Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF052915\
Data File : BF079588.D
Acq On : 30 May 2015 6:37
Operator : TP/IZ
Sample : G2405-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-01-016-A

Quant Time: May 30 07:22:19 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 30 06:11:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	92783	20.00	ng		0.00
21) Naphthalene-d8	8.52	136	377585	20.00	ng		0.00
38) Acenaphthene-d10	10.68	164	174100	20.00	ng		-0.01
63) Phenanthrene-d10	12.53	188	312135	20.00	ng		0.00
75) Chrysene-d12	15.79	240	320248	20.00	ng		0.00
86) Perylene-d12	17.52	264	335827	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	471147	88.08	ng		0.00
7) Phenol-d6	6.55	99	617655	90.59	ng		0.00
23) Nitrobenzene-d5	7.64	82	340521	52.13	ng		-0.01
41) 2,4,6-Tribromophenol	11.67	330	160379	83.87	ng		0.00
44) 2-Fluorobiphenyl	9.87	172	659575	54.05	ng		0.00
78) Terphenyl-d14	14.51	244	658755	48.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.66	88	179571	70.57	ng	#	100
49) Dimethylphthalate	10.39	163	99938	7.79	ng		99
70) Phenanthrene	12.55	178	39217	2.29	ng		98
71) Anthracene	12.55	178	39217	2.26	ng		99
73) Di-n-butylphthalate	13.29	149	3028	Below Cal		#	78
74) Fluoranthene	14.02	202	107095	5.83	ng		97
77) Pyrene	14.30	202	92695	4.67	ng		97
79) Butylbenzylphthalate	15.14	149	112158	12.57	ng	#	85
80) Benzo(a)anthracene	15.78	228	52804	2.87	ng		97
82) Chrysene	15.83	228	47293	2.70	ng		98
87) Benzo(b)fluoranthene	17.07	252	88404	4.62	ng	#	92
88) Benzo(k)fluoranthene	17.07	252	88404	5.16	ng	#	91
90) Dibenzo(a,h)anthracene	18.82	278	11698	Below Cal		#	66
91) Benzo(g,h,i)perylene	19.19	276	34611	Below Cal			94

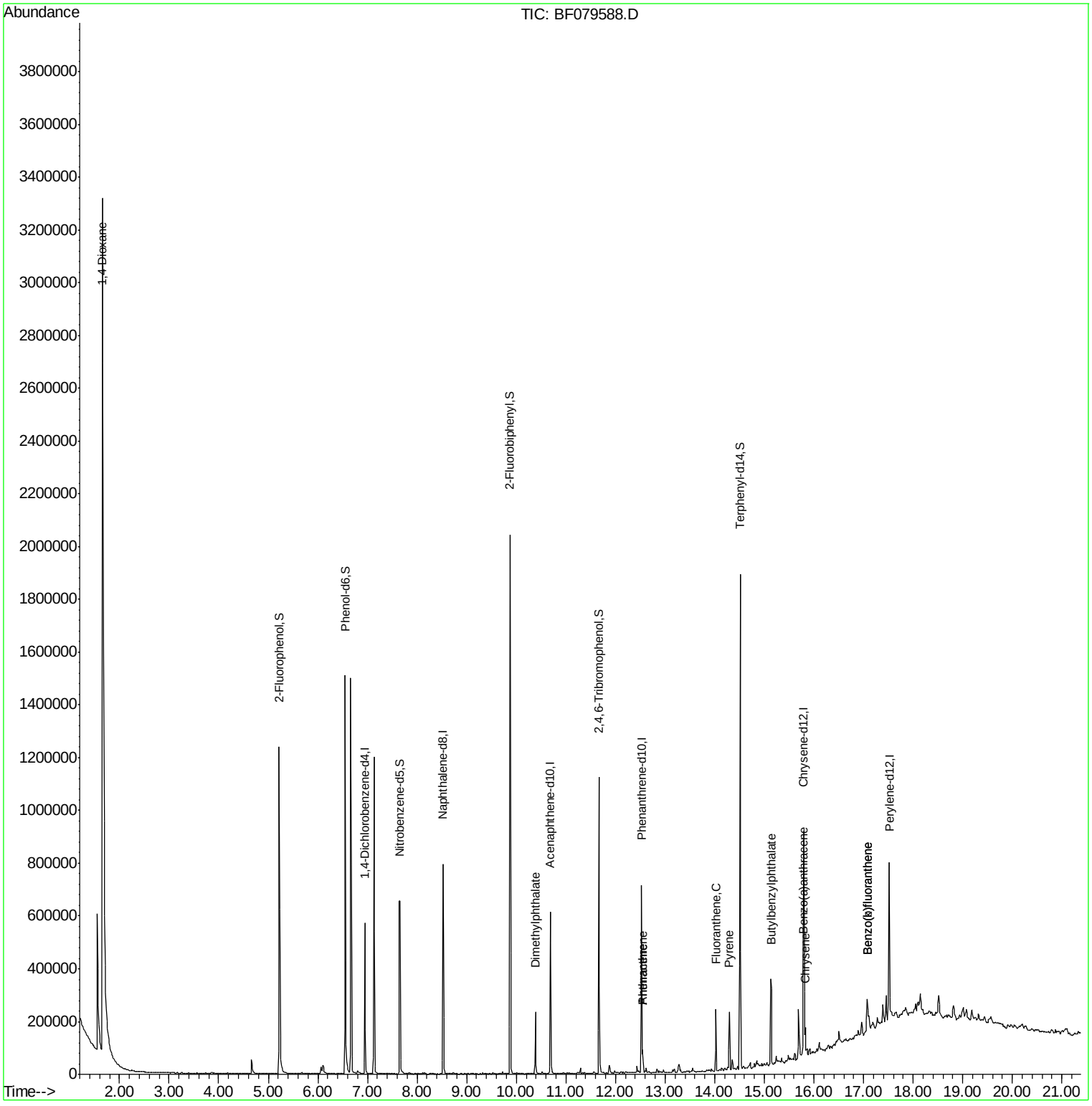
(#) = qualifier out of range (m) = manual integration (+) = signals summed

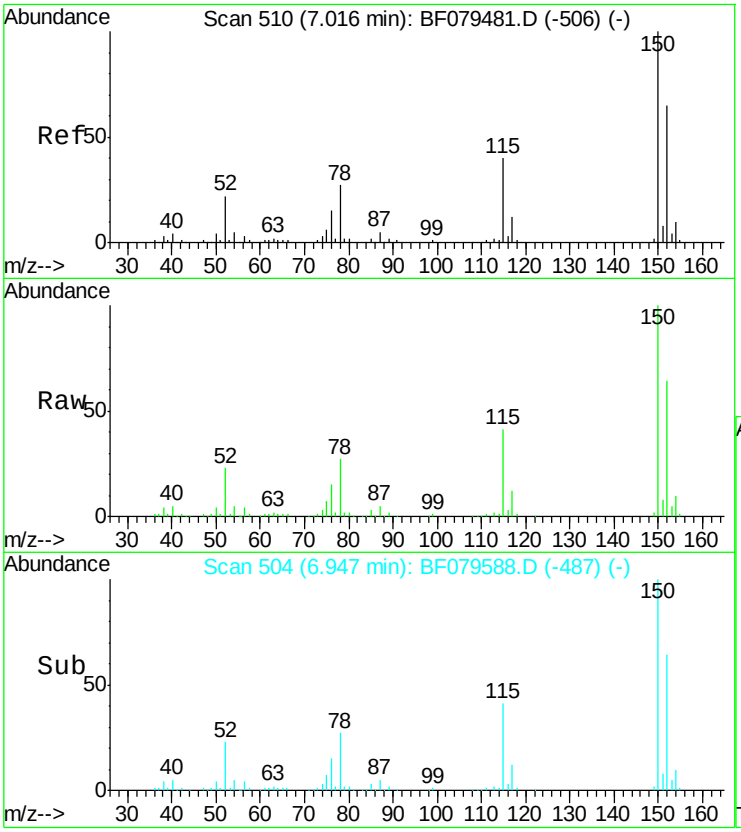
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF052915\
Data File : BF079588.D
Acq On : 30 May 2015 6:37
Operator : TP/IZ
Sample : G2405-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-016-A

Quant Time: May 30 07:22:19 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 30 06:11:31 2015
Response via : Initial Calibration



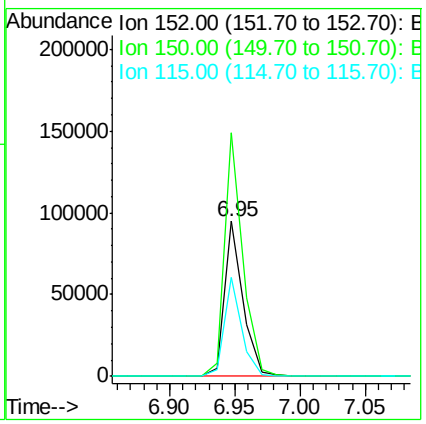


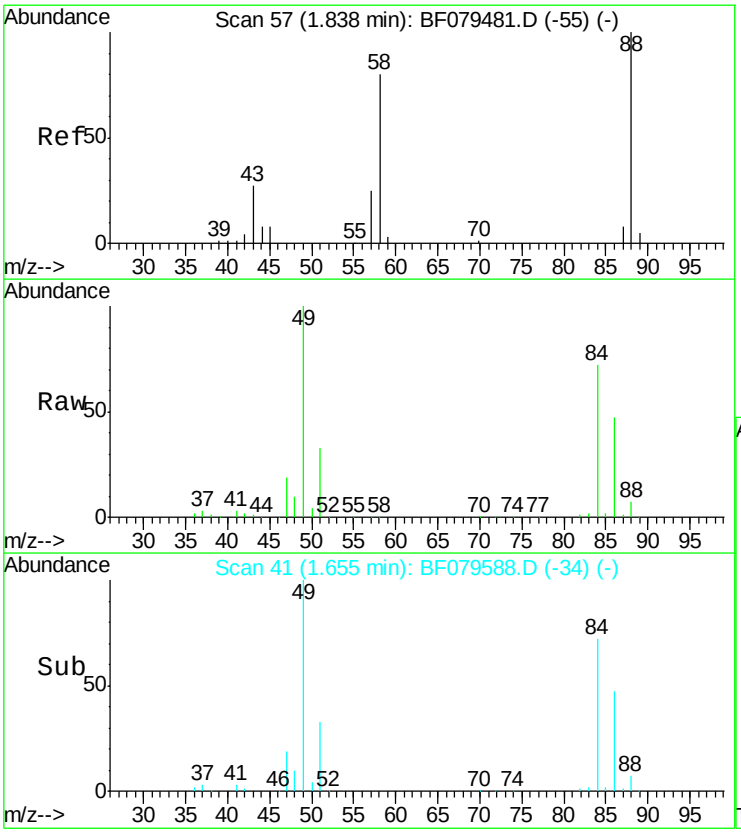
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 504
Delta R.T. -0.00 min
Lab File: BF079588.D
Acq: 30 May 2015 6:37

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-016-A

Tgt Ion:152 Resp: 92783

Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.0	186.0
115	64.1	49.6	74.4

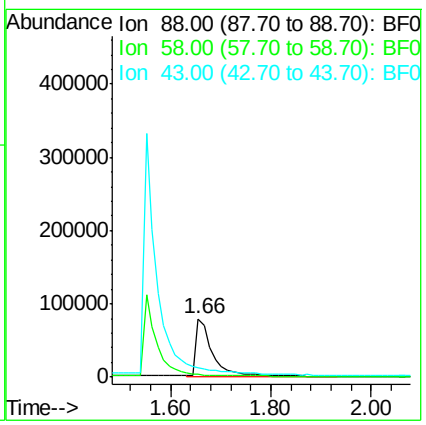


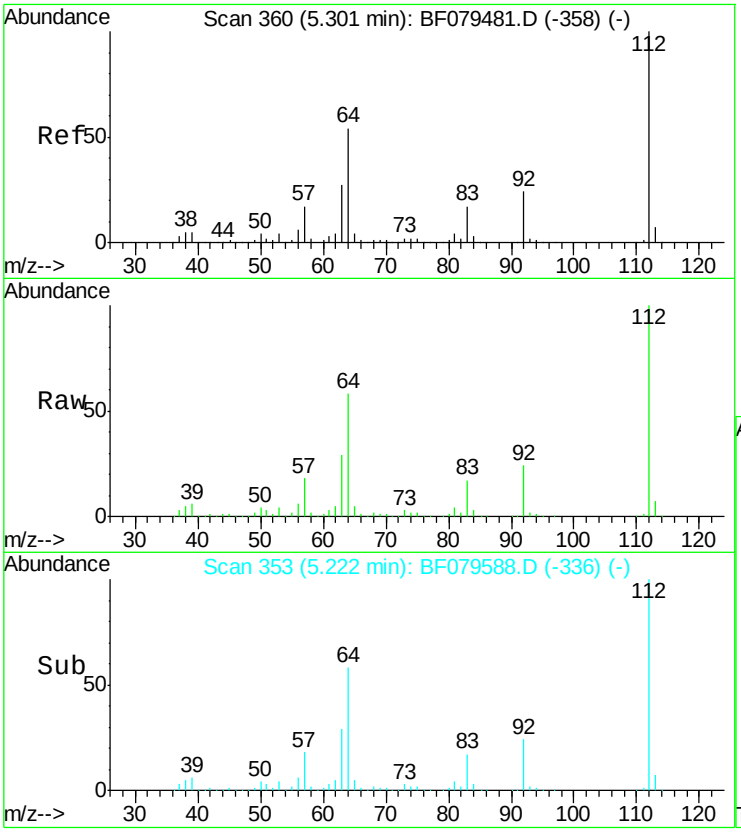


#2
1,4-Dioxane
Concen: 70.57 ng
RT: 1.66 min Scan# 41
Delta R.T. -0.11 min
Lab File: BF079588.D
Acq: 30 May 2015 6:37

Tgt Ion: 88 Resp: 179571

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



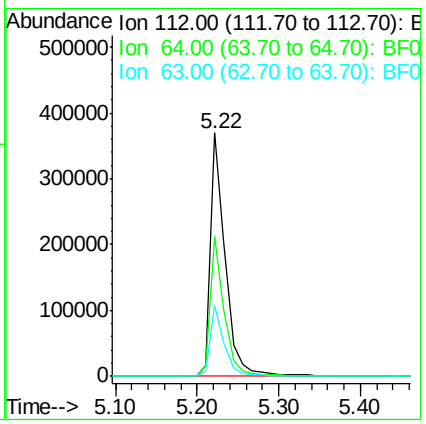


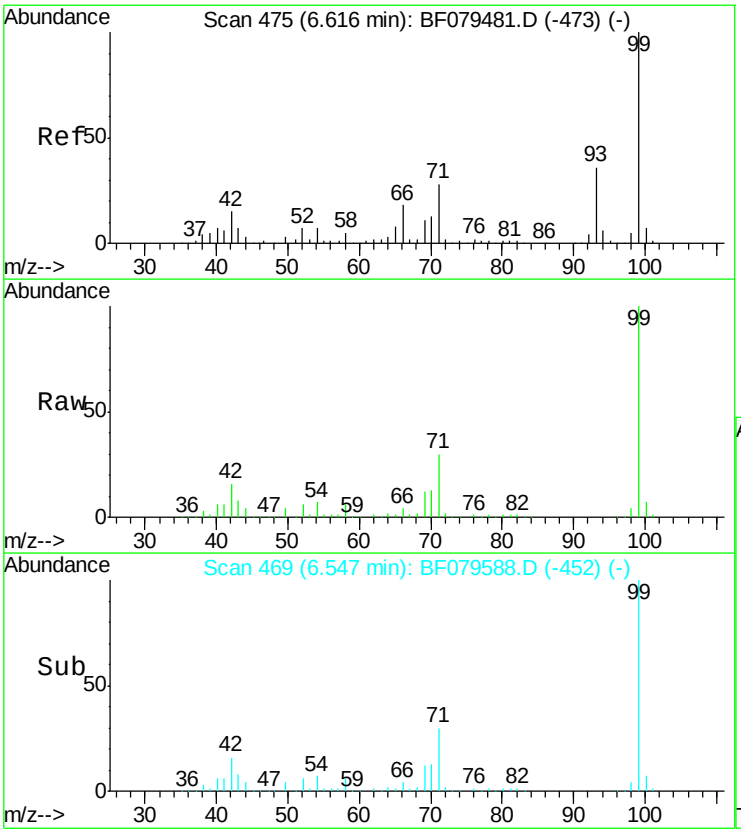
#5
2-Fluorophenol
Concen: 88.08 ng
RT: 5.22 min Scan# 353
Delta R.T. -0.00 min
Lab File: BF079588.D
Acq: 30 May 2015 6:37

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-016-A

Tgt Ion:112 Resp: 471147

Ion	Ratio	Lower	Upper
112	100		
64	57.5	43.5	65.3
63	29.3	21.8	32.8

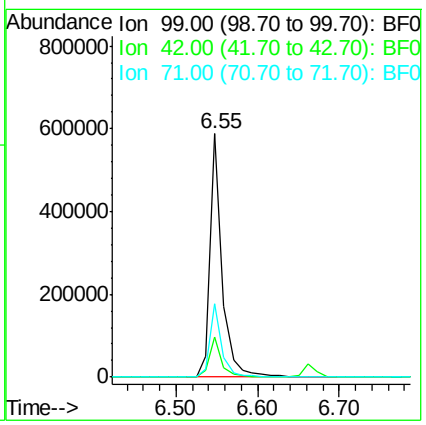


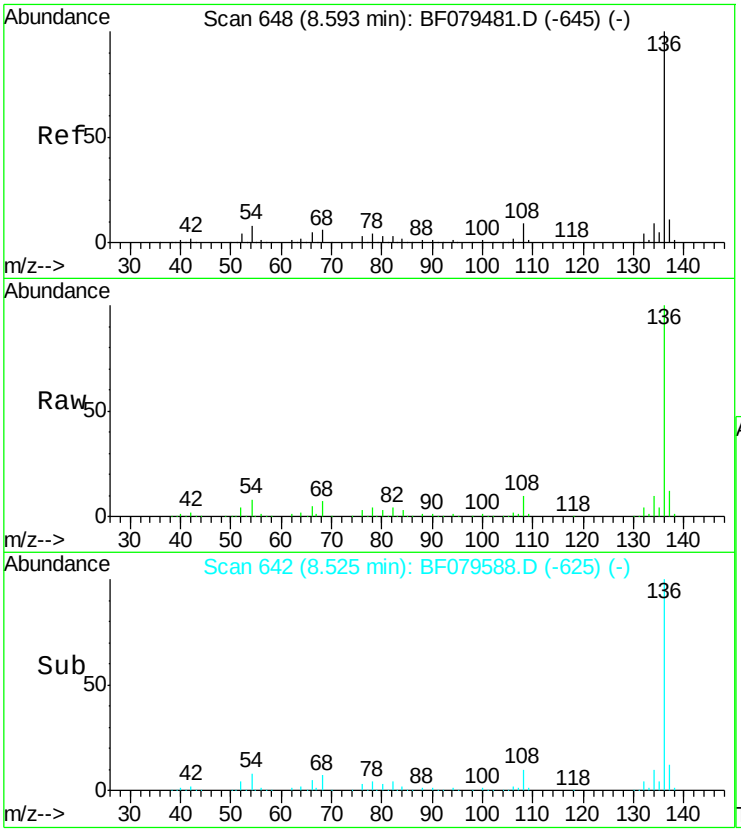


#7
Phenol-d6
Concen: 90.59 ng
RT: 6.55 min Scan# 469
Delta R.T. -0.00 min
Lab File: BF079588.D
Acq: 30 May 2015 6:37

Tgt Ion: 99 Resp: 617655

Ion	Ratio	Lower	Upper
99	100		
42	16.2	11.9	17.9
71	29.9	22.1	33.1



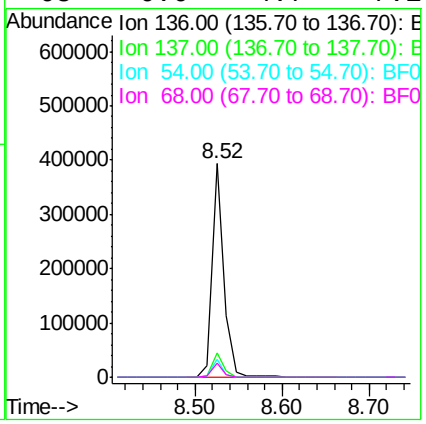


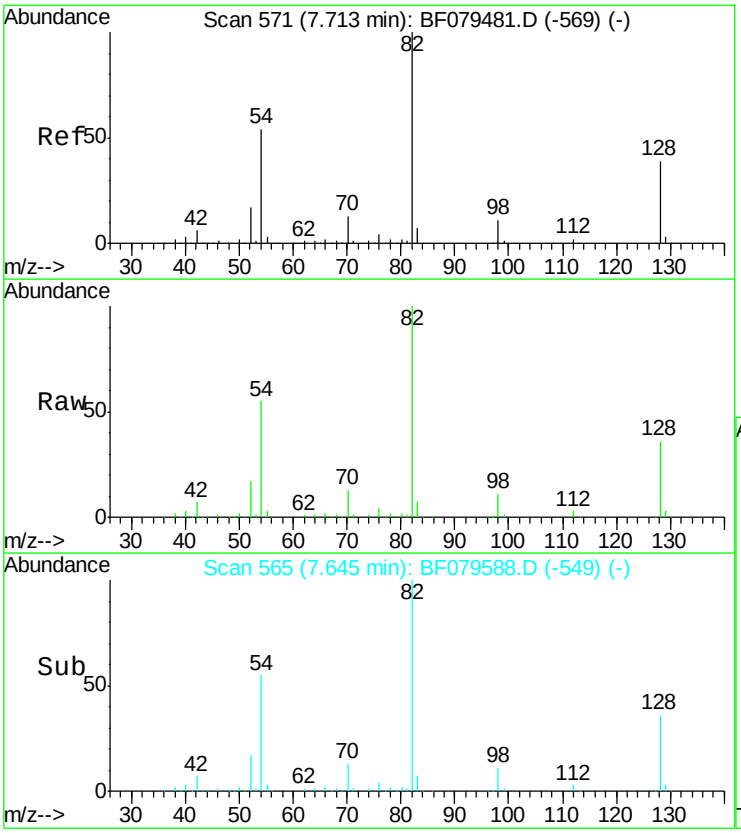
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.52 min Scan# 642
Delta R.T. -0.00 min
Lab File: BF079588.D
Acq: 30 May 2015 6:37

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-016-A

Tgt Ion:136 Resp: 377585

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.5	12.7
54	8.2	6.6	9.8
68	6.6	4.7	7.1

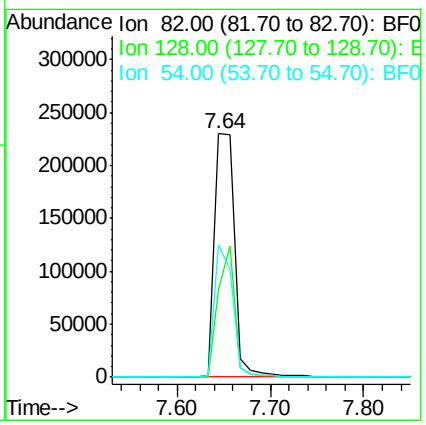


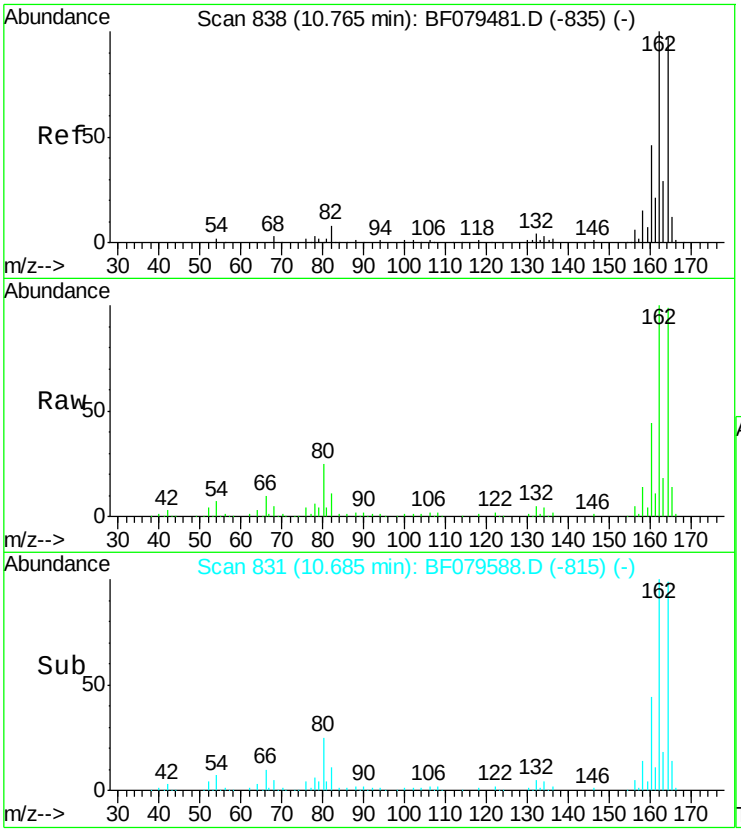


#23
Nitrobenzene-d5
Concen: 52.13 ng
RT: 7.64 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF079588.D
Acq: 30 May 2015 6:37

Tgt Ion: 82 Resp: 340521

Ion	Ratio	Lower	Upper
82	100		
128	35.8	30.8	46.2
54	54.5	42.8	64.2



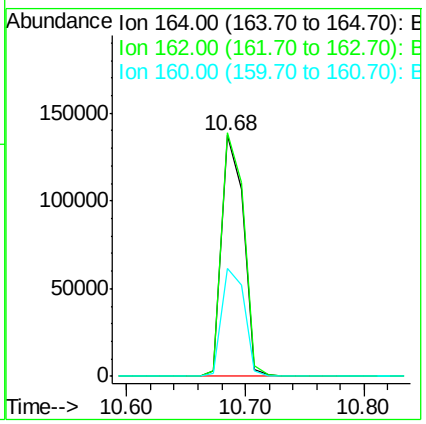


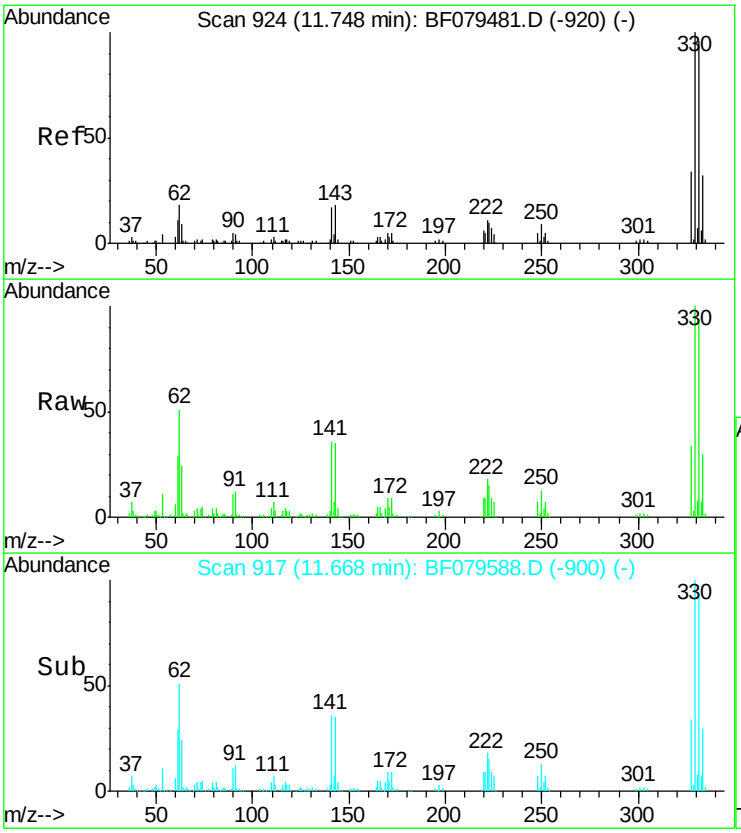
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.68 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF079588.D
Acq: 30 May 2015 6:37

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-016-A

Tgt Ion:164 Resp: 174100

Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.6	124.0
160	44.7	37.7	56.5

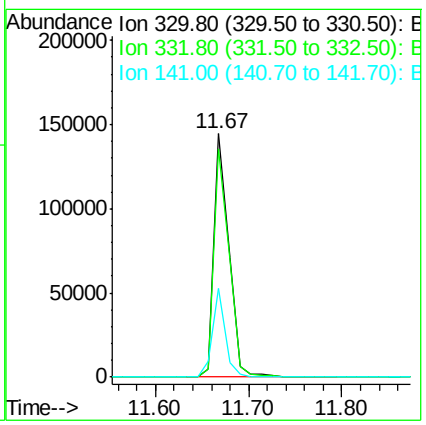


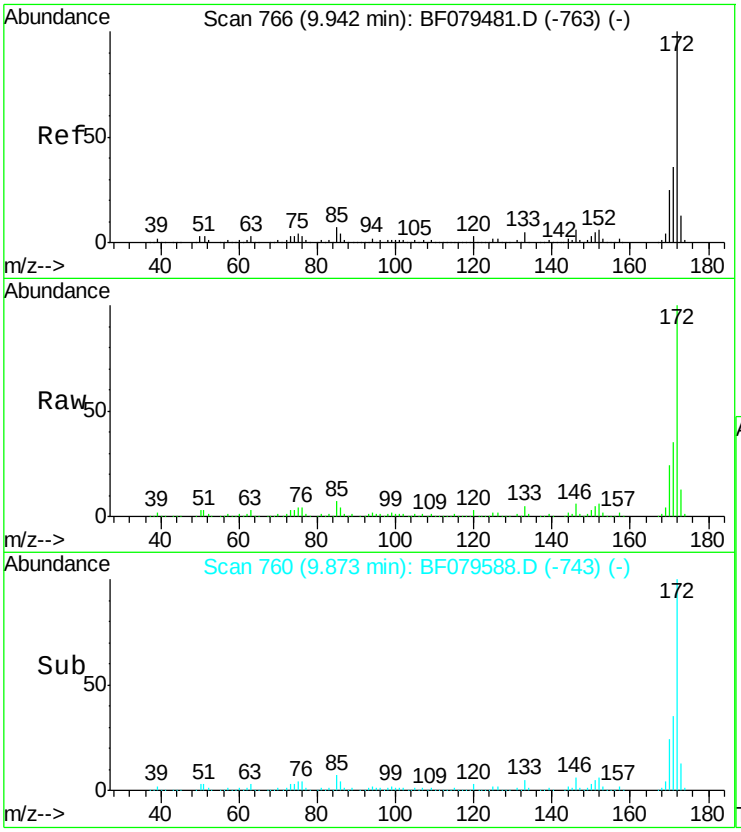


#41
2,4,6-Tribromophenol
Concen: 83.87 ng
RT: 11.67 min Scan# 917
Delta R.T. -0.00 min
Lab File: BF079588.D
Acq: 30 May 2015 6:37

Tgt Ion:330 Resp: 160379

Ion	Ratio	Lower	Upper
330	100		
332	94.9	0.0	0.0#
141	31.6	0.0	0.0#



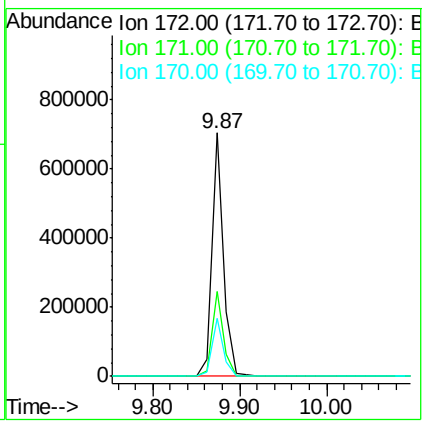


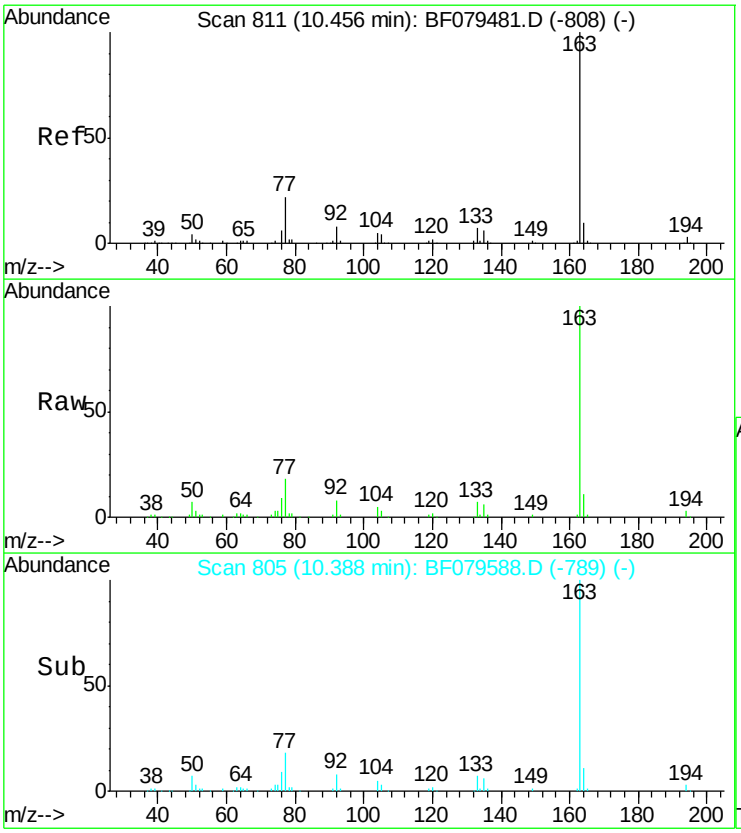
#44
2-Fluorobiphenyl
Concen: 54.05 ng
RT: 9.87 min Scan# 760
Delta R.T. -0.00 min
Lab File: BF079588.D
Acq: 30 May 2015 6:37

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-016-A

Tgt Ion:172 Resp: 659575

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	23.8	19.7	29.5

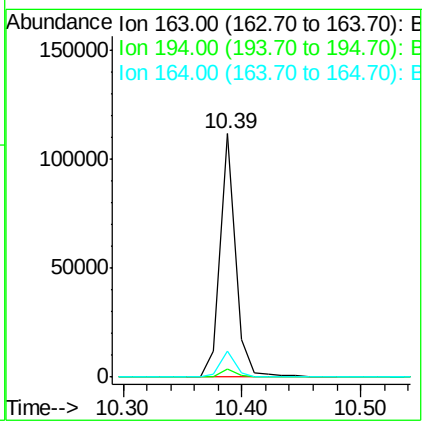


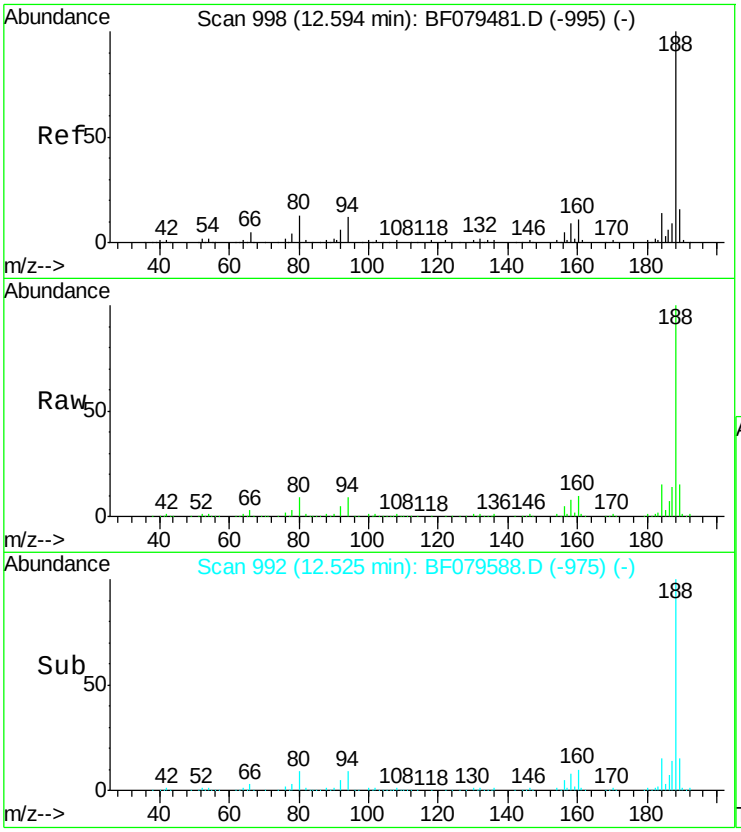


#49
Dimethylphthalate
Concen: 7.79 ng
RT: 10.39 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF079588.D
Acq: 30 May 2015 6:37

Tgt Ion:163 Resp: 99938

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.4	3.6
164	10.5	8.2	12.4



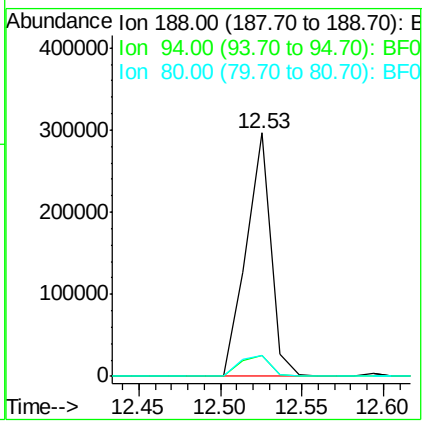


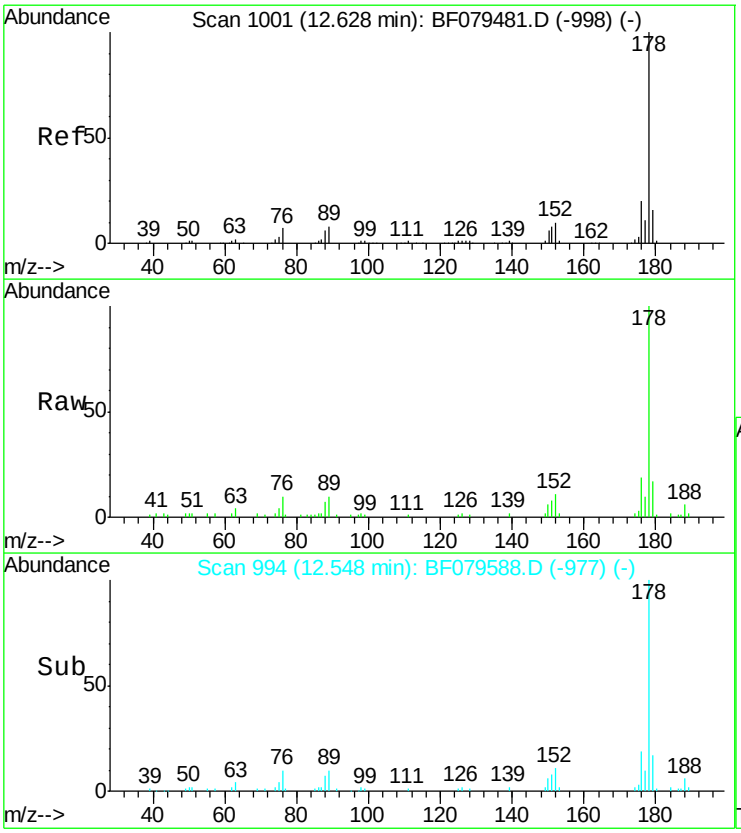
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.53 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF079588.D
Acq: 30 May 2015 6:37

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-016-A

Tgt Ion:188 Resp: 312135

Ion	Ratio	Lower	Upper
188	100		
94	8.5	9.8	14.6#
80	8.7	10.5	15.7#

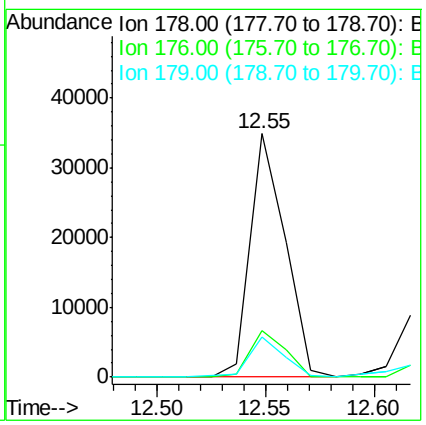


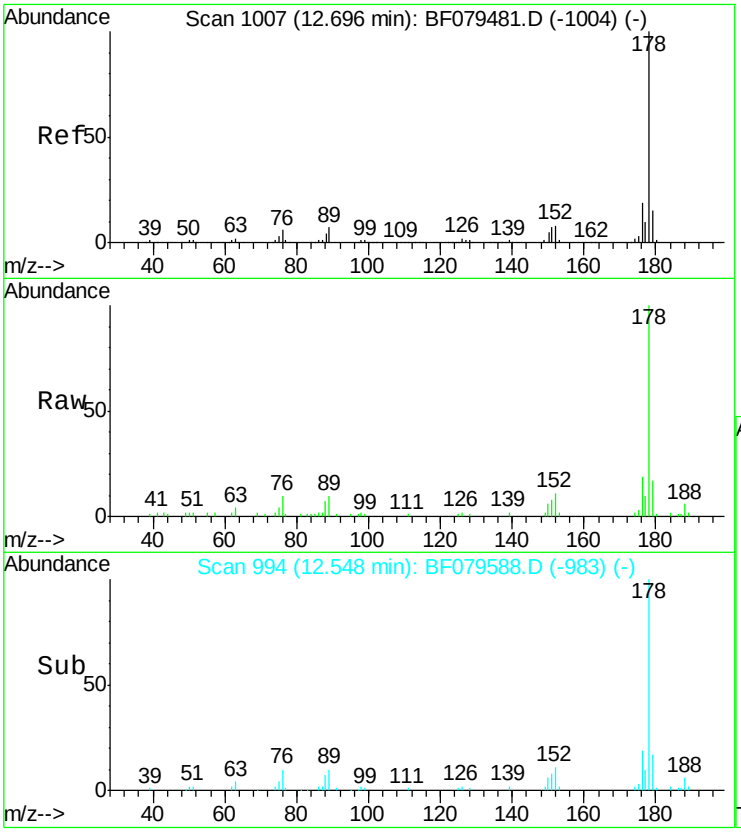


#70
Phenanthrene
Concen: 2.29 ng
RT: 12.55 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF079588.D
Acq: 30 May 2015 6:37

Tgt Ion:178 Resp: 39217

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.7	23.5
179	16.6	12.4	18.6



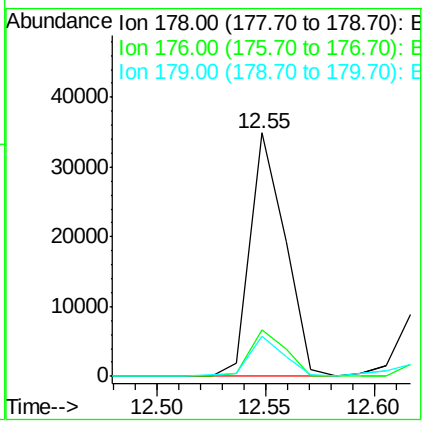


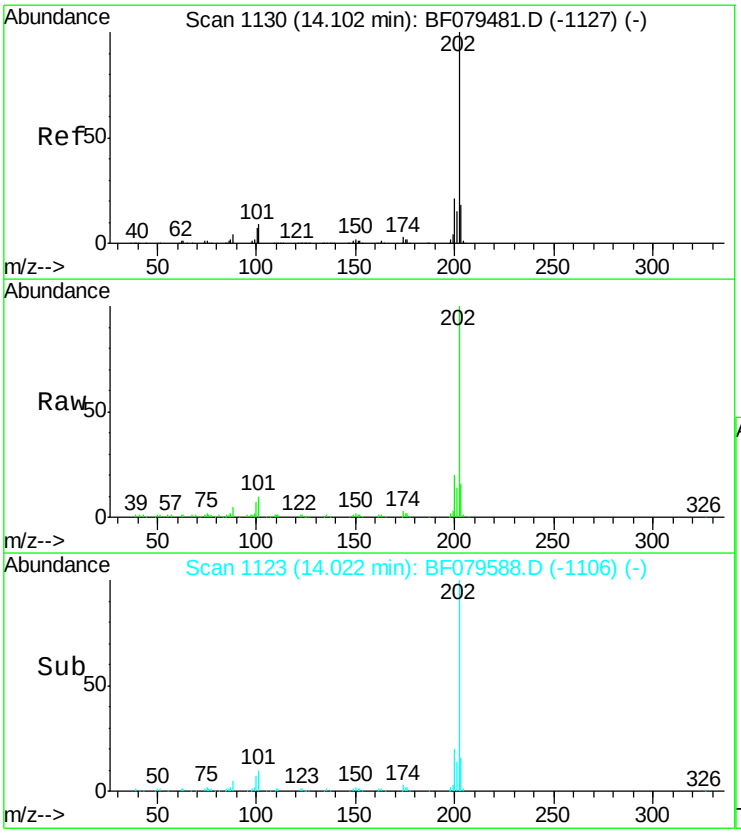
#71
Anthracene
Concen: 2.26 ng
RT: 12.55 min Scan# 994
Delta R.T. -0.07 min
Lab File: BF079588.D
Acq: 30 May 2015 6:37

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-016-A

Tgt Ion:178 Resp: 39217

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	16.6	12.2	18.4

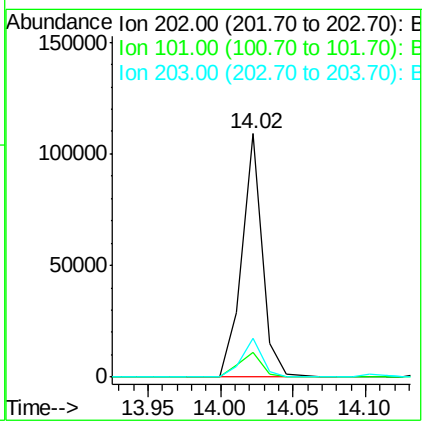


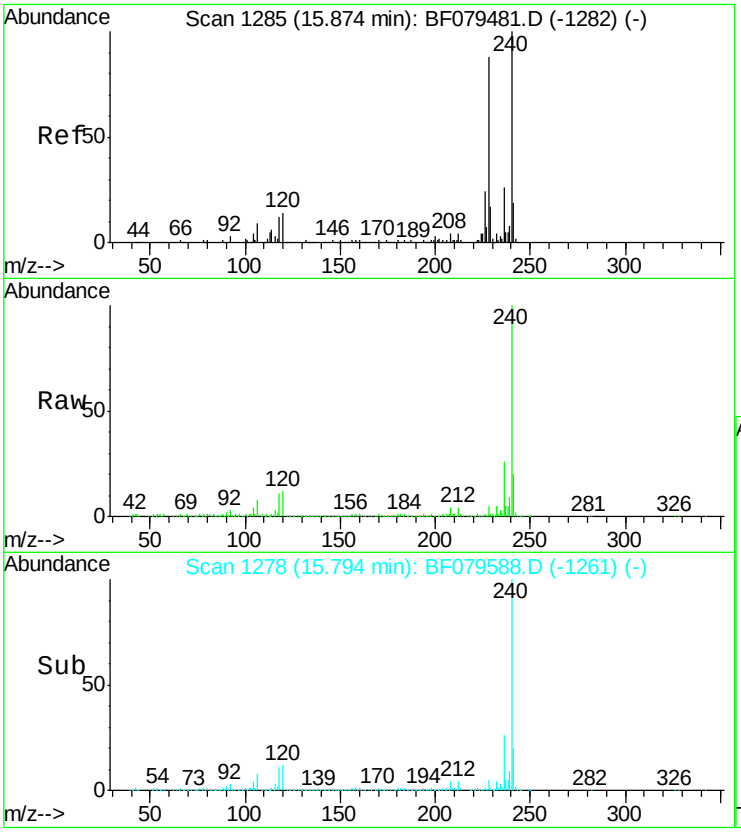


#74
Fluoranthene
Concen: 5.83 ng
RT: 14.02 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BF079588.D
Acq: 30 May 2015 6:37

Tgt Ion:202 Resp: 107095

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	29.3
203	16.0	0.0	37.6



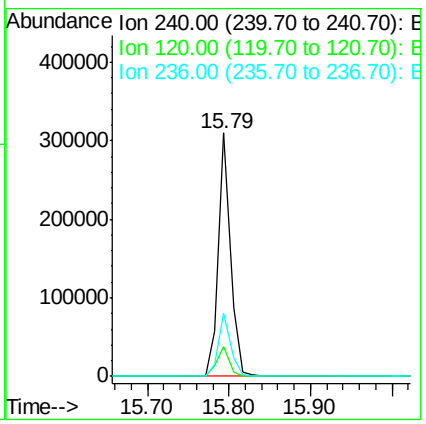


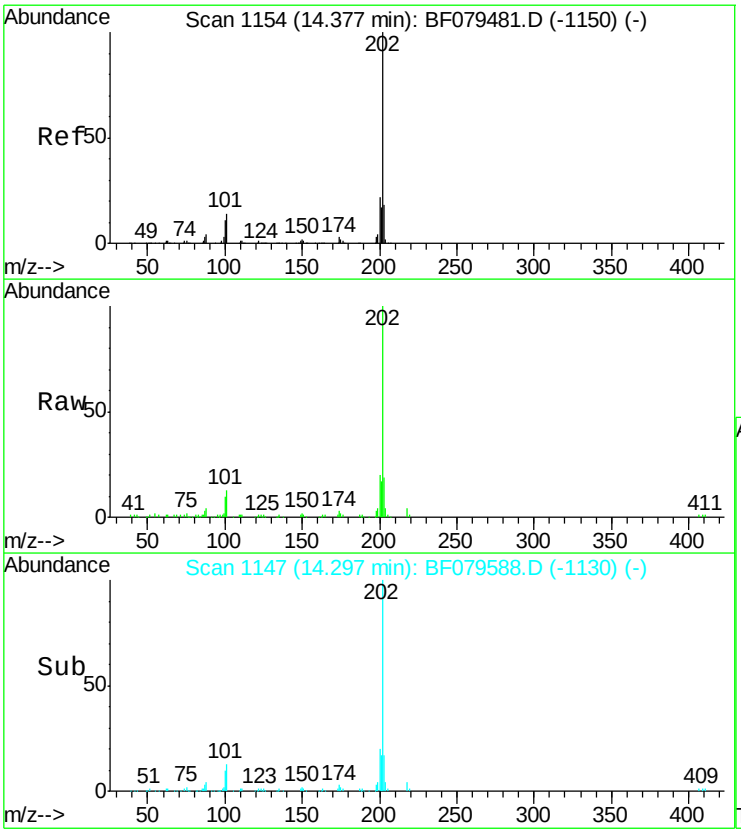
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.79 min Scan# 1278
Delta R.T. -0.00 min
Lab File: BF079588.D
Acq: 30 May 2015 6:37

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-016-A

Tgt Ion:240 Resp: 320248

Ion	Ratio	Lower	Upper
240	100		
120	12.5	10.8	16.2
236	26.1	21.0	31.6

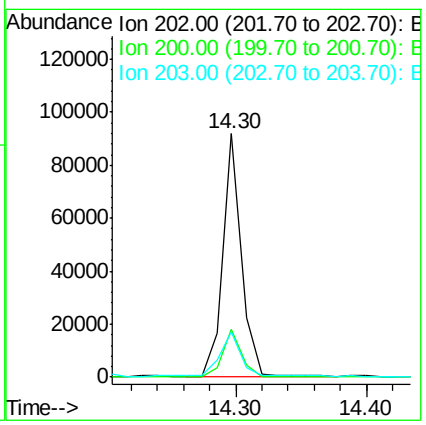


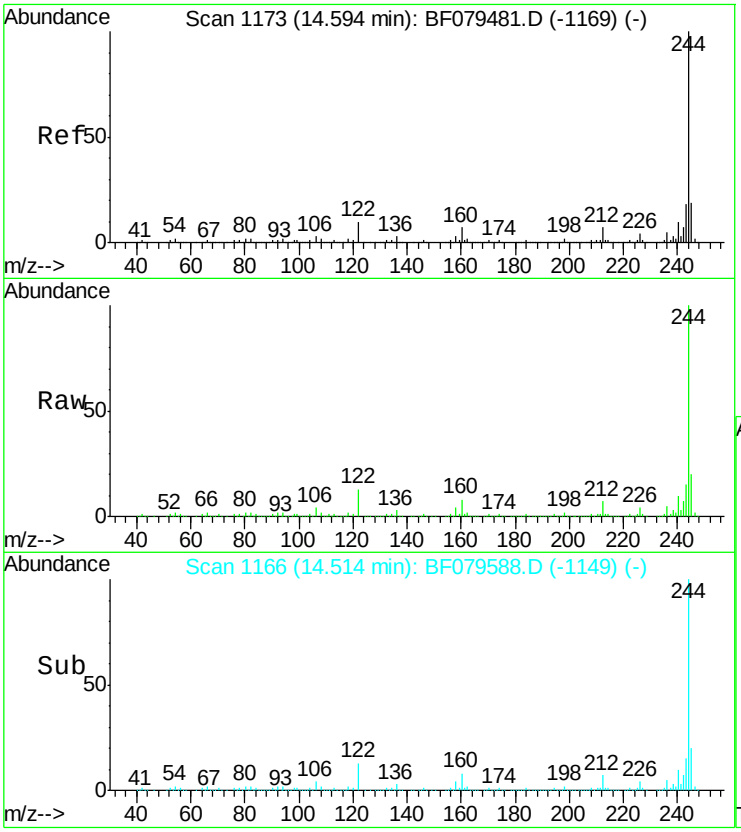


#77
Pyrene
Concen: 4.67 ng
RT: 14.30 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF079588.D
Acq: 30 May 2015 6:37

Tgt Ion:202 Resp: 92695

Ion	Ratio	Lower	Upper
202	100		
200	19.7	17.5	26.3
203	18.6	14.4	21.6



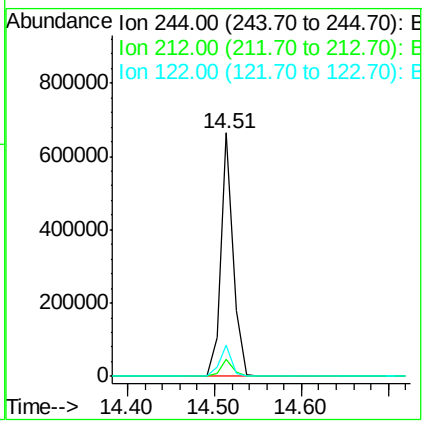


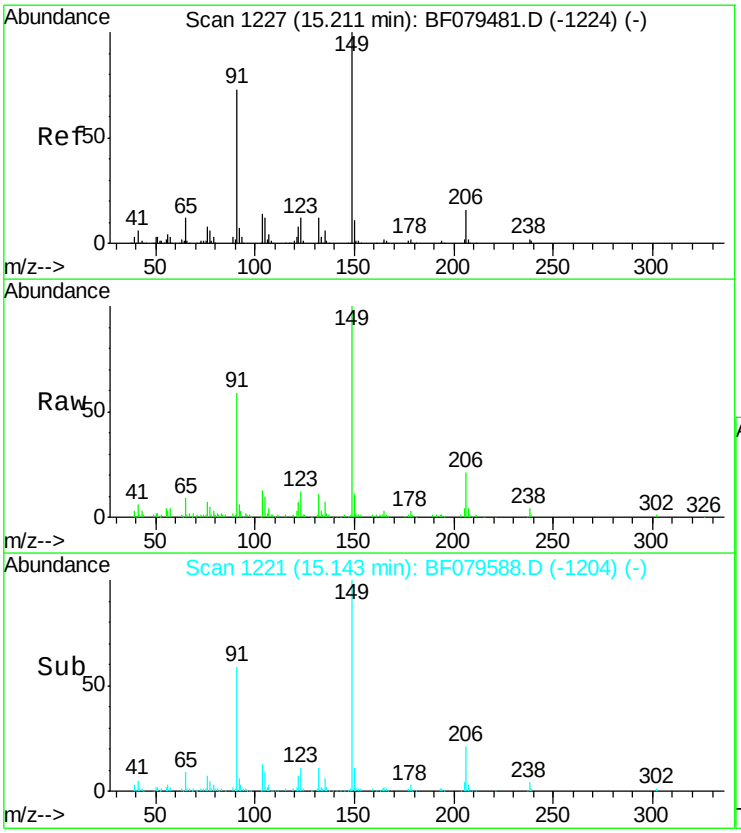
#78
Terphenyl-d14
Concen: 48.27 ng
RT: 14.51 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF079588.D
Acq: 30 May 2015 6:37

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-016-A

Tgt Ion:244 Resp: 658755

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.2	7.8
122	12.8	8.0	12.0#

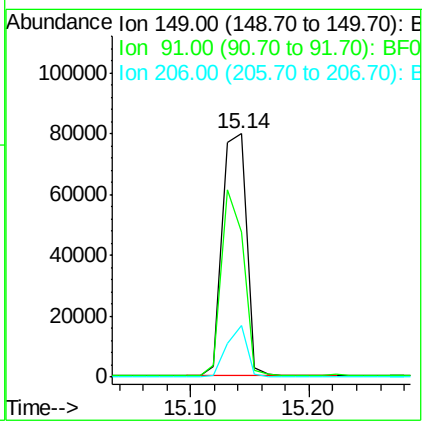


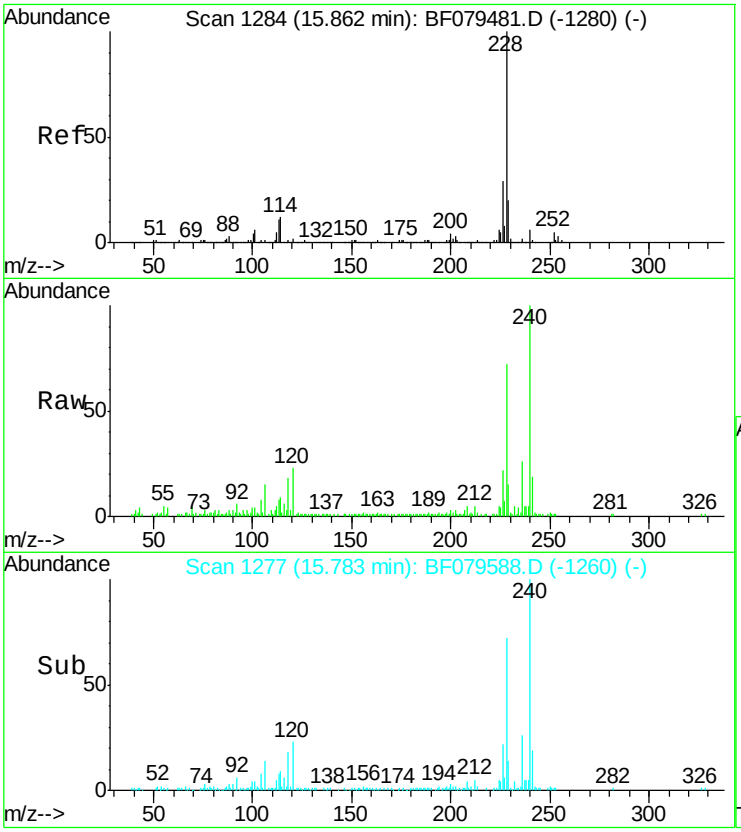


#79
Butylbenzylphthalate
Concen: 12.57 ng
RT: 15.14 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BF079588.D
Acq: 30 May 2015 6:37

Tgt Ion:149 Resp: 112158

Ion	Ratio	Lower	Upper
149	100		
91	59.5	58.1	87.1
206	21.3	13.1	19.7#



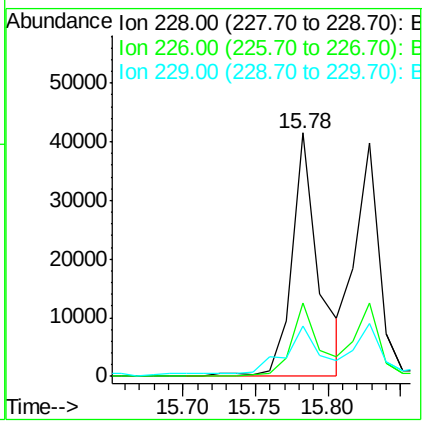


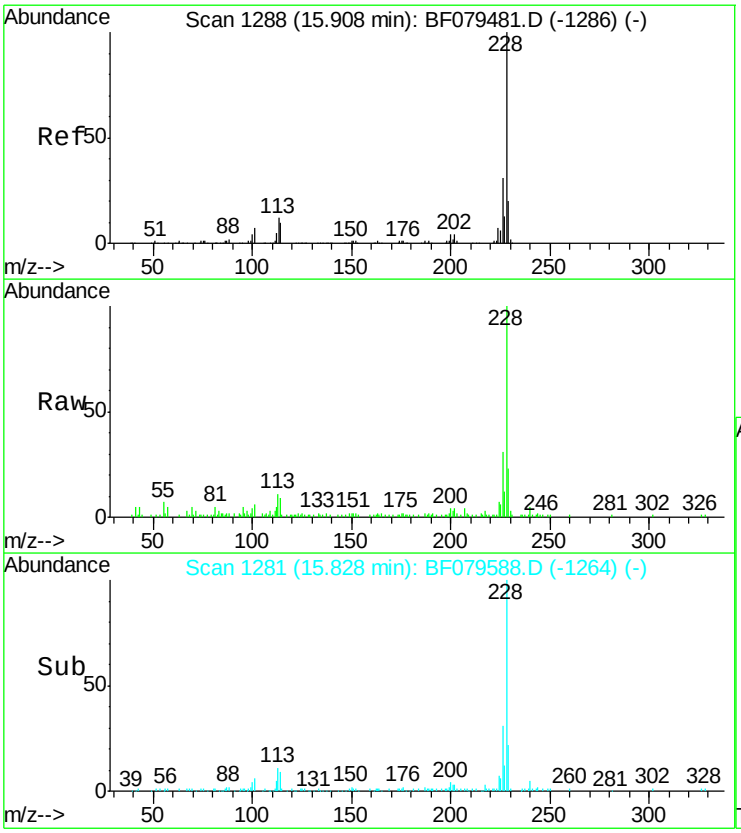
#80
Benzo(a)anthracene
Concen: 2.87 ng
RT: 15.78 min Scan# 1277
Delta R.T. -0.00 min
Lab File: BF079588.D
Acq: 30 May 2015 6:37

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-016-A

Tgt Ion:228 Resp: 52804

Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.8	34.2
229	20.7	15.9	23.9

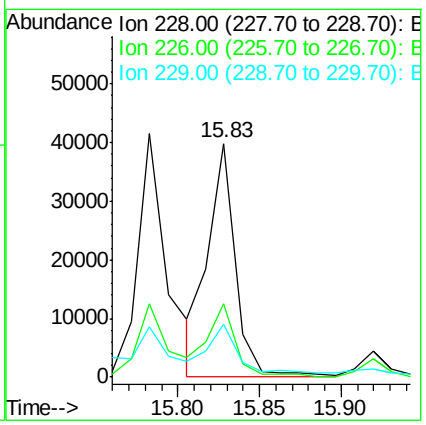


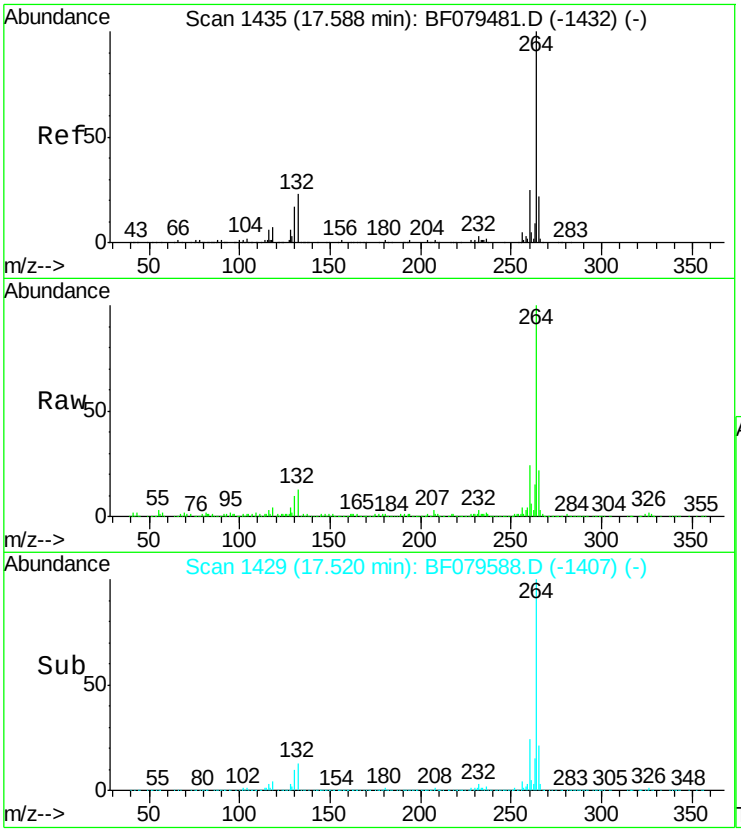


#82
Chrysene
Concen: 2.70 ng
RT: 15.83 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BF079588.D
Acq: 30 May 2015 6:37

Tgt Ion:228 Resp: 47293

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.4
229	22.6	15.9	23.9



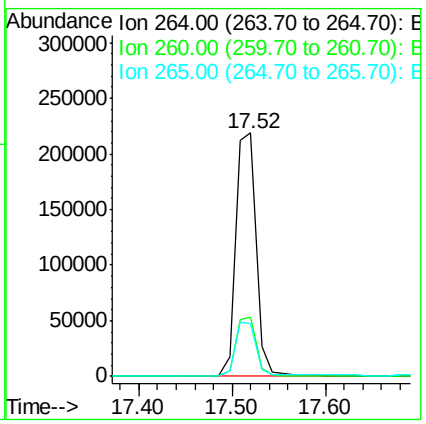


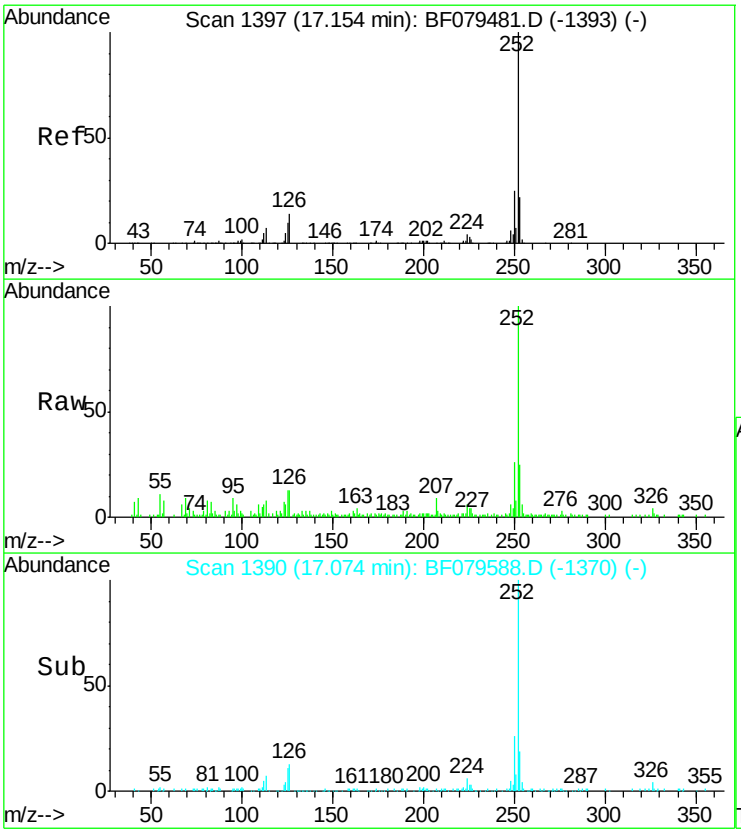
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.52 min Scan# 1429
Delta R.T. 0.06 min
Lab File: BF079588.D
Acq: 30 May 2015 6:37

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-016-A

Tgt Ion:264 Resp: 335827

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.8	29.8
265	21.5	17.8	26.6

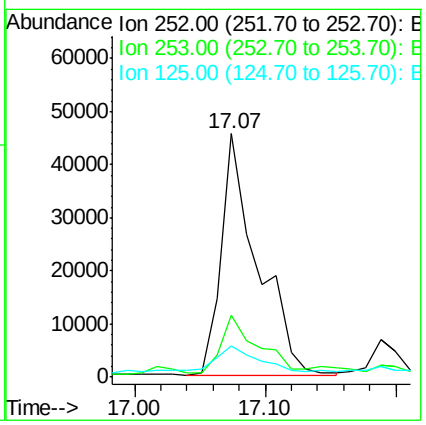


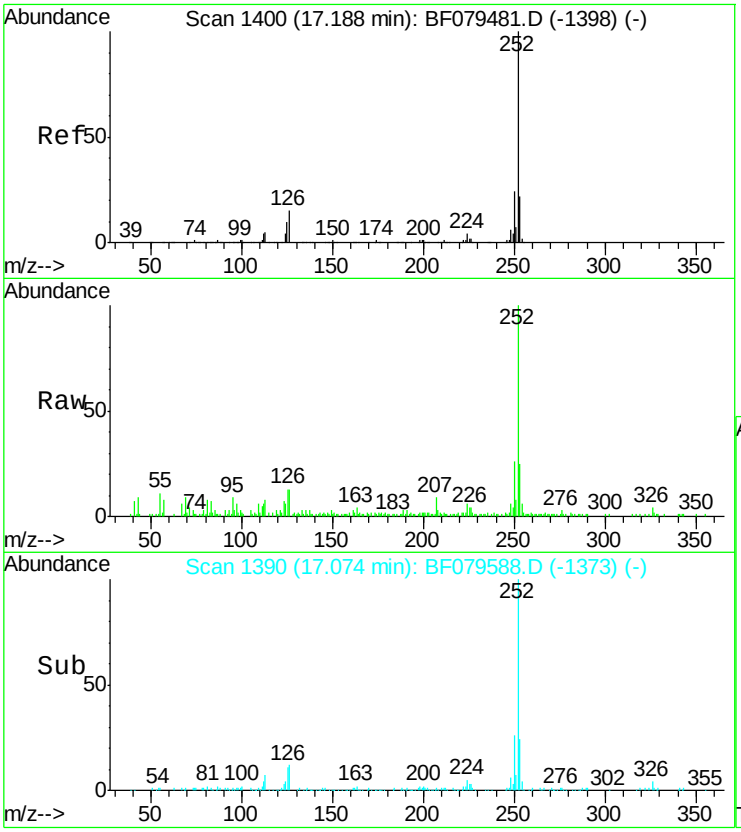


#87
Benzo(b)fluoranthene
Concen: 4.62 ng
RT: 17.07 min Scan# 1390
Delta R.T. 0.03 min
Lab File: BF079588.D
Acq: 30 May 2015 6:37

Tgt Ion:252 Resp: 88404

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.6	26.4
125	12.8	7.8	11.6#





#88
Benzo(k)fluoranthene
Concen: 5.16 ng
RT: 17.07 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BF079588.D
Acq: 30 May 2015 6:37

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-016-A

Tgt Ion:252 Resp: 88404

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.2	25.8
125	12.8	6.8	10.2#