Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060415\
Data File : BF079728.D
Acq On : 5 Jun 2015 5:41
Operator : TP/IZ
Sample : G2474-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-7

Quant Time: Jun 06 03:34:48 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 06 03:31:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	63113	20.00	ng		0.00
21) Naphthalene-d8	8.80	136	244634	20.00	ng		0.00
38) Acenaphthene-d10	10.57	164	123074	20.00	ng		-0.01
63) Phenanthrene-d10	12.09	188	263547	20.00	ng		0.01
75) Chrysene-d12	15.02	240	300864	20.00	ng		0.03
86) Perylene-d12	16.96	264	307750	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	6.12	112	337335	91.65	ng		0.00
7) Phenol-d6	7.10	99	408804	85.32	ng		0.00
23) Nitrobenzene-d5	8.06	82	211004	52.52	ng		-0.01
41) 2,4,6-Tribromophenol	11.37	330	113621	102.81	ng		0.00
44) 2-Fluorobiphenyl	9.87	172	579403	68.16	ng		0.00
78) Terphenyl-d14	13.76	244	723002	56.62	ng		0.02
Target Compounds							Qvalue
49) Dimethylphthalate	10.26	163	61342	6.47	ng		98
50) 2,6-Dinitrotoluene	10.26	165	506	3.32	ng	#	41
56) 2,4-Dinitrotoluene	10.57	165	15225	7.58	ng	#	32
70) Phenanthrene	12.11	178	47859	3.12	ng		96
74) Fluoranthene	13.36	202	122815	7.39	ng		96
77) Pyrene	13.62	202	115216	6.16	ng		97
80) Benzo(a)anthracene	15.01	228	63094	3.43	ng		97
82) Chrysene	15.05	228	59731	3.47	ng		99
85) Indeno(1,2,3-cd)pyrene	18.95	276	48393	2.49	ng	#	93
87) Benzo(b)fluoranthene	16.38	252	120290	6.06	ng	#	97
88) Benzo(k)fluoranthene	16.38	252	120199	6.35	ng		99
89) Benzo(a)pyrene	16.87	252	60405	3.33	ng	#	95
91) Benzo(g,h,i)perylene	19.57	276	50736	2.96	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060415\
Data File : BF079728.D
Acq On : 5 Jun 2015 5:41
Operator : TP/IZ
Sample : G2474-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C-7

Quant Time: Jun 06 03:34:48 2015
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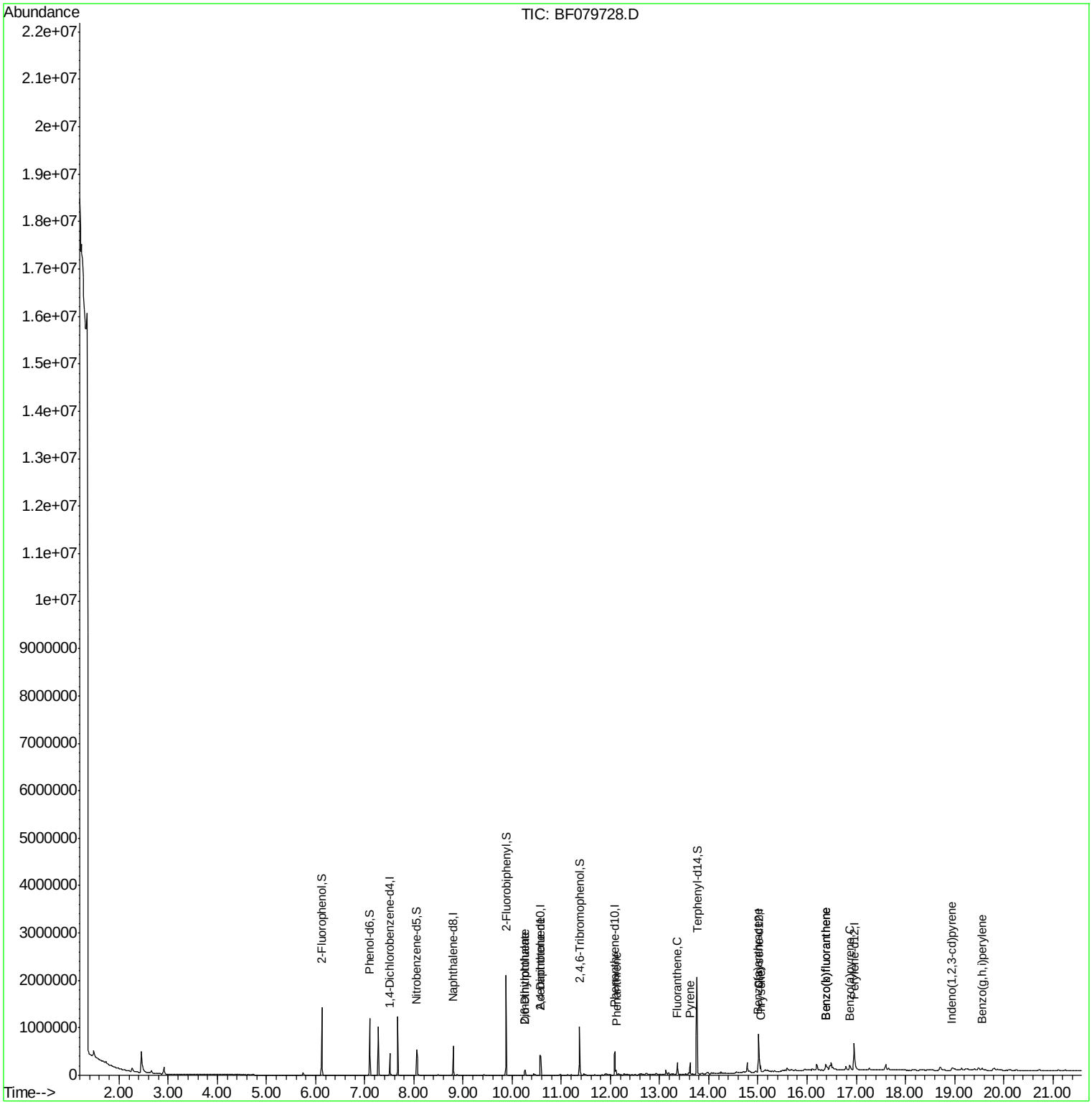
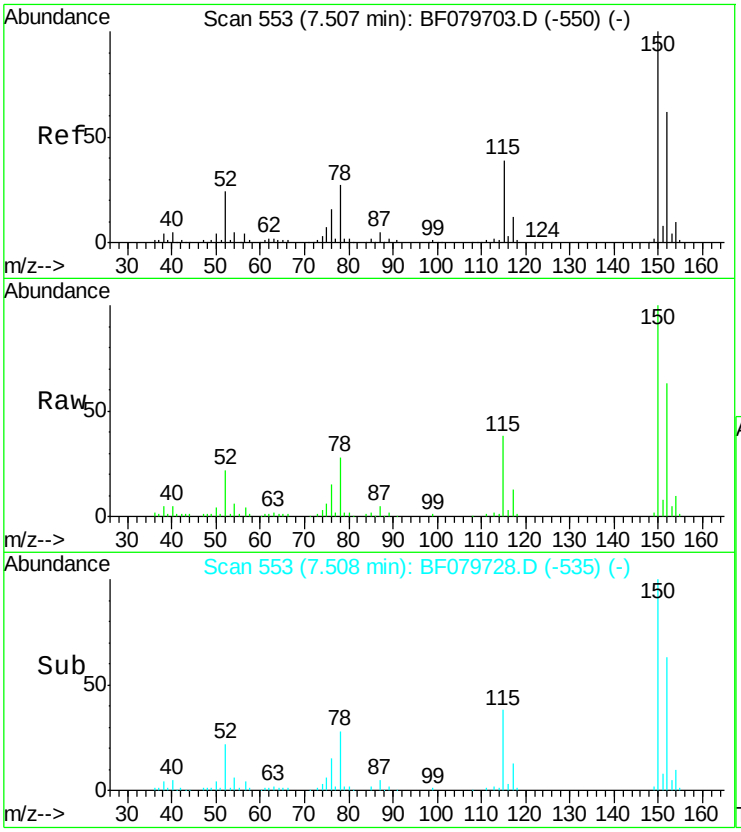
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 06 03:31:13 2015
Response via : Initial Calibration



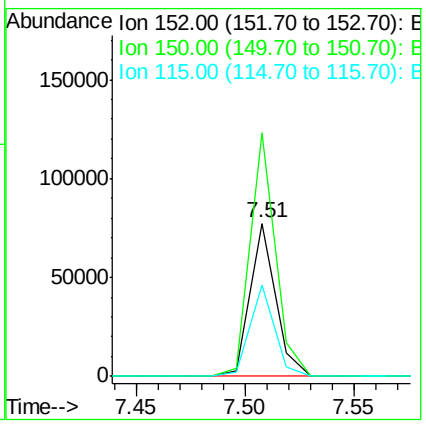


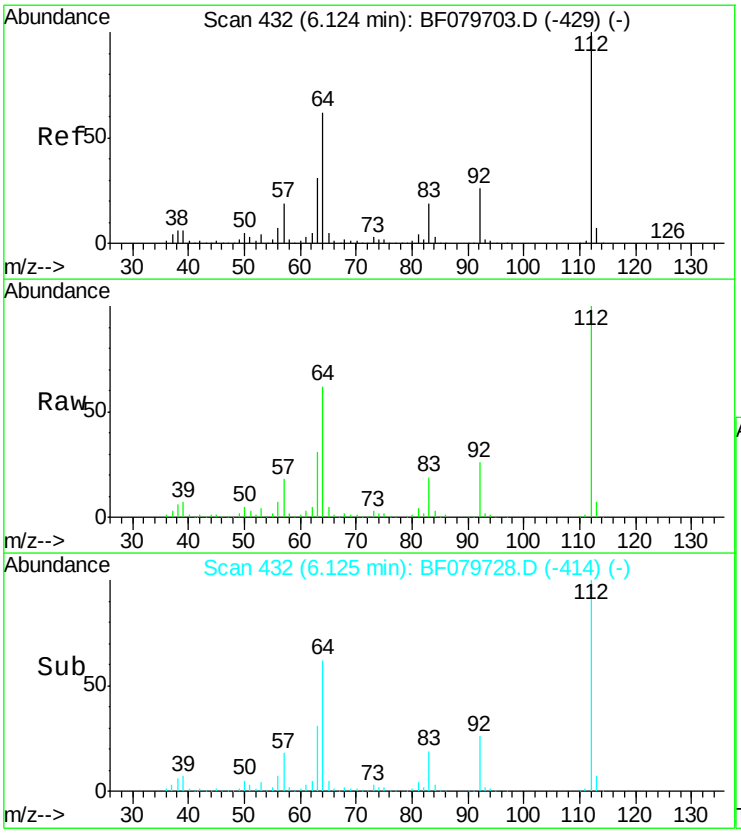
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.51 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF079728.D
Acq: 5 Jun 2015 5:41

Instrument :
BNA_F
ClientSampleId :
C-7

Tgt Ion:152 Resp: 63113

Ion	Ratio	Lower	Upper
152	100		
150	158.9	128.1	192.1
115	59.6	49.7	74.5

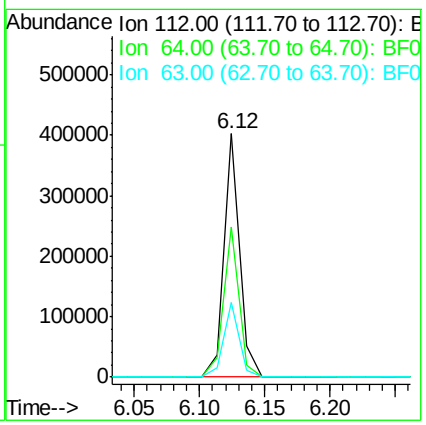


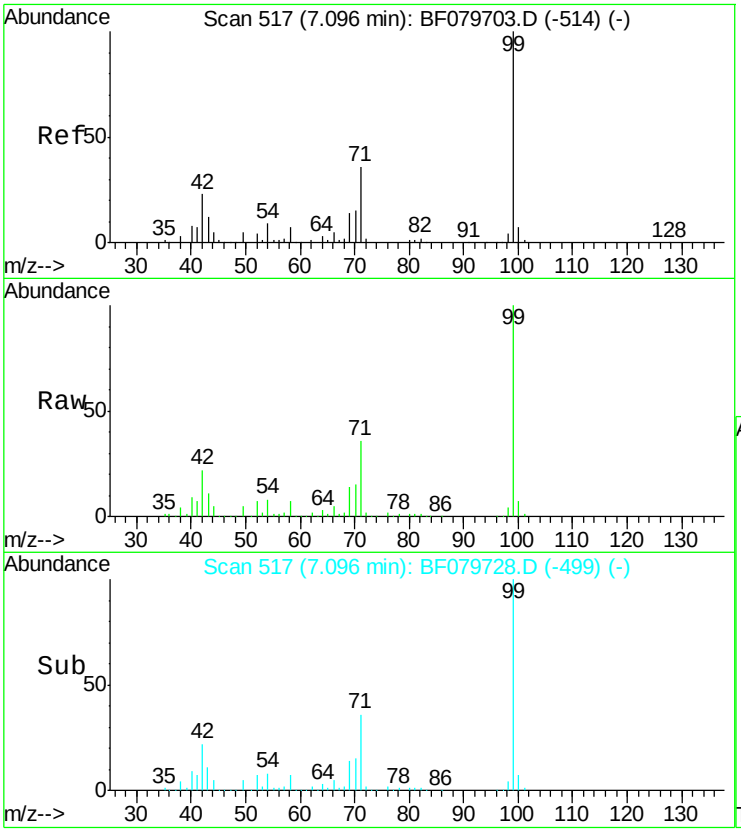


#5
2-Fluorophenol
Concen: 91.65 ng
RT: 6.12 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF079728.D
Acq: 5 Jun 2015 5:41

Tgt Ion:112 Resp: 337335

Ion	Ratio	Lower	Upper
112	100		
64	61.8	49.6	74.4
63	30.7	24.9	37.3



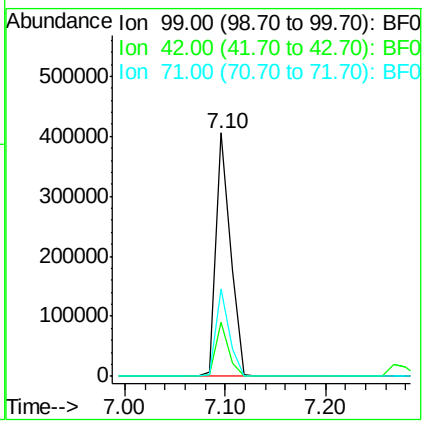


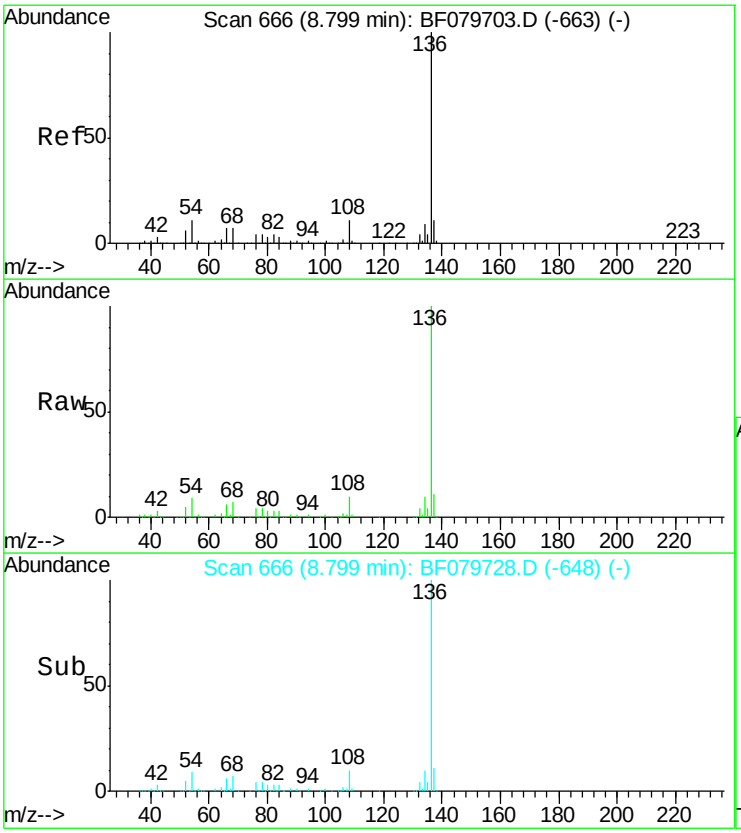
#7
Phenol-d6
Concen: 85.32 ng
RT: 7.10 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF079728.D
Acq: 5 Jun 2015 5:41

Instrument :
BNA_F
ClientSampleId :
C-7

Tgt Ion: 99 Resp: 408804

Ion	Ratio	Lower	Upper
99	100		
42	22.4	18.0	27.0
71	35.8	28.4	42.6

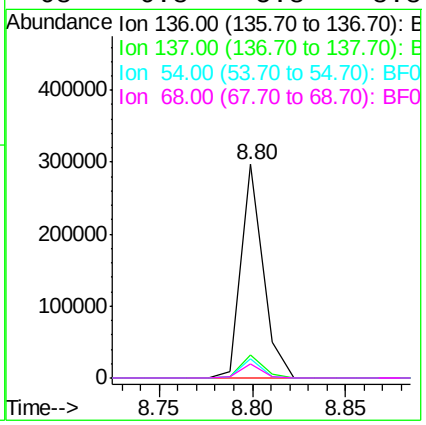


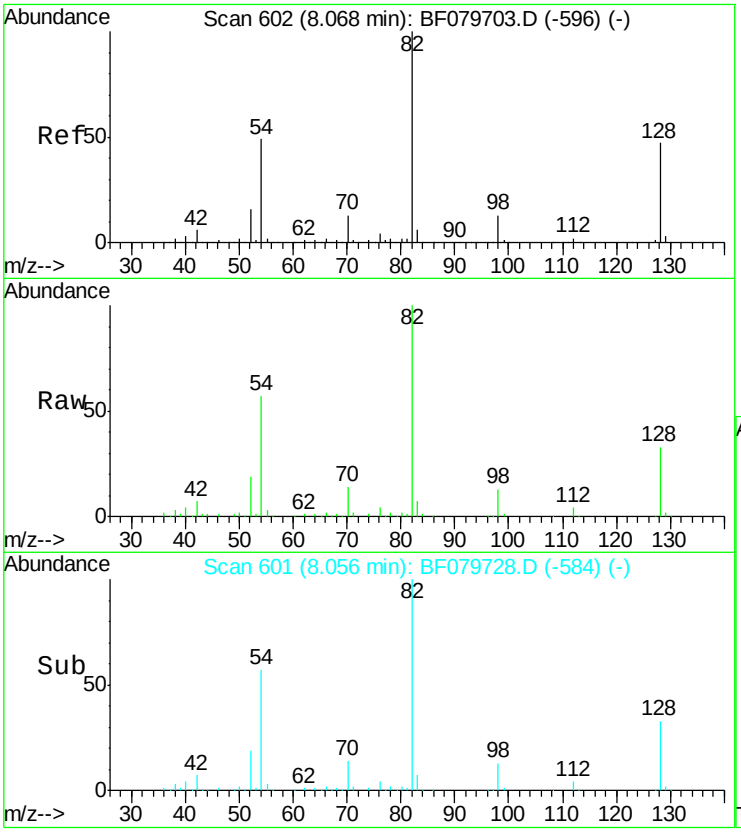


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.80 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF079728.D
Acq: 5 Jun 2015 5:41

Tgt Ion:136 Resp: 244634

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.2	8.7	13.1
68	6.8	5.8	8.8



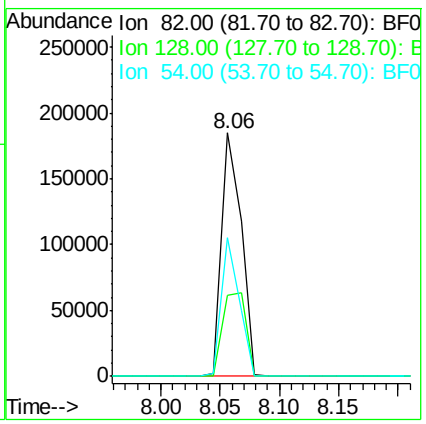


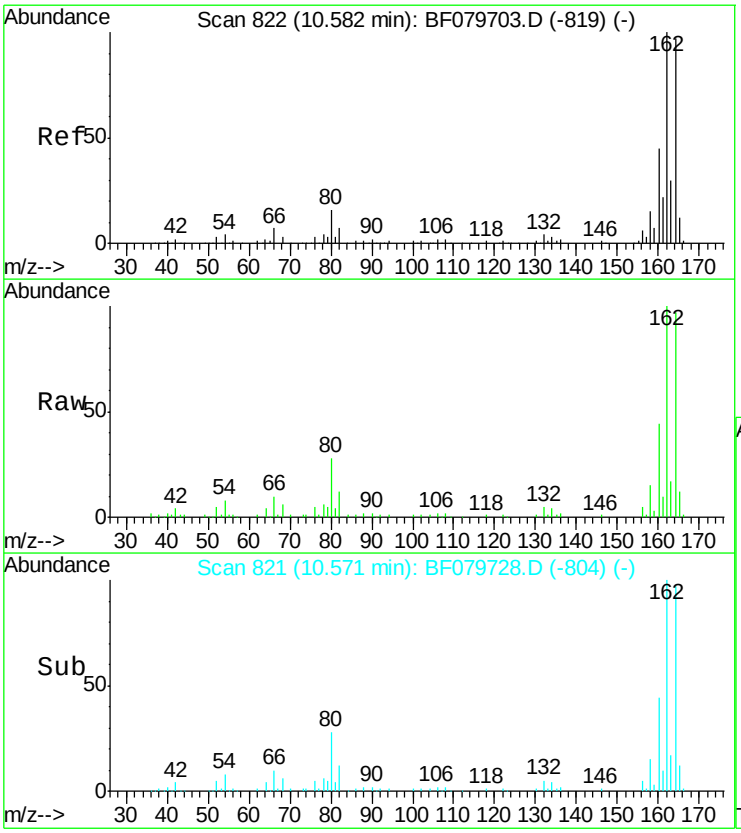
#23
Nitrobenzene-d5
Concen: 52.52 ng
RT: 8.06 min Scan# 601
Delta R.T. -0.01 min
Lab File: BF079728.D
Acq: 5 Jun 2015 5:41

Instrument :
BNA_F
ClientSampleId :
C-7

Tgt Ion: 82 Resp: 211004

Ion	Ratio	Lower	Upper
82	100		
128	33.3	37.6	56.4#
54	56.7	39.4	59.2

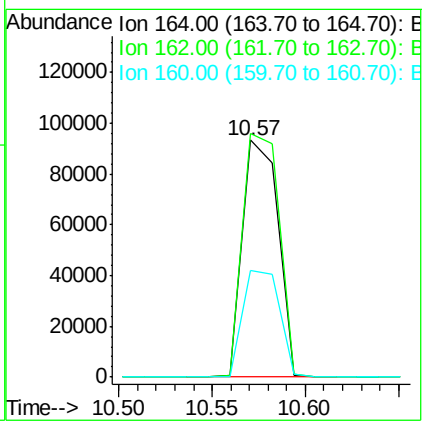


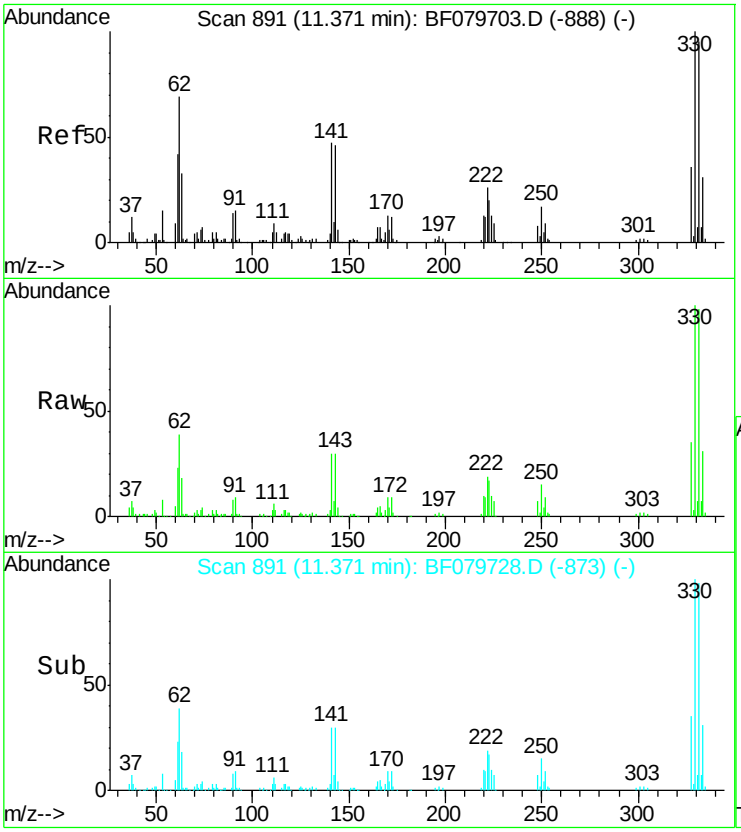


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.57 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF079728.D
Acq: 5 Jun 2015 5:41

Tgt Ion:164 Resp: 123074

Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.6	123.8
160	45.0	36.8	55.2



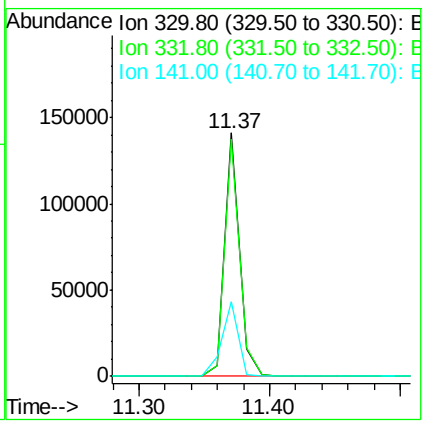


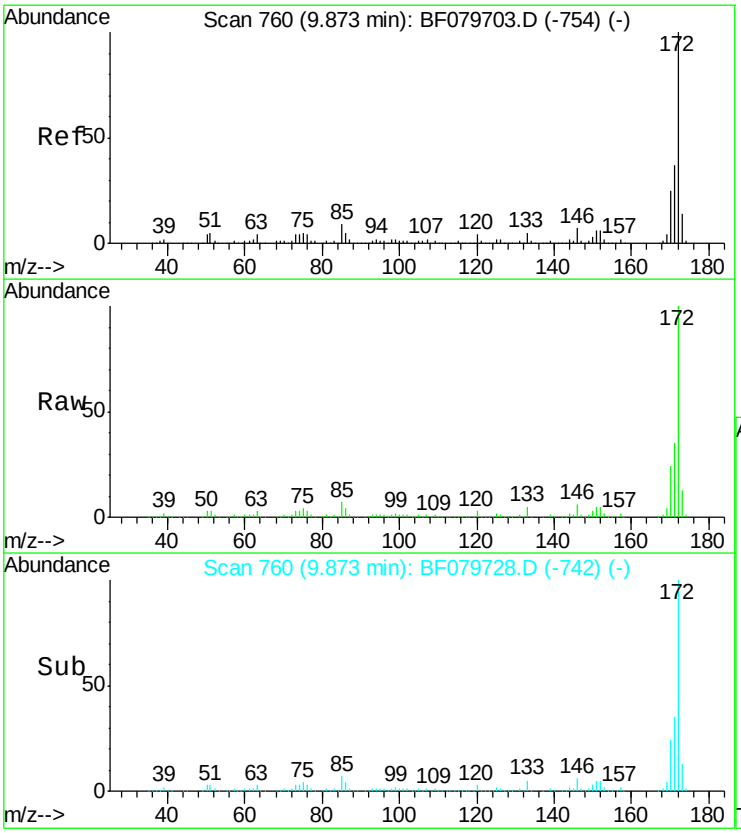
#41
2,4,6-Tribromophenol
Concen: 102.81 ng
RT: 11.37 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF079728.D
Acq: 5 Jun 2015 5:41

Instrument :
BNA_F
ClientSampleId :
C-7

Tgt Ion:330 Resp: 113621

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.4	116.0
141	33.9	30.2	45.2

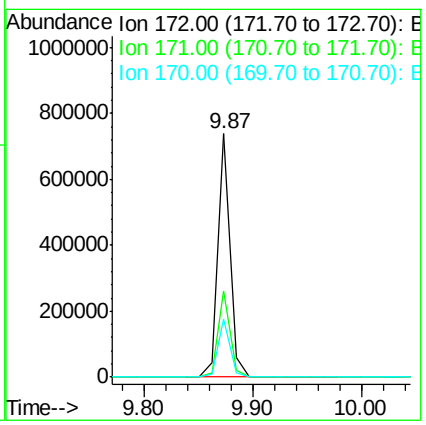


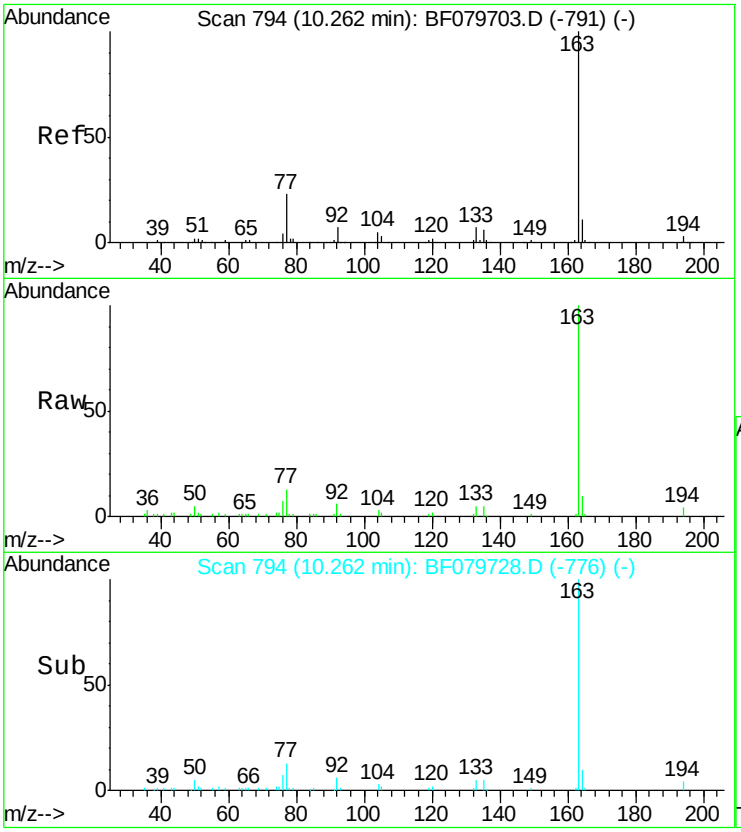


#44
2-Fluorobiphenyl
Concen: 68.16 ng
RT: 9.87 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF079728.D
Acq: 5 Jun 2015 5:41

Tgt Ion:172 Resp: 579403

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.4	44.0
170	23.7	19.7	29.5



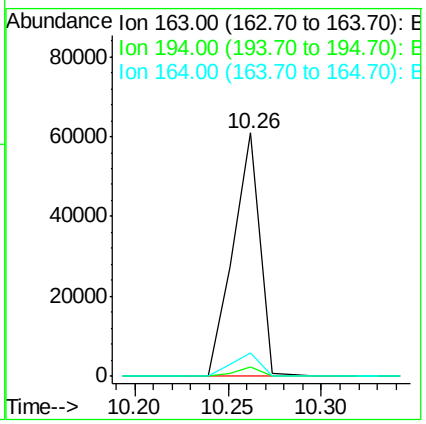


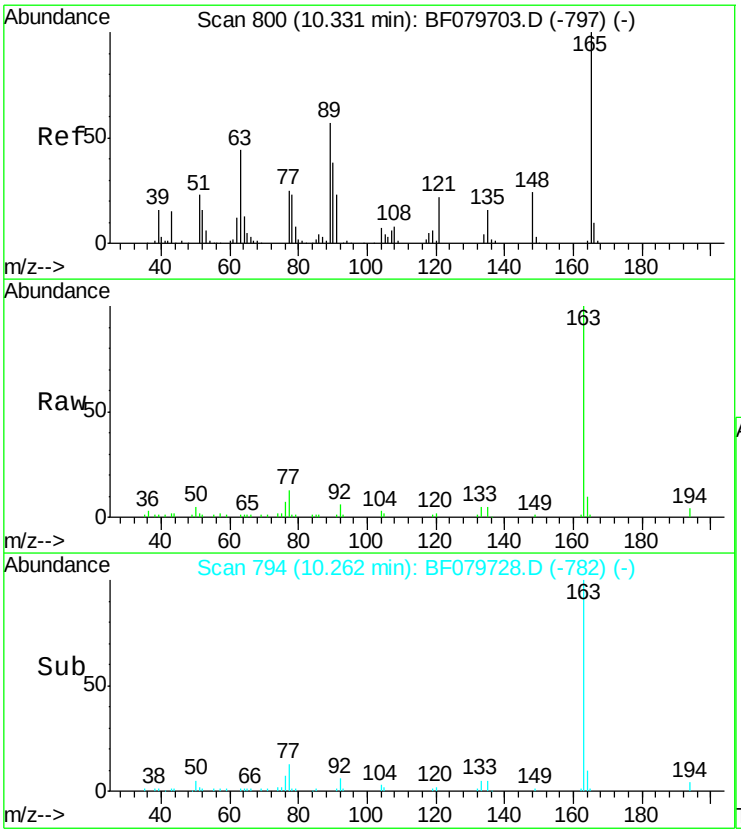
#49
Dimethylphthalate
Concen: 6.47 ng
RT: 10.26 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF079728.D
Acq: 5 Jun 2015 5:41

Instrument :
BNA_F
ClientSampleId :
C-7

Tgt Ion:163 Resp: 61342

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.6	3.8
164	9.8	8.5	12.7

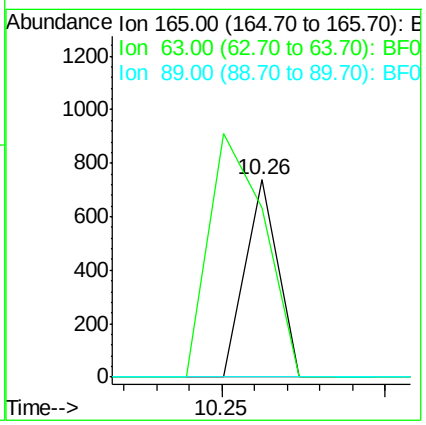


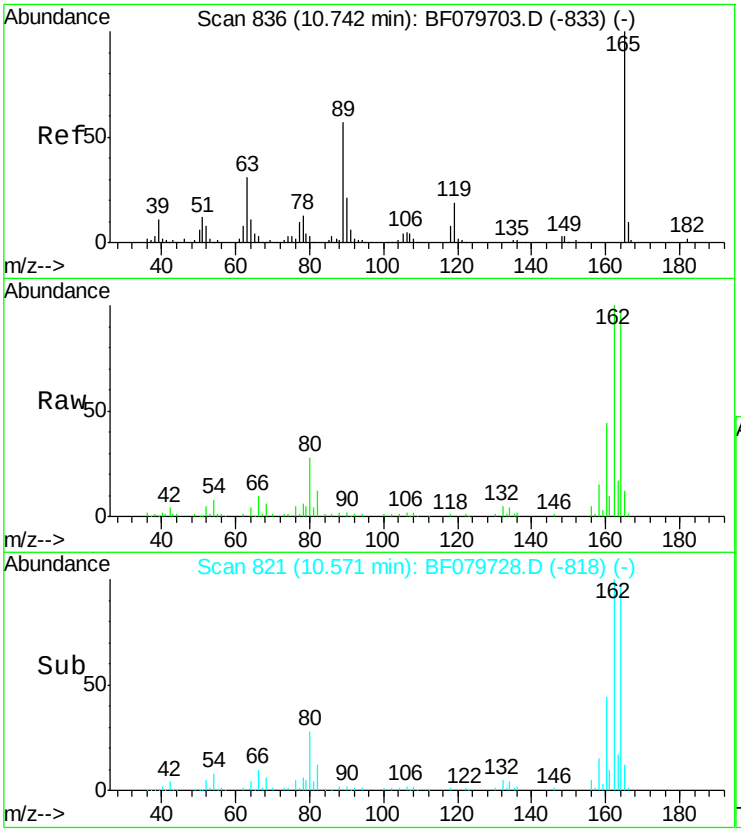


#50
2,6-Dinitrotoluene
Concen: 3.32 ng
RT: 10.26 min Scan# 794
Delta R.T. -0.07 min
Lab File: BF079728.D
Acq: 5 Jun 2015 5:41

Tgt Ion:165 Resp: 506

Ion	Ratio	Lower	Upper
165	100		
63	85.9	45.2	67.8#
89	0.0	45.9	68.9#



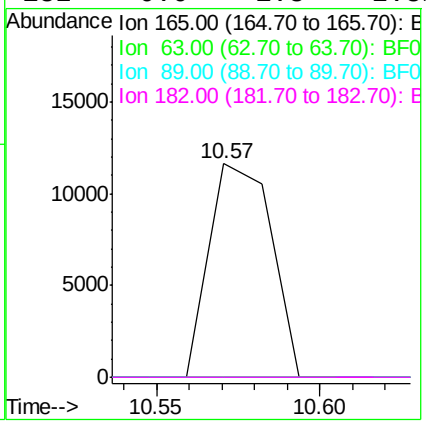


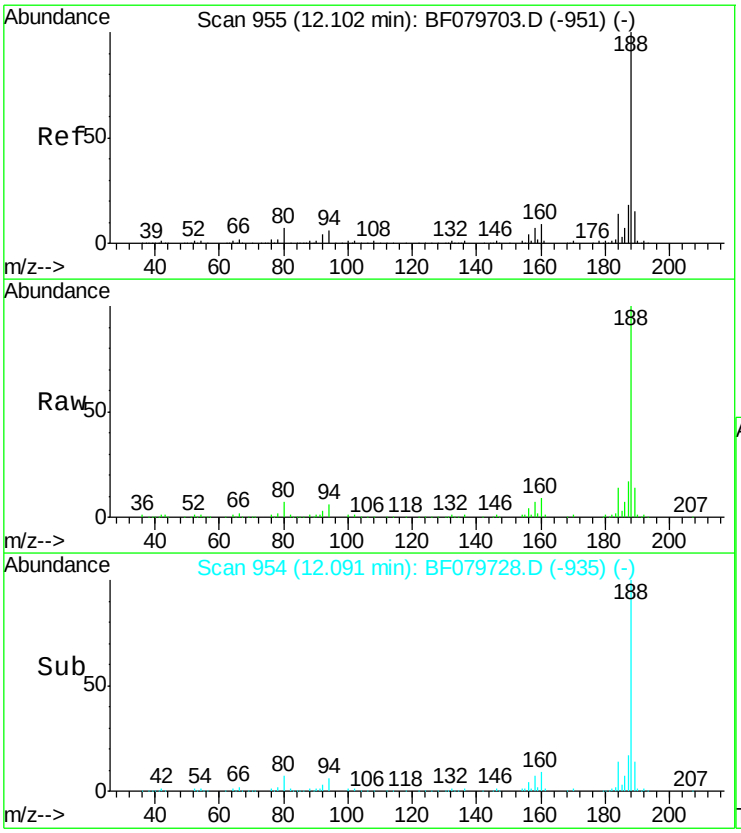
#56
2,4-Dinitrotoluene
Concen: 7.58 ng
RT: 10.57 min Scan# 821
Delta R.T. -0.17 min
Lab File: BF079728.D
Acq: 5 Jun 2015 5:41

Instrument :
BNA_F
ClientSampleId :
C-7

Tgt Ion:165 Resp: 15225

Ion	Ratio	Lower	Upper
165	100		
63	0.0	24.7	37.1#
89	0.0	45.7	68.5#
182	0.0	1.8	2.8#

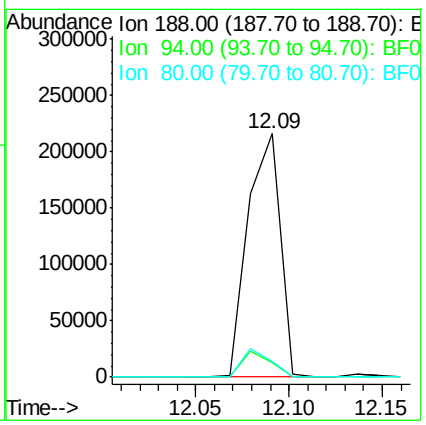


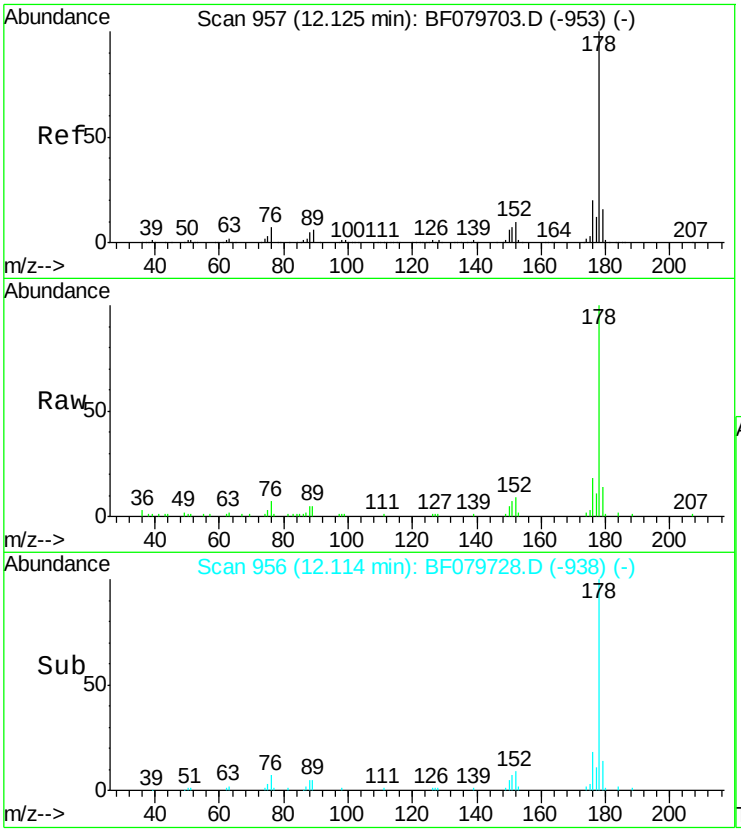


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.09 min Scan# 954
Delta R.T. 0.01 min
Lab File: BF079728.D
Acq: 5 Jun 2015 5:41

Tgt Ion:188 Resp: 263547

Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.0	7.4
80	6.5	5.3	7.9



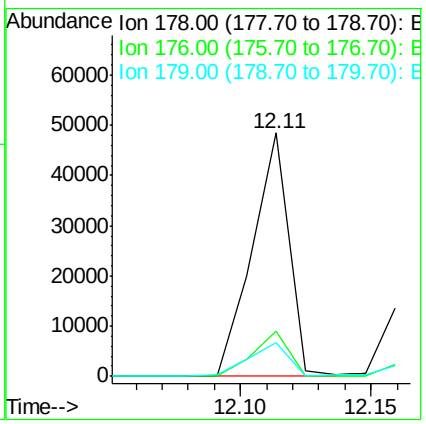


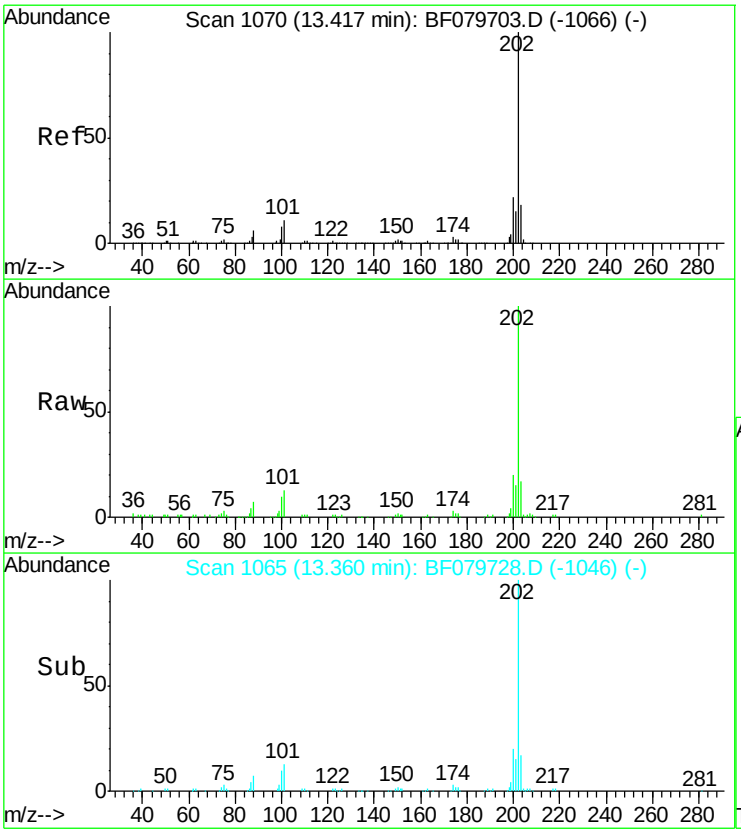
#70
Phenanthrene
Concen: 3.12 ng
RT: 12.11 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF079728.D
Acq: 5 Jun 2015 5:41

Instrument :
BNA_F
ClientSampleId :
C-7

Tgt Ion:178 Resp: 47859

Ion	Ratio	Lower	Upper
178	100		
176	18.4	16.2	24.4
179	14.1	12.6	19.0

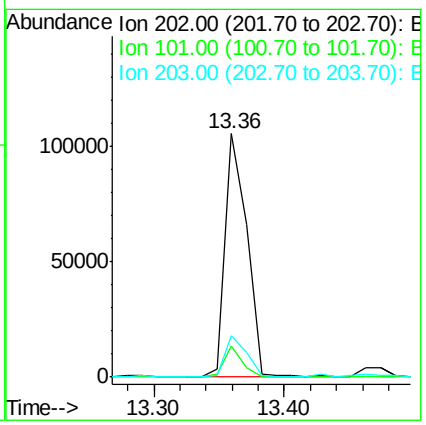


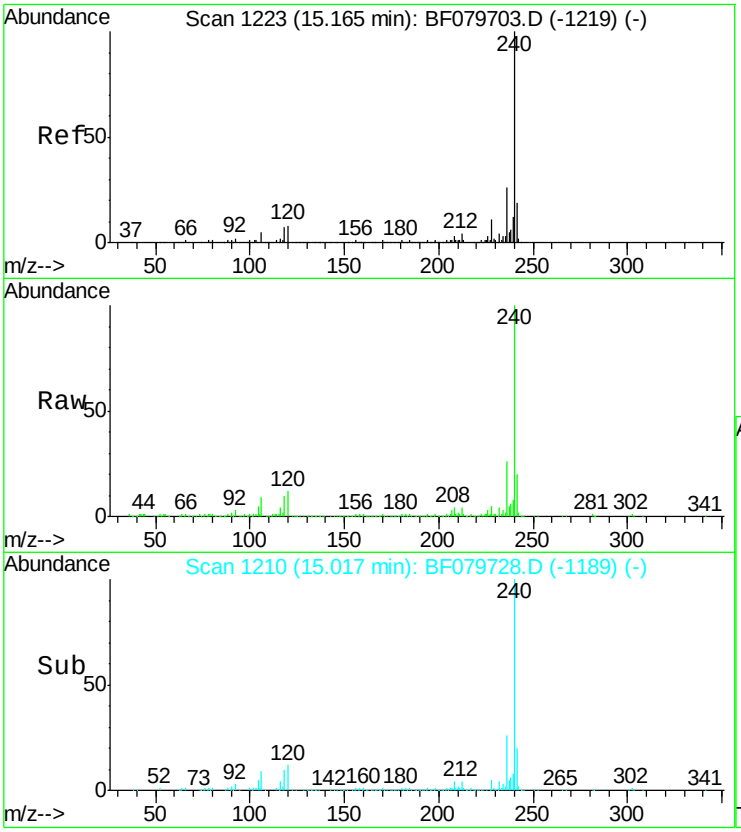


#74
Fluoranthene
Concen: 7.39 ng
RT: 13.36 min Scan# 1065
Delta R.T. 0.01 min
Lab File: BF079728.D
Acq: 5 Jun 2015 5:41

Tgt Ion:202 Resp: 122815

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	31.3
203	16.9	0.0	38.4



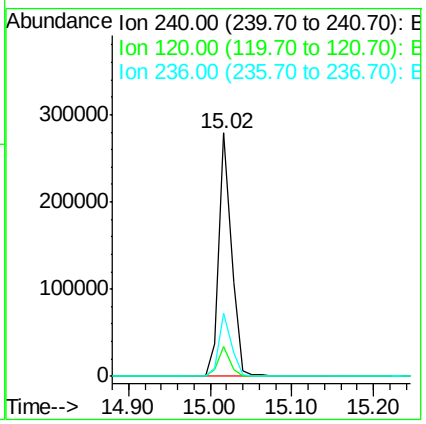


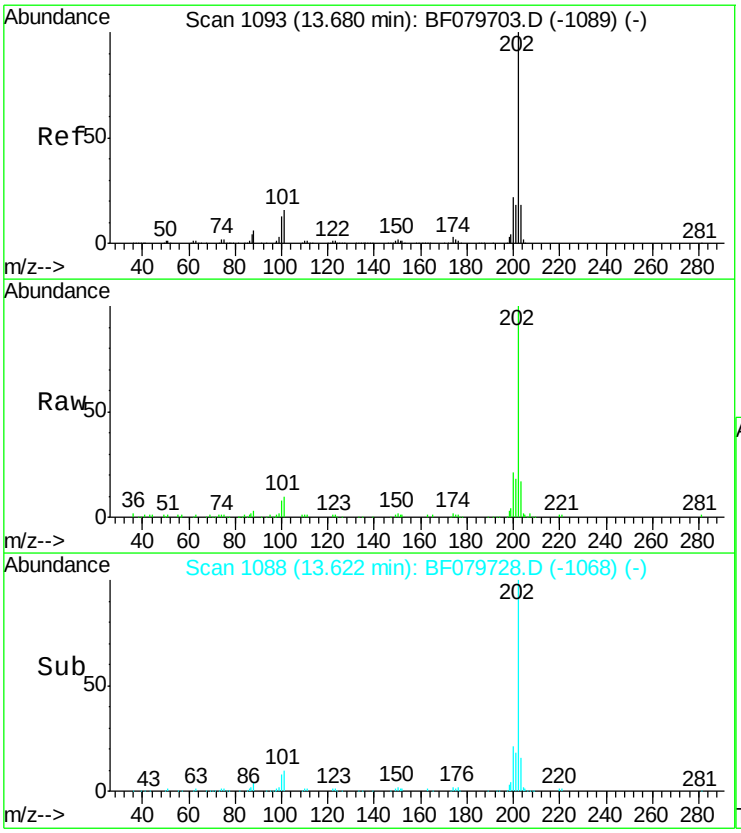
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.02 min Scan# 1210
Delta R.T. 0.03 min
Lab File: BF079728.D
Acq: 5 Jun 2015 5:41

Instrument :
BNA_F
ClientSampleId :
C-7

Tgt Ion:240 Resp: 300864

Ion	Ratio	Lower	Upper
240	100		
120	12.1	6.2	9.2#
236	25.8	21.0	31.4

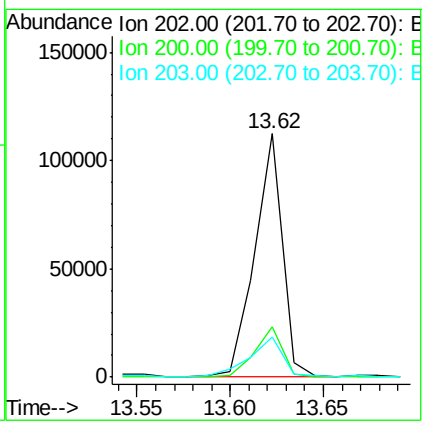


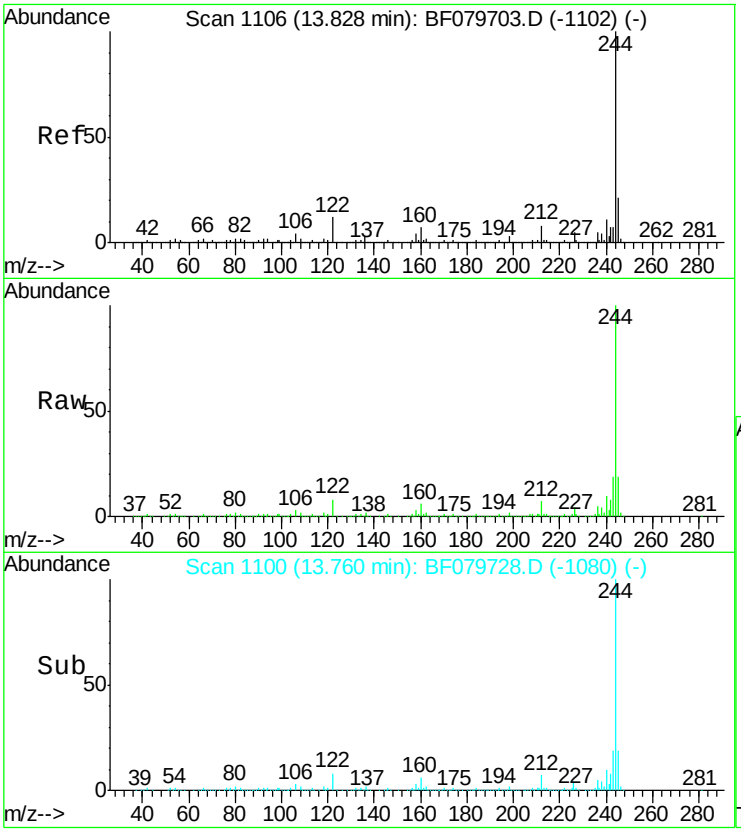


#77
Pyrene
Concen: 6.16 ng
RT: 13.62 min Scan# 1088
Delta R.T. 0.02 min
Lab File: BF079728.D
Acq: 5 Jun 2015 5:41

Tgt Ion:202 Resp: 115216

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.5	26.3
203	16.6	14.8	22.2



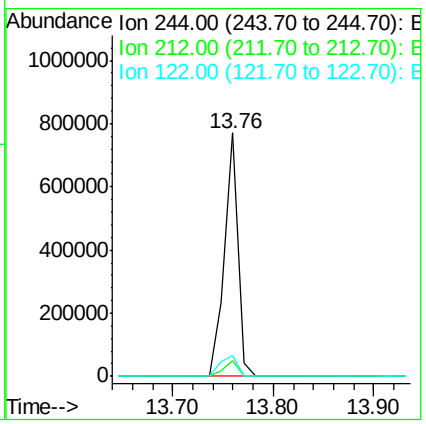


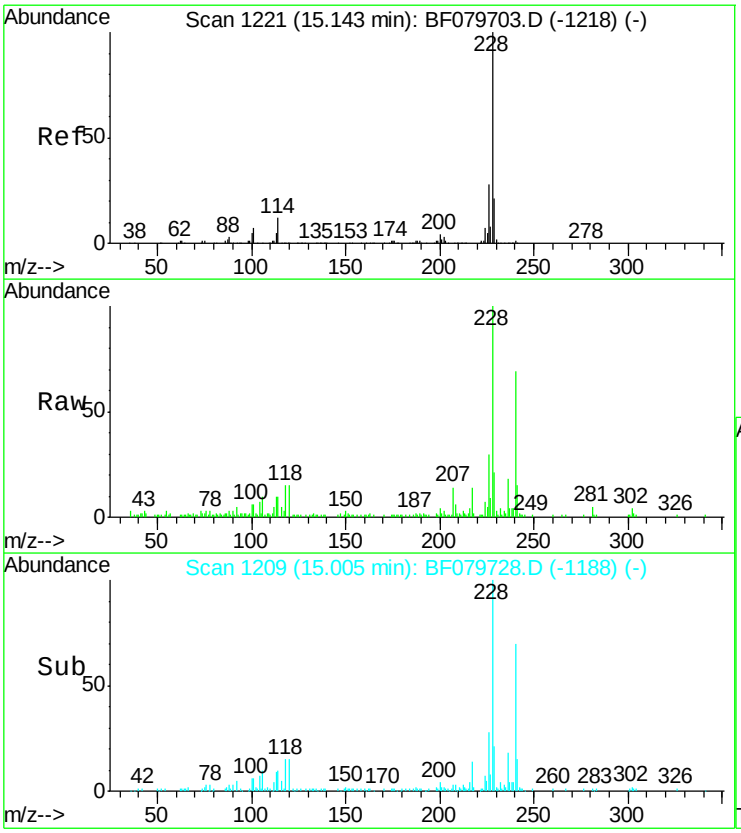
#78
Terphenyl-d14
Concen: 56.62 ng
RT: 13.76 min Scan# 1100
Delta R.T. 0.02 min
Lab File: BF079728.D
Acq: 5 Jun 2015 5:41

Instrument :
BNA_F
ClientSampleId :
C-7

Tgt Ion:244 Resp: 723002

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.1	9.1
122	8.4	9.3	13.9#

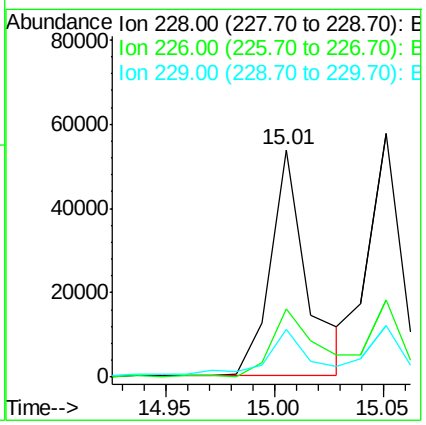


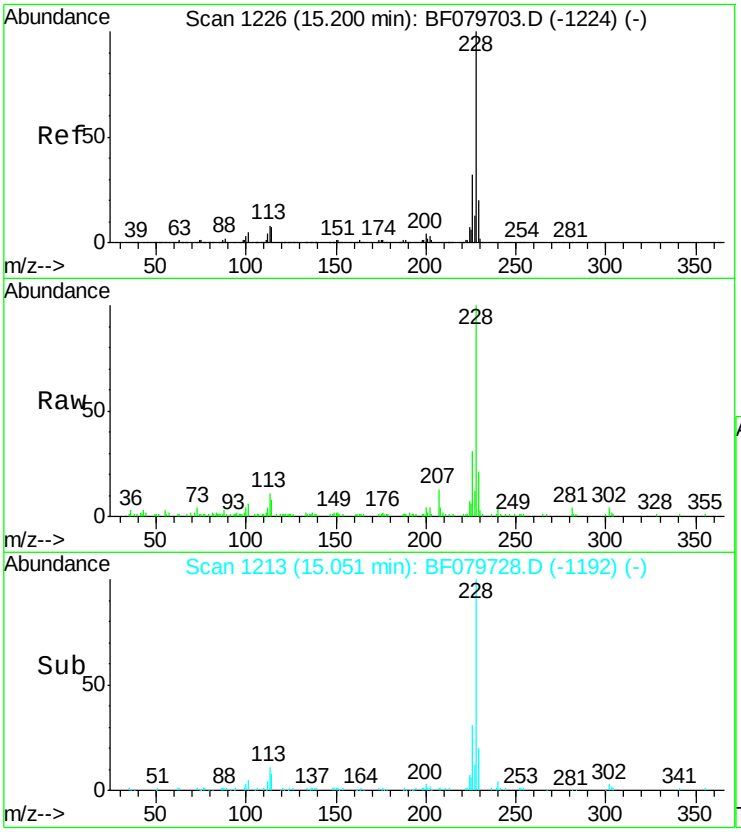


#80
Benzo(a)anthracene
Concen: 3.43 ng
RT: 15.01 min Scan# 1209
Delta R.T. 0.03 min
Lab File: BF079728.D
Acq: 5 Jun 2015 5:41

Tgt Ion:228 Resp: 63094

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.2	33.4
229	21.2	16.6	25.0



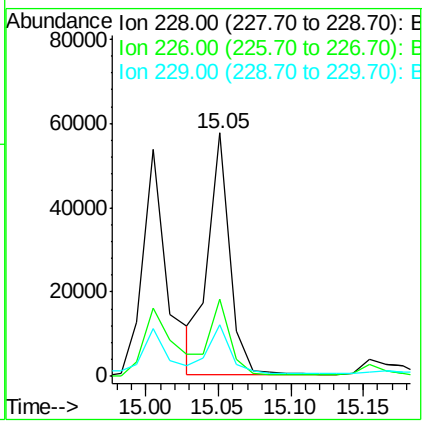


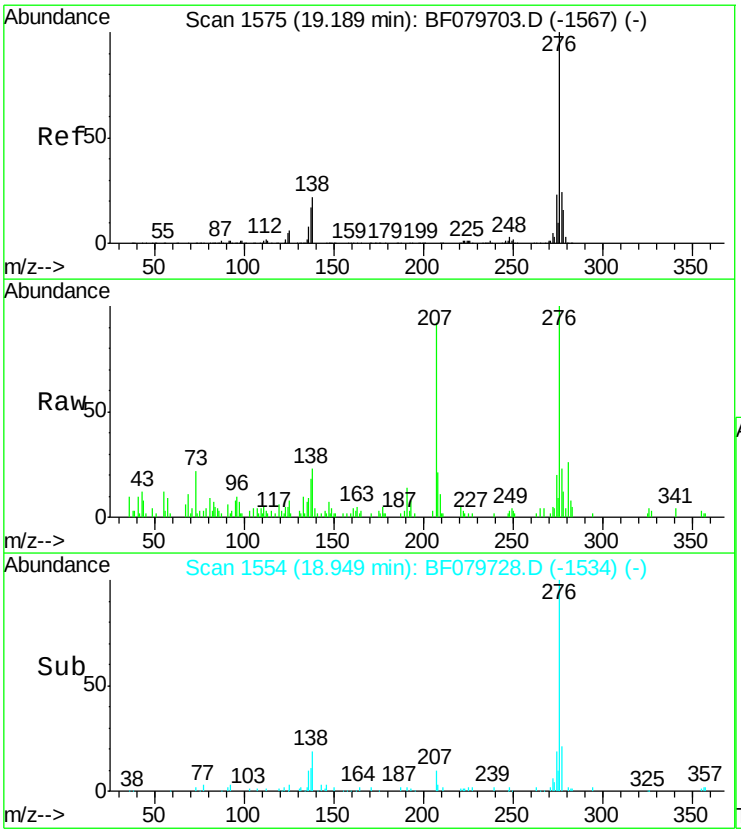
#82
Chrysene
Concen: 3.47 ng
RT: 15.05 min Scan# 1213
Delta R.T. 0.03 min
Lab File: BF079728.D
Acq: 5 Jun 2015 5:41

Instrument :
BNA_F
ClientSampleId :
C-7

Tgt Ion:228 Resp: 59731

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.2	37.8
229	21.0	16.2	24.4

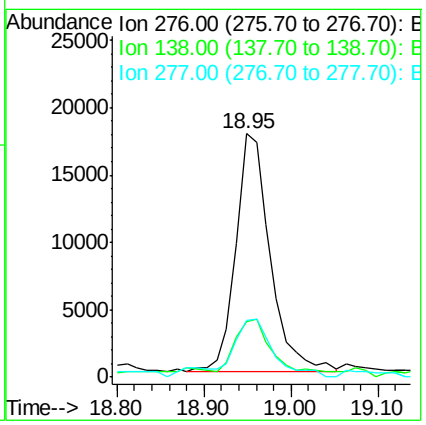


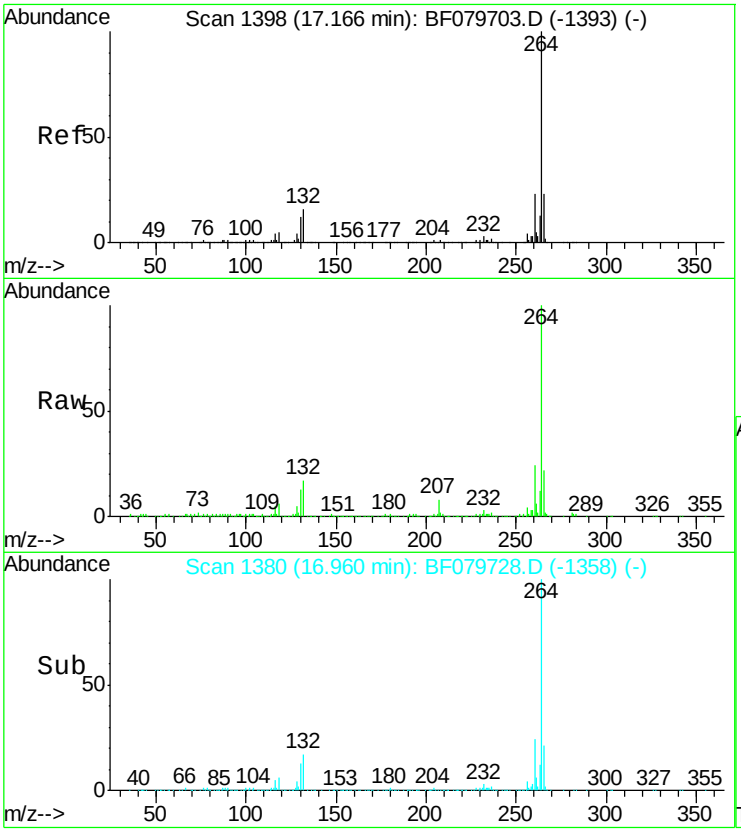


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.49 ng
RT: 18.95 min Scan# 1554
Delta R.T. 0.02 min
Lab File: BF079728.D
Acq: 5 Jun 2015 5:41

Tgt Ion:276 Resp: 48393

Ion	Ratio	Lower	Upper
276	100		
138	25.5	20.8	31.2
277	31.4	20.0	30.0#



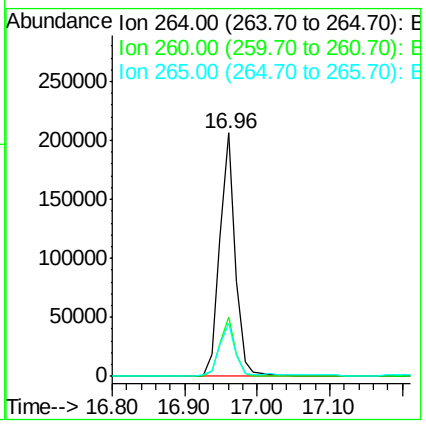


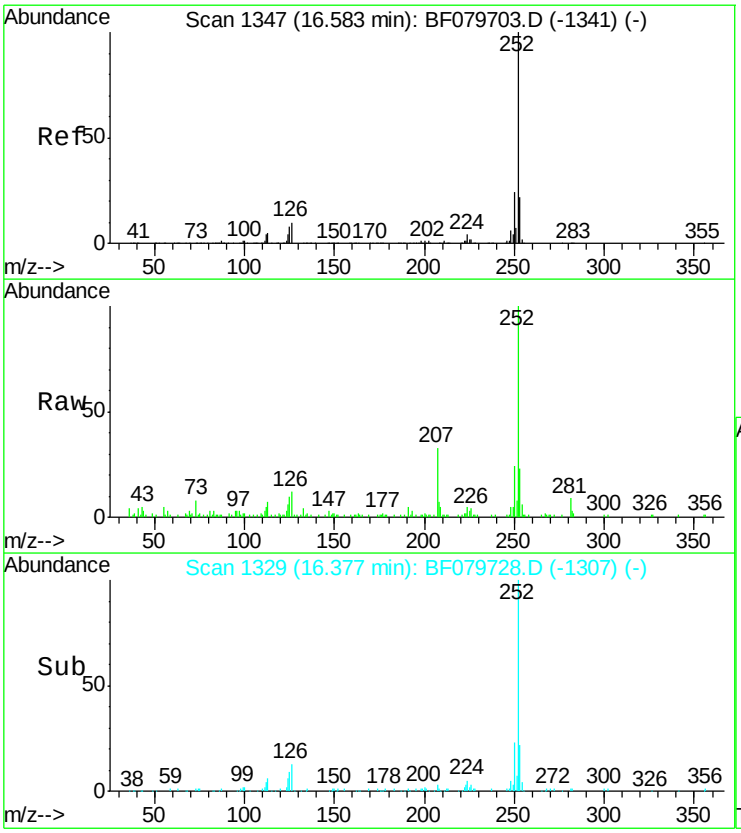
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.96 min Scan# 1380
Delta R.T. 0.05 min
Lab File: BF079728.D
Acq: 5 Jun 2015 5:41

Instrument :
BNA_F
ClientSampleId :
C-7

Tgt Ion:264 Resp: 307750

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	27.8
265	21.6	18.2	27.4

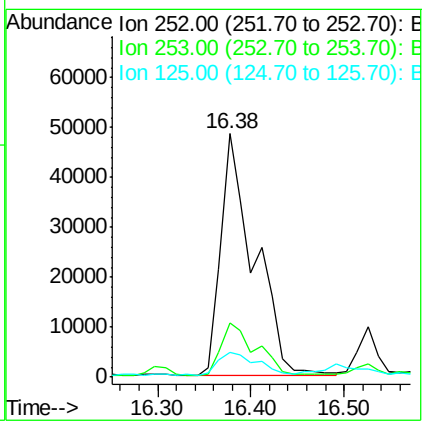


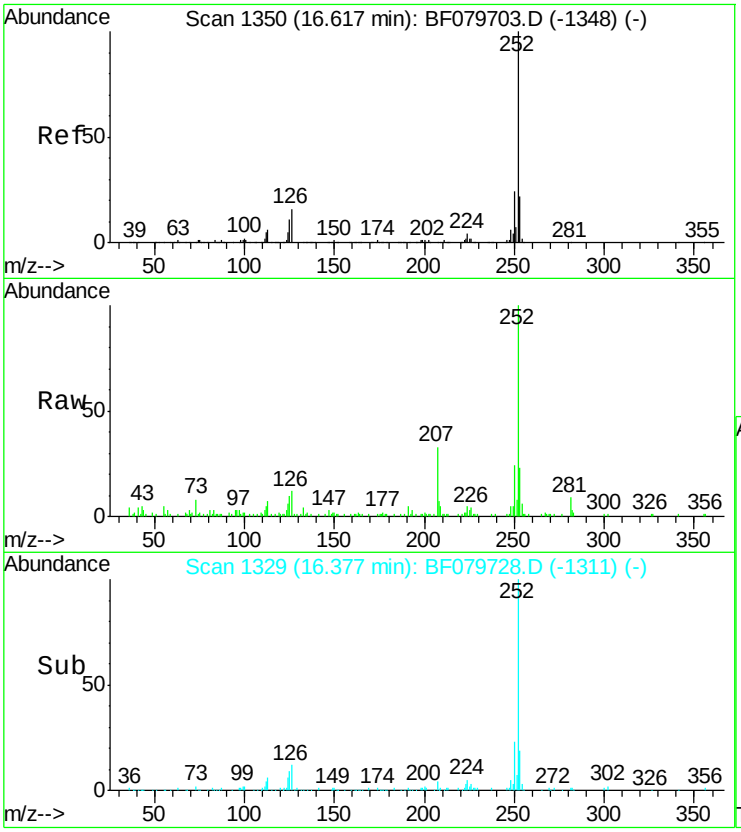


#87
Benzo(b)fluoranthene
Concen: 6.06 ng
RT: 16.38 min Scan# 1329
Delta R.T. 0.05 min
Lab File: BF079728.D
Acq: 5 Jun 2015 5:41

Tgt Ion:252 Resp: 120290

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	10.0	6.5	9.7#



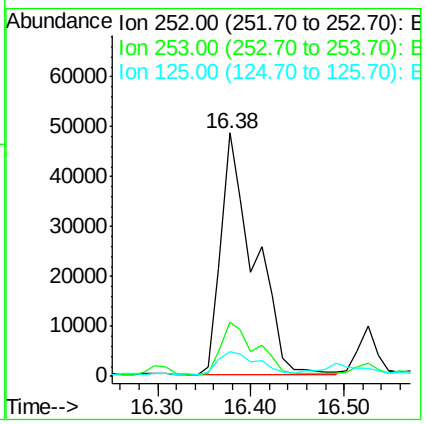


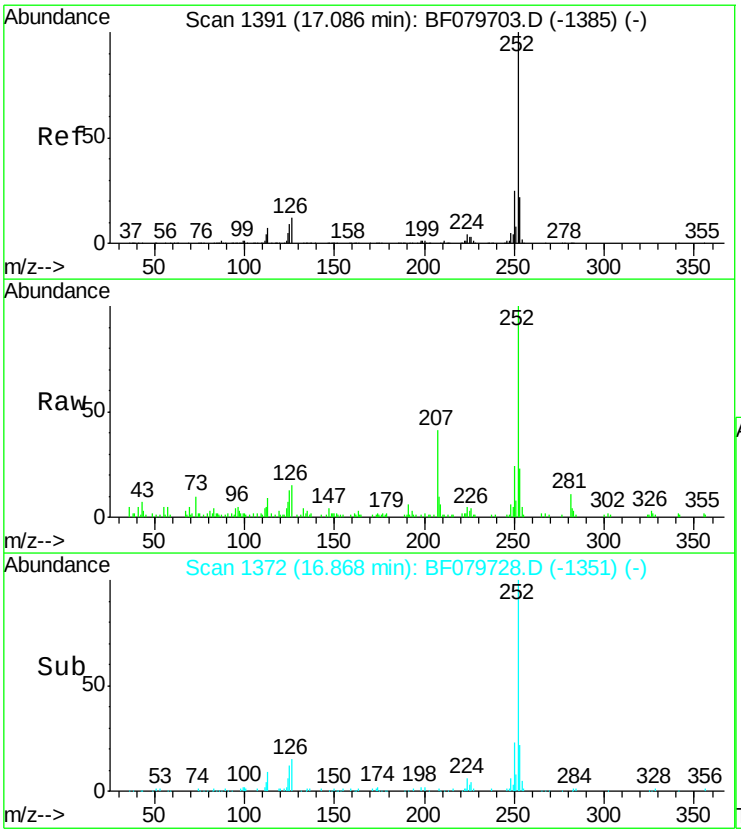
#88
Benzo(k)fluoranthene
Concen: 6.35 ng
RT: 16.38 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF079728.D
Acq: 5 Jun 2015 5:41

Instrument :
BNA_F
ClientSampleId :
C-7

Tgt Ion:252 Resp: 120199

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	10.0	8.4	12.6

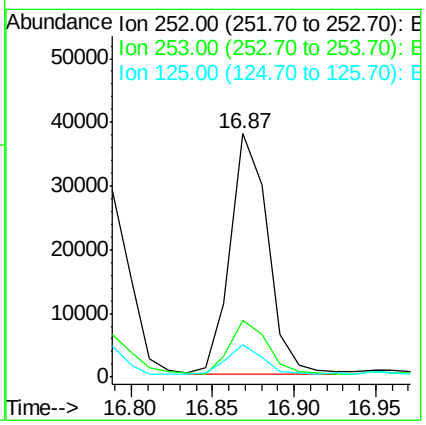


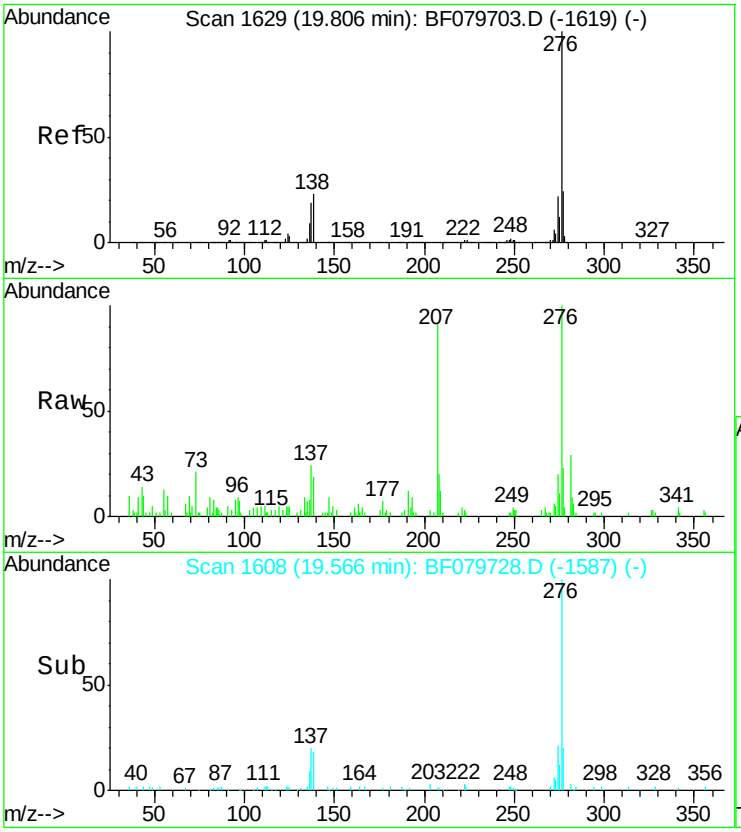


#89
Benzo(a)pyrene
Concen: 3.33 ng
RT: 16.87 min Scan# 1372
Delta R.T. 0.03 min
Lab File: BF079728.D
Acq: 5 Jun 2015 5:41

Tgt Ion:252 Resp: 60405

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	13.2	7.4	11.0#





#91
Benzo(g,h,i)perylene
Concen: 2.96 ng
RT: 19.57 min Scan# 1608
Delta R.T. 0.03 min
Lab File: BF079728.D
Acq: 5 Jun 2015 5:41

Instrument :
BNA_F
ClientSampleId :
C-7

Tgt Ion:276 Resp: 50736

Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.8	28.2
138	19.5	18.2	27.2