Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052615\
Data File : BF079494.D
Acq On : 27 May 2015 00:58
Operator : TP/IZ
Sample : G2289-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-31S

Quant Time: May 27 02:19:12 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 27 01:32:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	80155	20.00	ng		0.00
21) Naphthalene-d8	8.59	136	331902	20.00	ng		0.00
38) Acenaphthene-d10	10.77	164	166384	20.00	ng		0.00
63) Phenanthrene-d10	12.61	188	322968	20.00	ng		0.01
75) Chrysene-d12	15.89	240	355122	20.00	ng		0.01
86) Perylene-d12	17.63	264	376387	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	721694	156.17	ng		0.00
7) Phenol-d6	6.62	99	1000724	169.89	ng		0.00
23) Nitrobenzene-d5	7.72	82	560187	97.57	ng		0.01
41) 2,4,6-Tribromophenol	11.75	330	293745	160.73	ng		0.00
44) 2-Fluorobiphenyl	9.94	172	1035997	88.83	ng		0.00
78) Terphenyl-d14	14.59	244	1295535	85.62	ng		0.00
Target Compounds							Qvalue
15) Benzyl Alcohol	7.20	79	9856	2.28	ng	#	41
49) Dimethylphthalate	10.46	163	89670	7.31	ng		99
70) Phenanthrene	12.63	178	264473	14.93	ng		100
71) Anthracene	12.70	178	82717	4.60	ng		99
73) Di-n-butylphthalate	13.36	149	5862	Below Cal		#	77
74) Fluoranthene	14.10	202	513277	27.01	ng		96
77) Pyrene	14.38	202	465397	21.15	ng	#	95
80) Benzo(a)anthracene	15.87	228	260267	12.74	ng		98
82) Chrysene	15.92	228	192074	9.89	ng		98
85) Indeno(1,2,3-cd)pyrene	18.96	276	134635	5.39	ng		96
87) Benzo(b)fluoranthene	17.19	252	359460	16.75	ng		98
88) Benzo(k)fluoranthene	17.19	252	359460	18.73	ng	#	96
89) Benzo(a)pyrene	17.57	252	204068	9.32	ng		98
91) Benzo(g,h,i)perylene	19.35	276	124942	3.69	ng		98

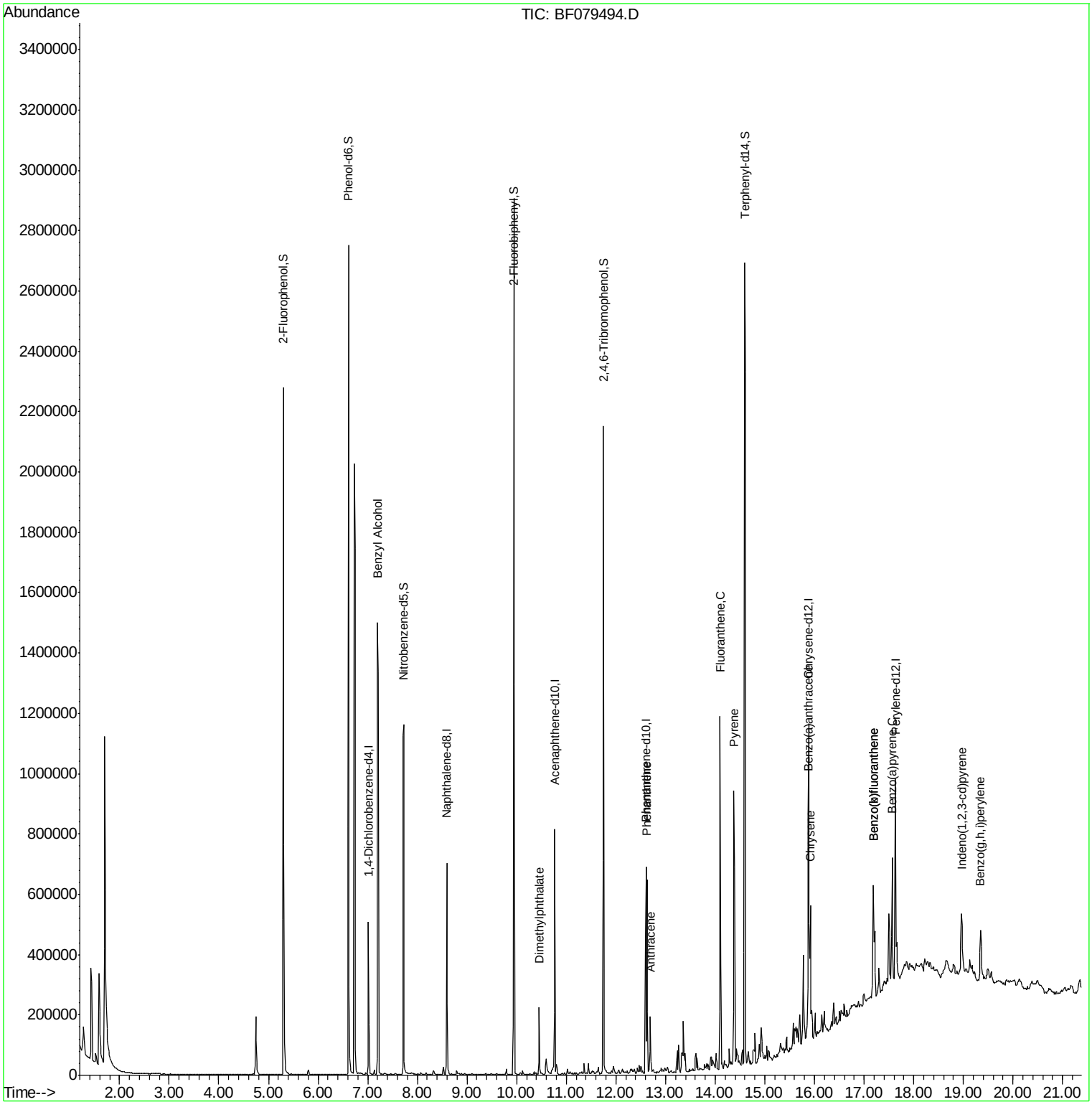
(#) = qualifier out of range (m) = manual integration (+) = signals summed

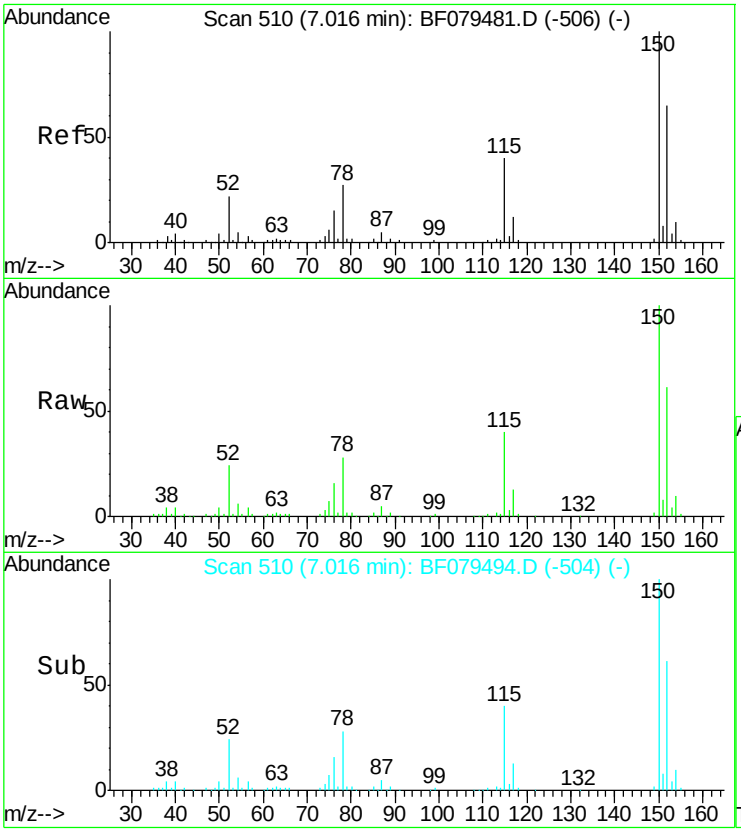
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052615\
Data File : BF079494.D
Acq On : 27 May 2015 00:58
Operator : TP/IZ
Sample : G2289-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-31S

Quant Time: May 27 02:19:12 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 27 01:32:46 2015
Response via : Initial Calibration



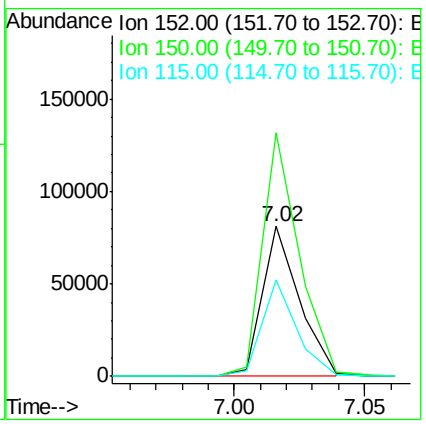


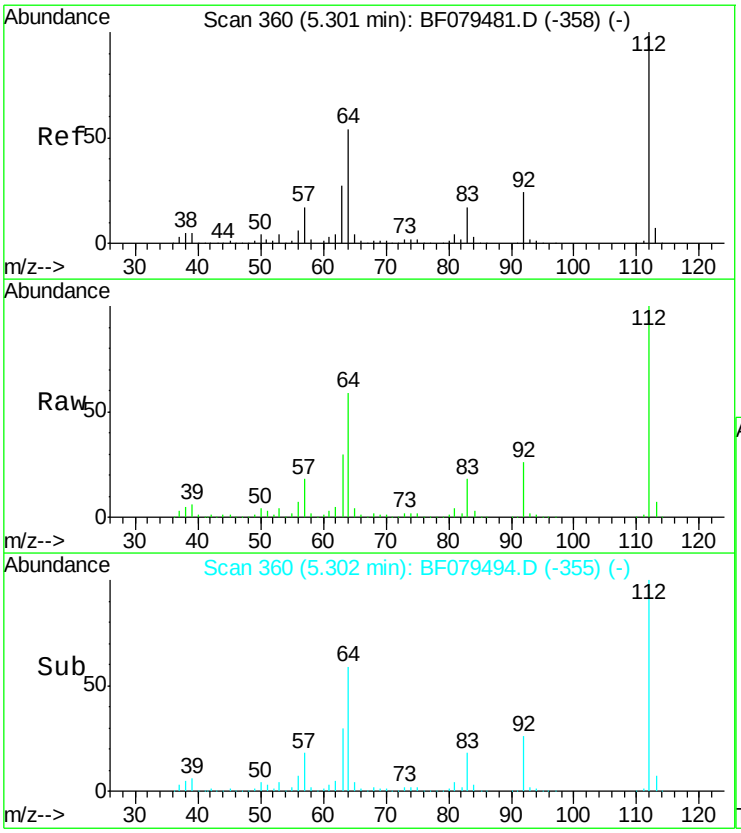
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.02 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF079494.D
Acq: 27 May 2015 00:58

Instrument :
BNA_F
ClientSampleId :
SB-31S

Tgt Ion:152 Resp: 80155

Ion	Ratio	Lower	Upper
152	100		
150	162.8	124.0	186.0
115	64.4	49.6	74.4

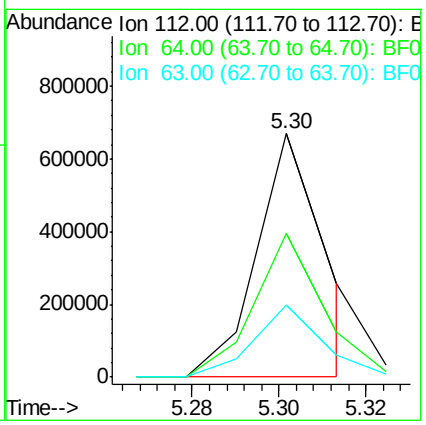


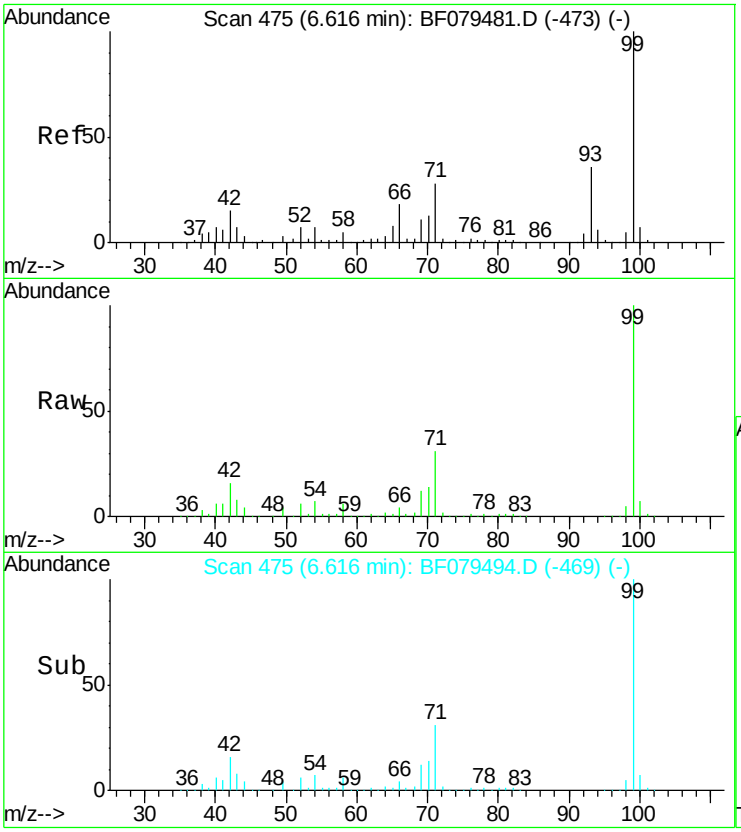


#5
2-Fluorophenol
Concen: 156.17 ng
RT: 5.30 min Scan# 360
Delta R.T. 0.00 min
Lab File: BF079494.D
Acq: 27 May 2015 00:58

Tgt Ion:112 Resp: 721694

Ion	Ratio	Lower	Upper
112	100		
64	59.0	43.5	65.3
63	29.5	21.8	32.8



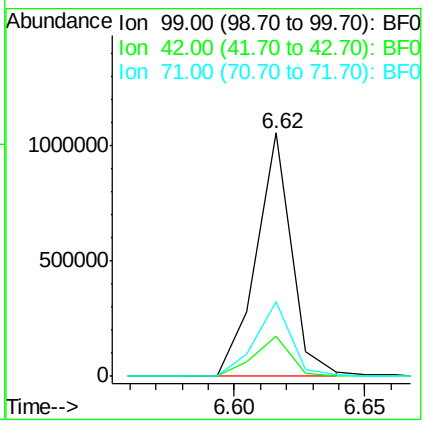


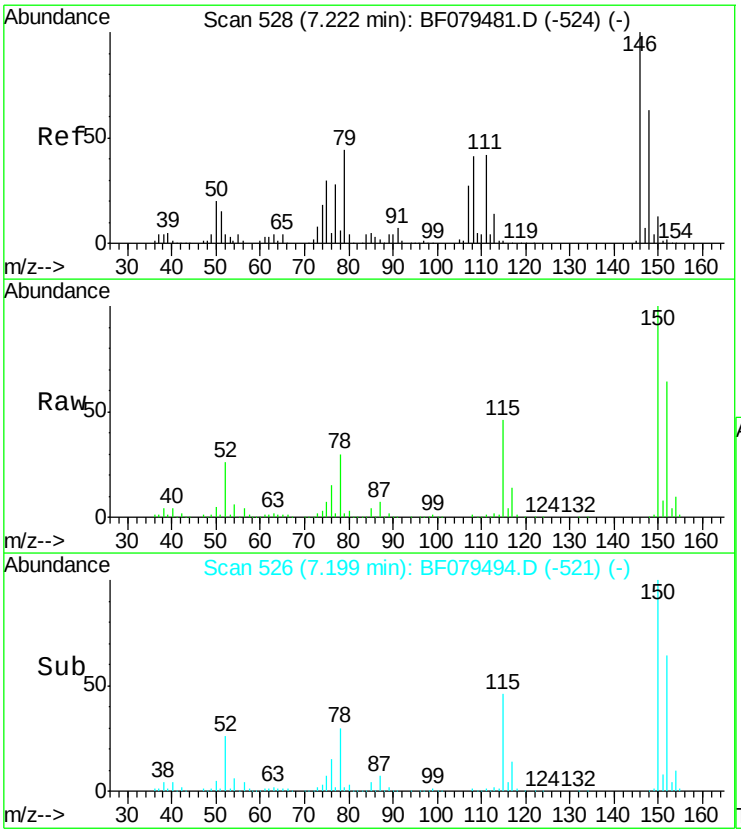
#7
Phenol-d6
Concen: 169.89 ng
RT: 6.62 min Scan# 475
Delta R.T. 0.00 min
Lab File: BF079494.D
Acq: 27 May 2015 00:58

Instrument :
BNA_F
ClientSampleId :
SB-31S

Tgt Ion: 99 Resp: 1000724

Ion	Ratio	Lower	Upper
99	100		
42	16.5	11.9	17.9
71	30.8	22.1	33.1

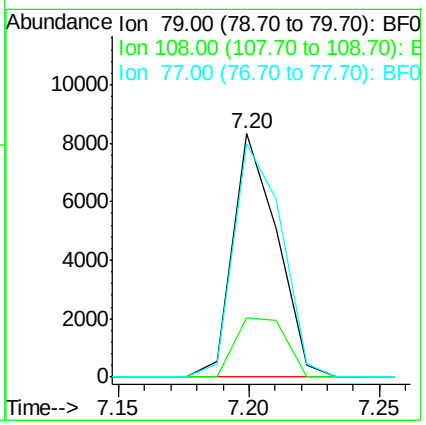


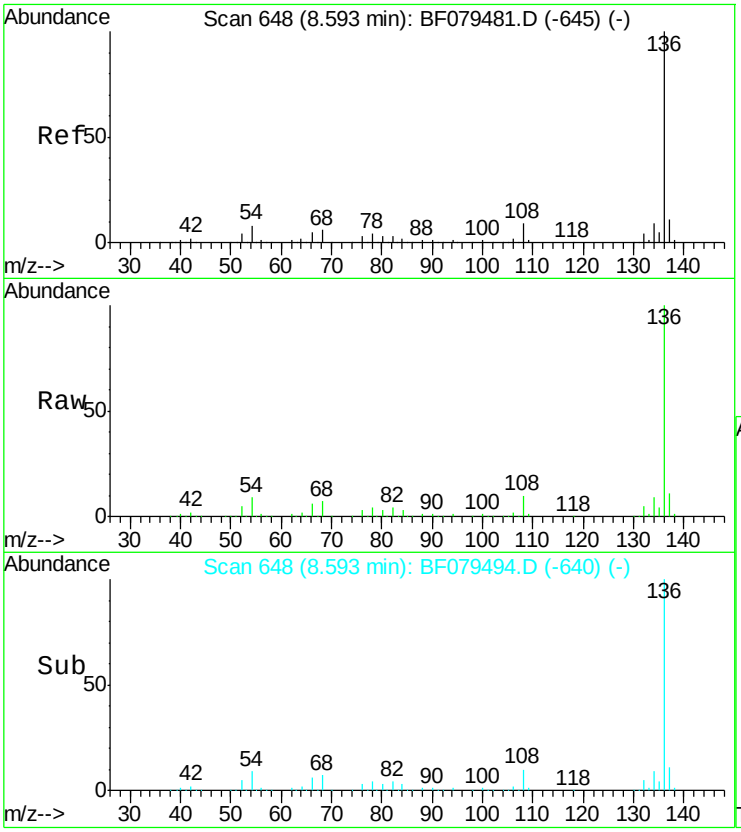


#15
Benzyl Alcohol
Concen: 2.28 ng
RT: 7.20 min Scan# 526
Delta R.T. -0.02 min
Lab File: BF079494.D
Acq: 27 May 2015 00:58

Tgt Ion: 79 Resp: 9856

Ion	Ratio	Lower	Upper
79	100		
108	24.2	73.7	110.5#
77	95.9	51.1	76.7#



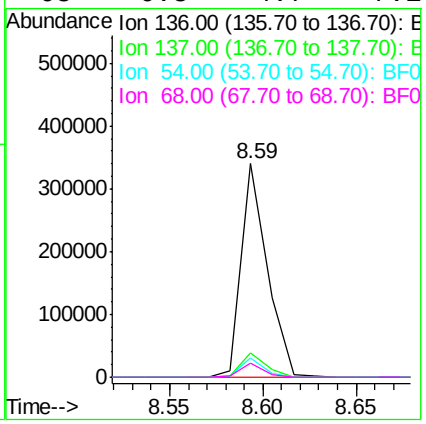


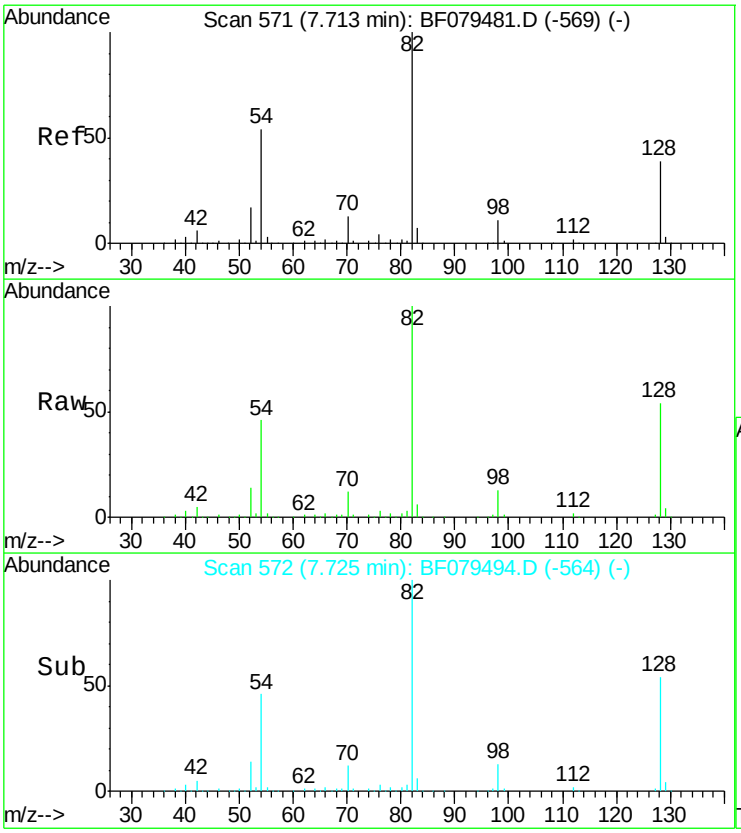
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.59 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF079494.D
Acq: 27 May 2015 00:58

Instrument :
BNA_F
ClientSampleId :
SB-31S

Tgt Ion:136 Resp: 331902

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.5	12.7
54	9.1	6.6	9.8
68	6.8	4.7	7.1

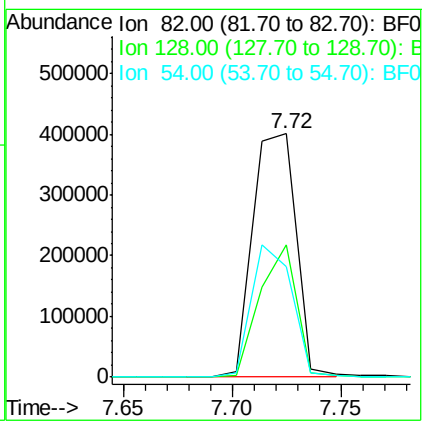


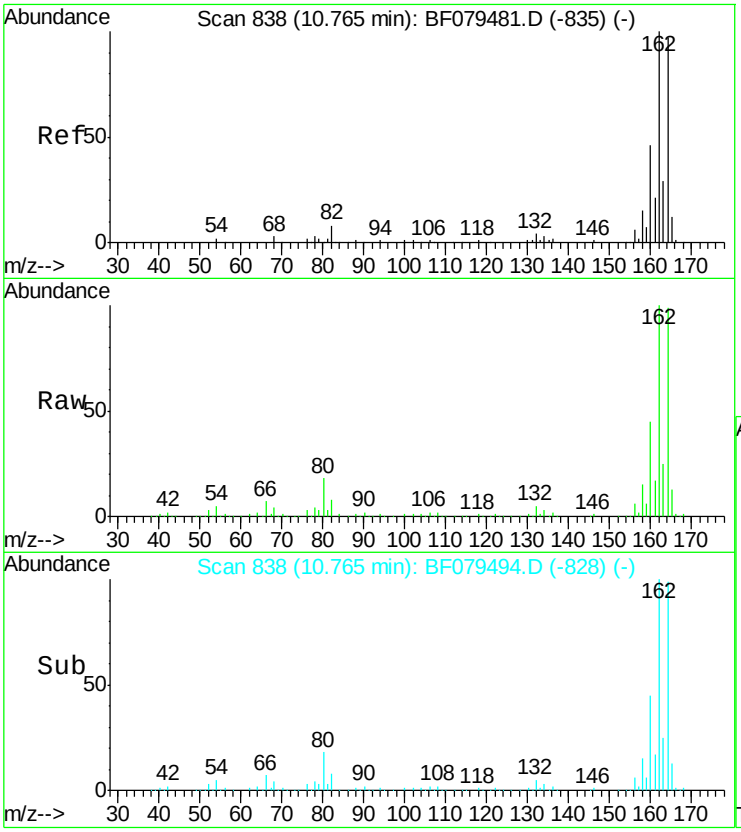


#23
Nitrobenzene-d5
Concen: 97.57 ng
RT: 7.72 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF079494.D
Acq: 27 May 2015 00:58

Tgt Ion: 82 Resp: 560187

Ion	Ratio	Lower	Upper
82	100		
128	54.3	30.8	46.2#
54	45.6	42.8	64.2



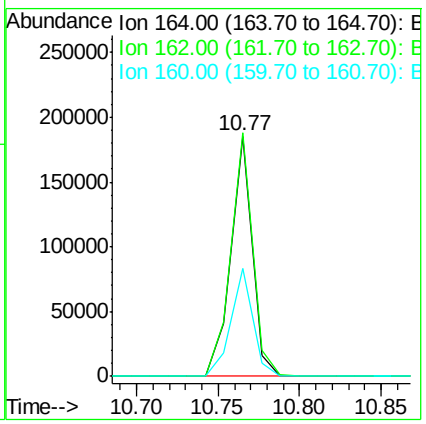


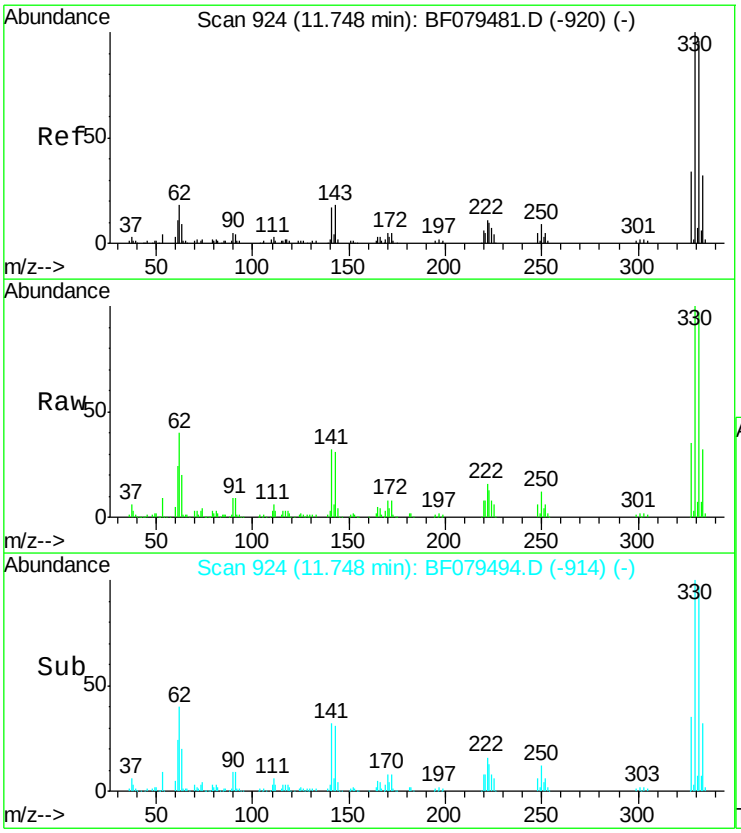
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.77 min Scan# 838
Delta R.T. 0.00 min
Lab File: BF079494.D
Acq: 27 May 2015 00:58

Instrument :
BNA_F
ClientSampleId :
SB-31S

Tgt Ion:164 Resp: 166384

Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.6	124.0
160	45.2	37.7	56.5

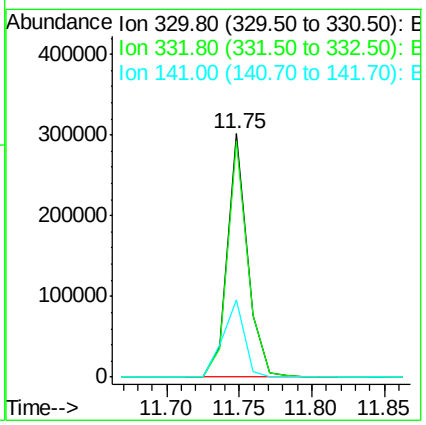


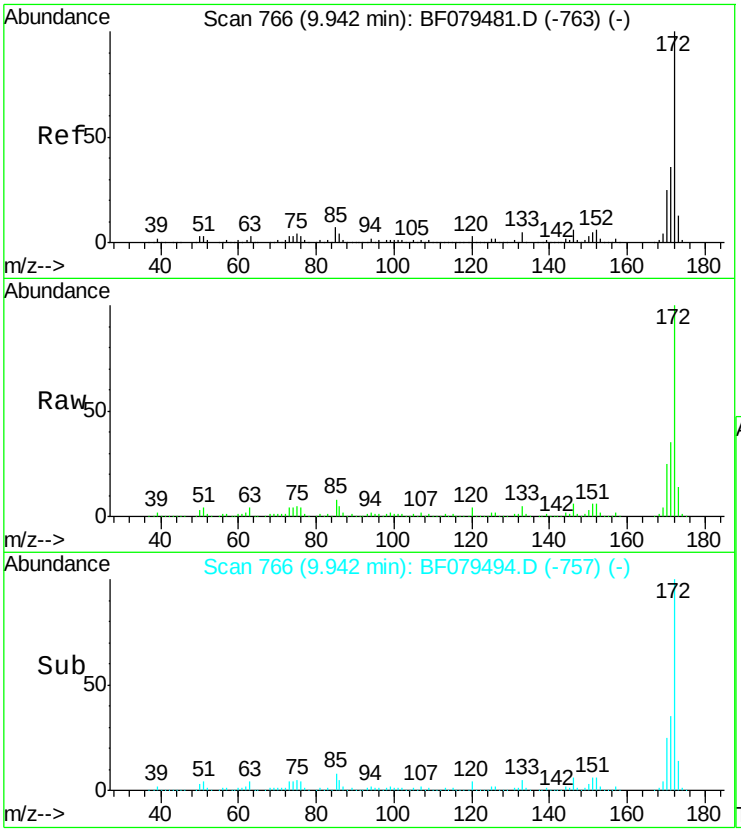


#41
2,4,6-Tribromophenol
Concen: 160.73 ng
RT: 11.75 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF079494.D
Acq: 27 May 2015 00:58

Tgt Ion:330 Resp: 293745

Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	34.3	0.0	0.0#



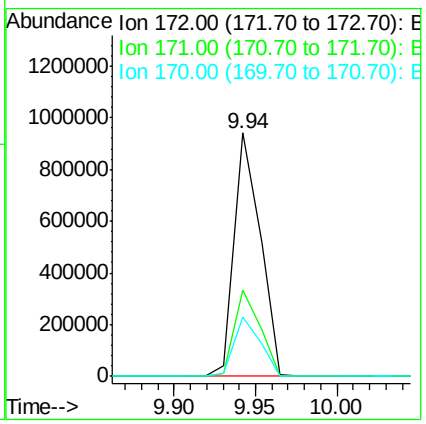


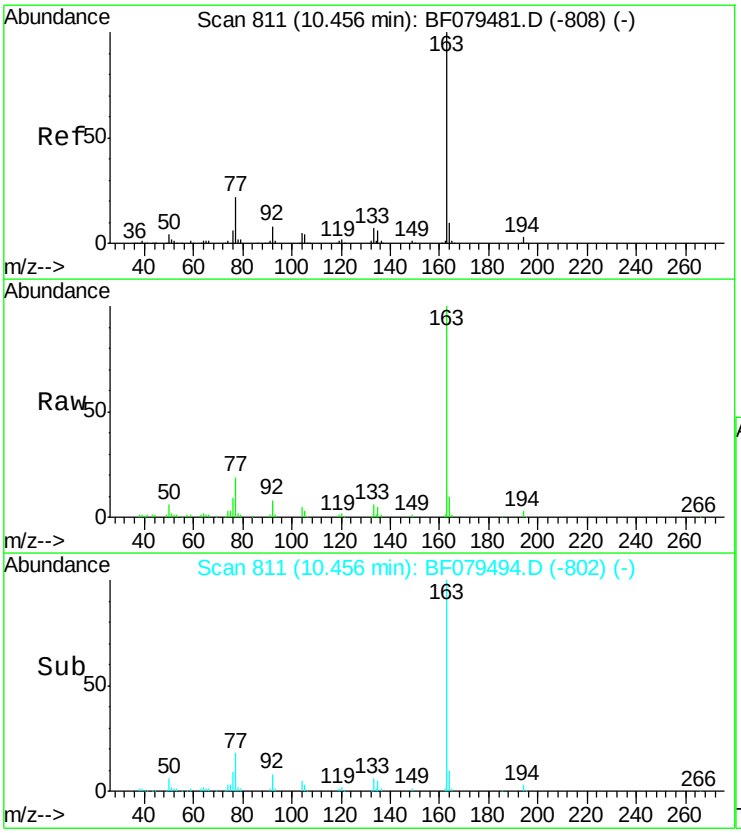
#44
2-Fluorobiphenyl
Concen: 88.83 ng
RT: 9.94 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF079494.D
Acq: 27 May 2015 00:58

Instrument :
BNA_F
ClientSampleId :
SB-31S

Tgt Ion:172 Resp: 1035997

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	24.5	19.7	29.5

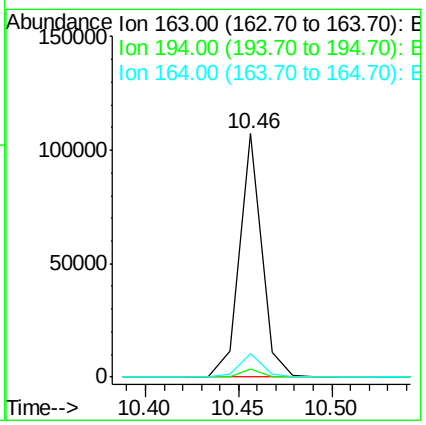


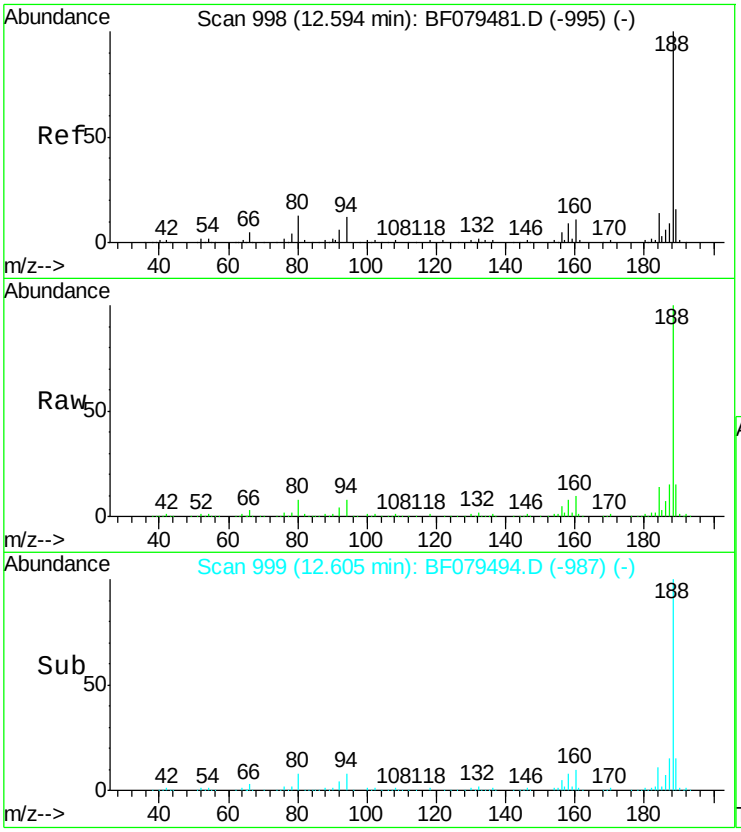


#49
Dimethylphthalate
Concen: 7.31 ng
RT: 10.46 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF079494.D
Acq: 27 May 2015 00:58

Tgt Ion:163 Resp: 89670

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.4	3.6
164	9.8	8.2	12.4



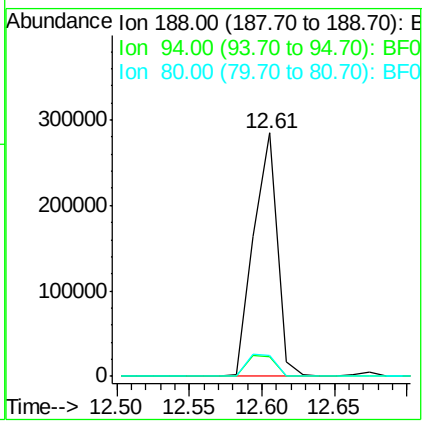


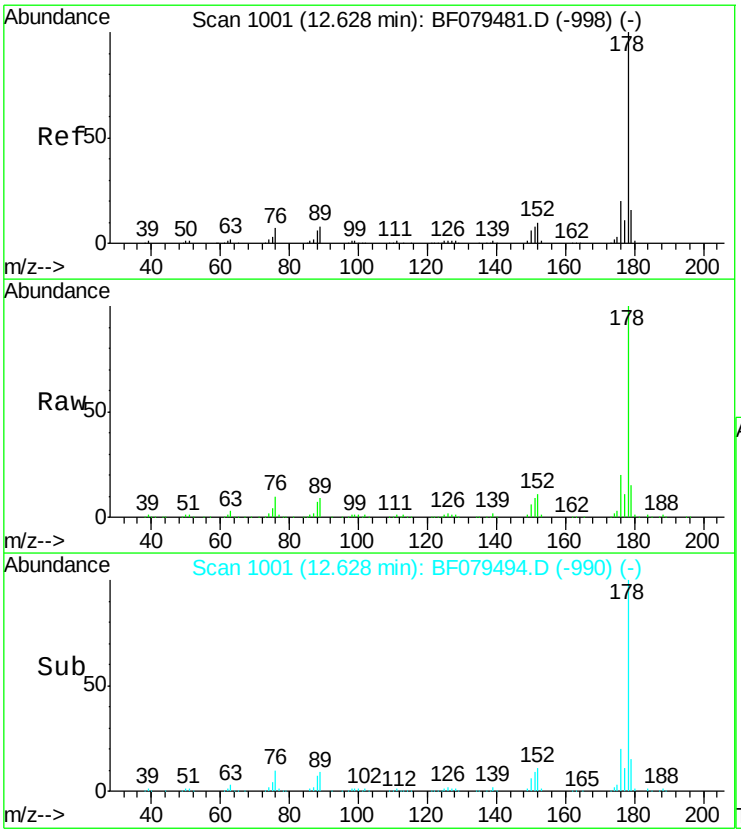
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.61 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF079494.D
Acq: 27 May 2015 00:58

Instrument :
BNA_F
ClientSampleId :
SB-31S

Tgt Ion:188 Resp: 322968

Ion	Ratio	Lower	Upper
188	100		
94	8.0	9.8	14.6#
80	8.4	10.5	15.7#

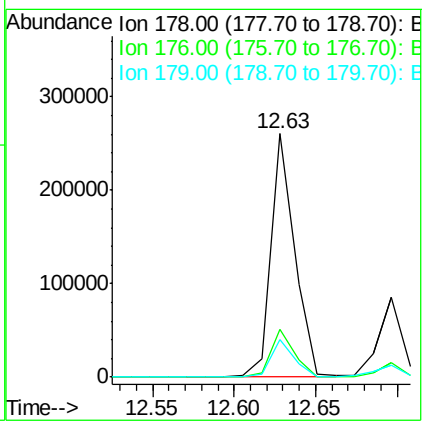


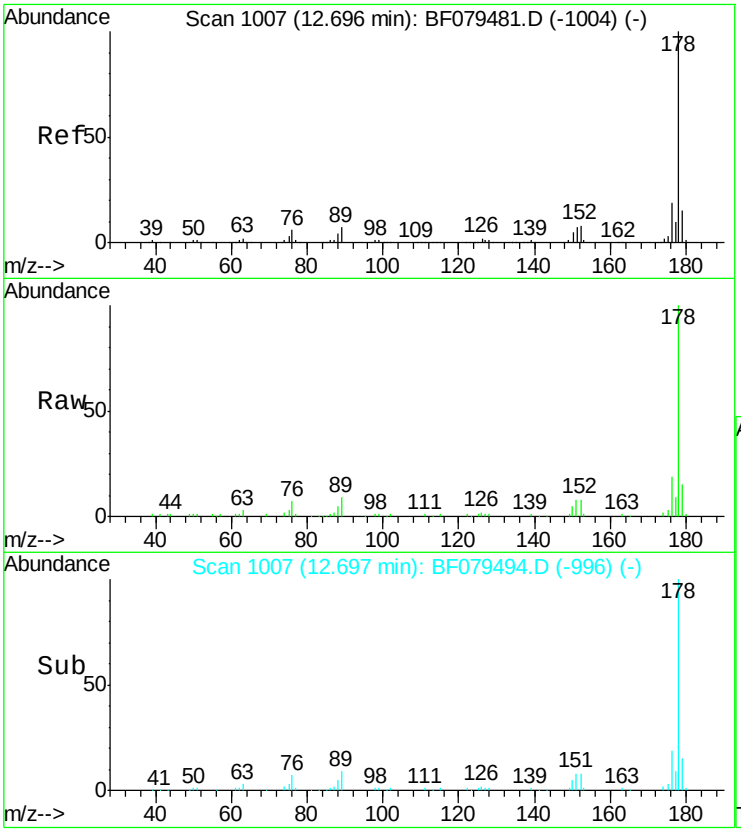


#70
Phenanthrene
Concen: 14.93 ng
RT: 12.63 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF079494.D
Acq: 27 May 2015 00:58

Tgt Ion:178 Resp: 264473

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.7	23.5
179	15.4	12.4	18.6



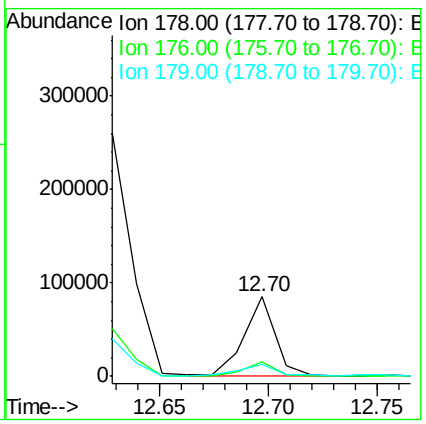


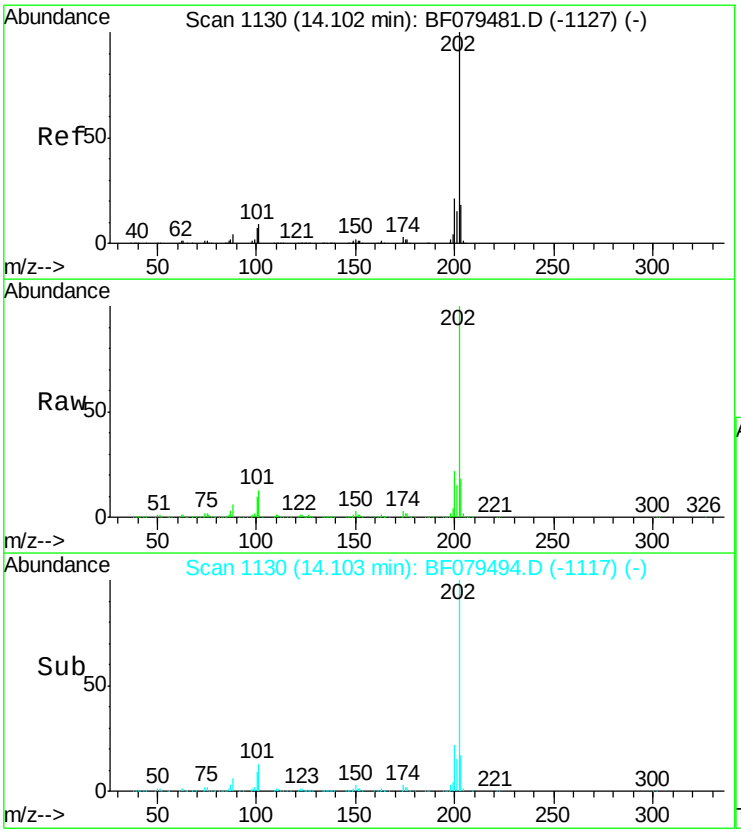
#71
Anthracene
Concen: 4.60 ng
RT: 12.70 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF079494.D
Acq: 27 May 2015 00:58

Instrument :
BNA_F
ClientSampleId :
SB-31S

Tgt Ion:178 Resp: 82717

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	14.9	12.2	18.4

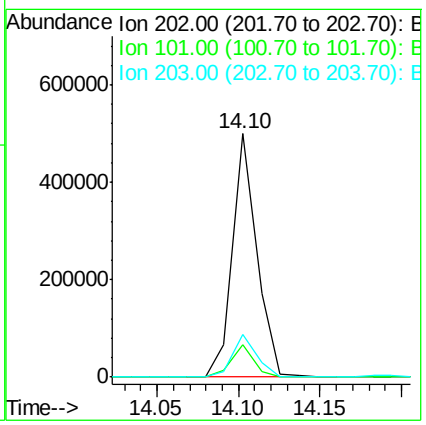


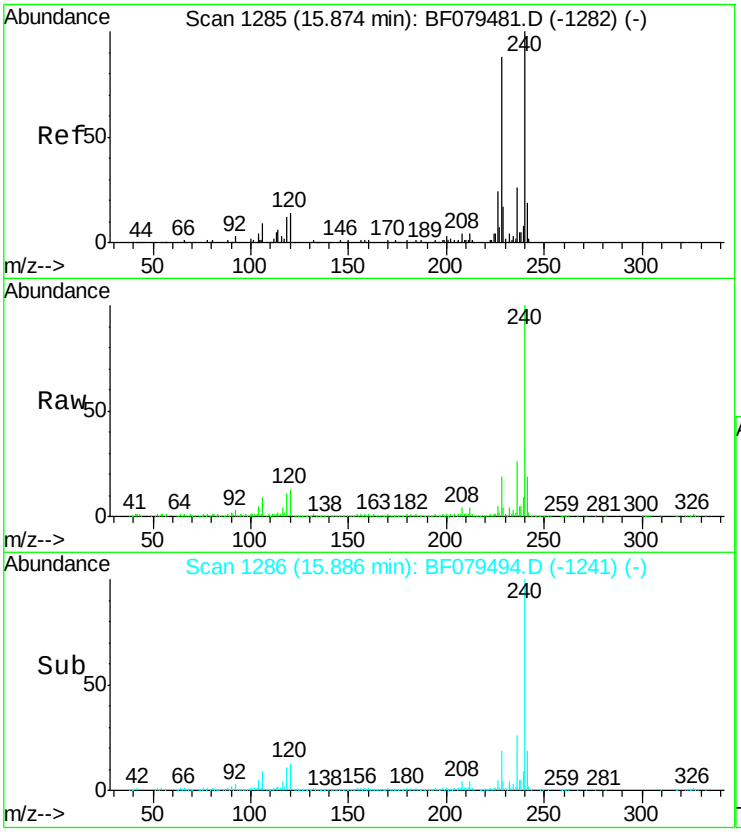


#74
Fluoranthene
Concen: 27.01 ng
RT: 14.10 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF079494.D
Acq: 27 May 2015 00:58

Tgt Ion:202 Resp: 513277

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	29.3
203	17.7	0.0	37.6



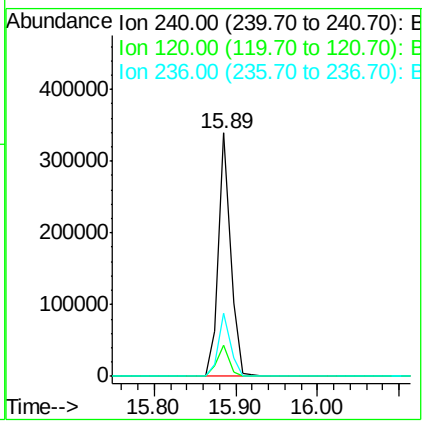


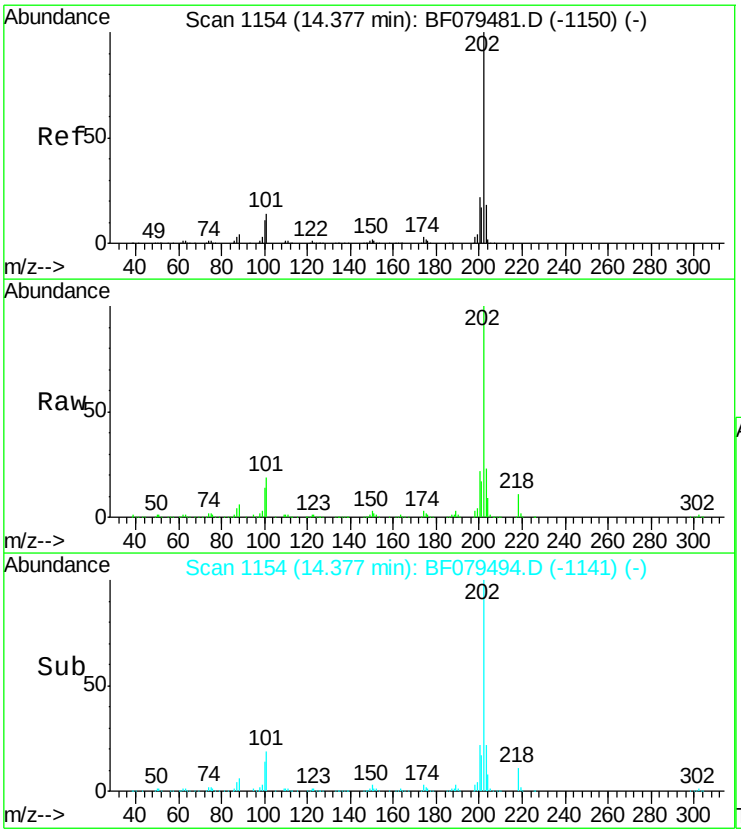
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.89 min Scan# 1286
Delta R.T. 0.01 min
Lab File: BF079494.D
Acq: 27 May 2015 00:58

Instrument :
BNA_F
ClientSampleId :
SB-31S

Tgt Ion:240 Resp: 355122

Ion	Ratio	Lower	Upper
240	100		
120	13.0	10.8	16.2
236	26.1	21.0	31.6

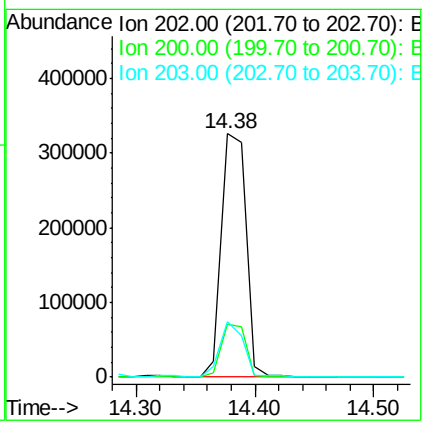


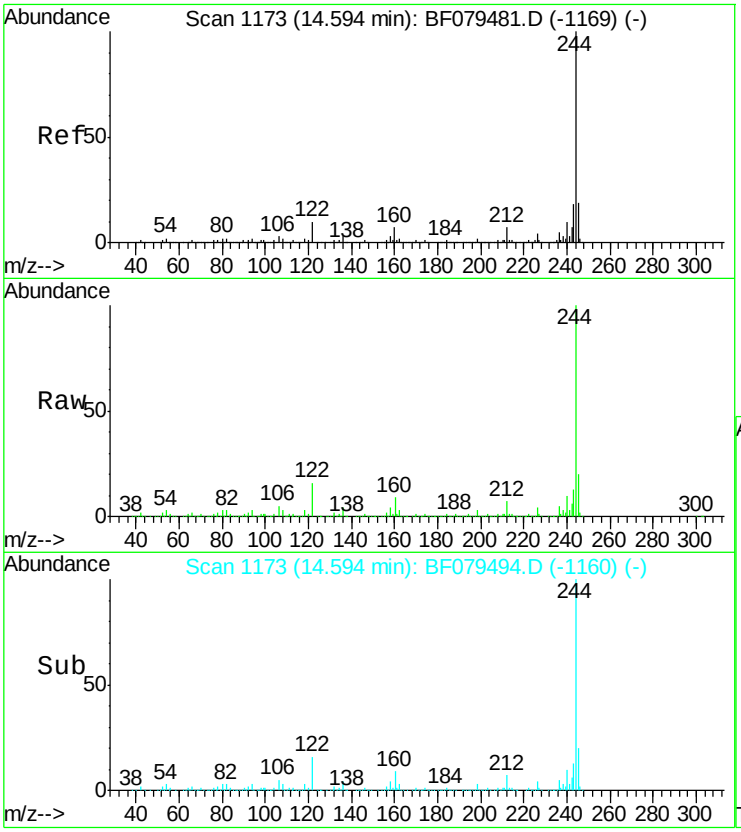


#77
Pyrene
Concen: 21.15 ng
RT: 14.38 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF079494.D
Acq: 27 May 2015 00:58

Tgt Ion:202 Resp: 465397

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.5	26.3
203	22.7	14.4	21.6#



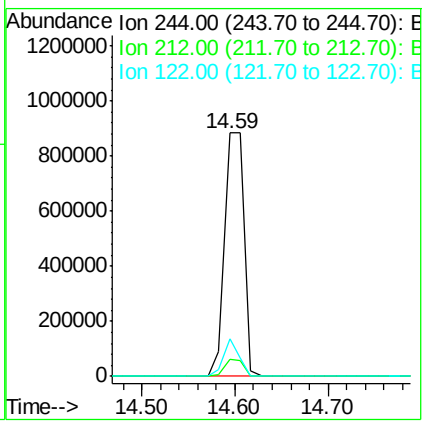


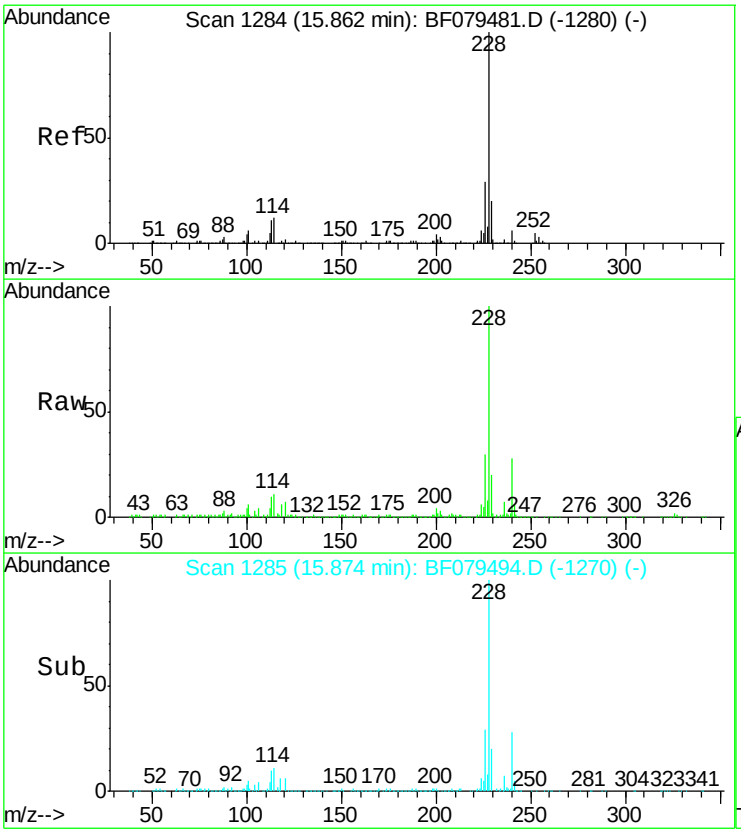
#78
Terphenyl-d14
Concen: 85.62 ng
RT: 14.59 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF079494.D
Acq: 27 May 2015 00:58

Instrument :
BNA_F
ClientSampleId :
SB-31S

Tgt Ion:244 Resp: 1295535

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.2	7.8
122	15.6	8.0	12.0#

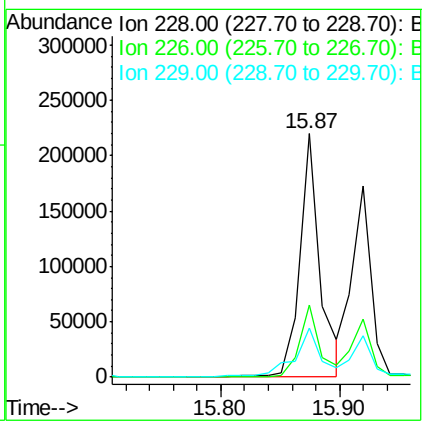


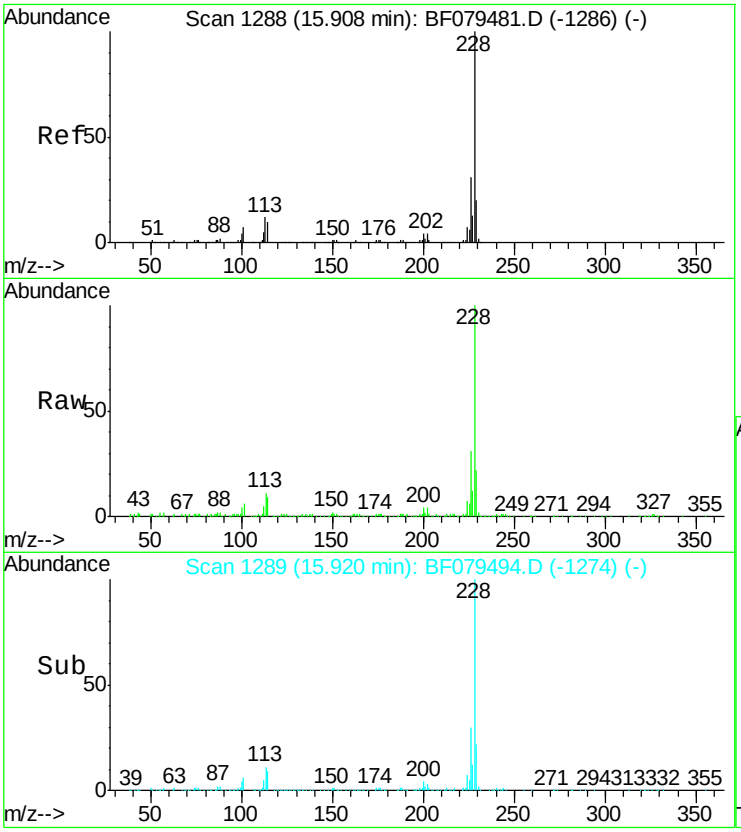


#80
Benzo(a)anthracene
Concen: 12.74 ng
RT: 15.87 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BF079494.D
Acq: 27 May 2015 00:58

Tgt Ion:228 Resp: 260267

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.8	34.2
229	20.1	15.9	23.9



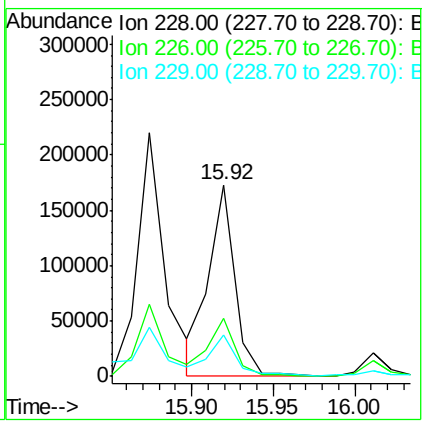


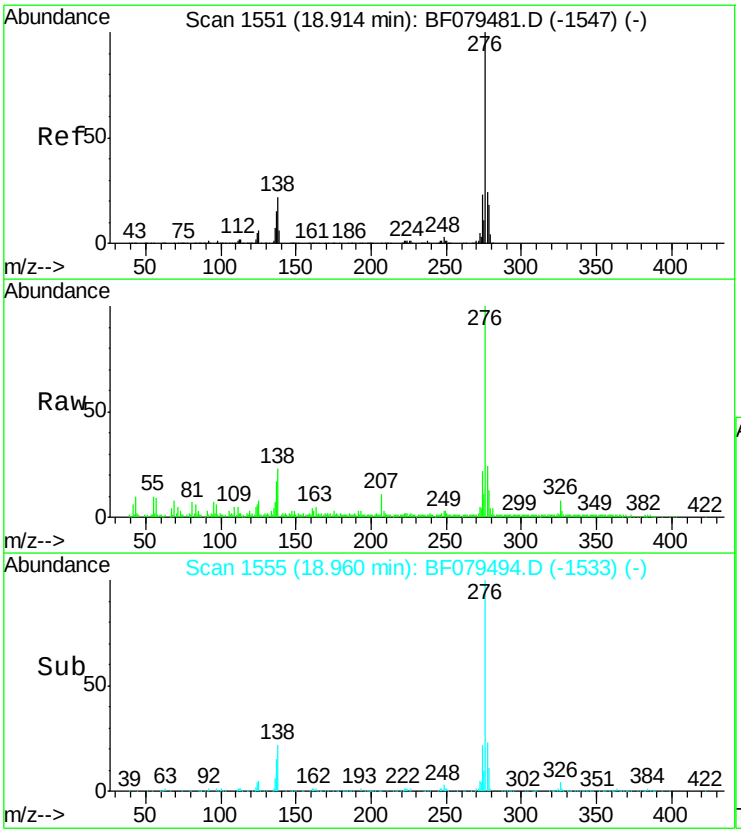
#82
Chrysene
Concen: 9.89 ng
RT: 15.92 min Scan# 1289
Delta R.T. 0.01 min
Lab File: BF079494.D
Acq: 27 May 2015 00:58

Instrument :
BNA_F
ClientSampleId :
SB-31S

Tgt Ion:228 Resp: 192074

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.4
229	21.8	15.9	23.9

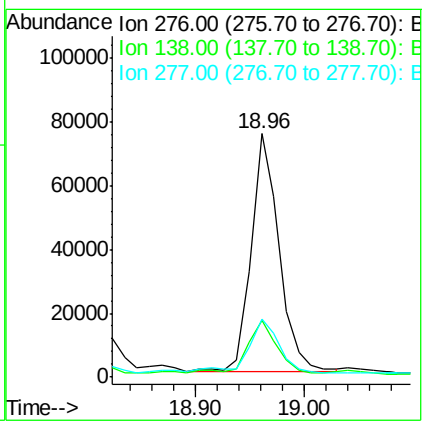


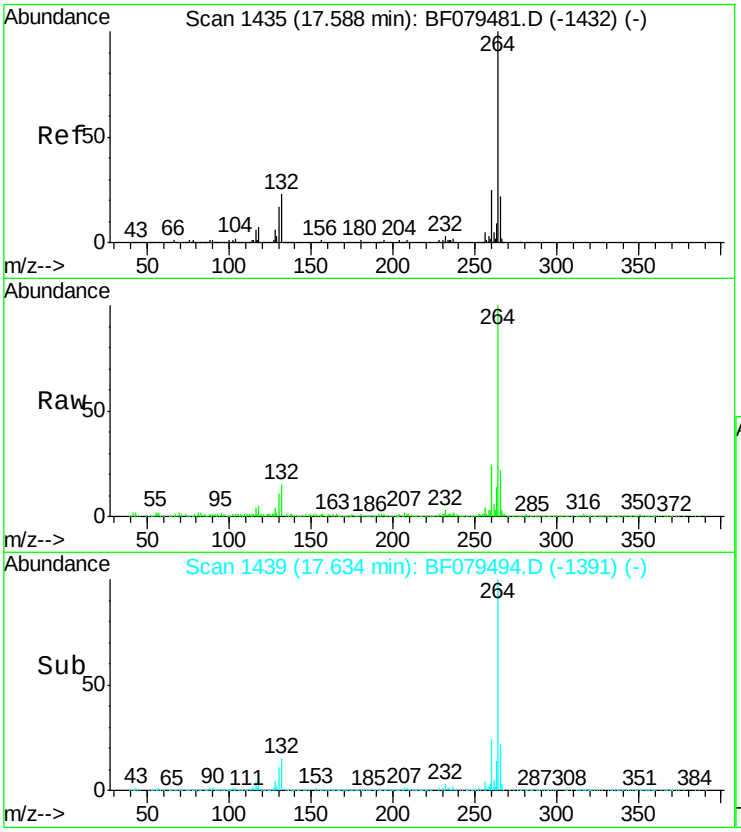


#85
Indeno(1,2,3-cd)pyrene
Concen: 5.39 ng
RT: 18.96 min Scan# 1555
Delta R.T. 0.05 min
Lab File: BF079494.D
Acq: 27 May 2015 00:58

Tgt Ion:276 Resp: 134635

Ion	Ratio	Lower	Upper
276	100		
138	25.6	21.4	32.2
277	27.7	19.8	29.6



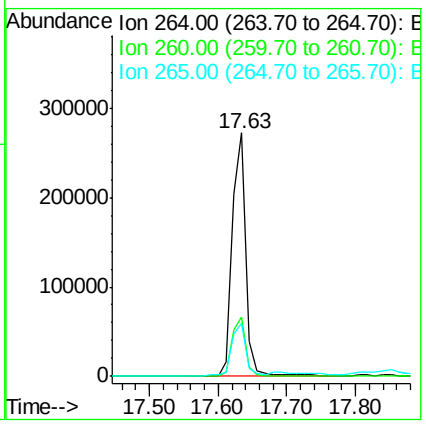


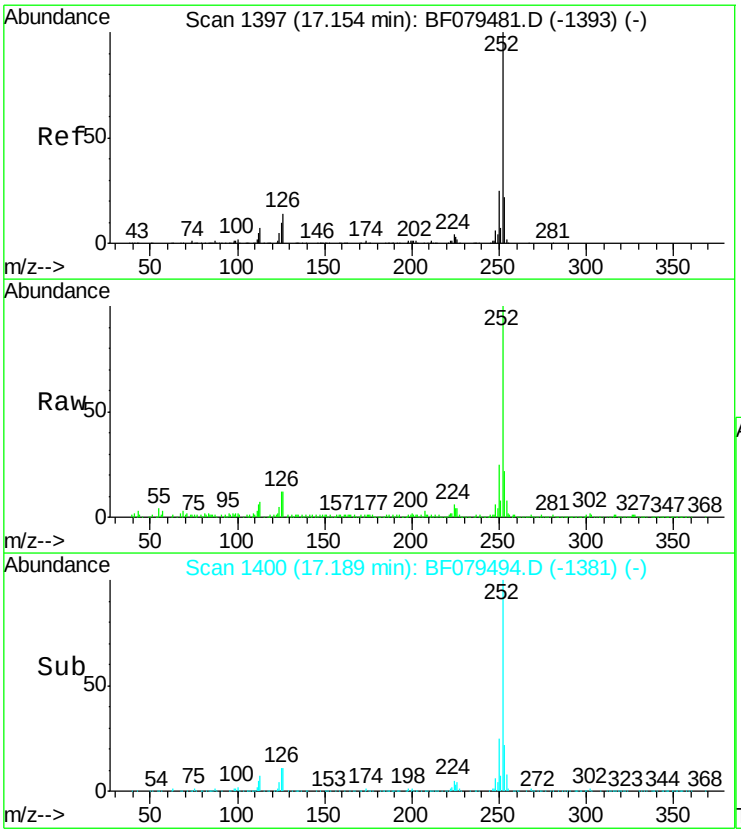
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.63 min Scan# 1439
Delta R.T. 0.05 min
Lab File: BF079494.D
Acq: 27 May 2015 00:58

Instrument :
BNA_F
ClientSampleId :
SB-31S

Tgt Ion:264 Resp: 376387

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.8	29.8
265	21.8	17.8	26.6

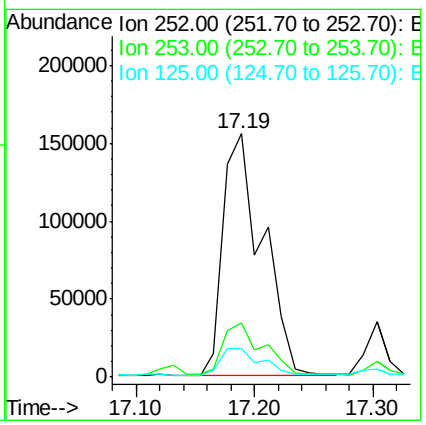


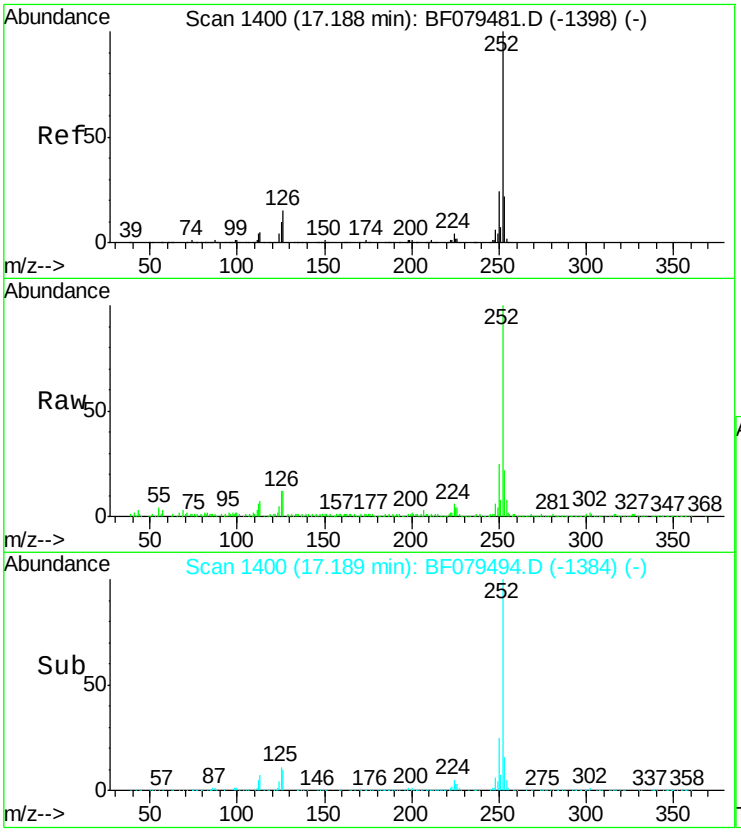


#87
Benzo(b)fluoranthene
Concen: 16.75 ng
RT: 17.19 min Scan# 1400
Delta R.T. 0.03 min
Lab File: BF079494.D
Acq: 27 May 2015 00:58

Tgt Ion:252 Resp: 359460

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	11.6	7.8	11.6



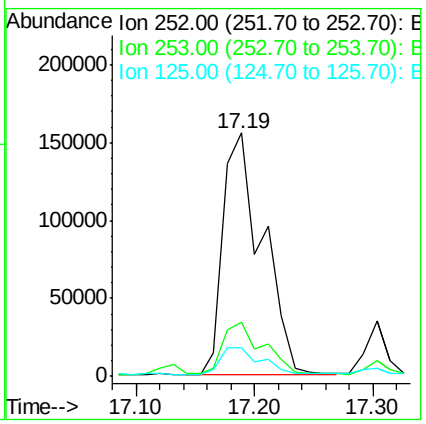


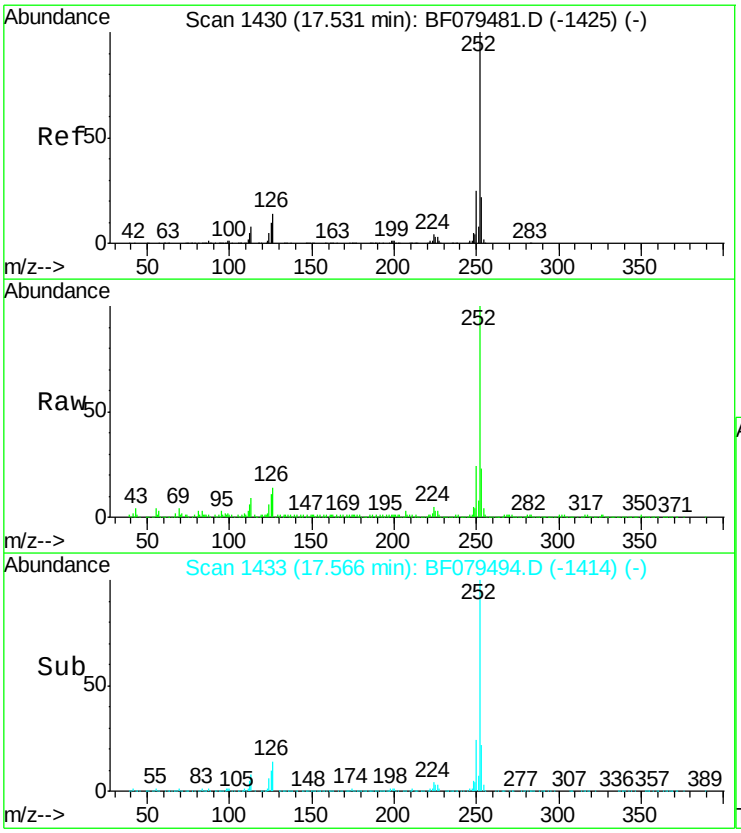
#88
Benzo(k)fluoranthene
Concen: 18.73 ng
RT: 17.19 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF079494.D
Acq: 27 May 2015 00:58

Instrument :
BNA_F
ClientSampleId :
SB-31S

Tgt Ion:252 Resp: 359460

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	11.6	6.8	10.2#

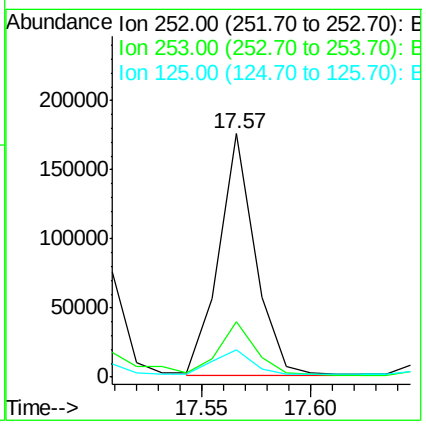


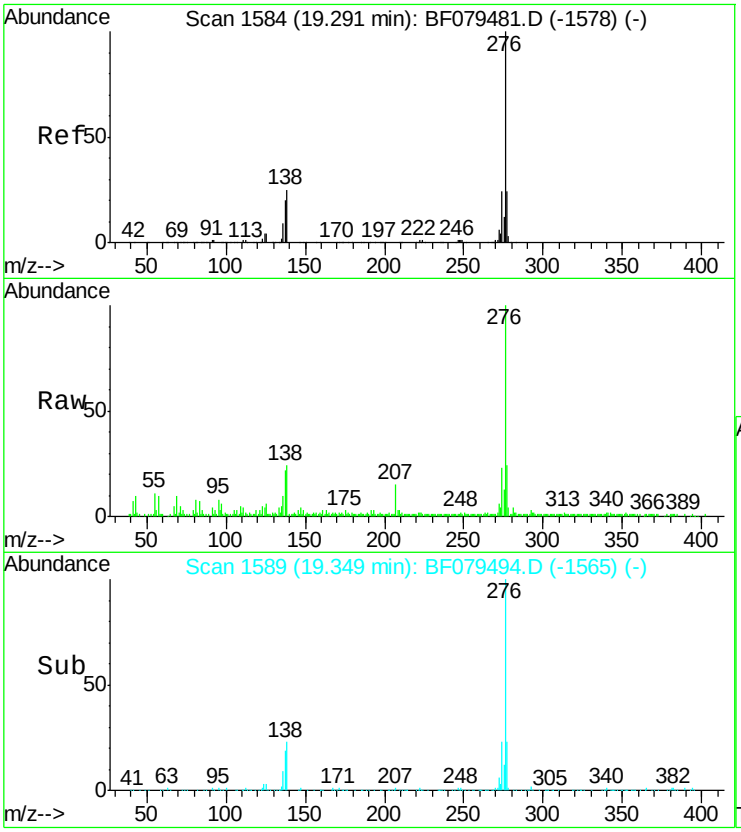


#89
Benzo(a)pyrene
Concen: 9.32 ng
RT: 17.57 min Scan# 1433
Delta R.T. 0.03 min
Lab File: BF079494.D
Acq: 27 May 2015 00:58

Tgt Ion:252 Resp: 204068

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	11.2	7.9	11.9





#91
Benzo(g,h,i)perylene
Concen: 3.69 ng
RT: 19.35 min Scan# 1589
Delta R.T. 0.06 min
Lab File: BF079494.D
Acq: 27 May 2015 00:58

Instrument :
BNA_F
ClientSampleId :
SB-31S

Tgt Ion:276 Resp: 124942

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.1	28.7
138	23.7	20.1	30.1