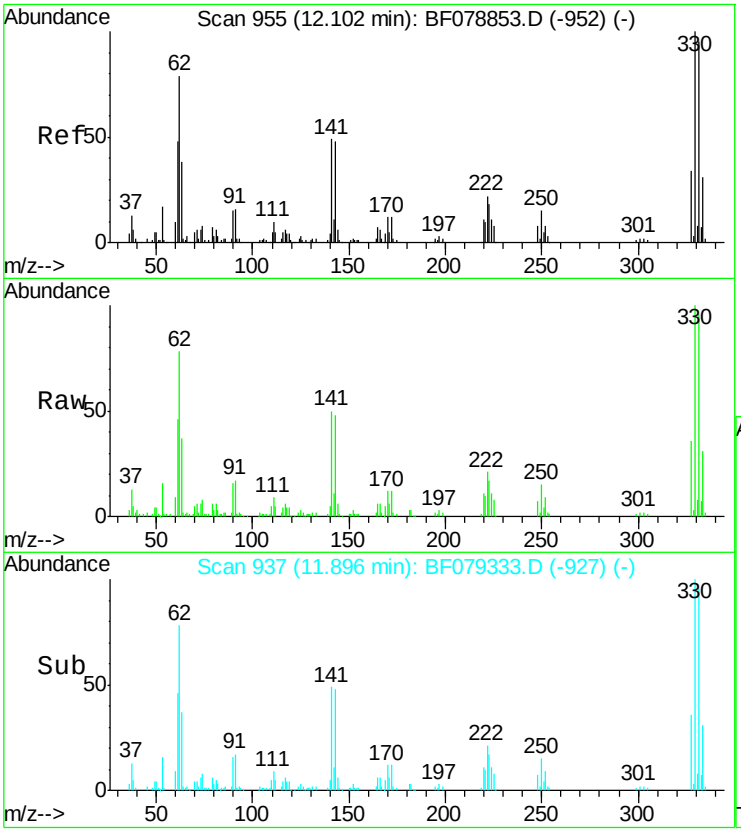


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF079333.D
Acq: 19 May 2015 5:24

Tgt Ion:164 Resp: 97448

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.4	122.0
160	45.1	36.6	54.8



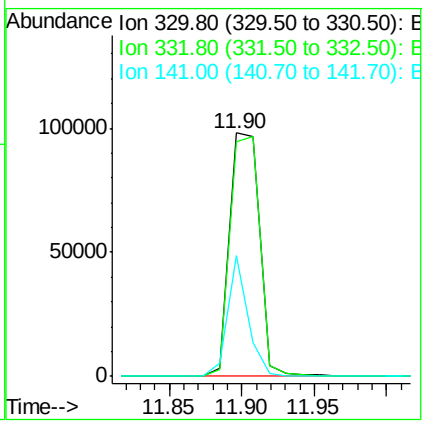


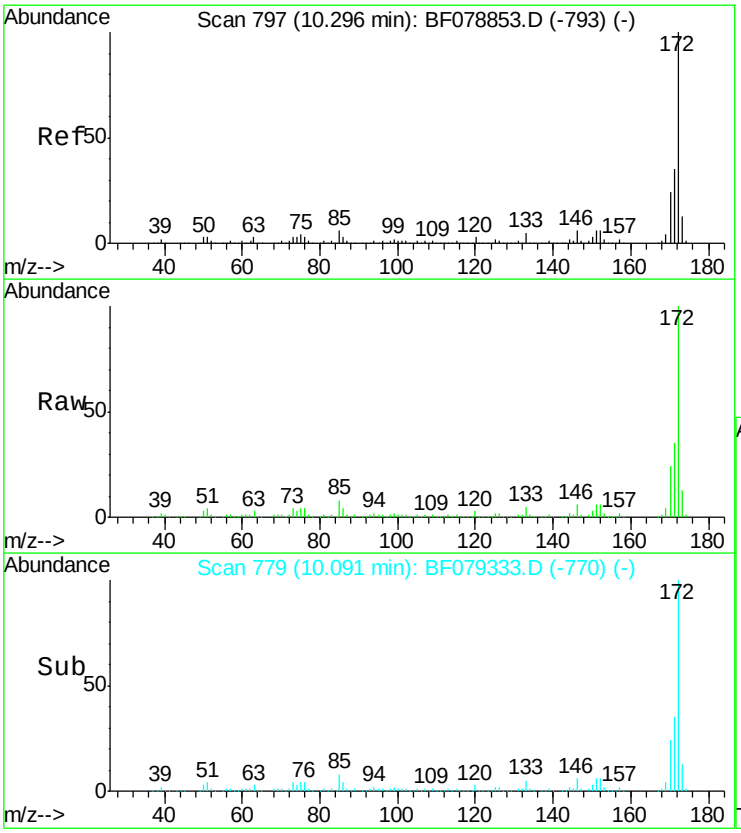
#41
2,4,6-Tribromophenol
Concen: 133.40 ng
RT: 11.90 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF079333.D
Acq: 19 May 2015 5:24

Instrument :
BNA_F
ClientSampleId :
SB-14

Tgt Ion:330 Resp: 140630

Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.9	115.3
141	34.1	27.8	41.8

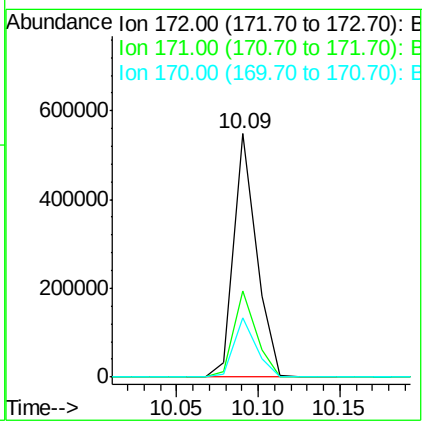


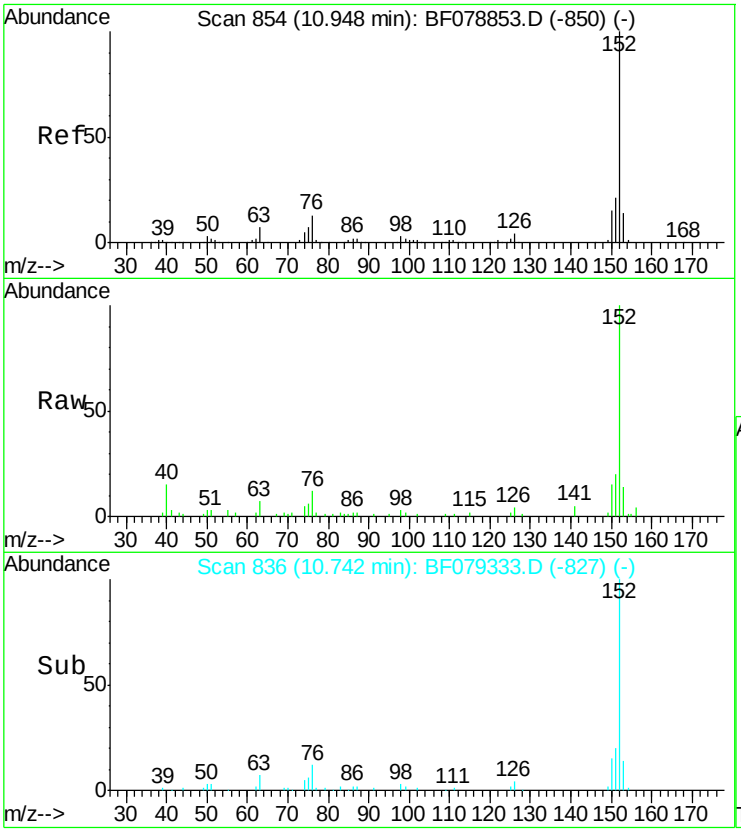


#44
2-Fluorobiphenyl
Concen: 75.26 ng
RT: 10.09 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF079333.D
Acq: 19 May 2015 5:24

Tgt Ion:172 Resp: 526427

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.3	42.5
170	24.2	19.4	29.2



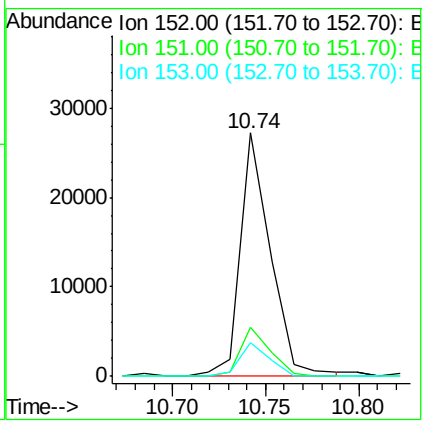


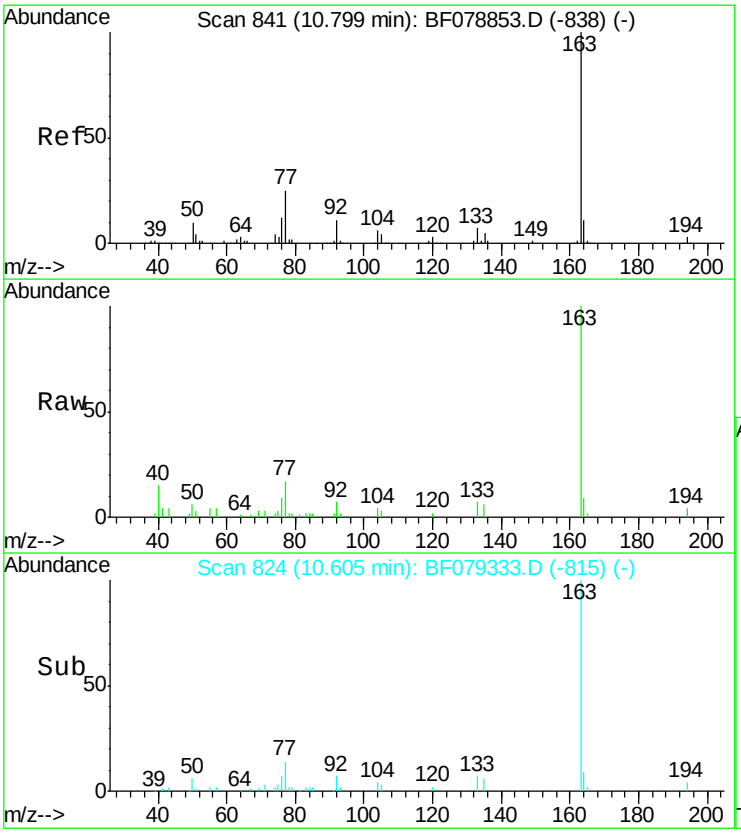
#48
Acenaphthylene
Concen: 3.10 ng
RT: 10.74 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF079333.D
Acq: 19 May 2015 5:24

Instrument :
BNA_F
ClientSampleId :
SB-14

Tgt Ion:152 Resp: 30711

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.6	24.8
153	13.8	11.0	16.6

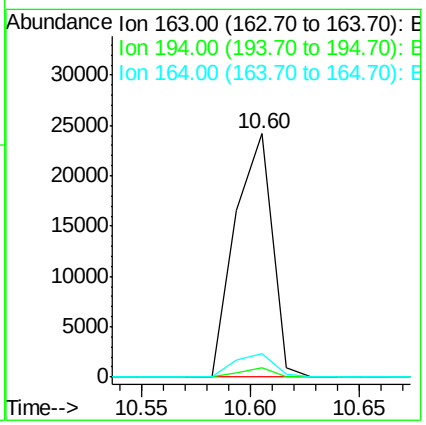


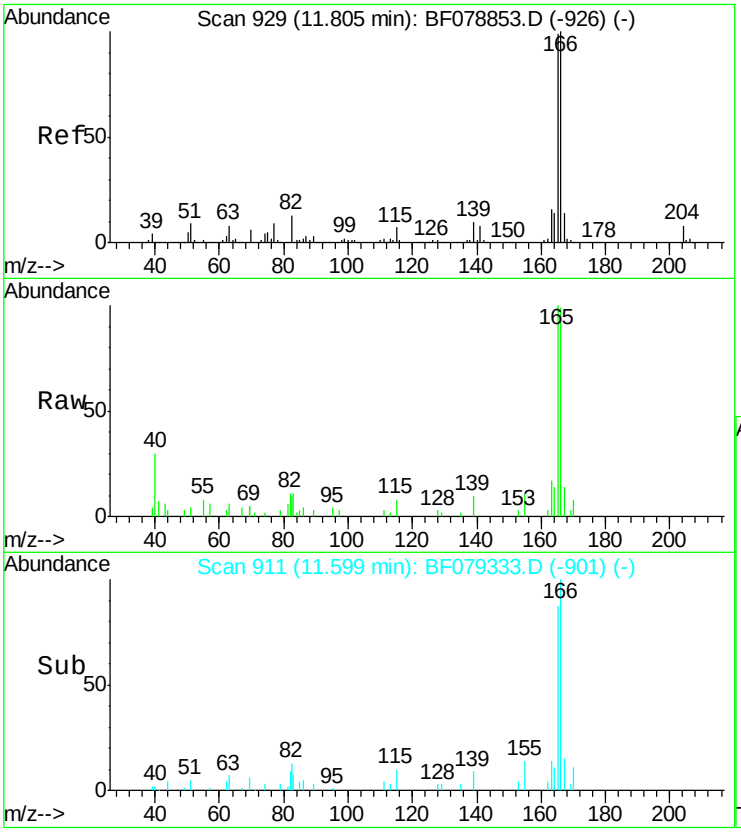


#49
Dimethylphthalate
Concen: 3.99 ng
RT: 10.60 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF079333.D
Acq: 19 May 2015 5:24

Tgt Ion:163 Resp: 28566

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.4	3.6#
164	9.4	8.6	12.8



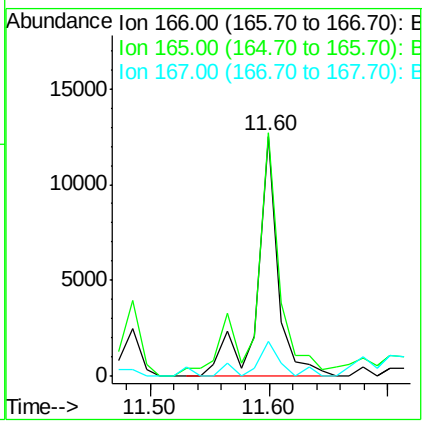


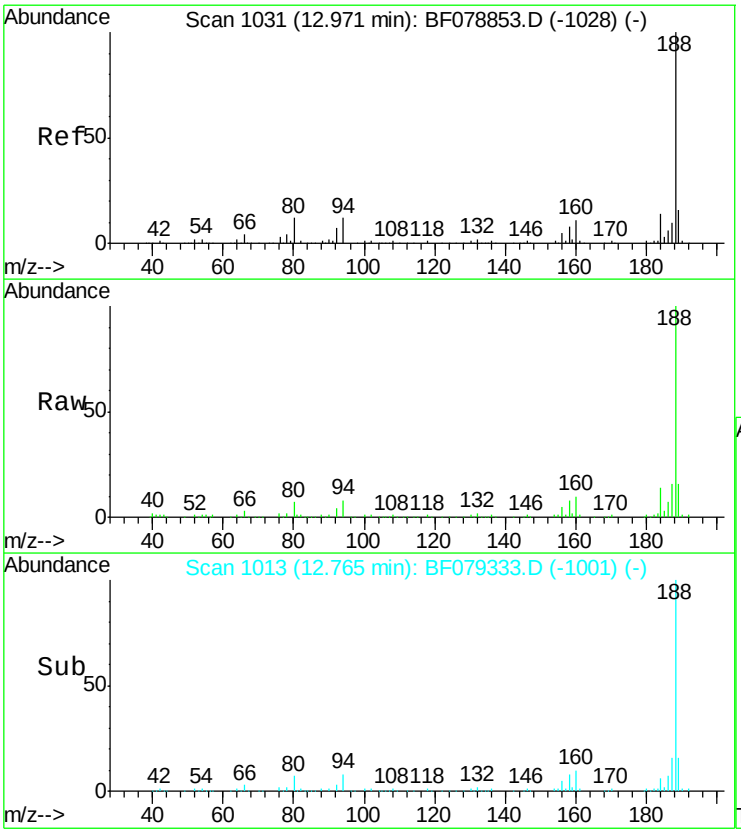
#57
Fluorene
Concen: 2.20 ng
RT: 11.60 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF079333.D
Acq: 19 May 2015 5:24

Instrument :
BNA_F
ClientSampleId :
SB-14

Tgt Ion:166 Resp: 15456

Ion	Ratio	Lower	Upper
166	100		
165	101.4	79.5	119.3
167	14.5	11.0	16.6

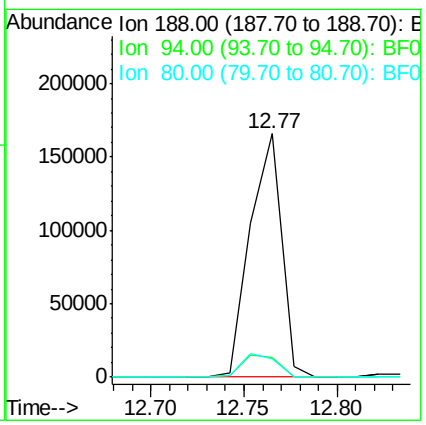


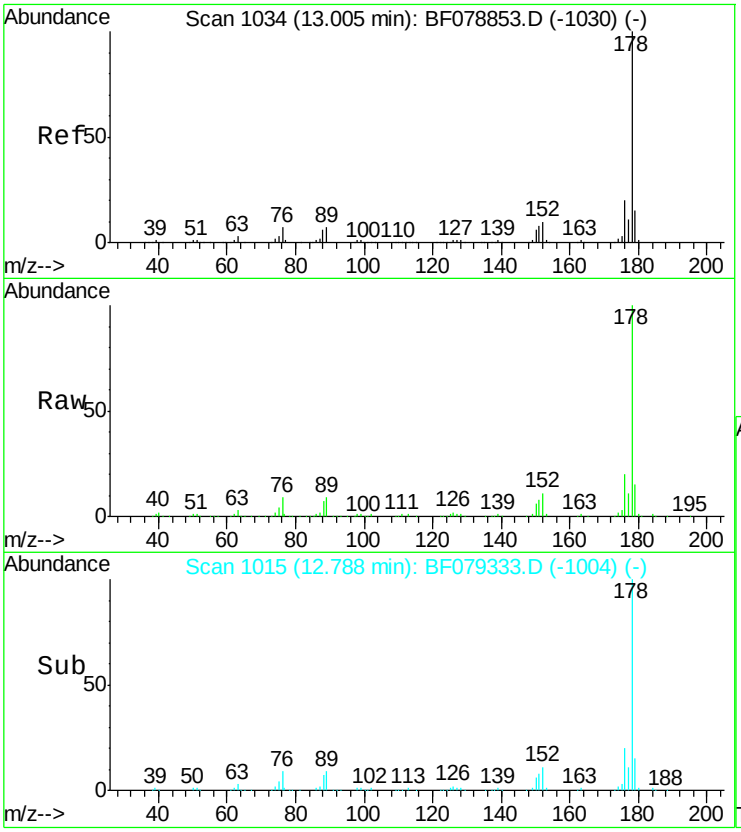


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.77 min Scan# 1013
Delta R.T. 0.01 min
Lab File: BF079333.D
Acq: 19 May 2015 5:24

Tgt Ion:188 Resp: 192307

Ion	Ratio	Lower	Upper
188	100		
94	7.9	9.4	14.0#
80	7.4	9.8	14.6#



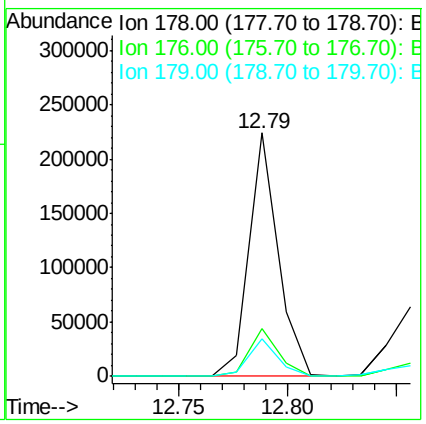


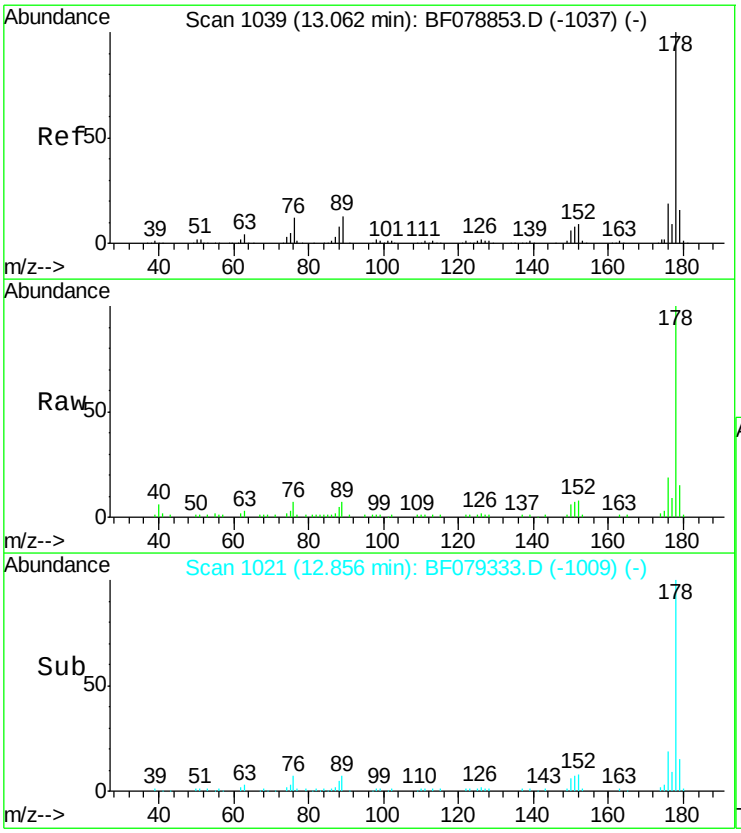
#70
Phenanthrene
Concen: 19.42 ng
RT: 12.79 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF079333.D
Acq: 19 May 2015 5:24

Instrument :
BNA_F
ClientSampleId :
SB-14

Tgt Ion:178 Resp: 208946

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.9	23.9
179	15.2	12.2	18.4

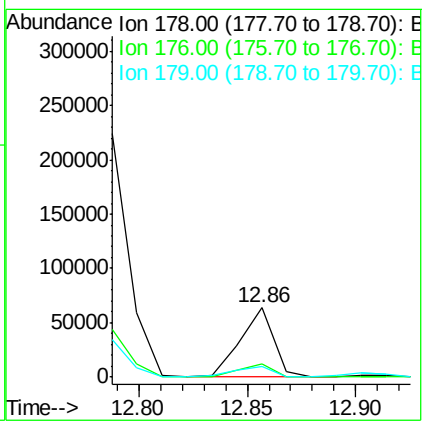


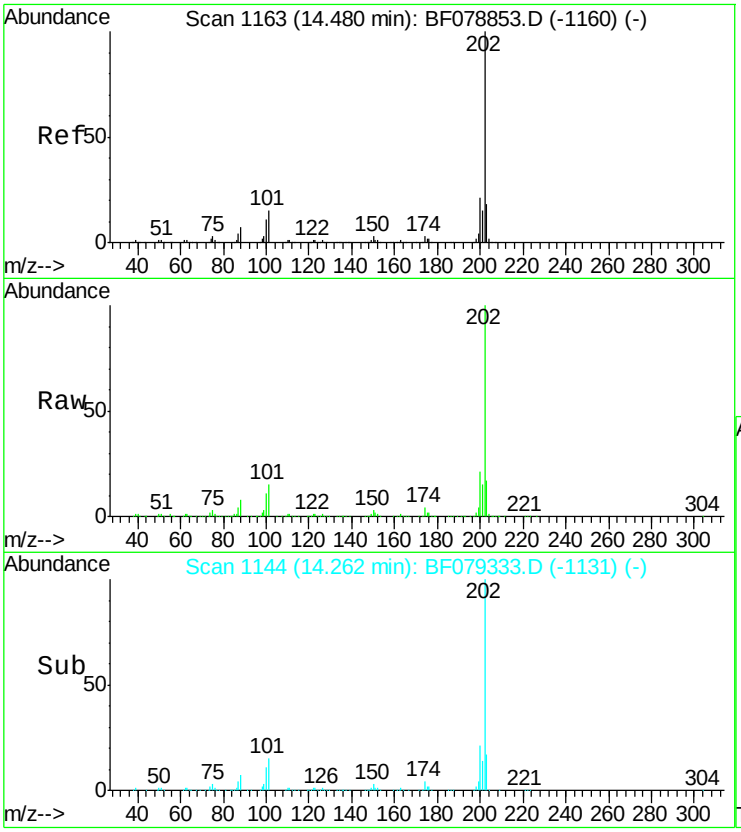


#71
Anthracene
Concen: 6.23 ng
RT: 12.86 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF079333.D
Acq: 19 May 2015 5:24

Tgt Ion:178 Resp: 65774

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.2	12.6	19.0



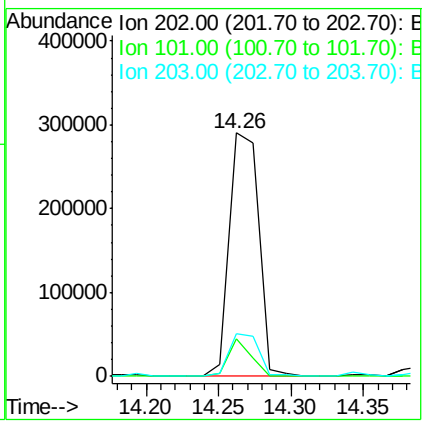


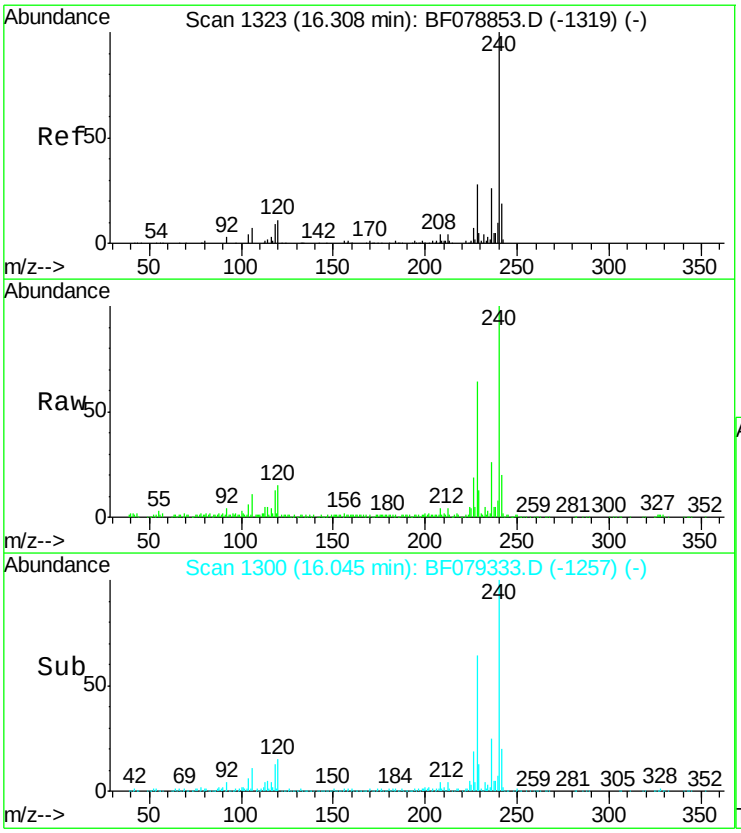
#74
Fluoranthene
Concen: 36.30 ng
RT: 14.26 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BF079333.D
Acq: 19 May 2015 5:24

Instrument :
BNA_F
ClientSampleId :
SB-14

Tgt Ion:202 Resp: 406938

Ion	Ratio	Lower	Upper
202	100		
101	15.3	0.0	34.7
203	17.3	0.0	37.9

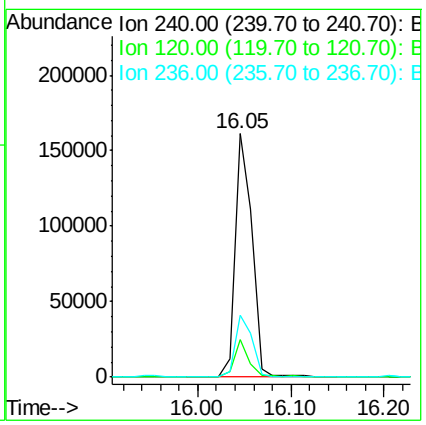


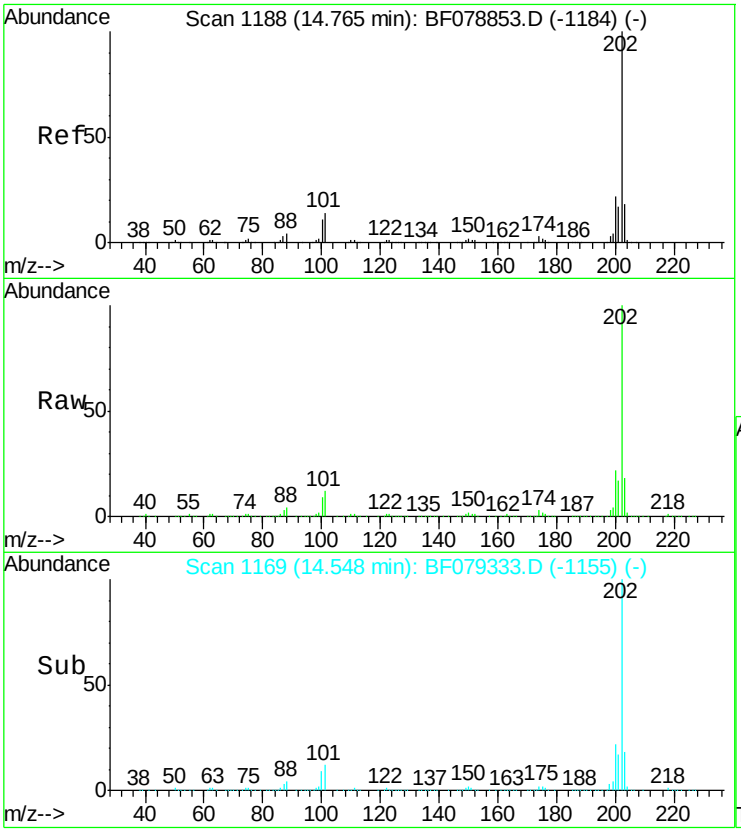


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.05 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF079333.D
Acq: 19 May 2015 5:24

Tgt Ion:240 Resp: 203439

Ion	Ratio	Lower	Upper
240	100		
120	15.2	8.6	12.8#
236	25.5	21.0	31.6



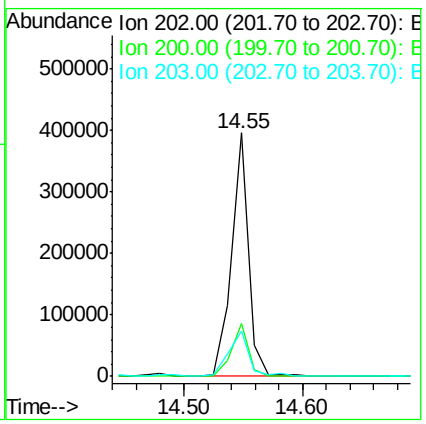


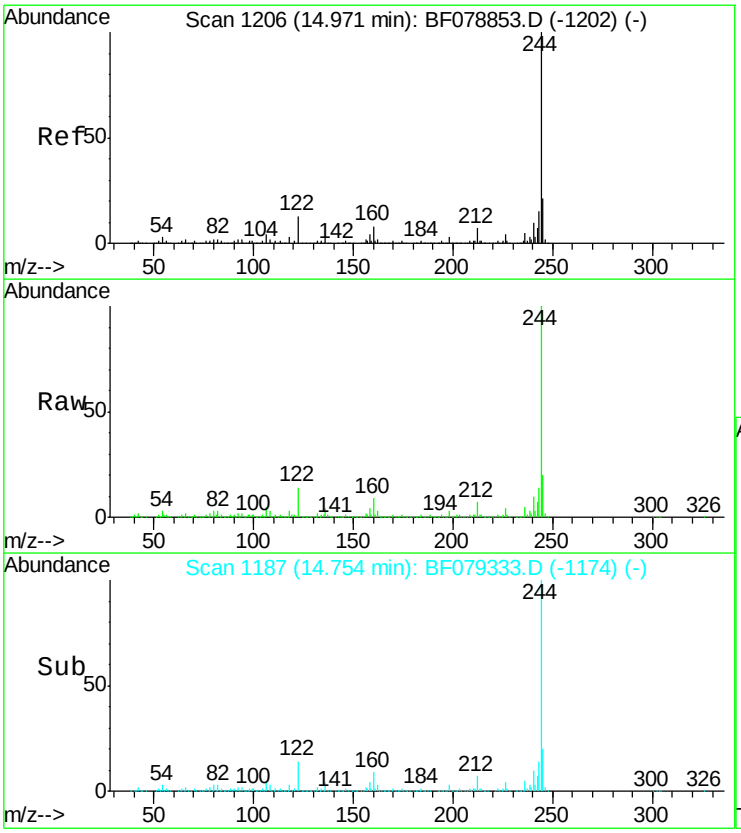
#77
Pyrene
Concen: 33.27 ng
RT: 14.55 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BF079333.D
Acq: 19 May 2015 5:24

Instrument :
BNA_F
ClientSampleId :
SB-14

Tgt Ion:202 Resp: 390063

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.5	26.3
203	18.4	14.7	22.1

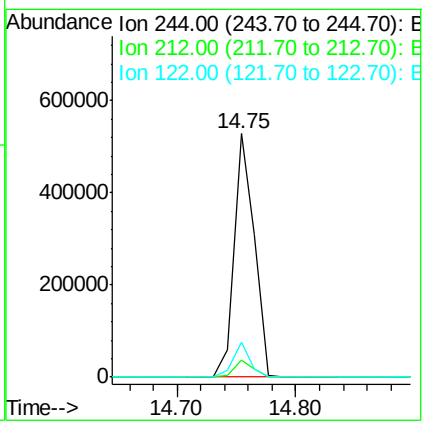


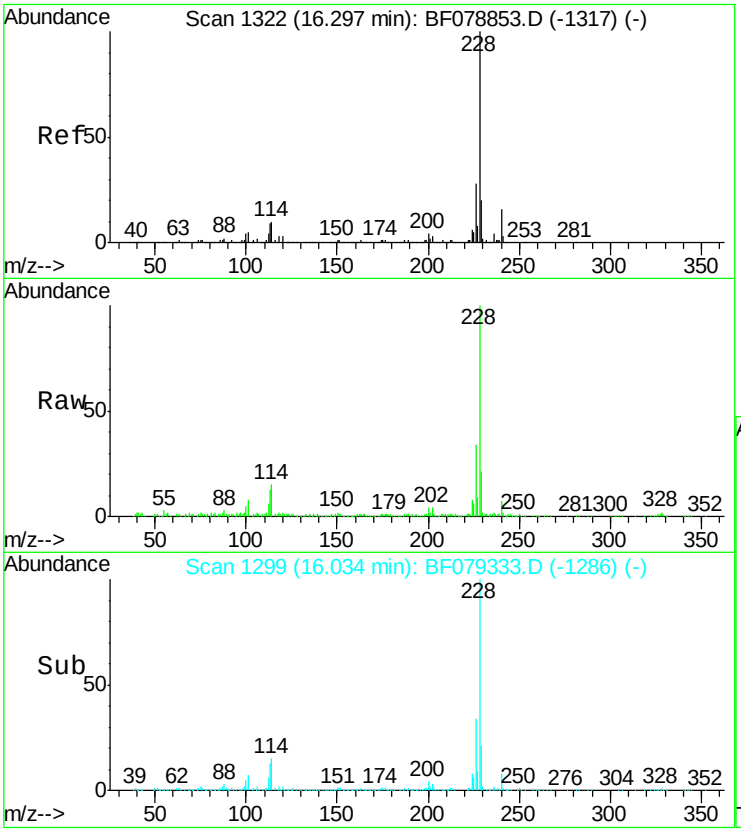


#78
Terphenyl-d14
Concen: 73.04 ng
RT: 14.75 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BF079333.D
Acq: 19 May 2015 5:24

Tgt Ion:244 Resp: 620665

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	14.4	10.5	15.7



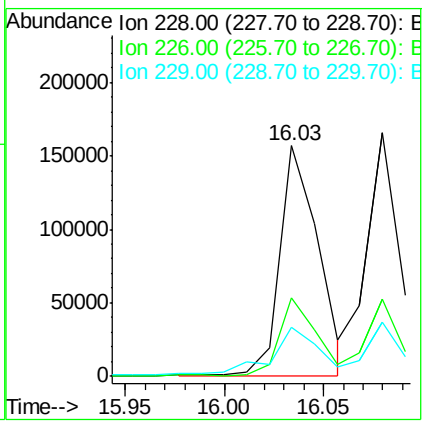


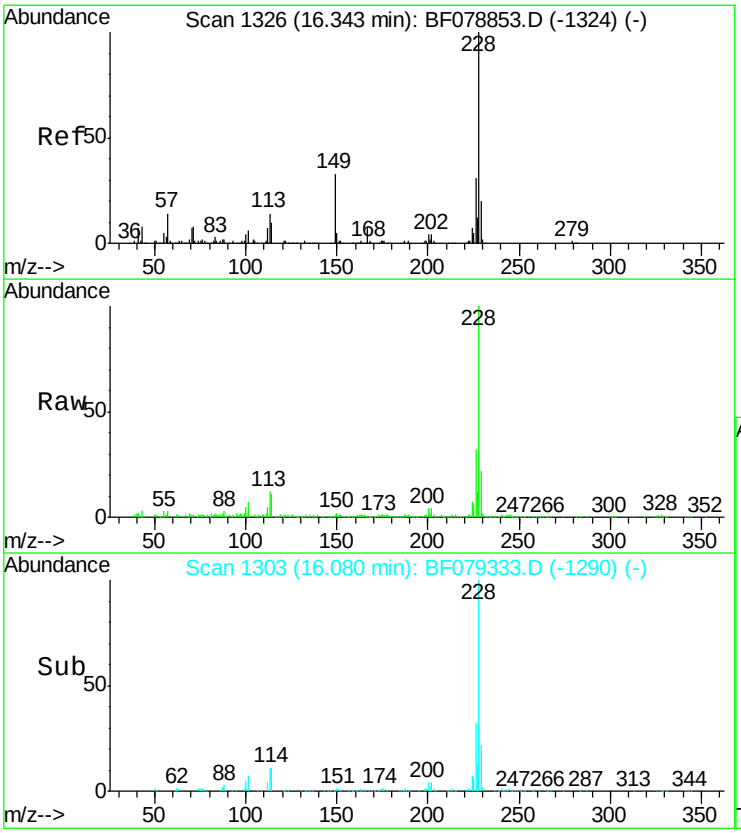
#80
Benzo(a)anthracene
Concen: 19.01 ng m
RT: 16.03 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF079333.D
Acq: 19 May 2015 5:24

Instrument :
BNA_F
ClientSampleId :
SB-14

Tgt Ion:228 Resp: 211732

Ion	Ratio	Lower	Upper
228	100		
226	33.8	22.3	33.5#
229	21.2	16.1	24.1

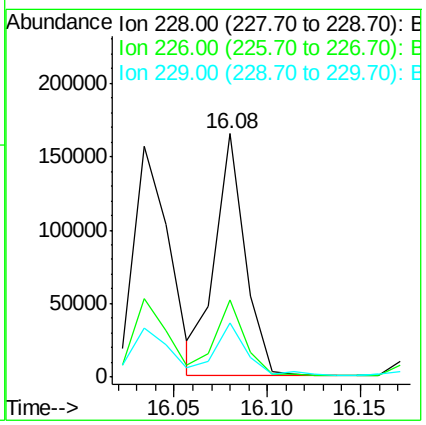


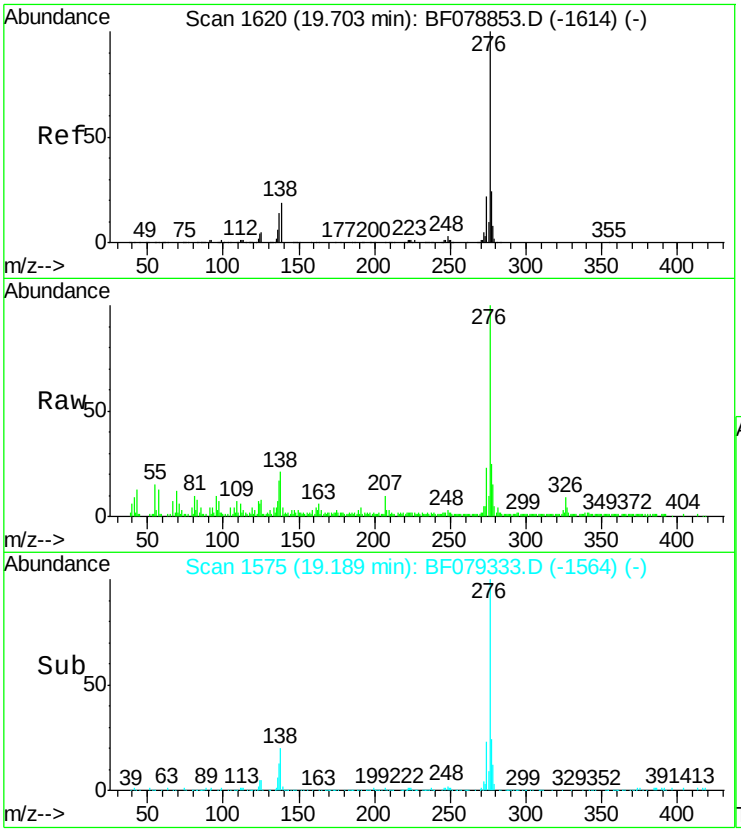


#82
Chrysene
Concen: 17.32 ng
RT: 16.08 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF079333.D
Acq: 19 May 2015 5:24

Tgt Ion:228 Resp: 185560

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.8	37.2
229	22.3	16.1	24.1



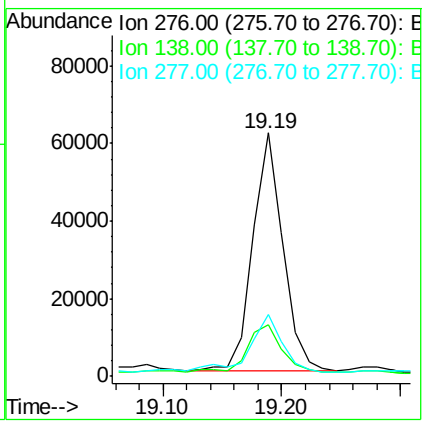


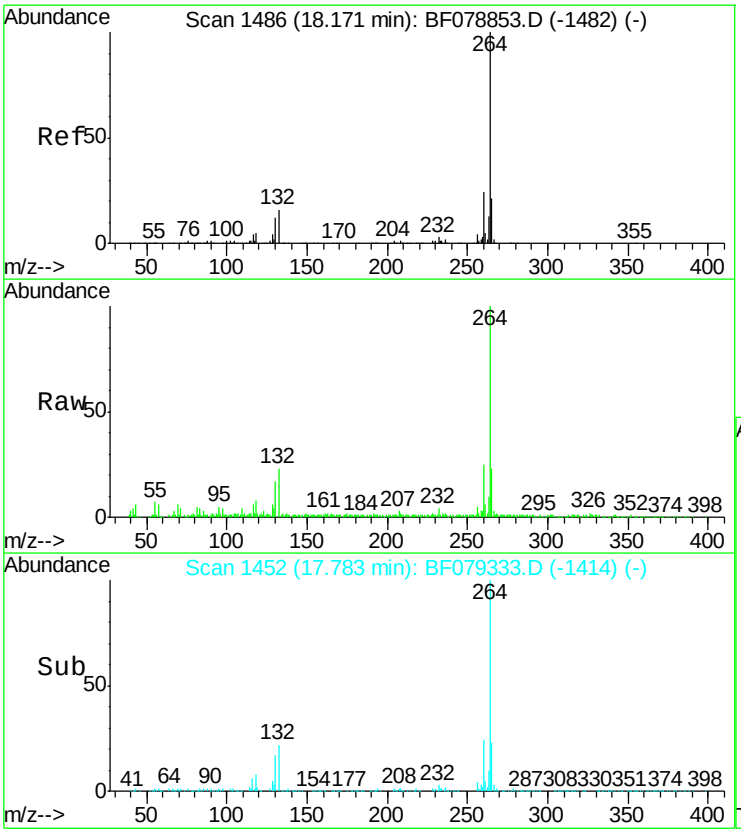
#85
Indeno(1,2,3-cd)pyrene
Concen: 7.97 ng
RT: 19.19 min Scan# 1575
Delta R.T. -0.08 min
Lab File: BF079333.D
Acq: 19 May 2015 5:24

Instrument :
BNA_F
ClientSampleId :
SB-14

Tgt Ion:276 Resp: 108842

Ion	Ratio	Lower	Upper
276	100		
138	22.6	21.1	31.7
277	28.6	19.9	29.9

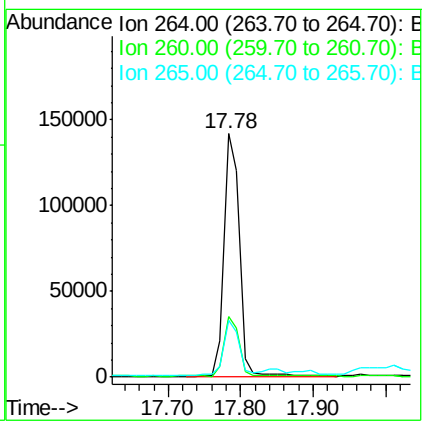


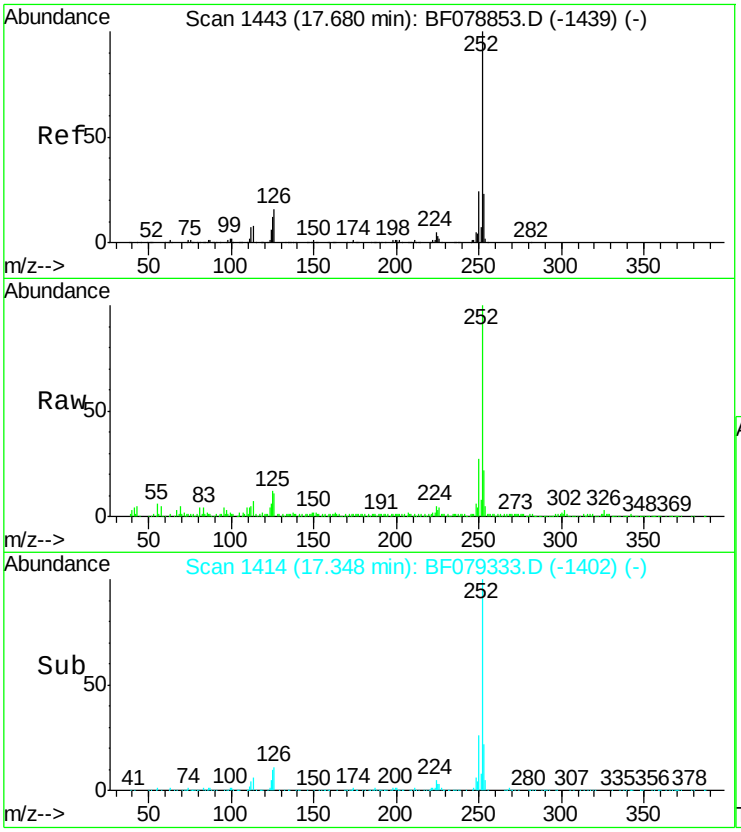


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.78 min Scan# 1452
Delta R.T. -0.07 min
Lab File: BF079333.D
Acq: 19 May 2015 5:24

Tgt Ion:264 Resp: 208120

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	23.3	17.2	25.8



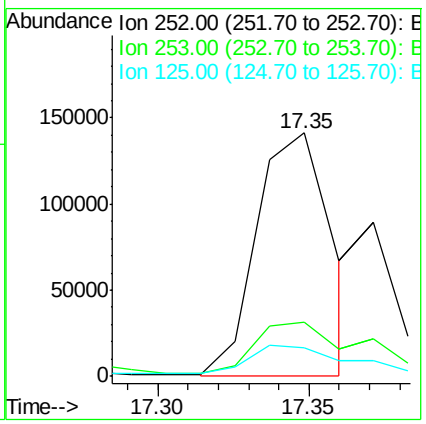


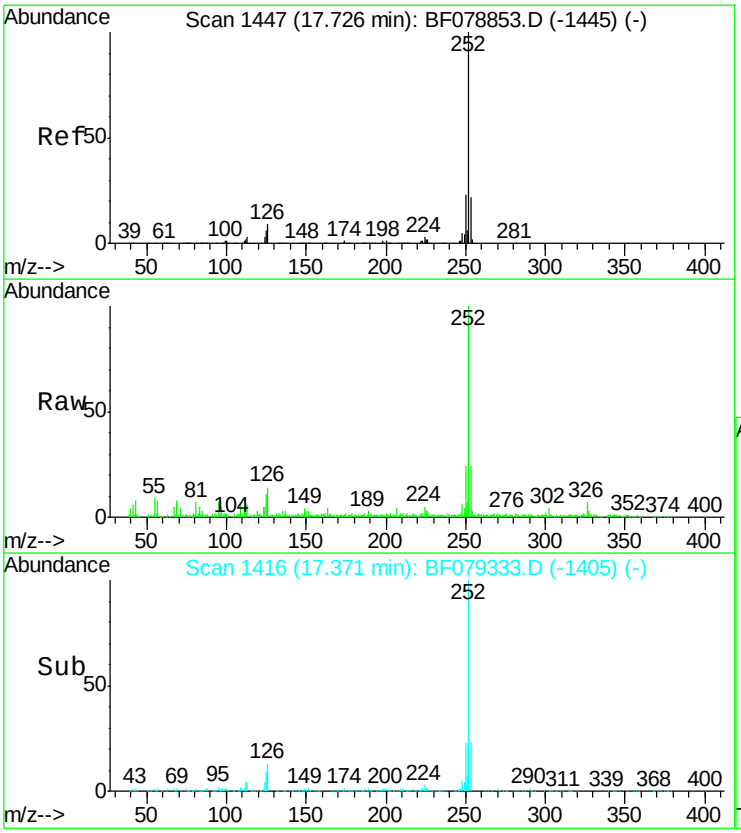
#87
Benzo(b)fluoranthene
Concen: 21.33 ng m
RT: 17.35 min Scan# 1414
Delta R.T. -0.05 min
Lab File: BF079333.D
Acq: 19 May 2015 5:24

Instrument :
BNA_F
ClientSampleId :
SB-14

Tgt Ion:252 Resp: 243008

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	11.6	9.4	14.2

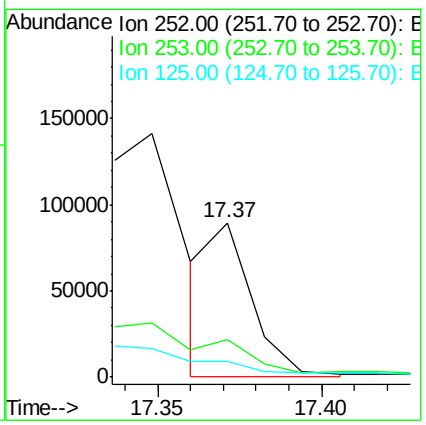


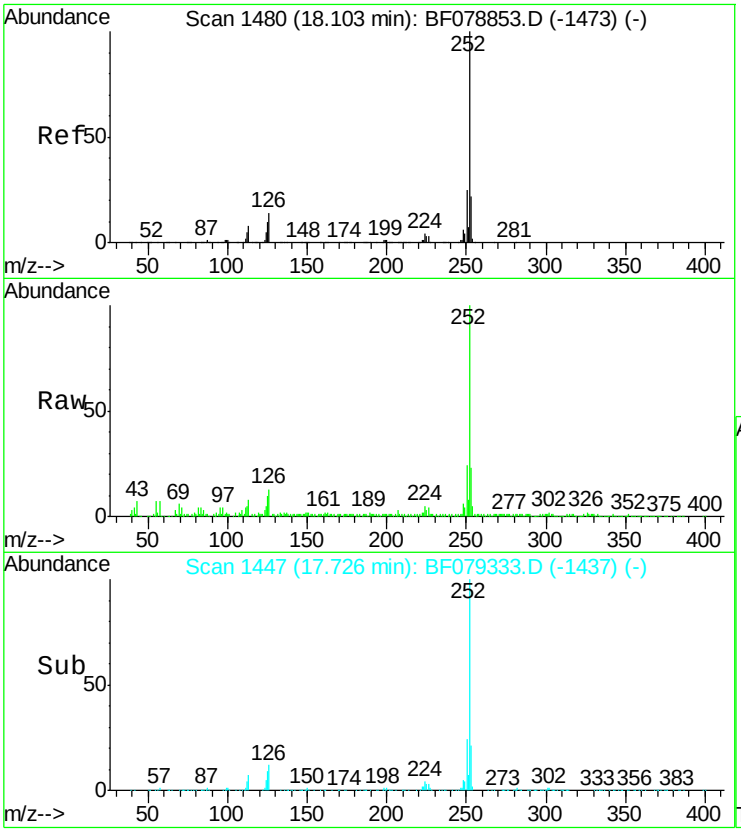


#88
Benzo(k)fluoranthene
Concen: 7.33 ng m
RT: 17.37 min Scan# 1416
Delta R.T. -0.06 min
Lab File: BF079333.D
Acq: 19 May 2015 5:24

Tgt Ion:252 Resp: 80816

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.4	26.0
125	10.6	6.1	9.1#



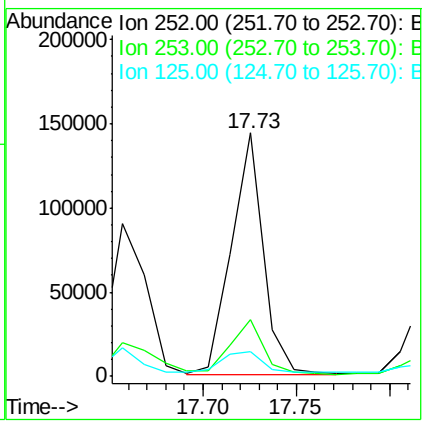


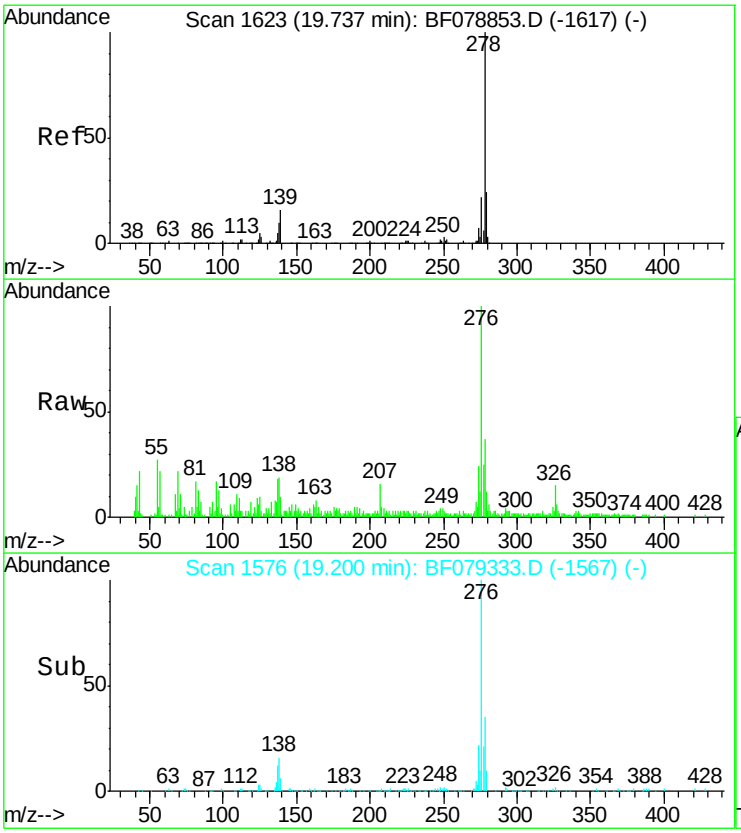
#89
Benzo(a)pyrene
Concen: 16.40 ng
RT: 17.73 min Scan# 1447
Delta R.T. -0.07 min
Lab File: BF079333.D
Acq: 19 May 2015 5:24

Instrument :
BNA_F
ClientSampleId :
SB-14

Tgt Ion:252 Resp: 171992

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	10.2	8.2	12.2

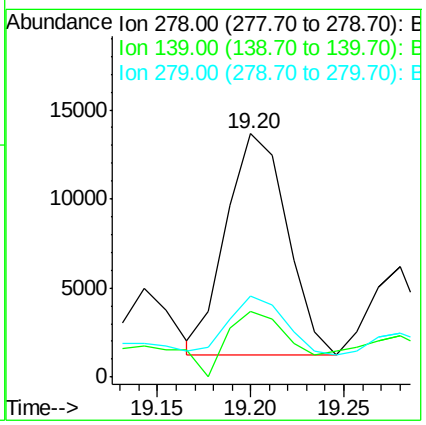


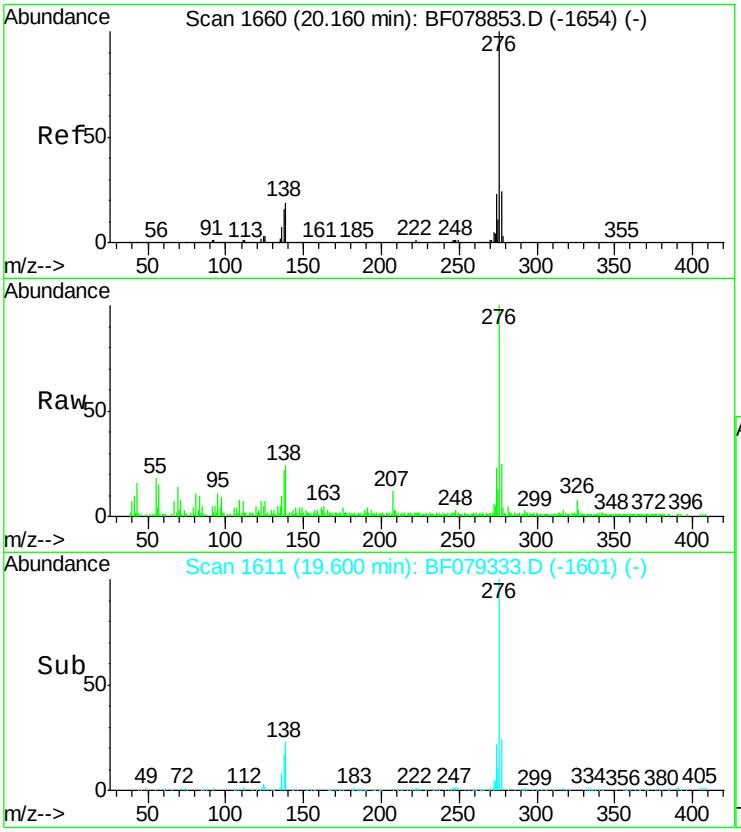


#90
Dibenzo(a,h)anthracene
Concen: 2.51 ng
RT: 19.20 min Scan# 1576
Delta R.T. -0.10 min
Lab File: BF079333.D
Acq: 19 May 2015 5:24

Tgt Ion:278 Resp: 28008

Ion	Ratio	Lower	Upper
278	100		
139	27.0	13.1	19.7#
279	33.3	19.1	28.7#





#91
Benzo(g,h,i)perylene
Concen: 9.42 ng
RT: 19.60 min Scan# 1611
Delta R.T. -0.09 min
Lab File: BF079333.D
Acq: 19 May 2015 5:24

Instrument :
BNA_F
ClientSampleId :
SB-14

Tgt Ion:276 Resp: 105250

Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.8	28.2
138	24.4	15.2	22.8#