Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF053015\
Data File : BF079628.D
Acq On : 31 May 2015 5:48
Operator : TP/IZ
Sample : G2408-02DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-25SDL

Quant Time: Jun 01 03:50:13 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 03:28:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	68419	20.00	ng		0.00
21) Naphthalene-d8	8.51	136	275483	20.00	ng		0.00
38) Acenaphthene-d10	10.67	164	129759	20.00	ng		0.00
63) Phenanthrene-d10	12.51	188	246963	20.00	ng		0.00
75) Chrysene-d12	15.78	240	262491	20.00	ng		-0.01
86) Perylene-d12	17.49	264	271742	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	80562	20.42	ng		0.01
7) Phenol-d6	6.54	99	109441	21.77	ng		0.00
23) Nitrobenzene-d5	7.63	82	62102	13.03	ng		0.00
41) 2,4,6-Tribromophenol	11.66	330	29009	20.35	ng		0.00
44) 2-Fluorobiphenyl	9.86	172	131082	14.41	ng		0.00
78) Terphenyl-d14	14.50	244	157720	14.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.66	88	102162	54.44	ng	#	100
31) Naphthalene	8.54	128	70934	5.37	ng		99
37) 2-Methylnaphthalene	9.39	142	20415	2.22	ng		95
48) Acenaphthylene	10.50	152	60027	4.52	ng		100
49) Dimethylphthalate	10.38	163	23514	2.46	ng		100
54) Dibenzofuran	10.94	168	49386	4.41	ng		94
55) 4-Nitrophenol	10.94	139	18971	13.77	ng	#	12
57) Fluorene	11.36	166	21472	2.32	ng	#	99
70) Phenanthrene	12.54	178	526234	38.84	ng		99
71) Anthracene	12.60	178	84489	6.14	ng		99
72) Carbazole	12.82	167	45688	3.45	ng		99
73) Di-n-butylphthalate	13.27	149	1378	Below Cal		#	8
74) Fluoranthene	14.01	202	536186	36.90	ng		98
77) Pyrene	14.29	202	435649	26.79	ng		99
80) Benzo(a)anthracene	15.77	228	211526	14.01	ng		96
82) Chrysene	15.82	228	184988	12.89	ng		99
85) Indeno(1,2,3-cd)pyrene	18.77	276	124368	6.74	ng	#	93
87) Benzo(b)fluoranthene	17.05	252	330994	21.36	ng		99
88) Benzo(k)fluoranthene	17.05	252	330994	23.88	ng		97
89) Benzo(a)pyrene	17.42	252	167534	10.87	ng		98
91) Benzo(g,h,i)perylene	19.13	276	113857	5.66	ng		98

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

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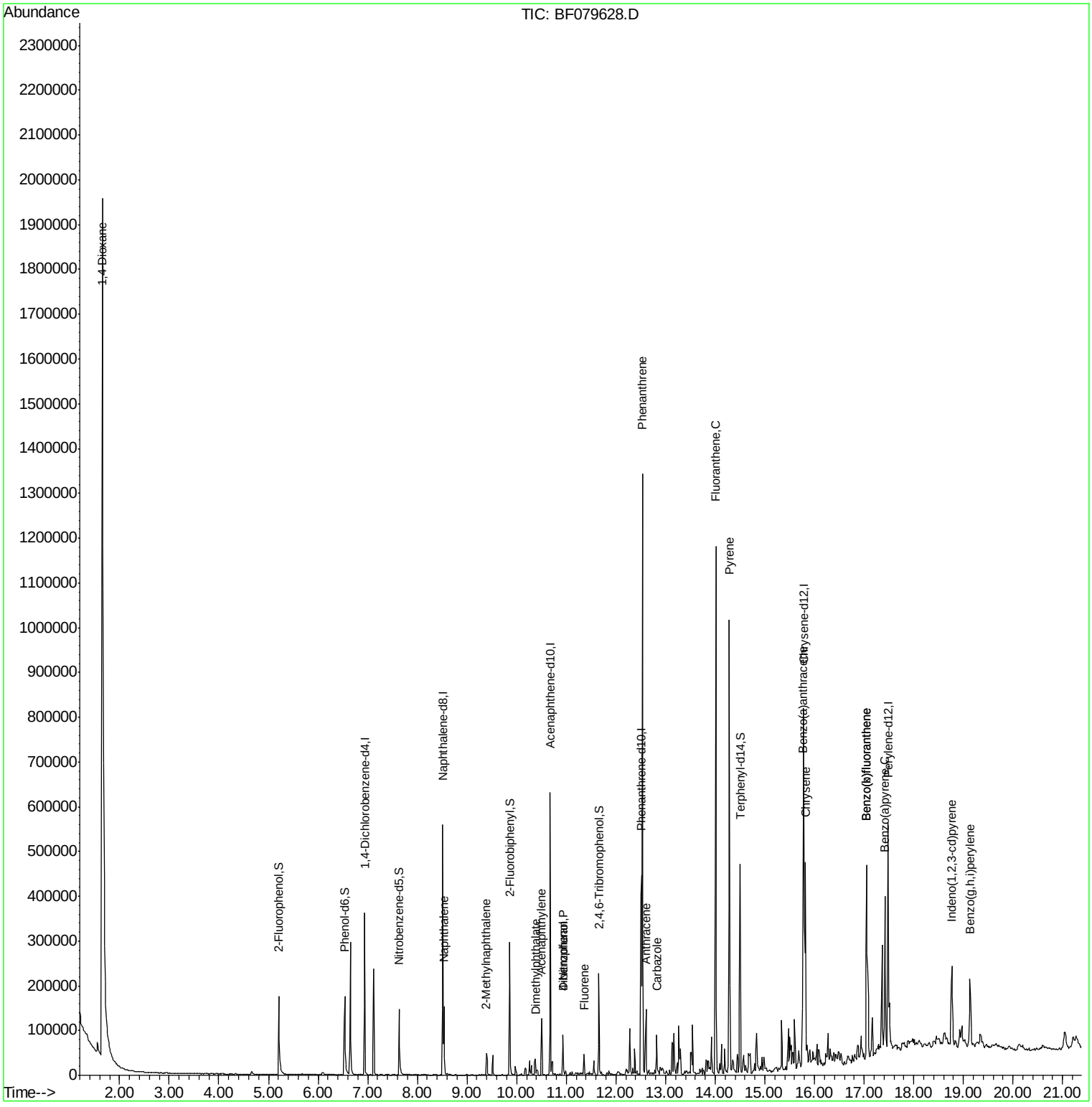
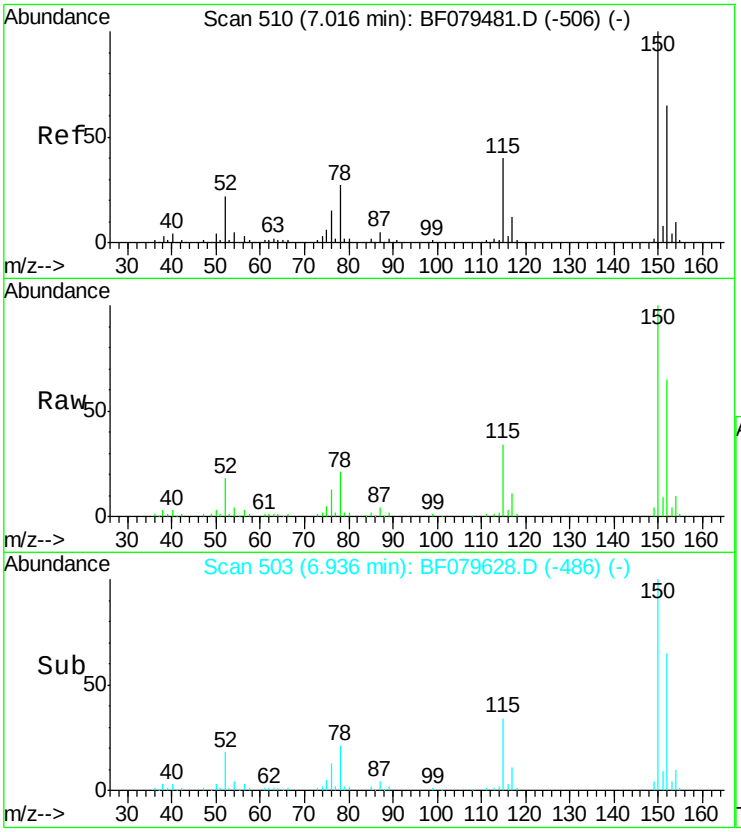


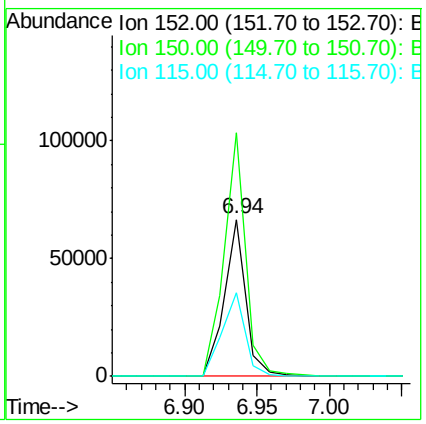


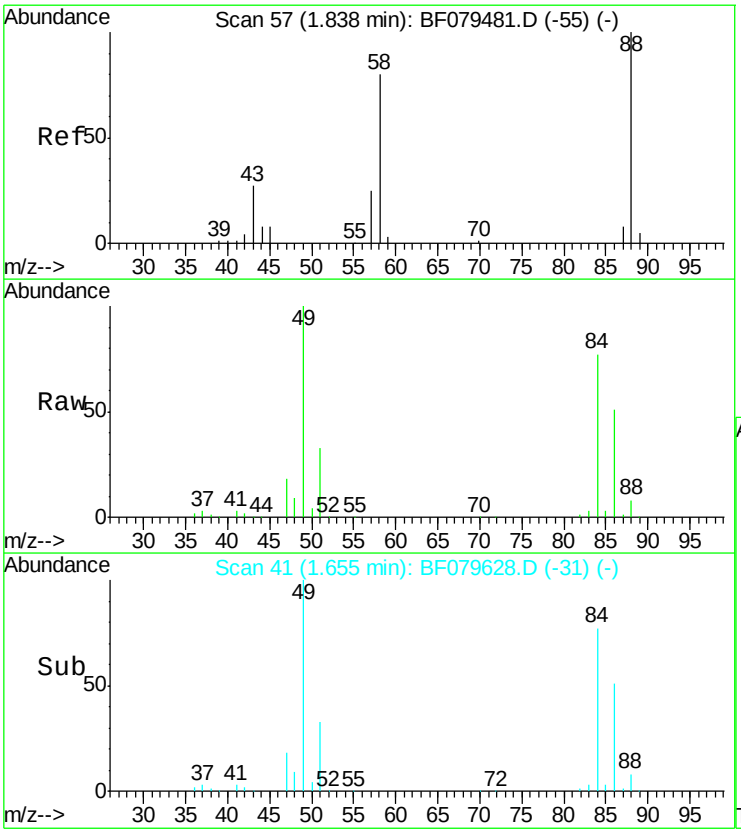
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 503
Delta R.T. -0.00 min
Lab File: BF079628.D
Acq: 31 May 2015 5:48

Instrument :
BNA_F
ClientSampleId :
SB-25SDL

Tgt Ion:152 Resp: 68419

Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.0	186.0
115	53.1	49.6	74.4

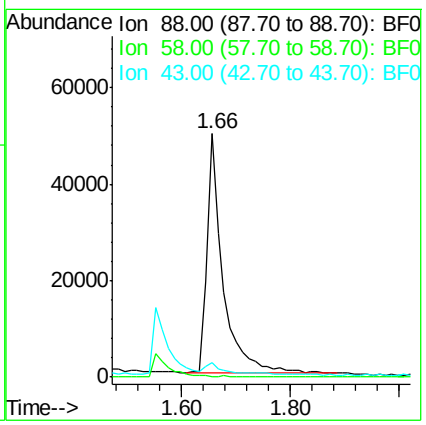


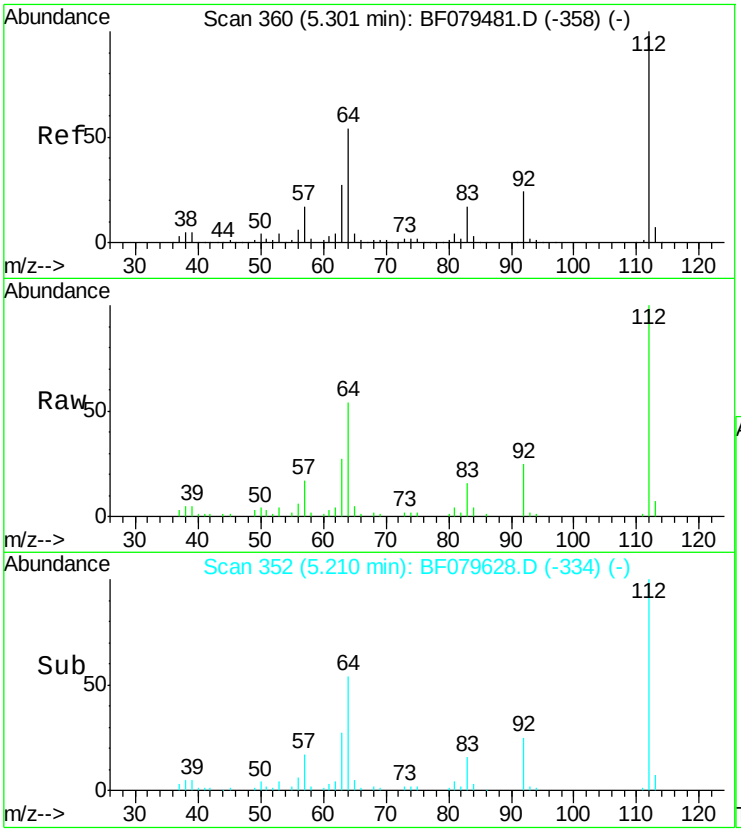


#2
1,4-Dioxane
Concen: 54.44 ng
RT: 1.66 min Scan# 41
Delta R.T. -0.08 min
Lab File: BF079628.D
Acq: 31 May 2015 5:48

Tgt Ion: 88 Resp: 102162

Ion	Ratio	Lower	Upper
88	100		
58	0.0	0.0	0.0
43	8.0	0.0	0.0#



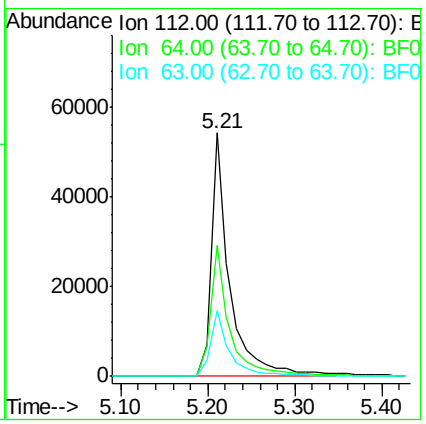


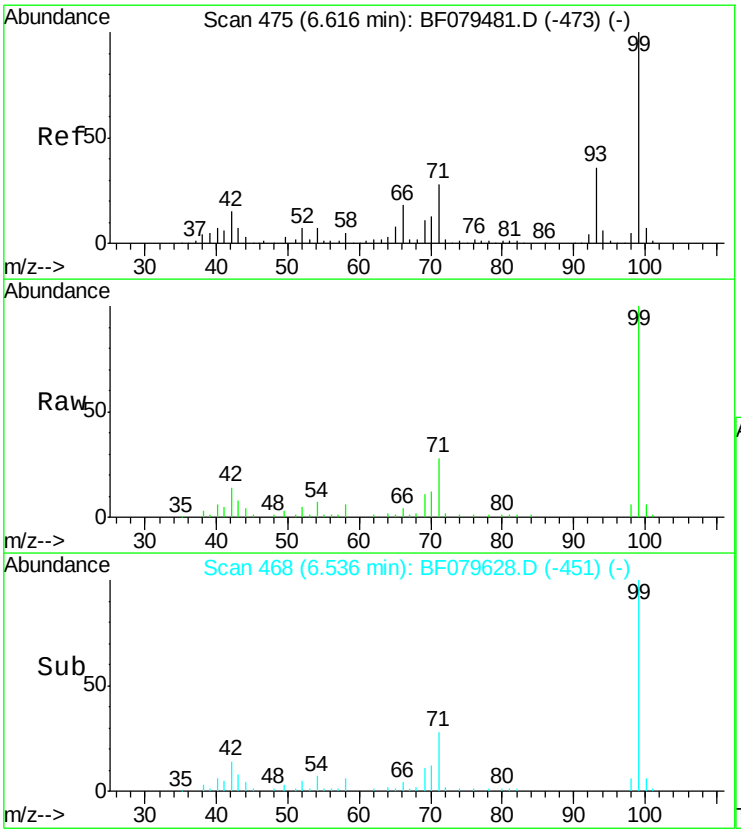
#5
2-Fluorophenol
Concen: 20.42 ng
RT: 5.21 min Scan# 352
Delta R.T. 0.01 min
Lab File: BF079628.D
Acq: 31 May 2015 5:48

Instrument :
BNA_F
ClientSampleId :
SB-25SDL

Tgt Ion:112 Resp: 80562

Ion	Ratio	Lower	Upper
112	100		
64	53.6	43.5	65.3
63	27.2	21.8	32.8

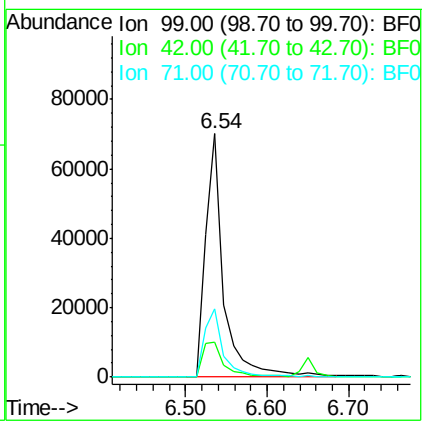


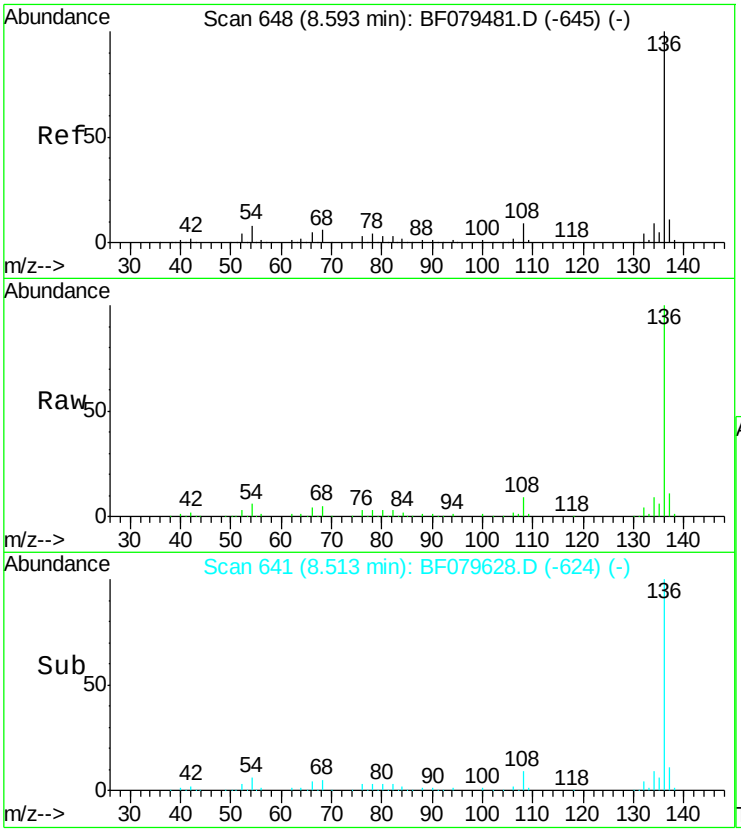


#7
Phenol-d6
Concen: 21.77 ng
RT: 6.54 min Scan# 468
Delta R.T. -0.00 min
Lab File: BF079628.D
Acq: 31 May 2015 5:48

Tgt Ion: 99 Resp: 109441

Ion	Ratio	Lower	Upper
99	100		
42	14.5	11.9	17.9
71	28.1	22.1	33.1



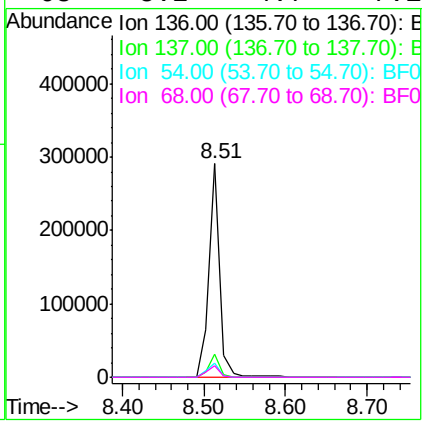


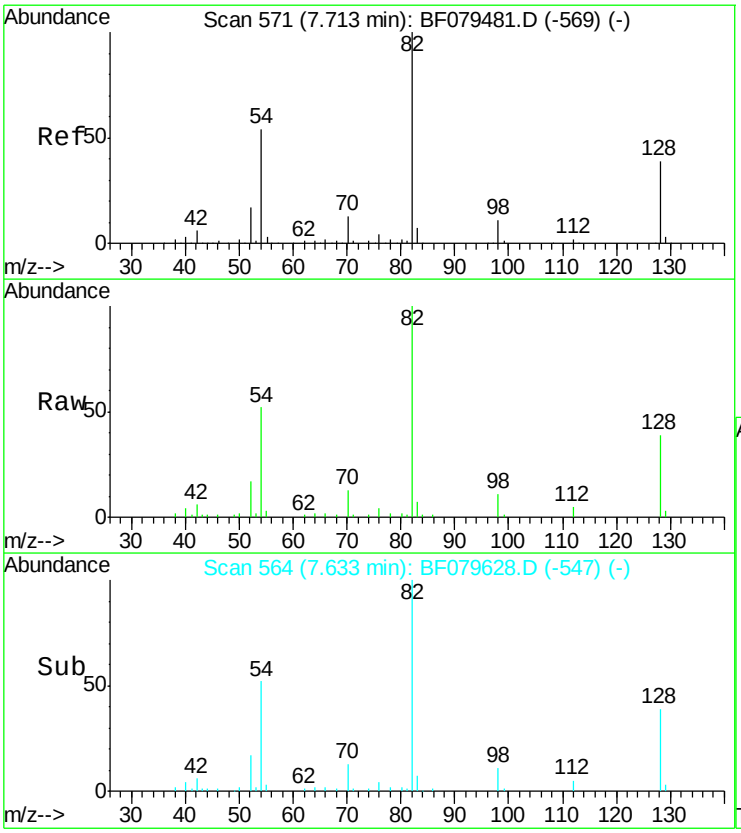
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.51 min Scan# 641
Delta R.T. -0.00 min
Lab File: BF079628.D
Acq: 31 May 2015 5:48

Instrument :
BNA_F
ClientSampleId :
SB-25SDL

Tgt Ion:136 Resp: 275483

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	6.4	6.6	9.8#
68	5.2	4.7	7.1

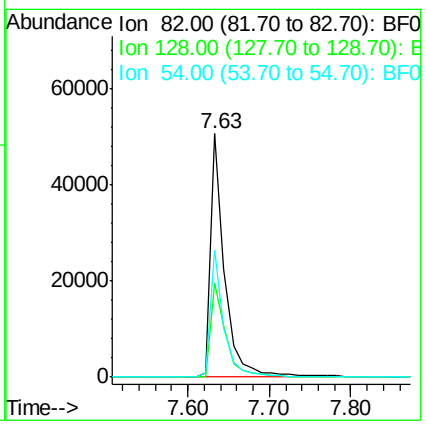


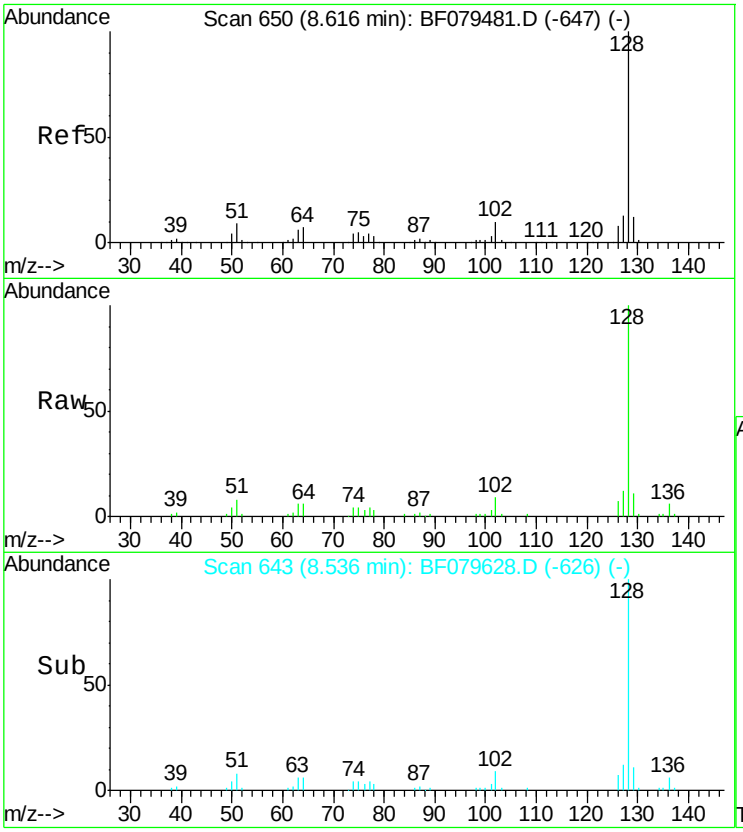


#23
Nitrobenzene-d5
Concen: 13.03 ng
RT: 7.63 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF079628.D
Acq: 31 May 2015 5:48

Tgt Ion: 82 Resp: 62102

Ion	Ratio	Lower	Upper
82	100		
128	38.8	30.8	46.2
54	52.1	42.8	64.2



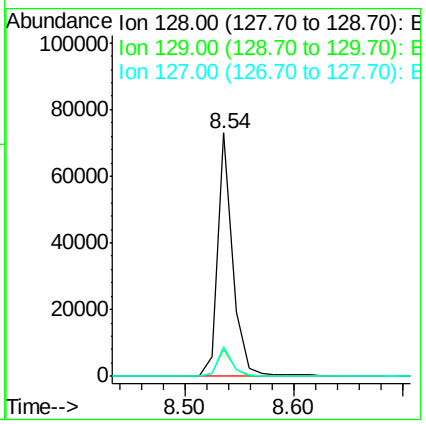


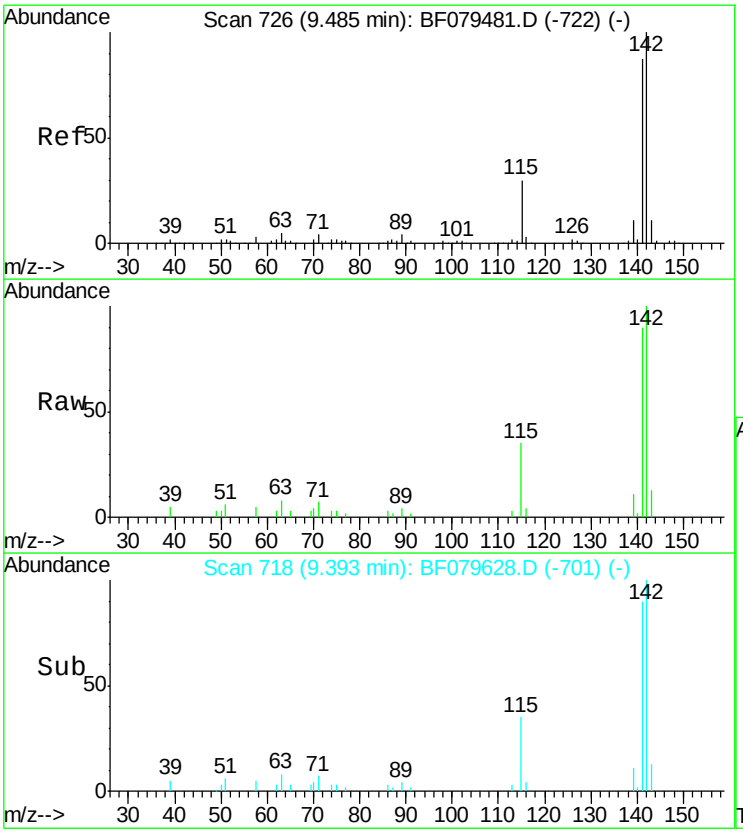
#31
Naphthalene
Concen: 5.37 ng
RT: 8.54 min Scan# 643
Delta R.T. -0.00 min
Lab File: BF079628.D
Acq: 31 May 2015 5:48

Instrument :
BNA_F
ClientSampleId :
SB-25SDL

Tgt Ion:128 Resp: 70934

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.3	13.9
127	12.3	10.6	15.8

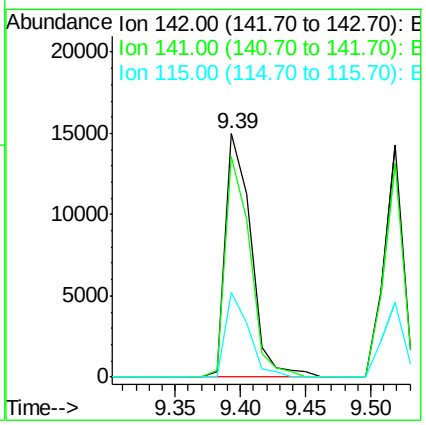


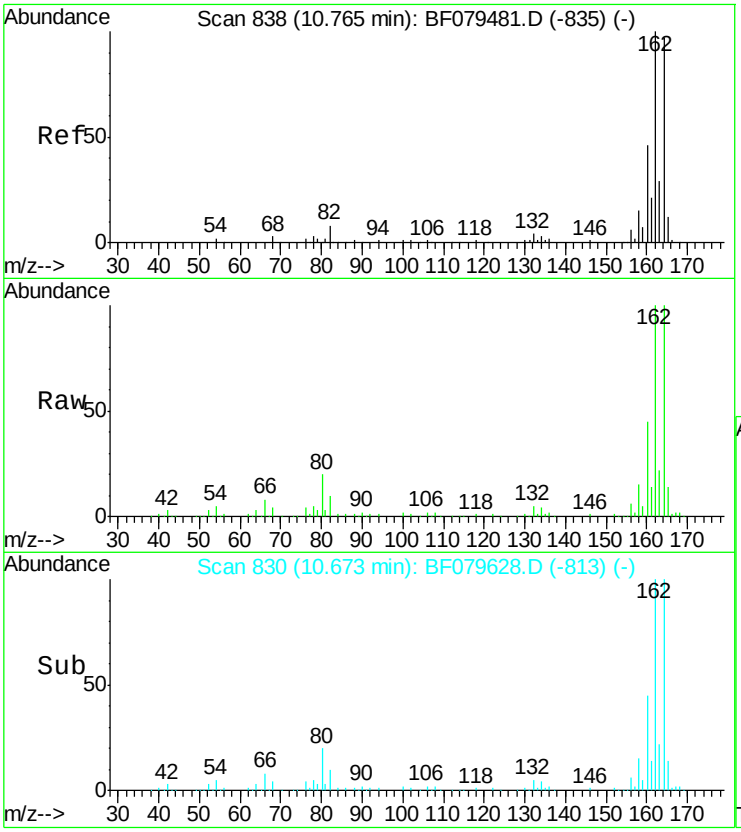


#37
2-Methylnaphthalene
Concen: 2.22 ng
RT: 9.39 min Scan# 718
Delta R.T. -0.00 min
Lab File: BF079628.D
Acq: 31 May 2015 5:48

Tgt Ion:142 Resp: 20415

Ion	Ratio	Lower	Upper
142	100		
141	90.5	69.5	104.3
115	34.7	23.8	35.6



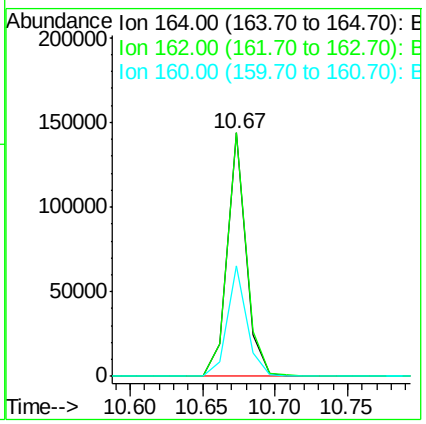


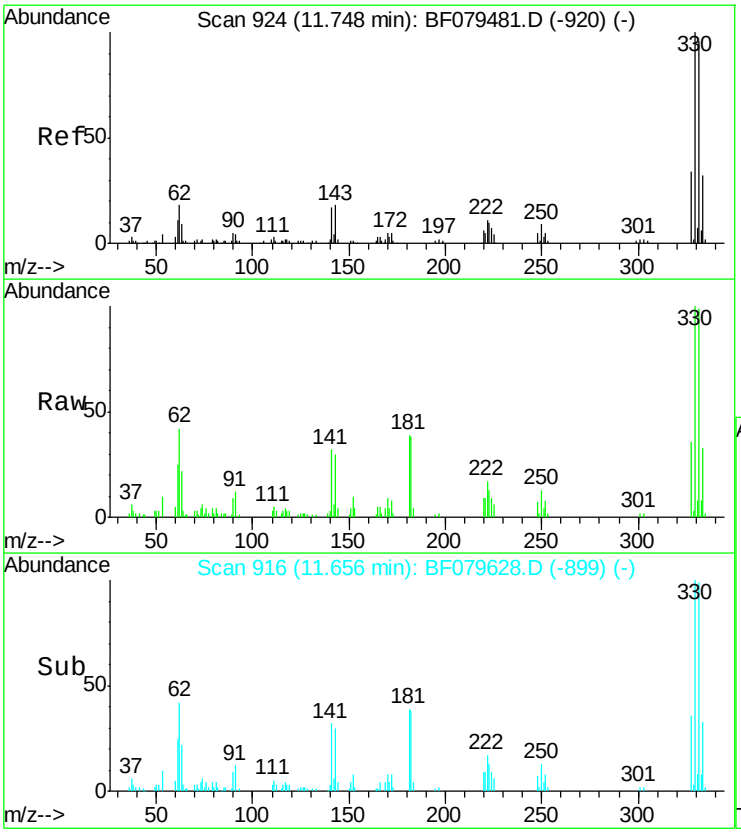
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.67 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF079628.D
Acq: 31 May 2015 5:48

Instrument :
BNA_F
ClientSampleId :
SB-25SDL

Tgt Ion:164 Resp: 129759

Ion	Ratio	Lower	Upper
164	100		
162	100.1	82.6	124.0
160	45.3	37.7	56.5

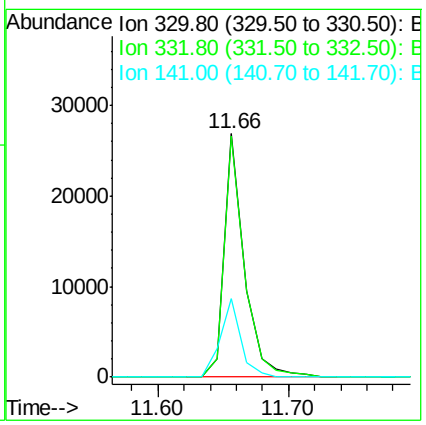


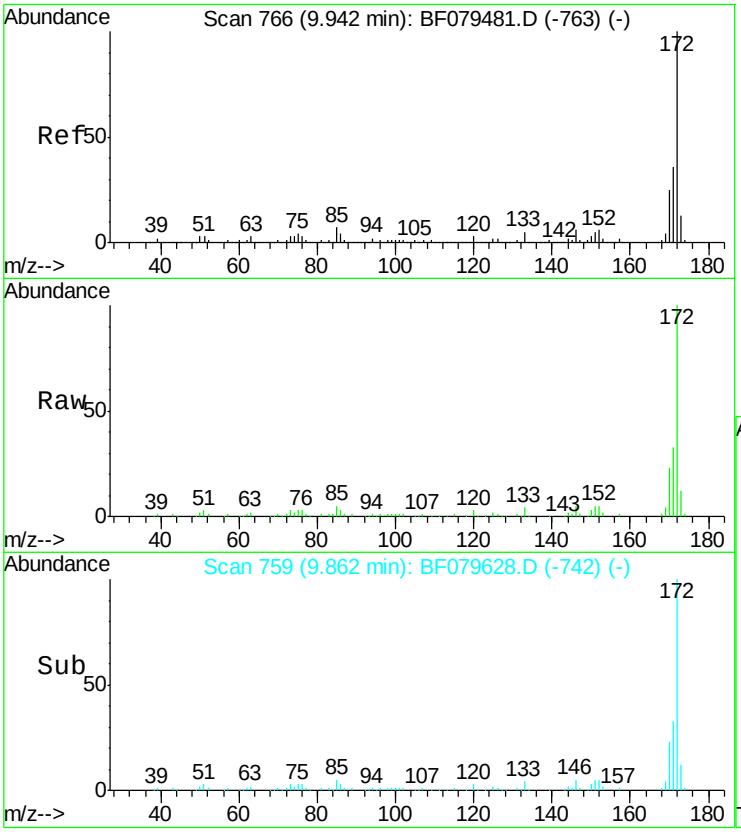


#41
2,4,6-Tribromophenol
Concen: 20.35 ng
RT: 11.66 min Scan# 916
Delta R.T. -0.00 min
Lab File: BF079628.D
Acq: 31 May 2015 5:48

Tgt Ion:330 Resp: 29009

Ion	Ratio	Lower	Upper
330	100		
332	98.7	0.0	0.0#
141	33.1	0.0	0.0#



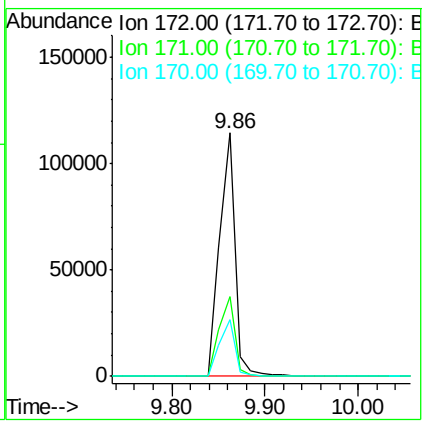


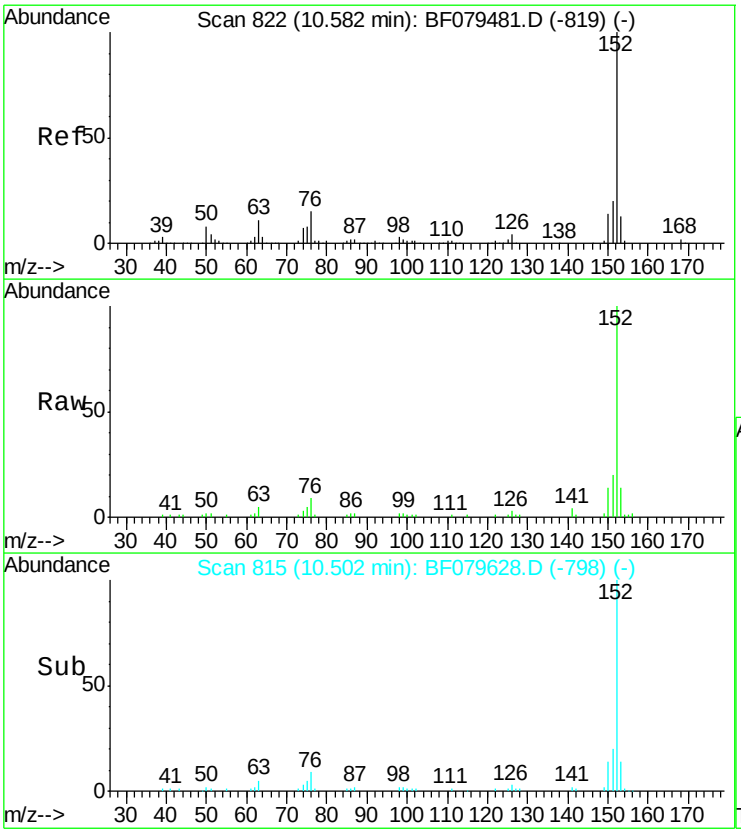
#44
2-Fluorobiphenyl
Concen: 14.41 ng
RT: 9.86 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF079628.D
Acq: 31 May 2015 5:48

Instrument :
BNA_F
ClientSampleId :
SB-25SDL

Tgt Ion:172 Resp: 131082

Ion	Ratio	Lower	Upper
172	100		
171	32.8	28.5	42.7
170	23.2	19.7	29.5

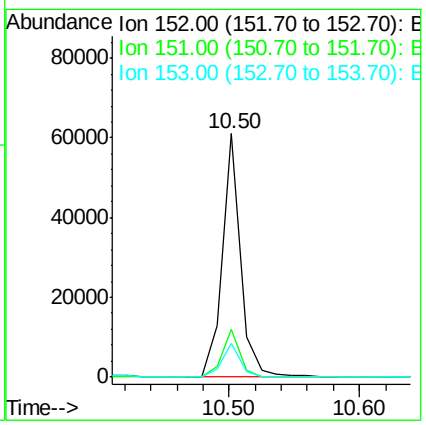


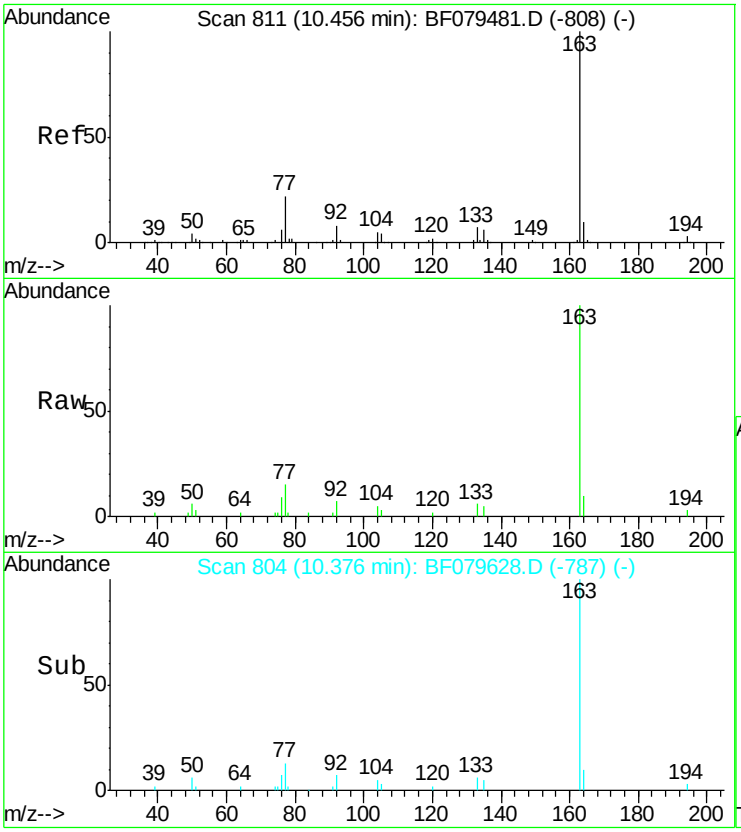


#48
Acenaphthylene
Concen: 4.52 ng
RT: 10.50 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF079628.D
Acq: 31 May 2015 5:48

Tgt Ion:152 Resp: 60027

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8
153	13.7	10.7	16.1



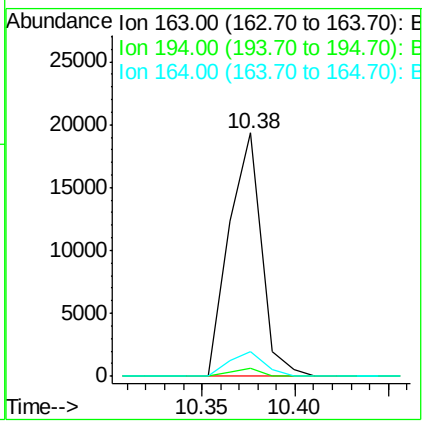


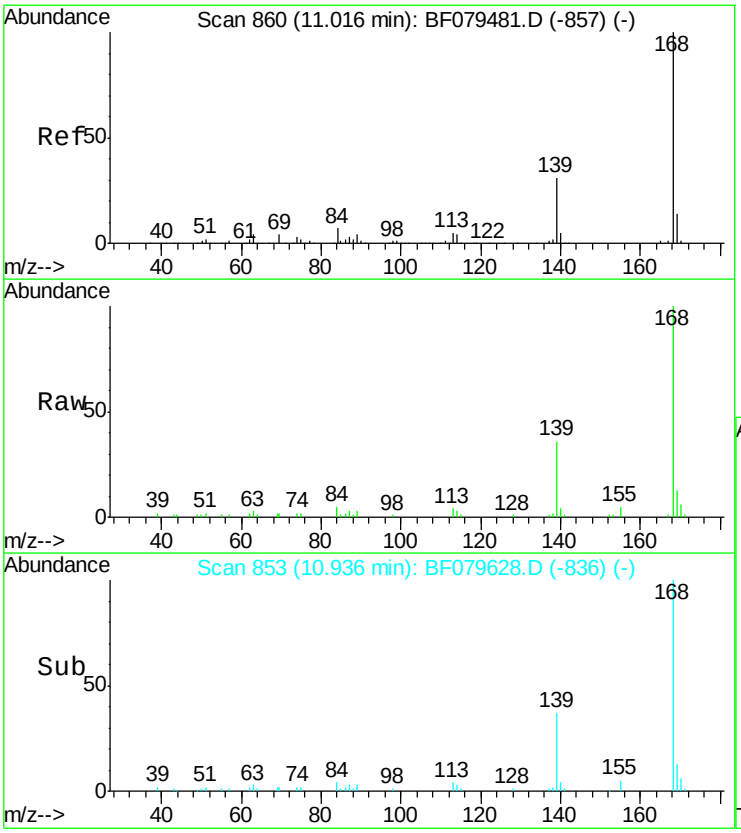
#49
Dimethylphthalate
Concen: 2.46 ng
RT: 10.38 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF079628.D
Acq: 31 May 2015 5:48

Instrument :
BNA_F
ClientSampleId :
SB-25SDL

Tgt Ion:163 Resp: 23514

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.4	3.6
164	10.3	8.2	12.4

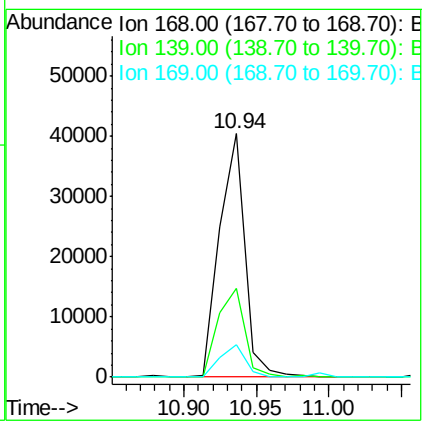


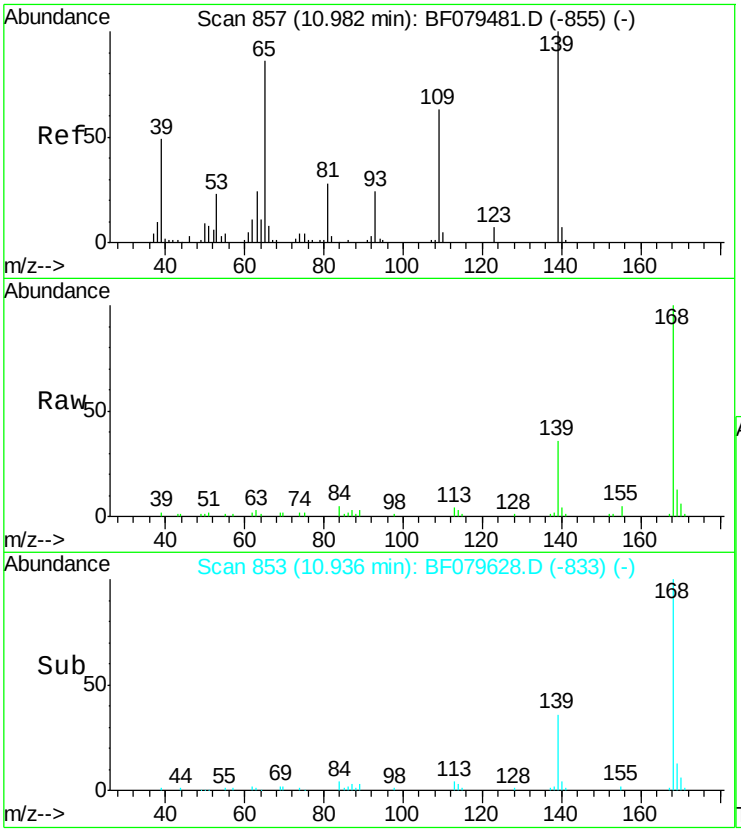


#54
Dibenzofuran
Concen: 4.41 ng
RT: 10.94 min Scan# 853
Delta R.T. -0.00 min
Lab File: BF079628.D
Acq: 31 May 2015 5:48

Tgt Ion:168 Resp: 49386

Ion	Ratio	Lower	Upper
168	100		
139	36.3	32.9	49.3
169	13.1	11.1	16.7



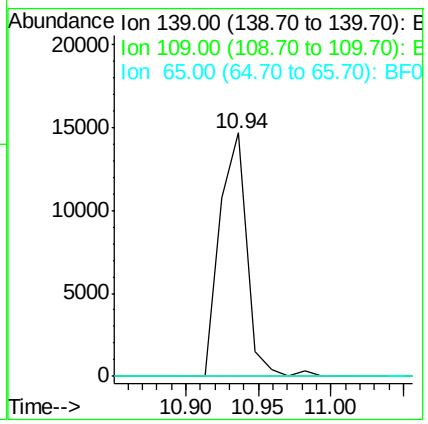


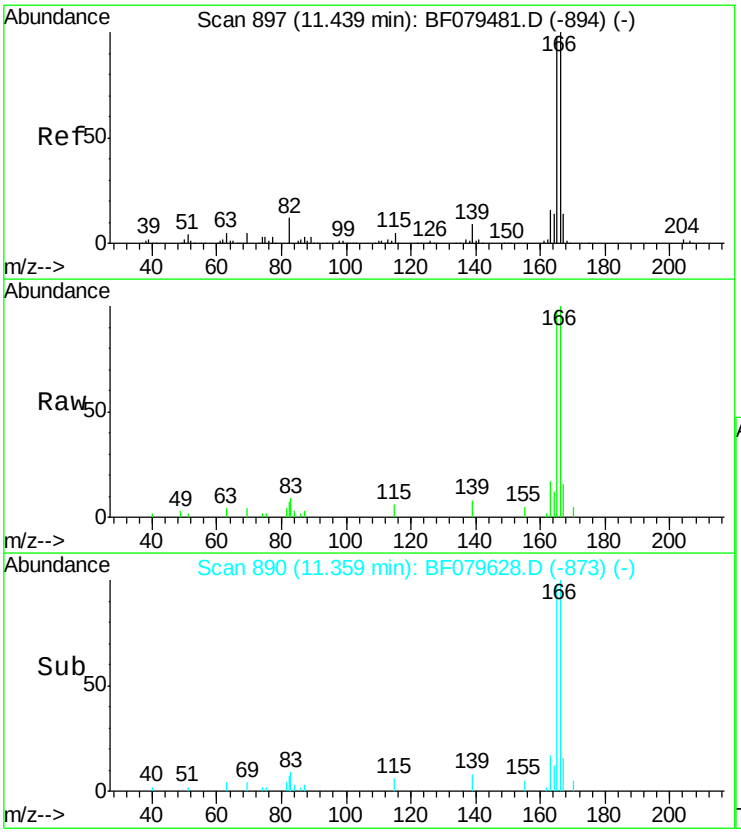
#55
4-Nitrophenol
Concen: 13.77 ng
RT: 10.94 min Scan# 853
Delta R.T. 0.03 min
Lab File: BF079628.D
Acq: 31 May 2015 5:48

Instrument :
BNA_F
ClientSampleId :
SB-25SDL

Tgt Ion:139 Resp: 18971

Ion	Ratio	Lower	Upper
139	100		
109	0.0	42.8	82.8#
65	0.0	66.3	106.3#

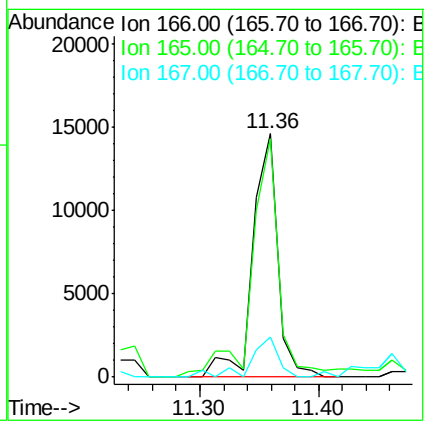


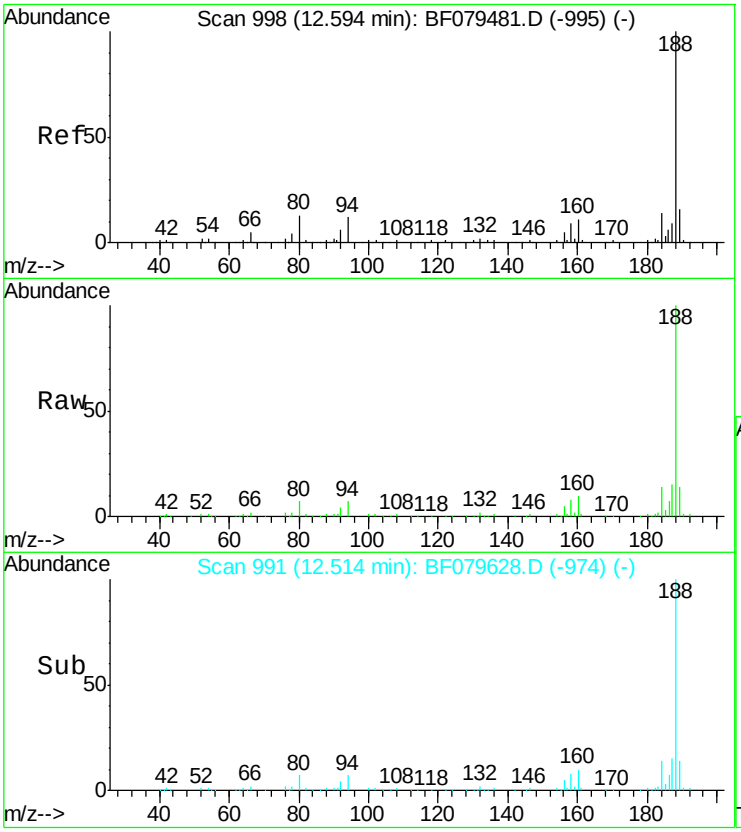


#57
Fluorene
Concen: 2.32 ng
RT: 11.36 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF079628.D
Acq: 31 May 2015 5:48

Tgt Ion:166 Resp: 21472

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.6	117.8
167	16.3	10.8	16.2#



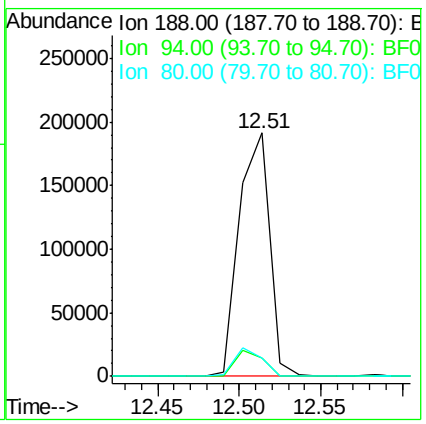


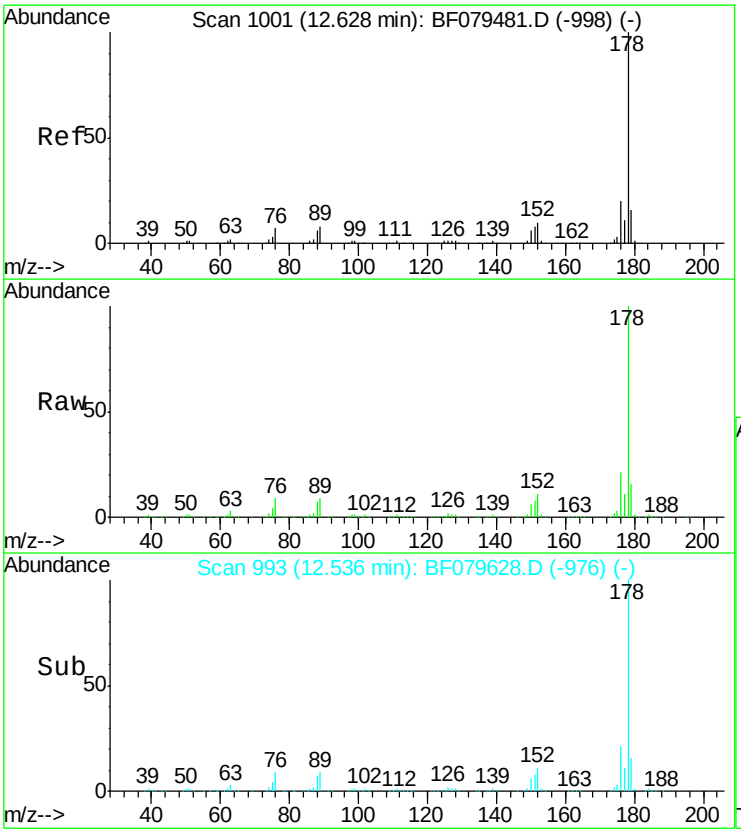
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.51 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF079628.D
Acq: 31 May 2015 5:48

Instrument :
BNA_F
ClientSampleId :
SB-25SDL

Tgt Ion:188 Resp: 246963

Ion	Ratio	Lower	Upper
188	100		
94	7.3	9.8	14.6#
80	7.3	10.5	15.7#

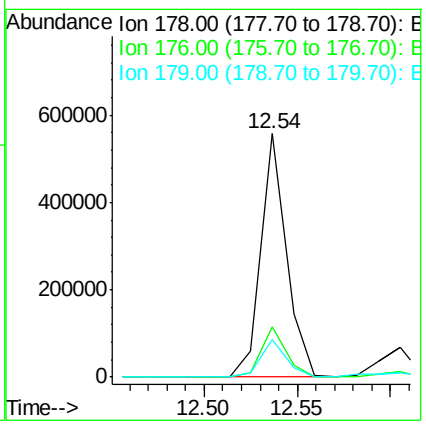


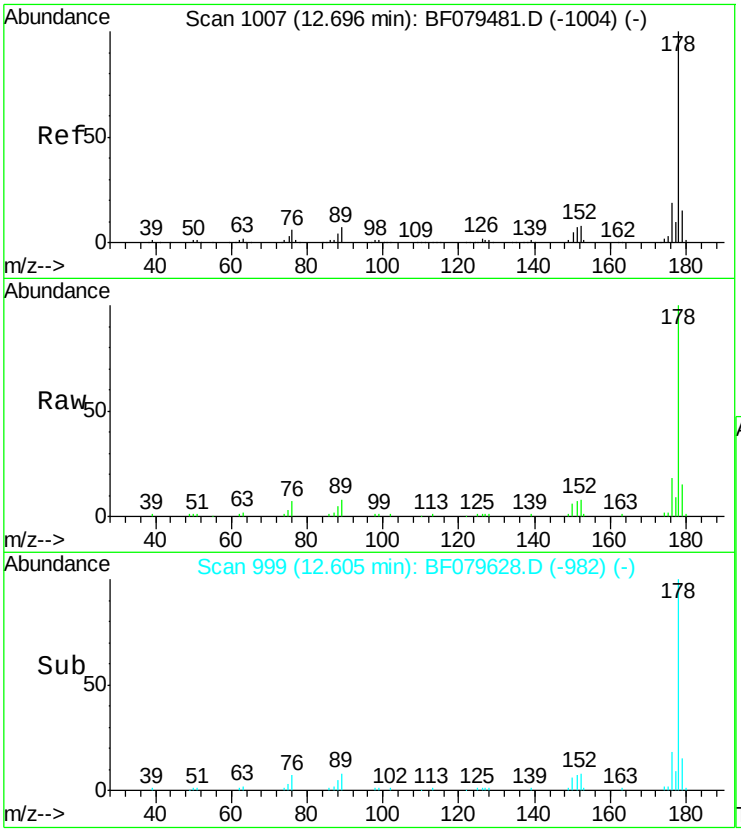


#70
Phenanthrene
Concen: 38.84 ng
RT: 12.54 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF079628.D
Acq: 31 May 2015 5:48

Tgt Ion:178 Resp: 526234

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.7	23.5
179	15.7	12.4	18.6



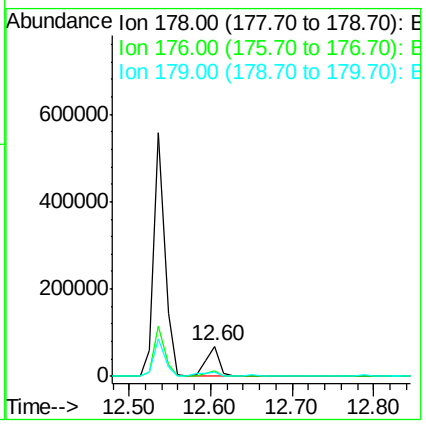


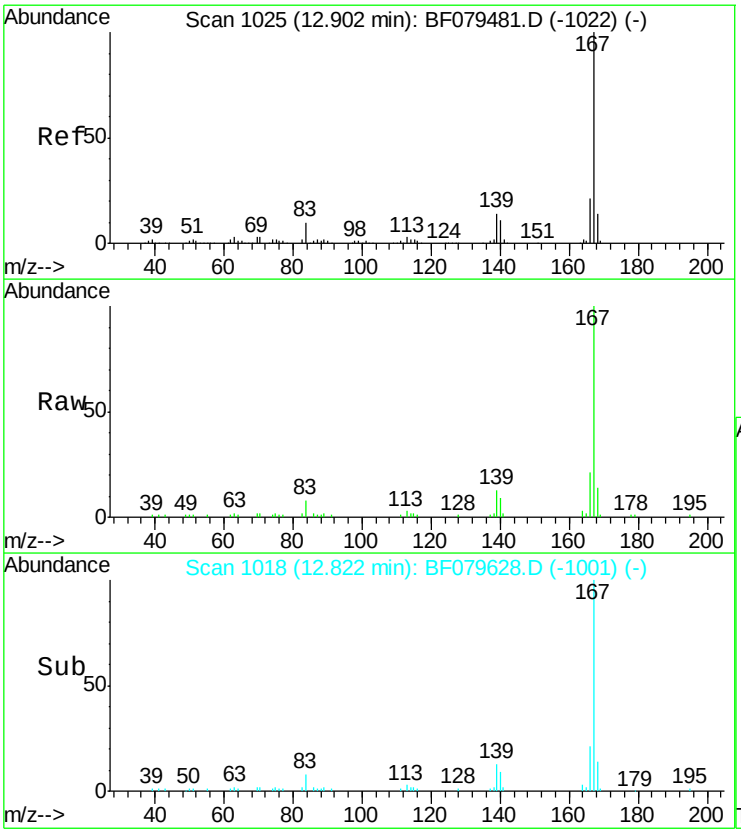
#71
Anthracene
Concen: 6.14 ng
RT: 12.60 min Scan# 999
Delta R.T. -0.00 min
Lab File: BF079628.D
Acq: 31 May 2015 5:48

Instrument :
BNA_F
ClientSampleId :
SB-25SDL

Tgt Ion:178 Resp: 84489

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.3	22.9
179	15.2	12.2	18.4

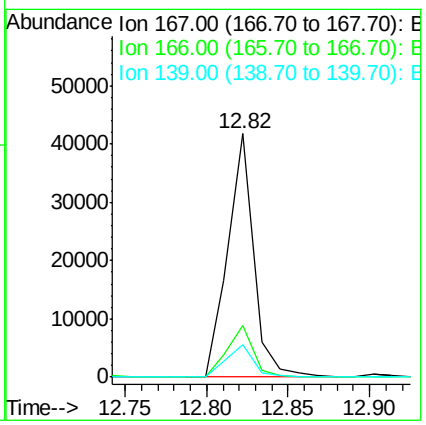


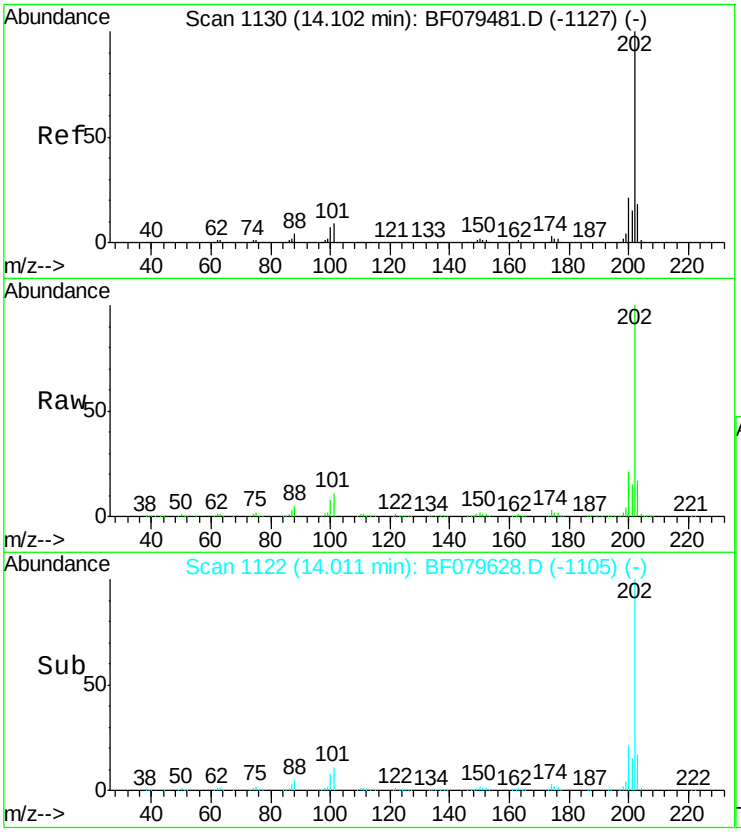


#72
Carbazole
Concen: 3.45 ng
RT: 12.82 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF079628.D
Acq: 31 May 2015 5:48

Tgt Ion:167 Resp: 45688

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.0	25.4
139	13.3	11.2	16.8



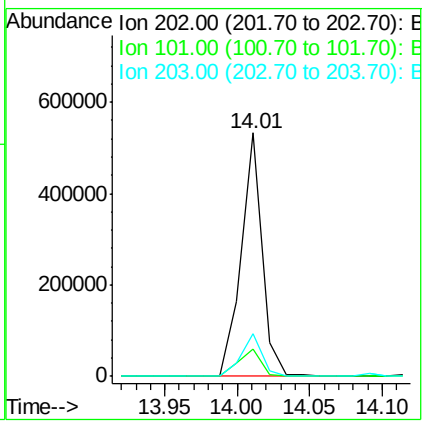


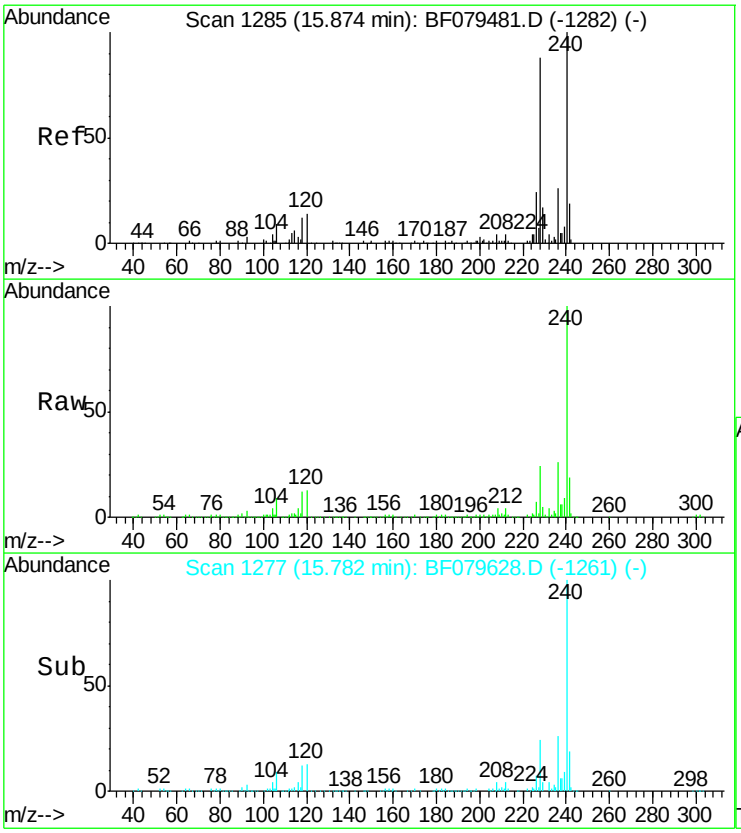
#74
Fluoranthene
Concen: 36.90 ng
RT: 14.01 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BF079628.D
Acq: 31 May 2015 5:48

Instrument :
BNA_F
ClientSampleId :
SB-25SDL

Tgt Ion:202 Resp: 536186

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	29.3
203	17.4	0.0	37.6

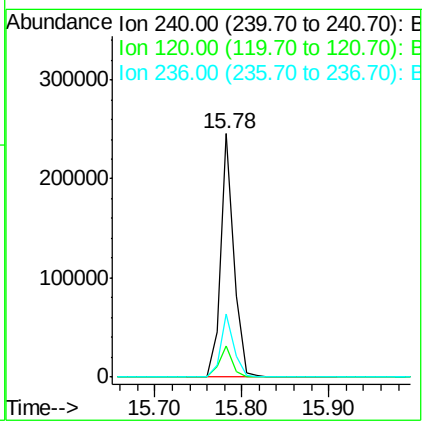


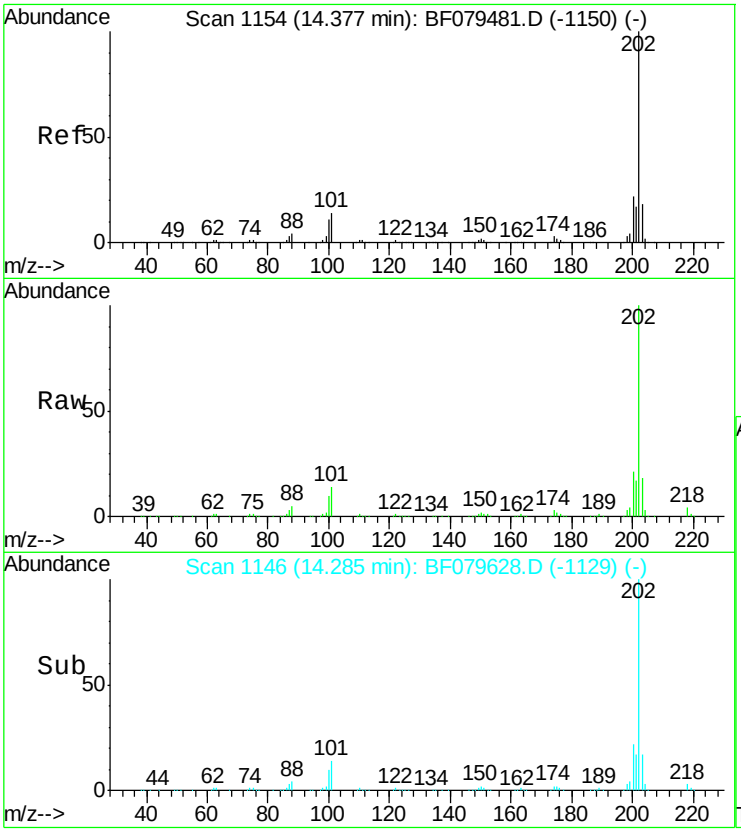


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.78 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF079628.D
Acq: 31 May 2015 5:48

Tgt Ion:240 Resp: 262491

Ion	Ratio	Lower	Upper
240	100		
120	12.6	10.8	16.2
236	26.1	21.0	31.6



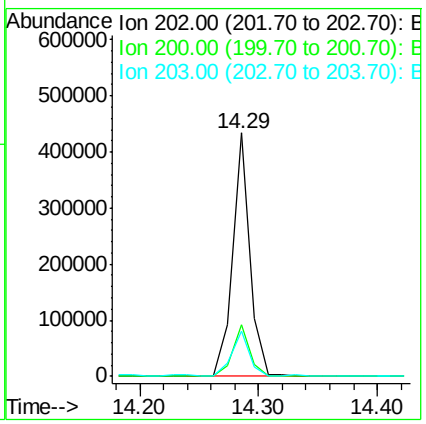


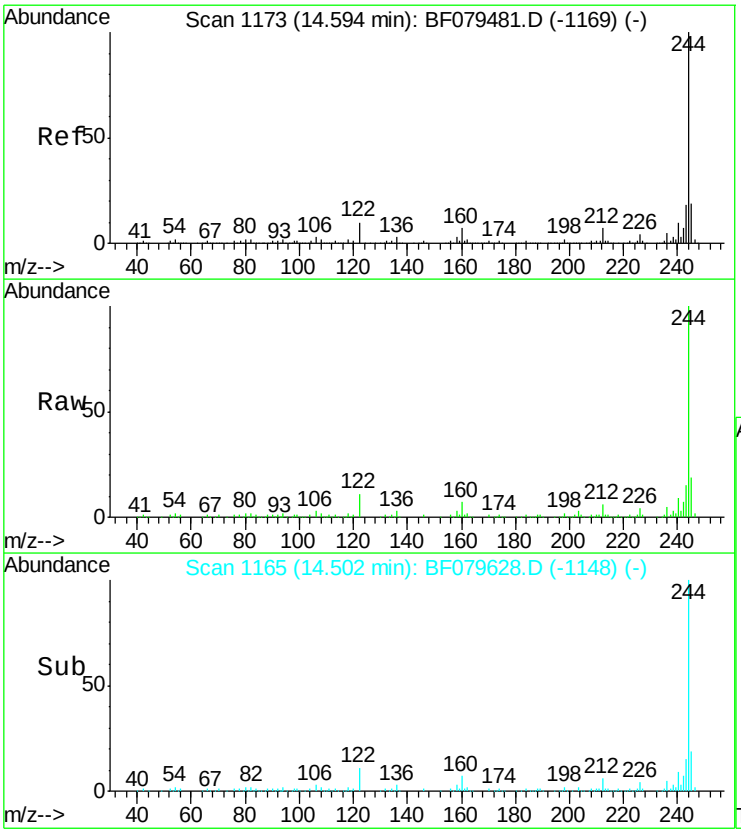
#77
Pyrene
Concen: 26.79 ng
RT: 14.29 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BF079628.D
Acq: 31 May 2015 5:48

Instrument :
BNA_F
ClientSampleId :
SB-25SDL

Tgt Ion:202 Resp: 435649

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.5	26.3
203	18.5	14.4	21.6





#78
Terphenyl-d14
Concen: 14.10 ng
RT: 14.50 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF079628.D
Acq: 31 May 2015 5:48

Tgt Ion:244 Resp: 157720

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.2	7.8
122	10.6	8.0	12.0