Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051917\
Data File : BF095279.D
Acq On : 19 May 2017 23:47
Operator : SJ/MA
Sample : I3202-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 20 00:32:46 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 17:07:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	94571	20.00	ng		0.00
21) Naphthalene-d8	9.78	136	343663	20.00	ng		0.00
38) Acenaphthene-d10	12.61	164	191492	20.00	ng		0.00
63) Phenanthrene-d10	15.02	188	344225	20.00	ng		0.00
75) Chrysene-d12	18.69	240	226517	20.00	ng		0.00
86) Perylene-d12	20.36	264	164843	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.73	112	581080	102.44	ng		0.00
7) Phenol-d6	7.30	99	709848	104.30	ng		-0.01
23) Nitrobenzene-d5	8.66	82	432531	79.36	ng		-0.01
41) 2,4,6-Tribromophenol	13.91	330	174587	111.33	ng		0.00
44) 2-Fluorobiphenyl	11.55	172	824615	61.98	ng		0.00
78) Terphenyl-d14	17.34	244	734978	71.47	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	8.66	70	50338	10.94	ng	#	77
49) Dimethylphthalate	12.25	163	139975	8.90	ng		99
55) 4-Nitrophenol	12.99	139	7411	3.58	ng	#	25
70) Phenanthrene	15.05	178	145842	7.37	ng		98
71) Anthracene	15.05	178	145842	7.22	ng		98
74) Fluoranthene	16.80	202	196591	9.69	ng		97
77) Pyrene	17.10	202	199156	11.76	ng		96
80) Benzo(a)anthracene	18.68	228	73572	5.58	ng		99
82) Chrysene	18.68	228	73572	5.77	ng		95
85) Indeno(1,2,3-cd)pyrene	21.72	276	39919	3.86	ng	#	89
87) Benzo(b)fluoranthene	19.96	252	102072	10.02	ng		98
88) Benzo(k)fluoranthene	19.96	252	102072	10.39	ng		98
89) Benzo(a)pyrene	20.31	252	65288	6.95	ng		99
91) Benzo(g,h,i)perylene	22.11	276	40322	5.29	ng		95

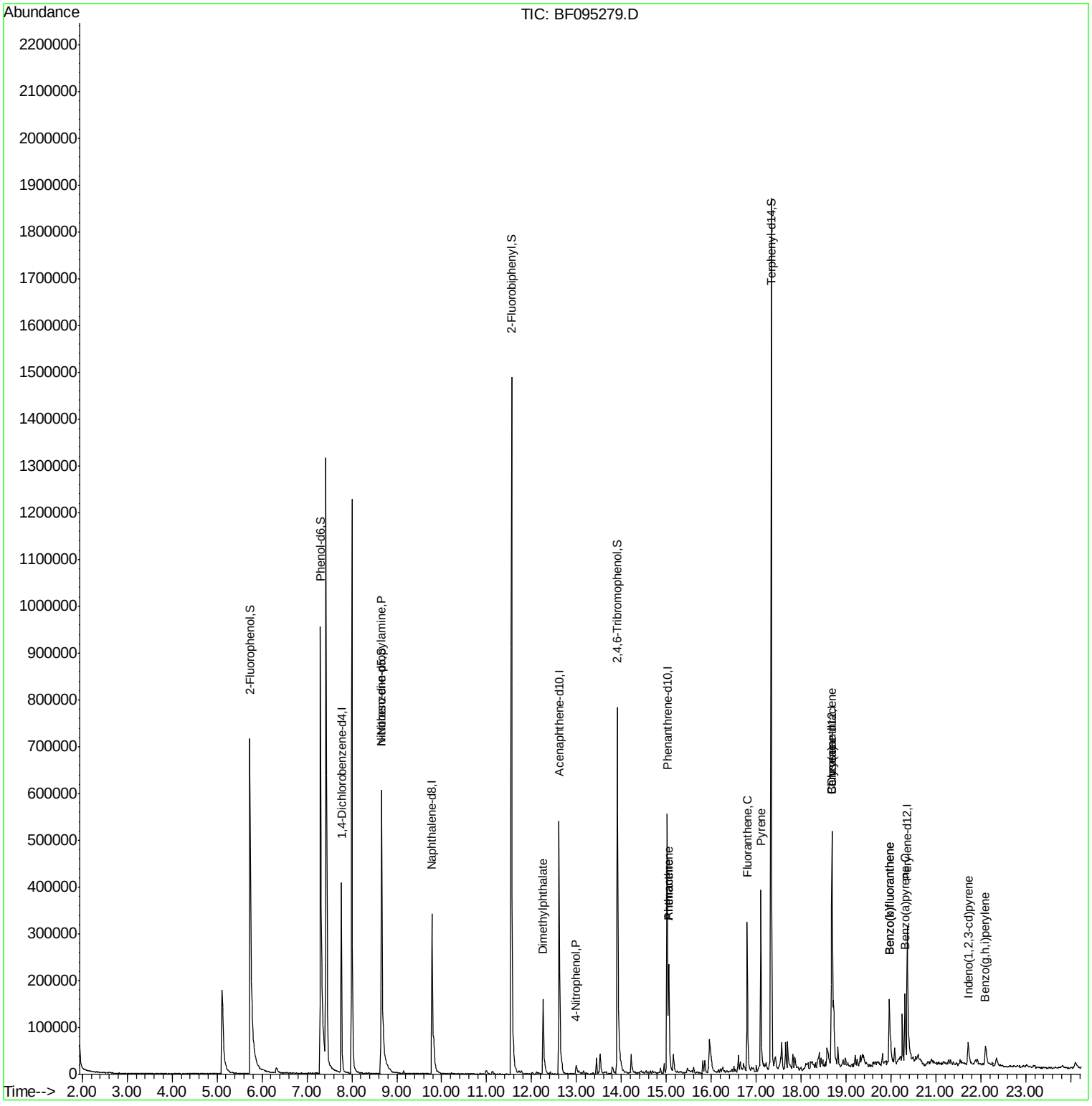
(#) = qualifier out of range (m) = manual integration (+) = signals summed

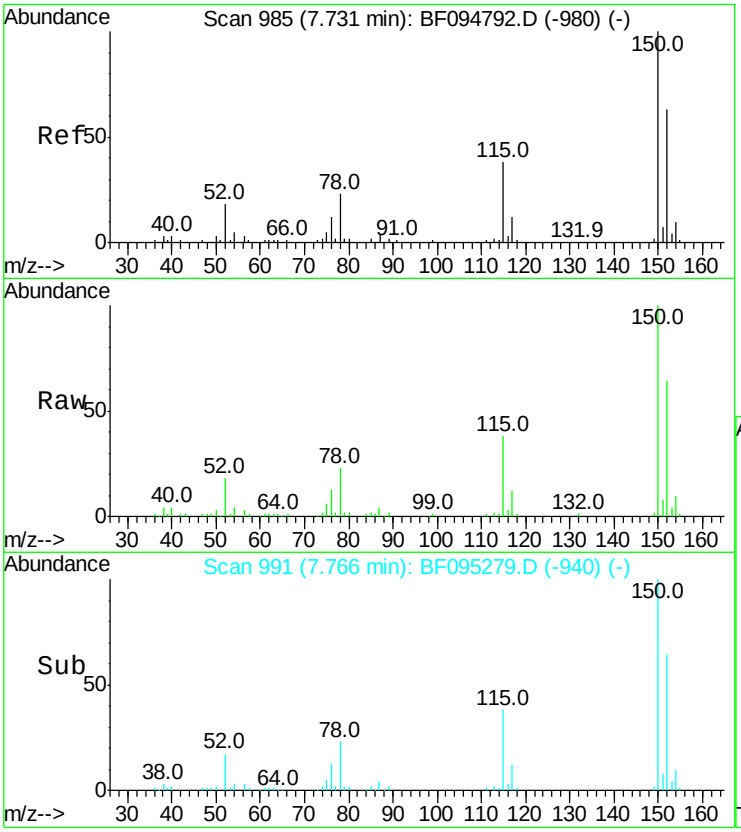
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051917\
Data File : BF095279.D
Acq On : 19 May 2017 23:47
Operator : SJ/MA
Sample : I3202-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 20 00:32:46 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 17:07:53 2017
Response via : Initial Calibration



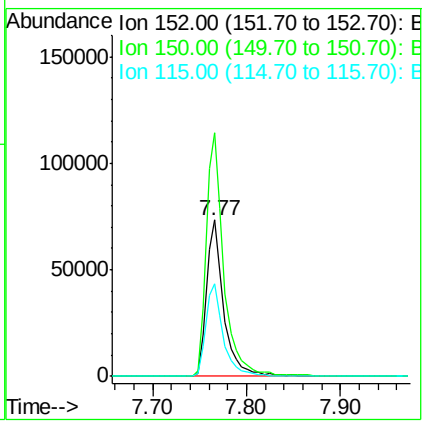


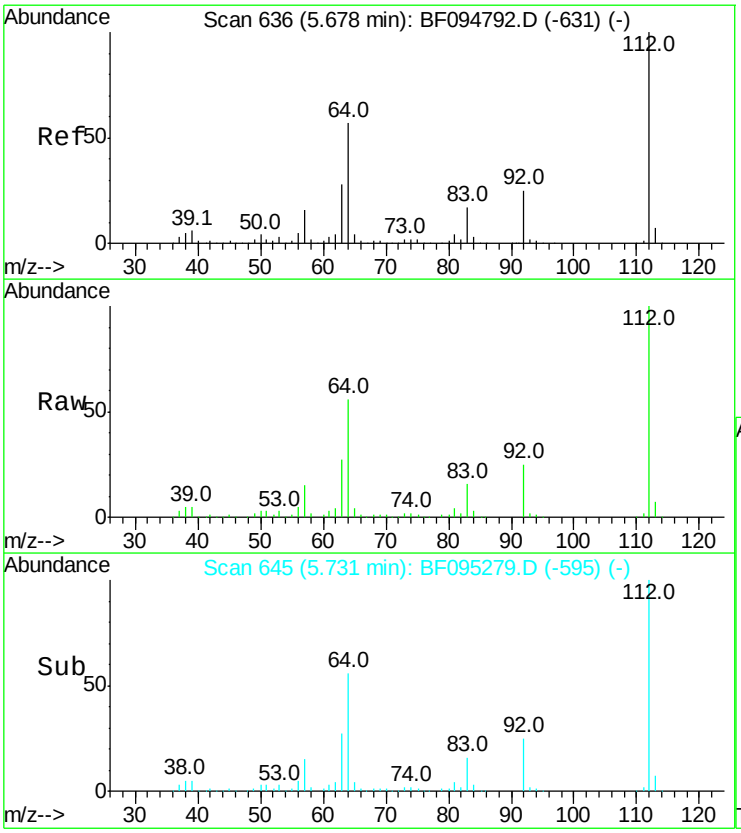
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF095279.D
Acq: 19 May 2017 23:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 94571

Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.2	189.2
115	59.3	52.2	78.2

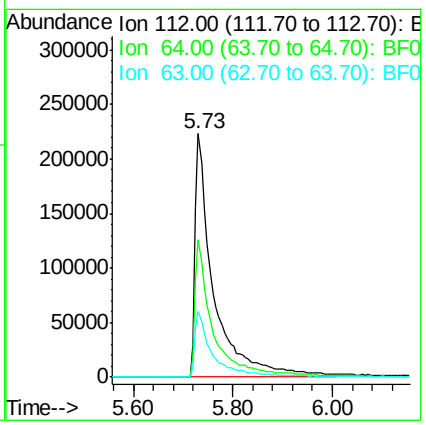


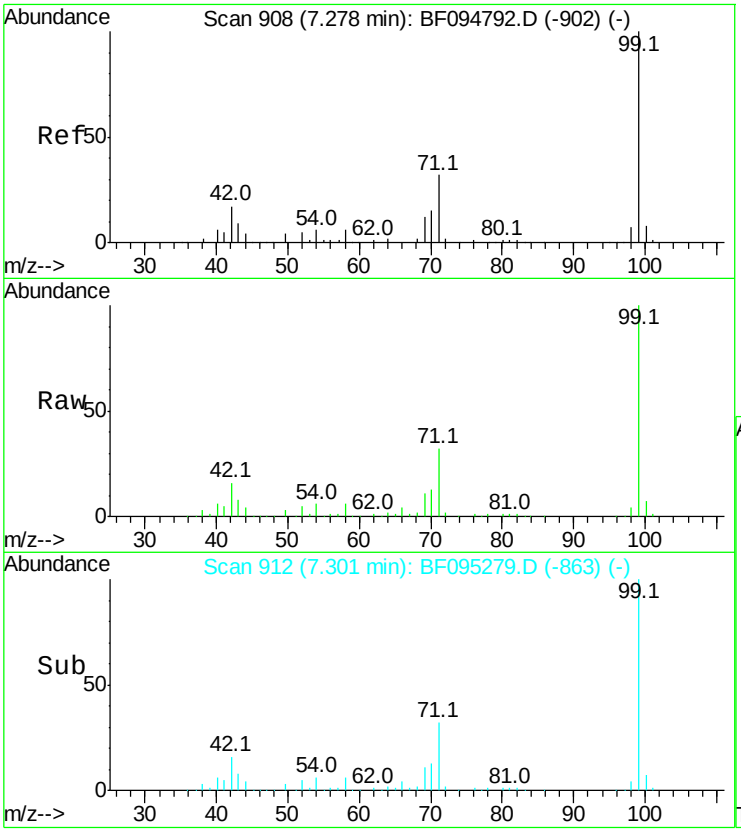


#5
2-Fluorophenol
Concen: 102.44 ng
RT: 5.73 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF095279.D
Acq: 19 May 2017 23:47

Tgt Ion:112 Resp: 581080

Ion	Ratio	Lower	Upper
112	100		
64	56.3	46.0	69.0
63	26.9	23.4	35.0



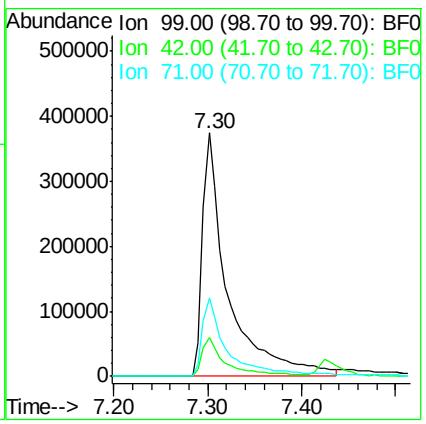


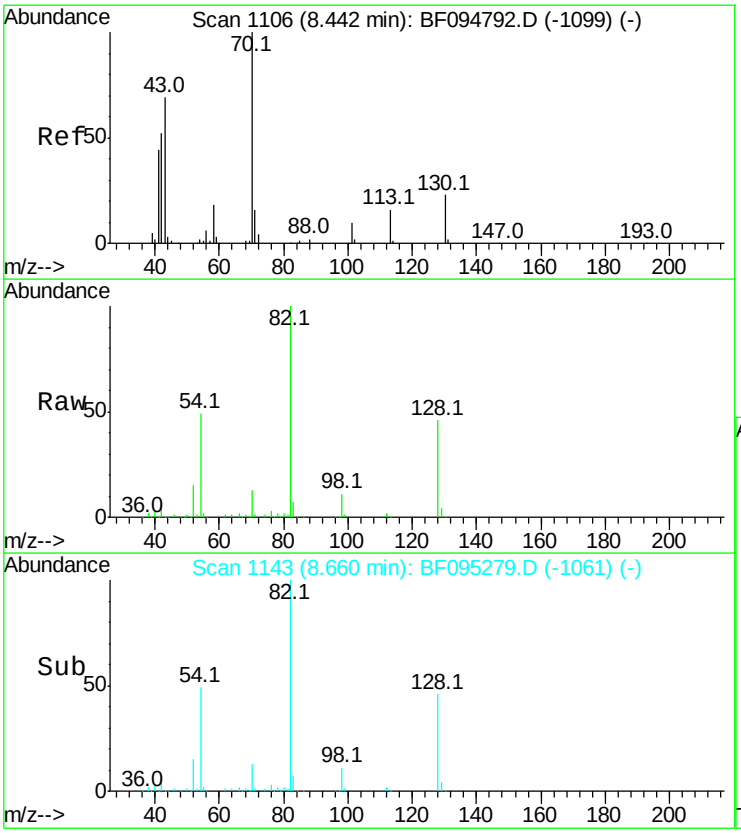
#7
Phenol-d6
Concen: 104.30 ng
RT: 7.30 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF095279.D
Acq: 19 May 2017 23:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 709848

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.5	20.3
71	32.1	24.5	36.7

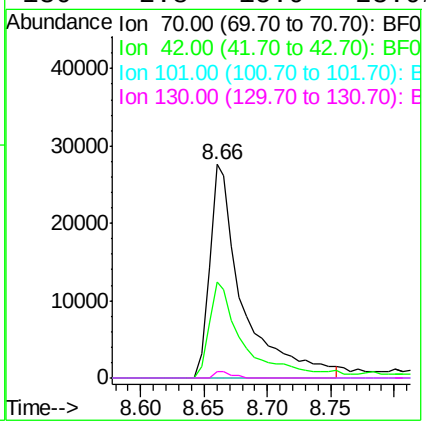


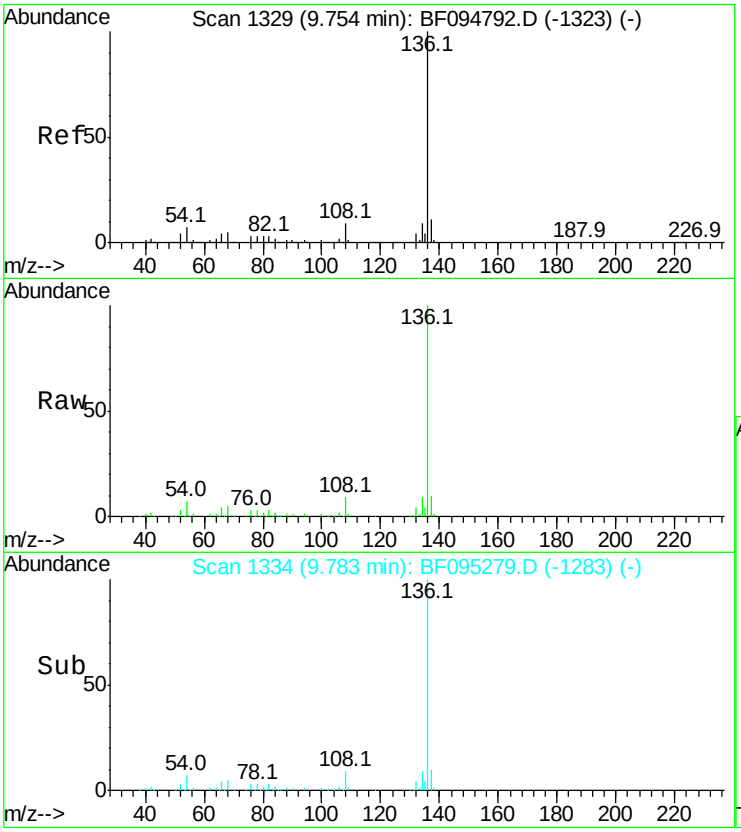


#19
n-Nitroso-di-n-propylamine
Concen: 10.94 ng
RT: 8.66 min Scan# 1143
Delta R.T. 0.18 min
Lab File: BF095279.D
Acq: 19 May 2017 23:47

Tgt Ion: 70 Resp: 50338

Ion	Ratio	Lower	Upper
70	100		
42	45.2	47.2	70.8#
101	0.0	7.2	10.8#
130	2.8	15.9	23.9#



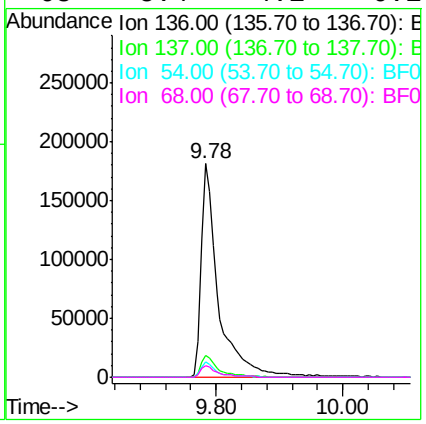


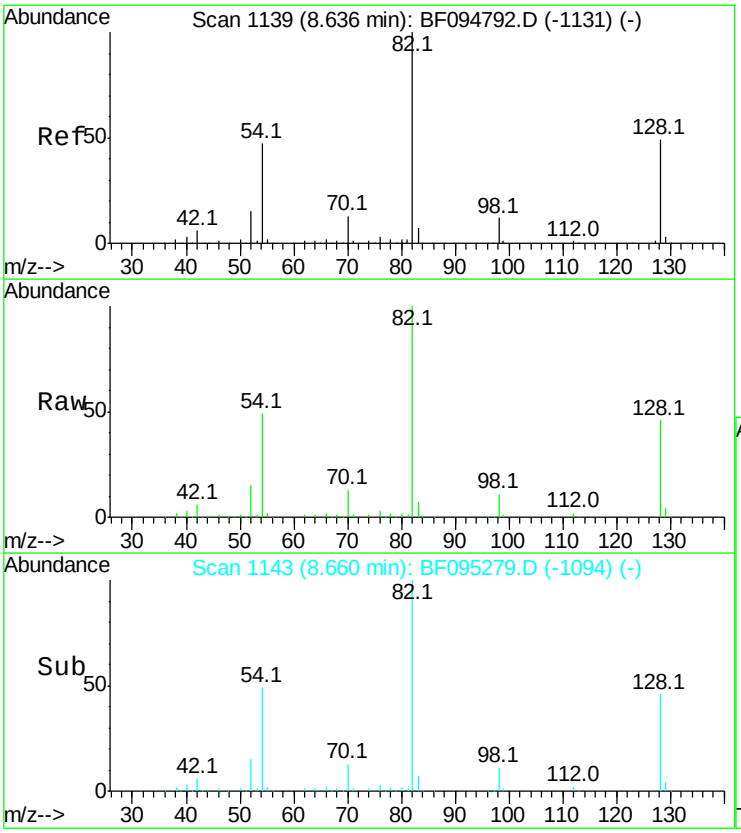
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.78 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF095279.D
Acq: 19 May 2017 23:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 343663

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.5	12.7
54	6.9	4.9	7.3
68	5.4	4.1	6.1

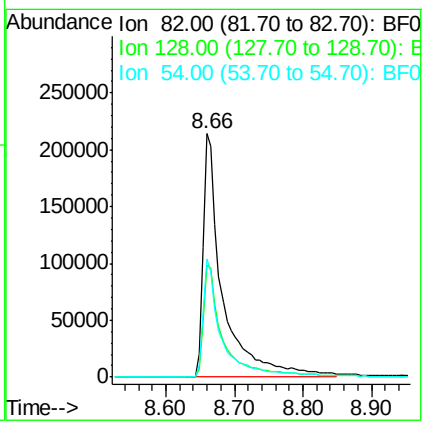


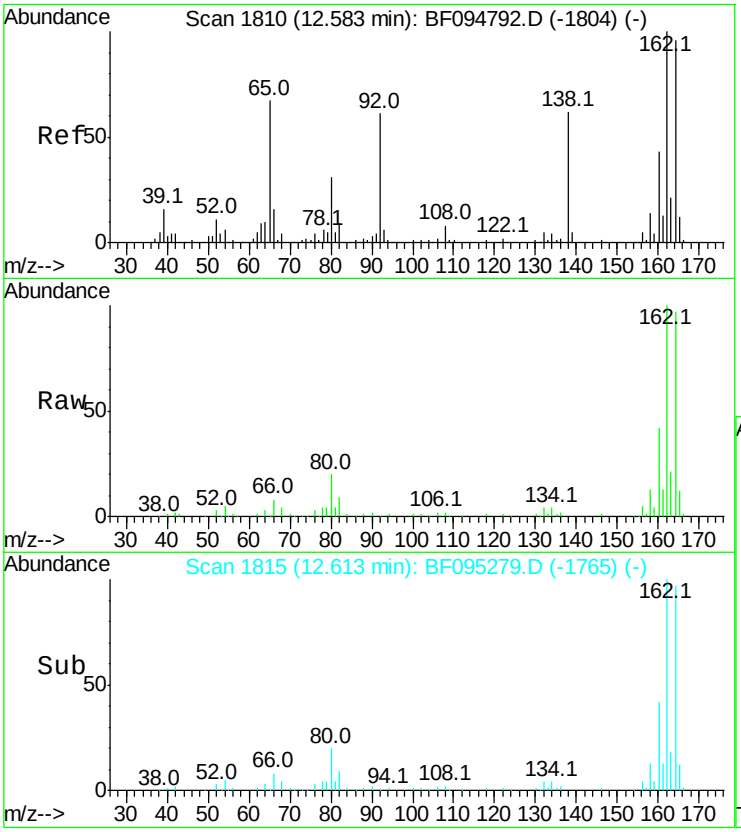


#23
Nitrobenzene-d5
Concen: 79.36 ng
RT: 8.66 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF095279.D
Acq: 19 May 2017 23:47

Tgt Ion: 82 Resp: 432531

Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.0	51.0
54	48.7	42.2	63.2



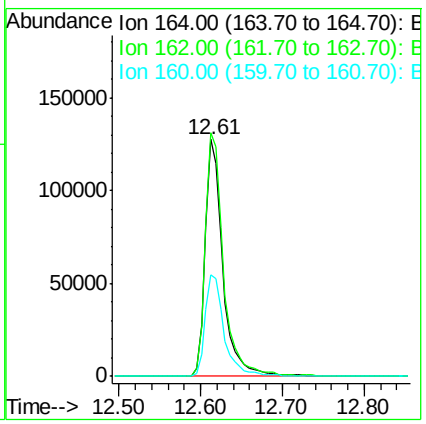


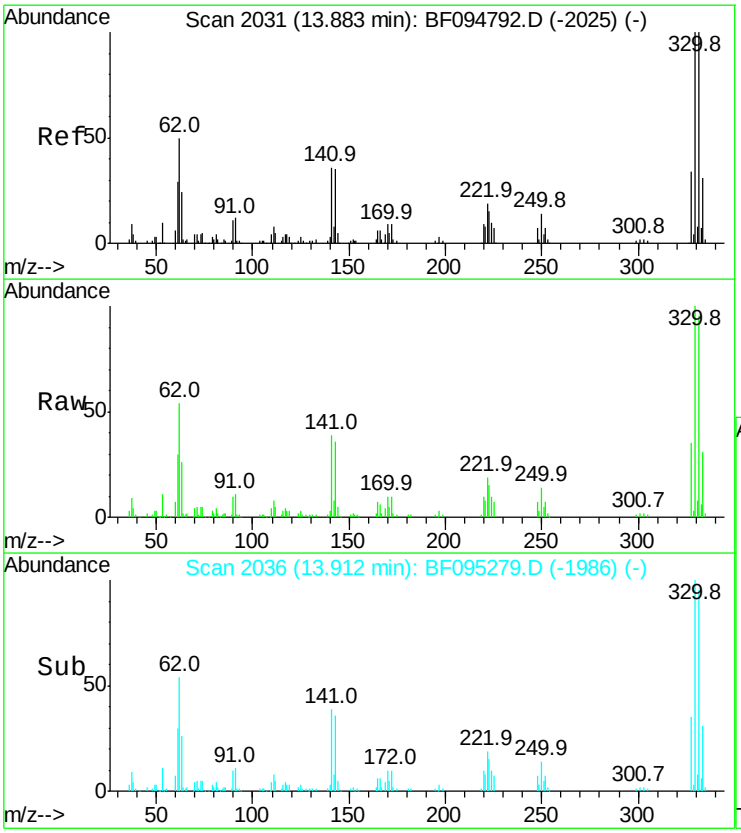
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.61 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF095279.D
Acq: 19 May 2017 23:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 191492

Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.6	123.8
160	43.1	36.2	54.2

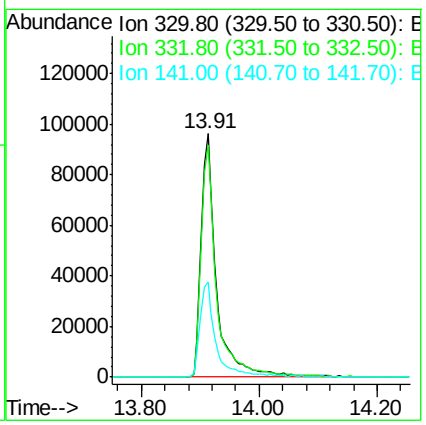


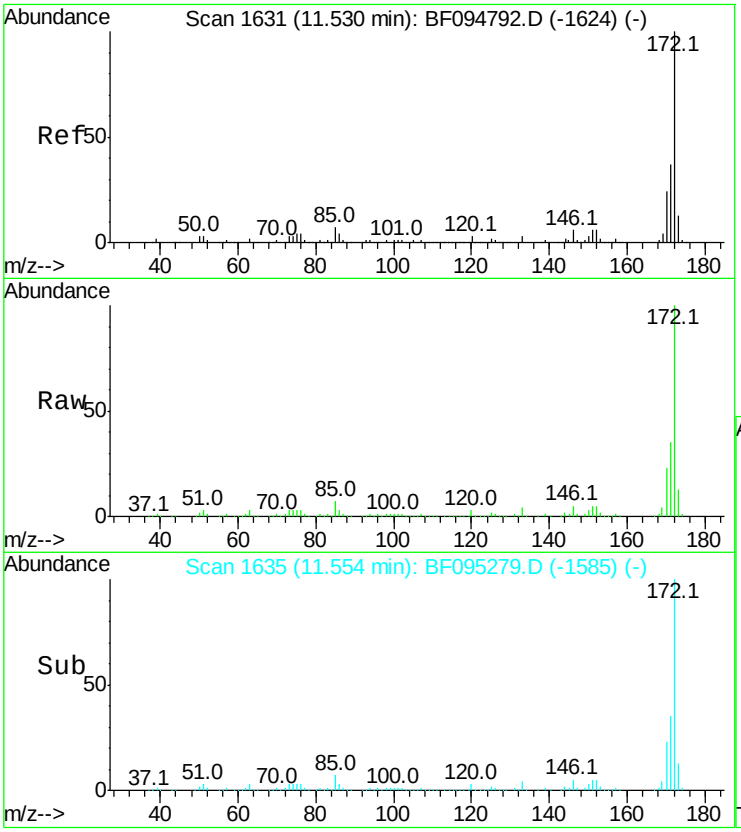


#41
2,4,6-Tribromophenol
Concen: 111.33 ng
RT: 13.91 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF095279.D
Acq: 19 May 2017 23:47

Tgt Ion:330 Resp: 174587

Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.6	115.0
141	39.7	31.4	47.2



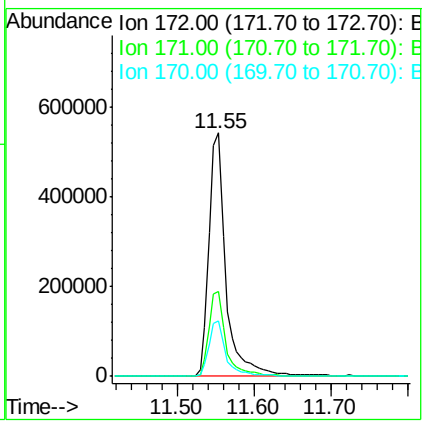


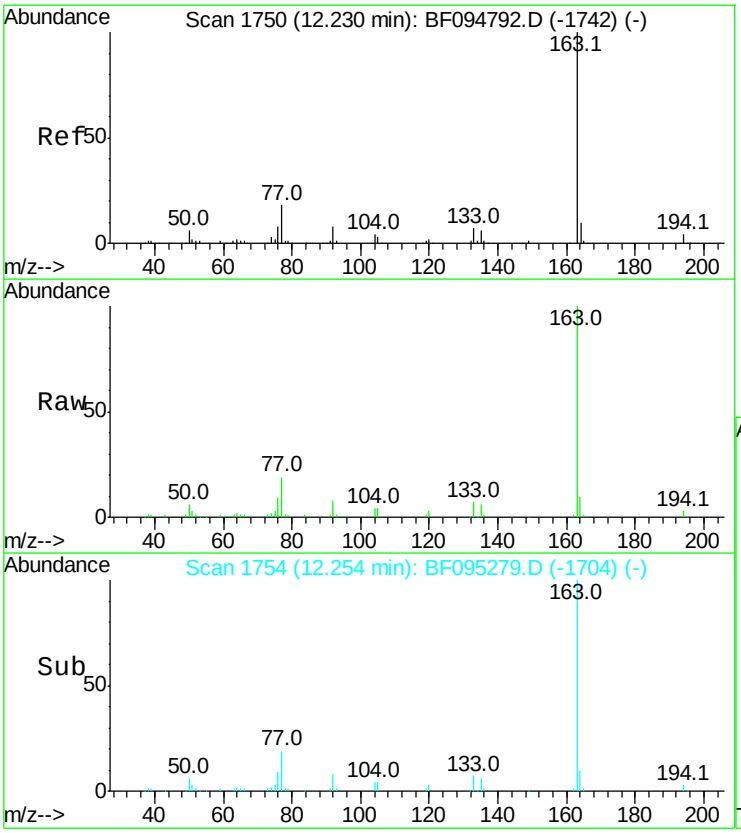
#44
2-Fluorobiphenyl
Concen: 61.98 ng
RT: 11.55 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BF095279.D
Acq: 19 May 2017 23:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 824615

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.6	44.4
170	22.9	19.8	29.8

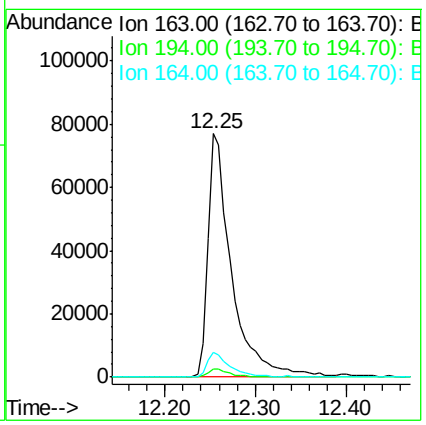


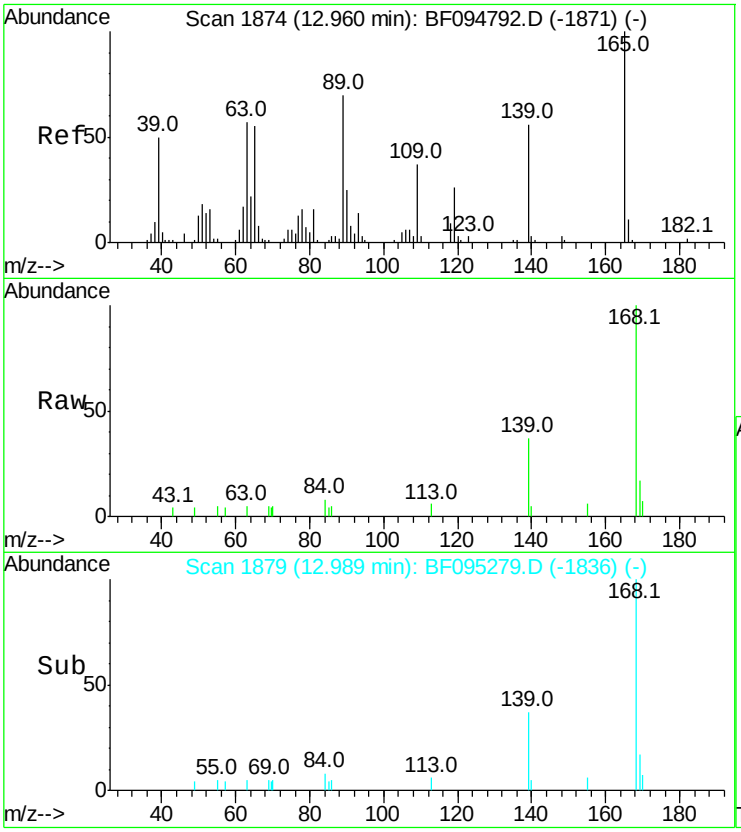


#49
Dimethylphthalate
Concen: 8.90 ng
RT: 12.25 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF095279.D
Acq: 19 May 2017 23:47

Tgt Ion:163 Resp: 139975

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.0	8.4	12.6



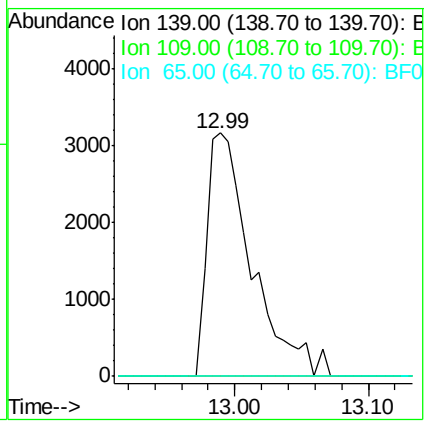


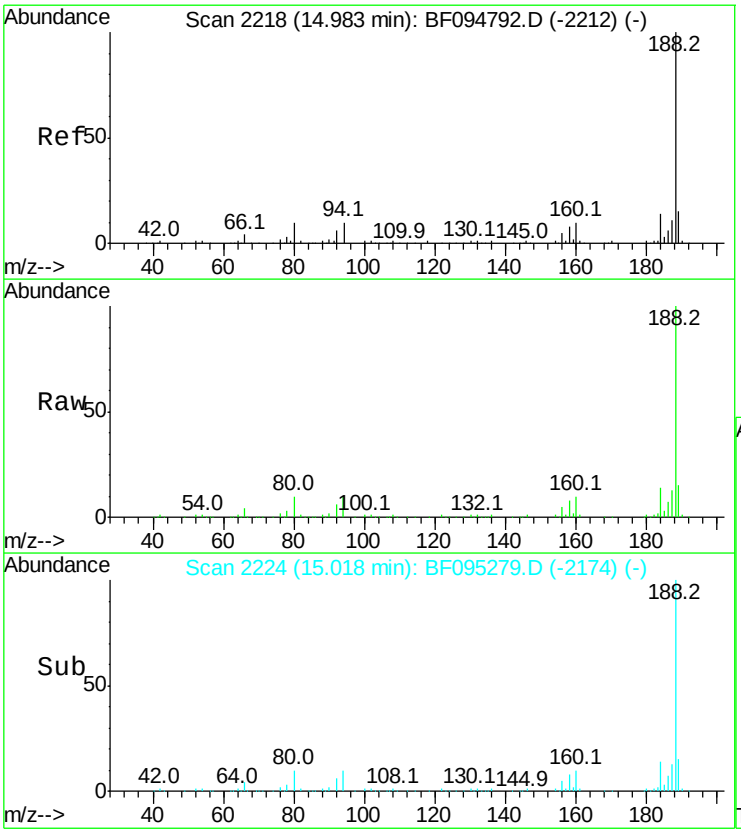
#55
4-Nitrophenol
Concen: 3.58 ng
RT: 12.99 min Scan# 1879
Delta R.T. -0.05 min
Lab File: BF095279.D
Acq: 19 May 2017 23:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 7411

Ion	Ratio	Lower	Upper
139	100		
109	0.0	34.1	74.1#
65	0.0	31.4	71.4#

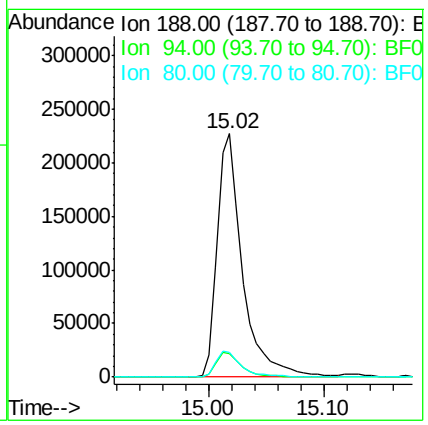


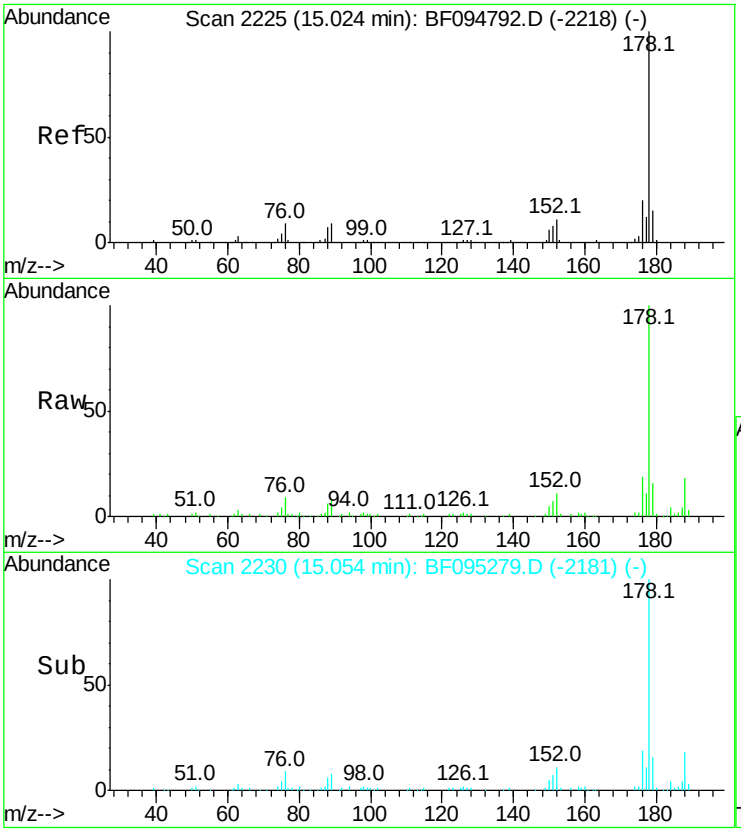


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF095279.D
Acq: 19 May 2017 23:47

Tgt Ion:188 Resp: 344225

Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.4	14.2
80	9.9	10.2	15.2#



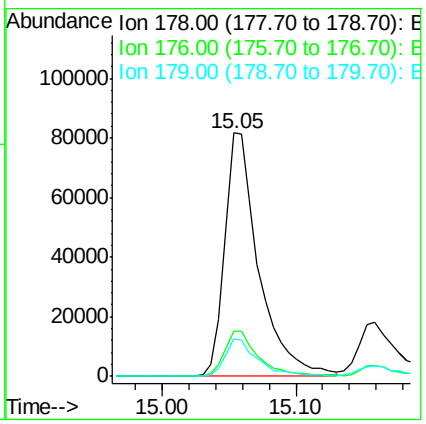


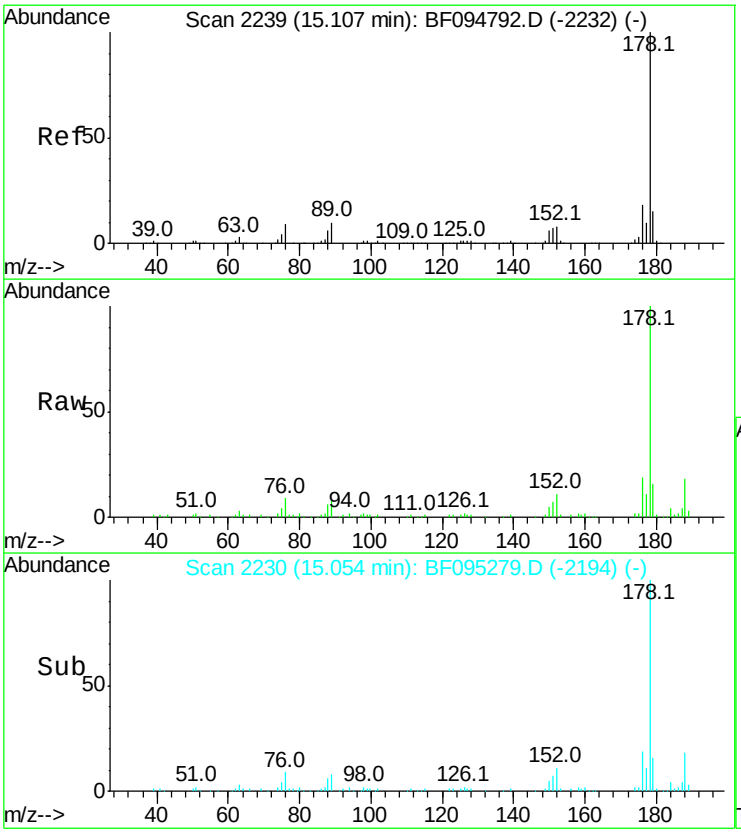
#70
Phenanthrene
Concen: 7.37 ng
RT: 15.05 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF095279.D
Acq: 19 May 2017 23:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 145842

Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.2	24.4
179	15.5	12.6	19.0

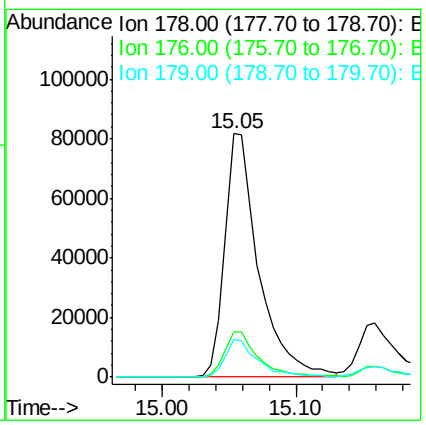


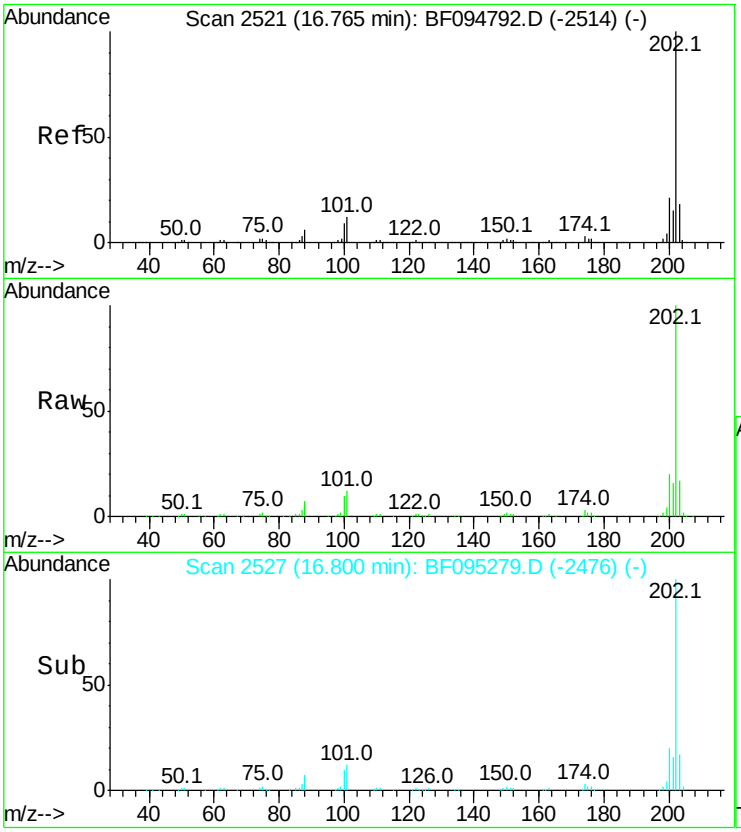


#71
Anthracene
Concen: 7.22 ng
RT: 15.05 min Scan# 2230
Delta R.T. -0.09 min
Lab File: BF095279.D
Acq: 19 May 2017 23:47

Tgt Ion:178 Resp: 145842

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	15.5	12.7	19.1



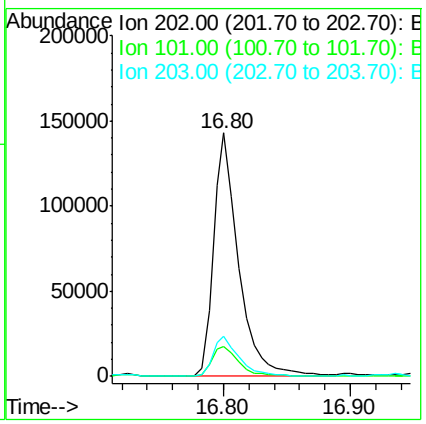


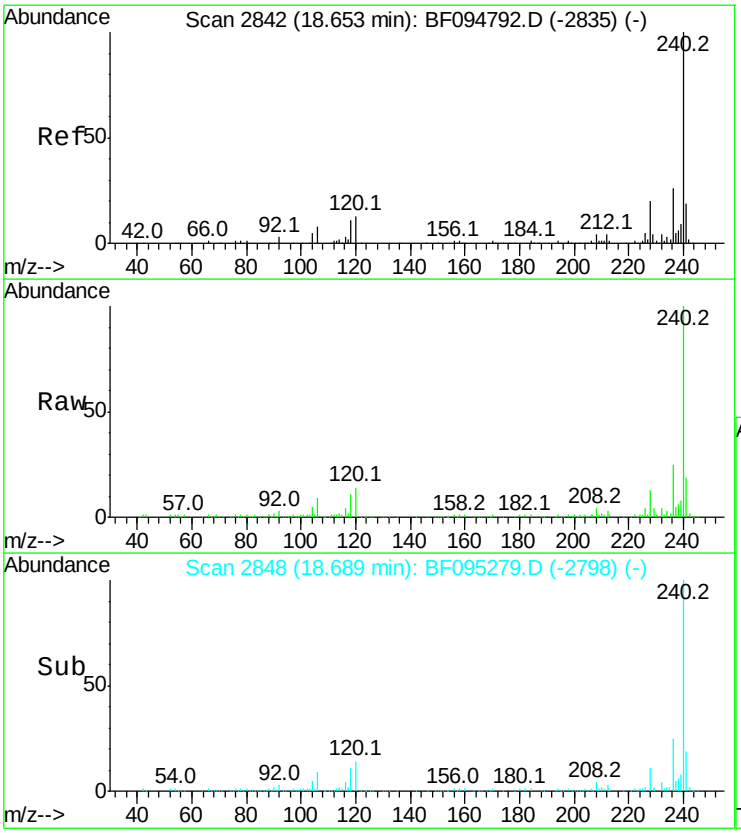
#74
Fluoranthene
Concen: 9.69 ng
RT: 16.80 min Scan# 2527
Delta R.T. -0.00 min
Lab File: BF095279.D
Acq: 19 May 2017 23:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 196591

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	33.2
203	16.6	0.0	38.1

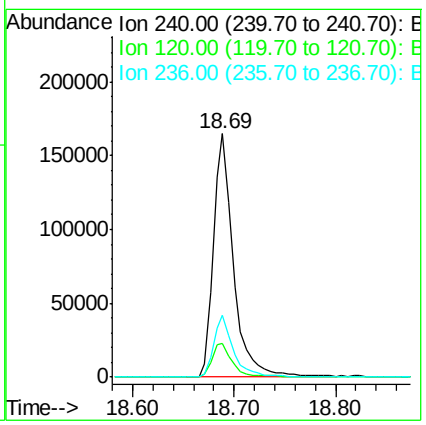


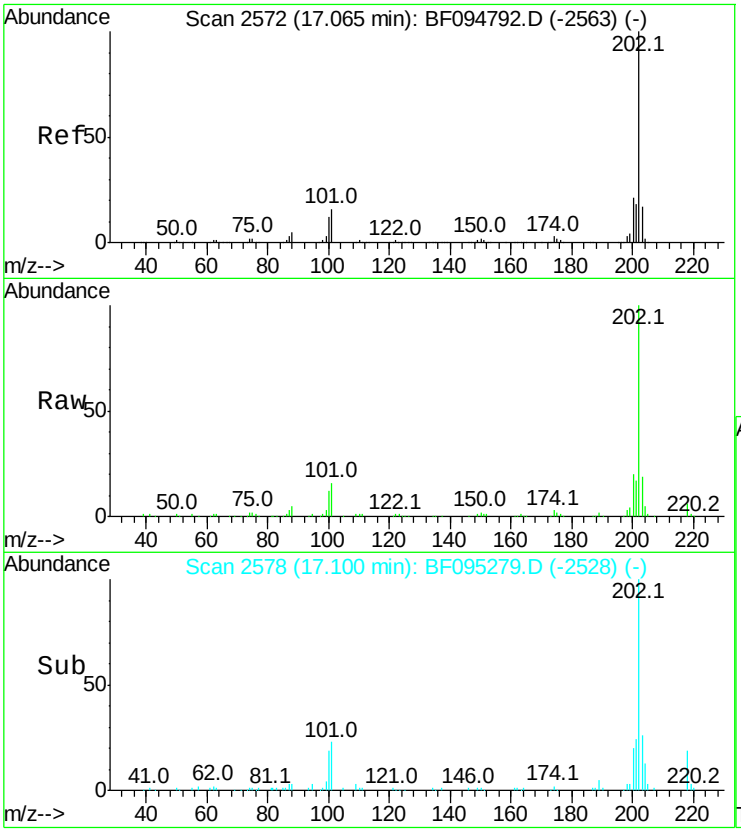


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.69 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BF095279.D
Acq: 19 May 2017 23:47

Tgt Ion:240 Resp: 226517

Ion	Ratio	Lower	Upper
240	100		
120	14.1	5.8	8.8#
236	25.2	20.5	30.7



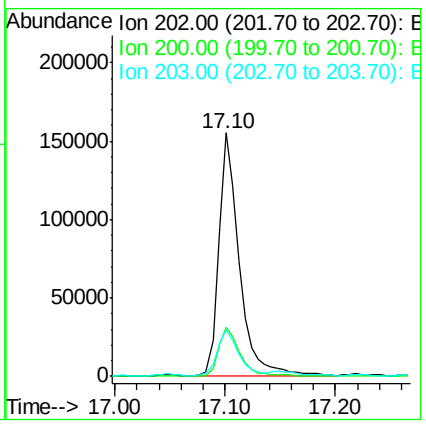


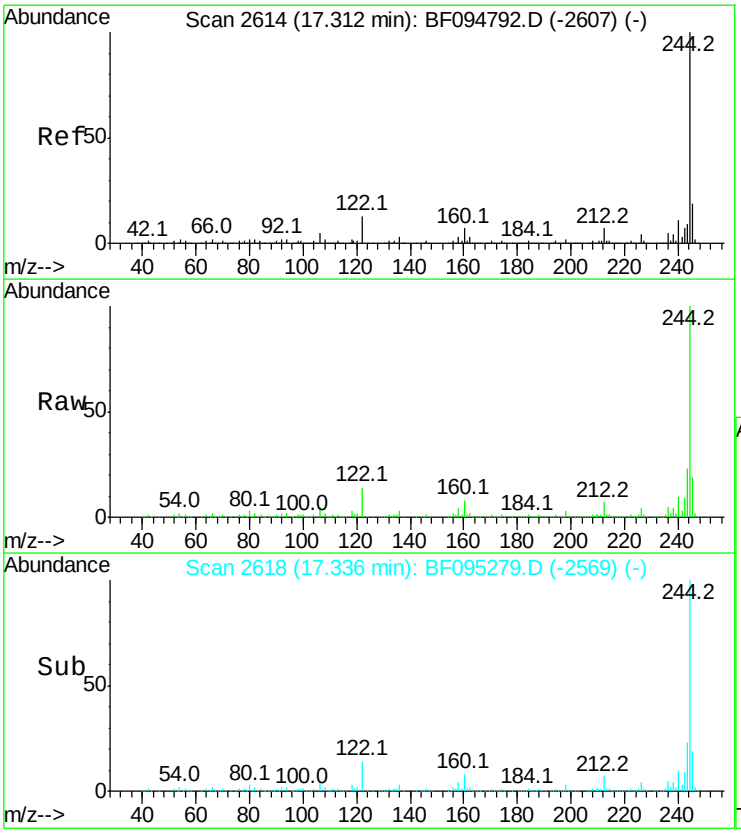
#77
Pyrene
Concen: 11.76 ng
RT: 17.10 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BF095279.D
Acq: 19 May 2017 23:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 199156

Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.6	26.4
203	19.1	14.4	21.6

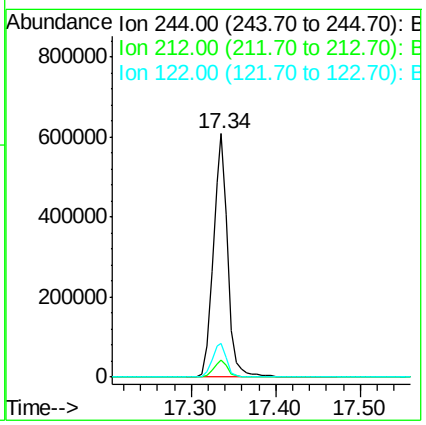


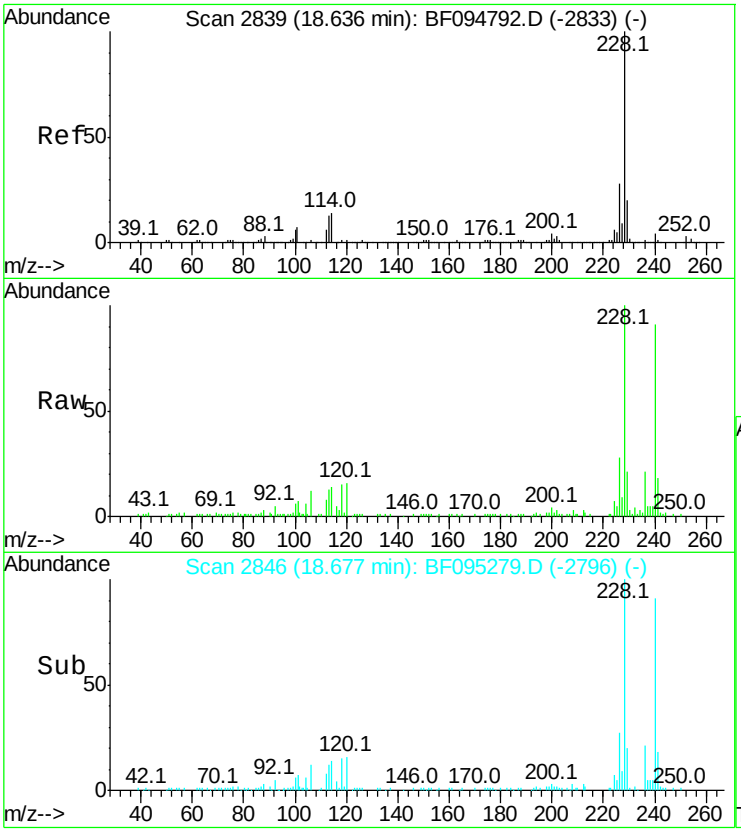


#78
Terphenyl-d14
Concen: 71.47 ng
RT: 17.34 min Scan# 2618
Delta R.T. -0.01 min
Lab File: BF095279.D
Acq: 19 May 2017 23:47

Tgt Ion:244 Resp: 734978

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	13.6	10.3	15.5



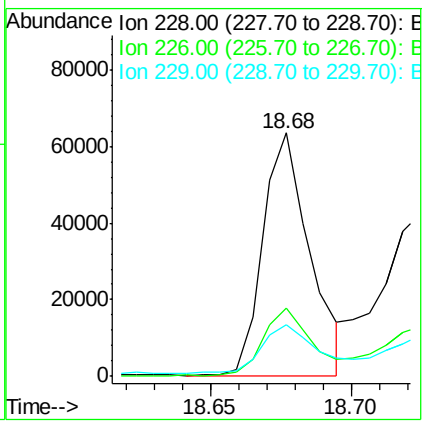


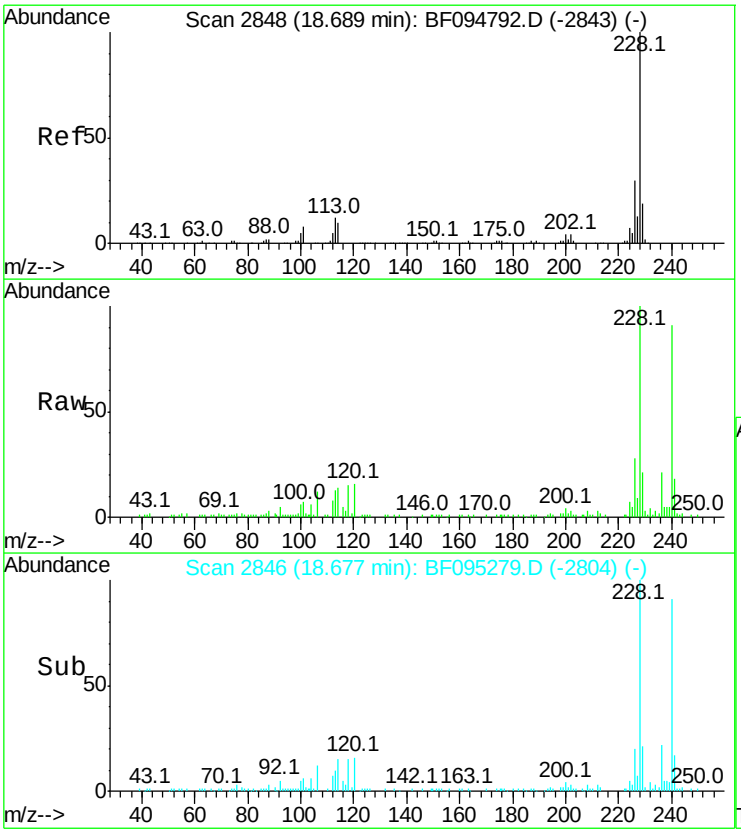
#80
Benzo(a)anthracene
Concen: 5.58 ng
RT: 18.68 min Scan# 2846
Delta R.T. -0.01 min
Lab File: BF095279.D
Acq: 19 May 2017 23:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 73572

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	21.4	16.3	24.5

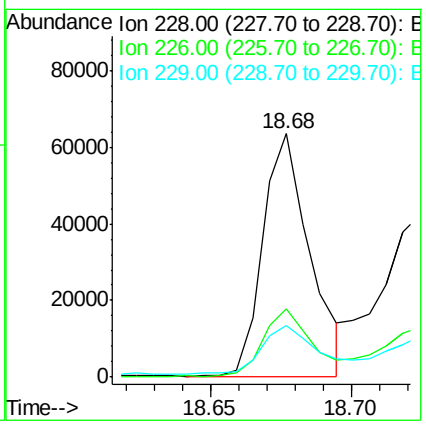


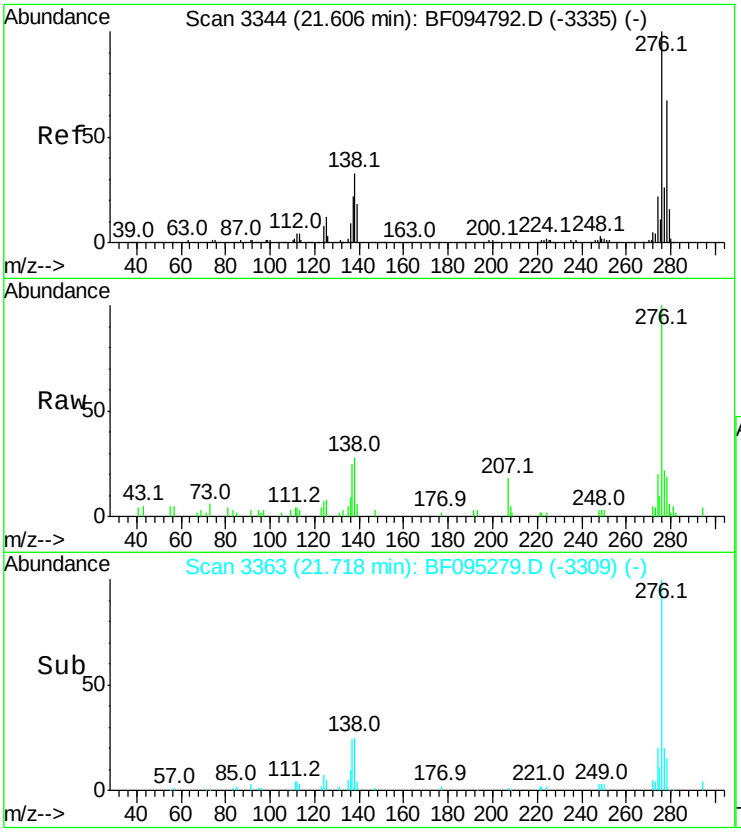


#82
Chrysene
Concen: 5.77 ng
RT: 18.68 min Scan# 2846
Delta R.T. -0.05 min
Lab File: BF095279.D
Acq: 19 May 2017 23:47

Tgt Ion:228 Resp: 73572

Ion	Ratio	Lower	Upper
228	100		
226	28.0	24.9	37.3
229	21.4	15.8	23.6



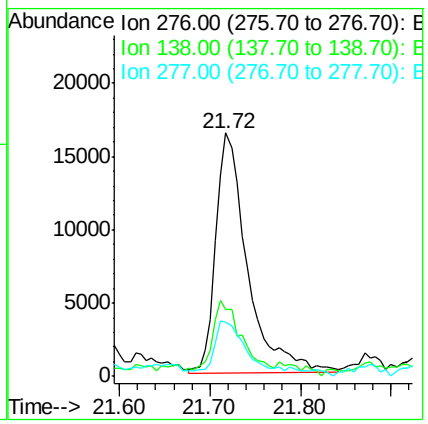


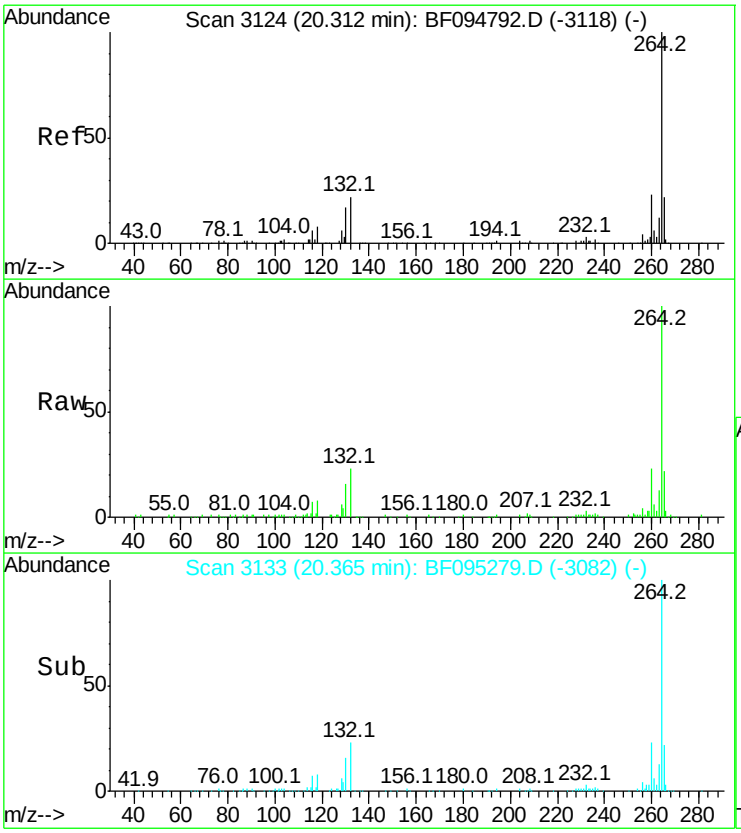
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.86 ng
RT: 21.72 min Scan# 3363
Delta R.T. 0.02 min
Lab File: BF095279.D
Acq: 19 May 2017 23:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 39919

Ion	Ratio	Lower	Upper
276	100		
138	27.7	27.8	41.6#
277	19.9	20.2	30.4#

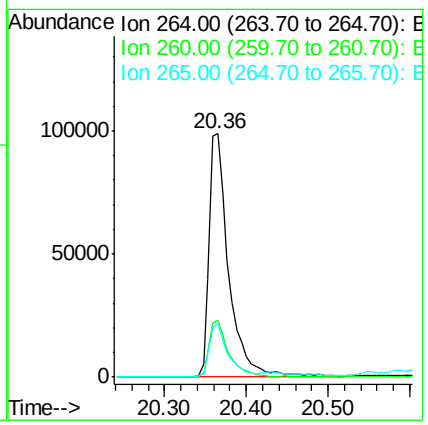


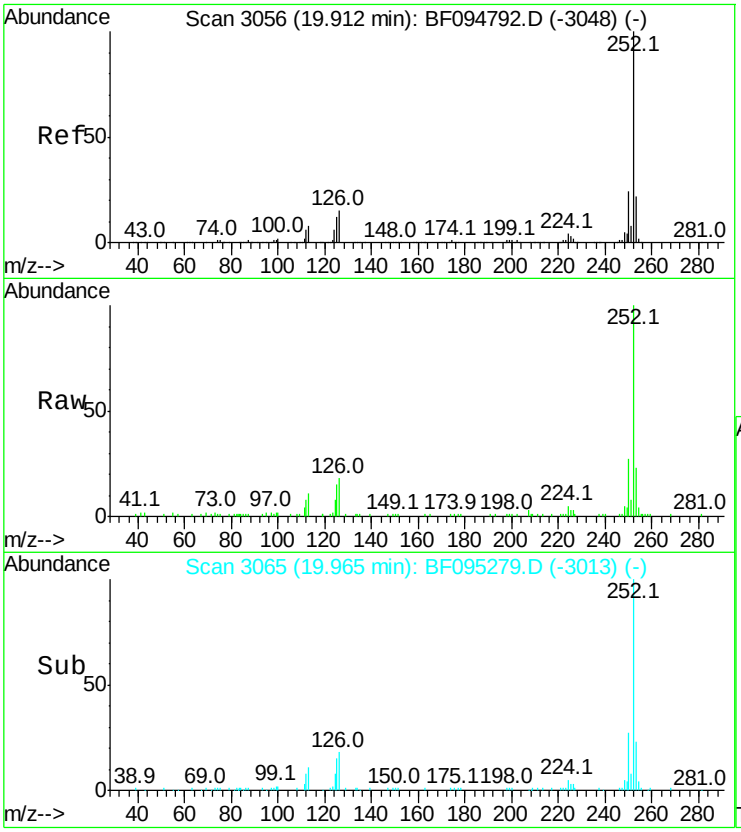


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3133
Delta R.T. 0.00 min
Lab File: BF095279.D
Acq: 19 May 2017 23:47

Tgt Ion:264 Resp: 164843

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	22.5	17.2	25.8



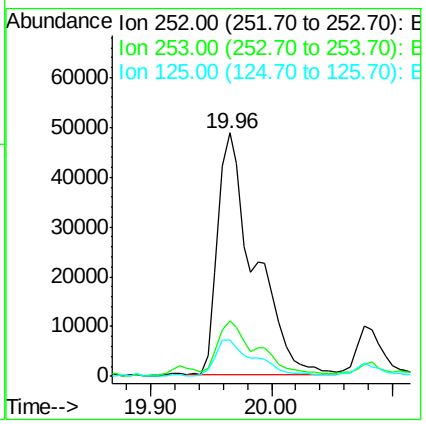


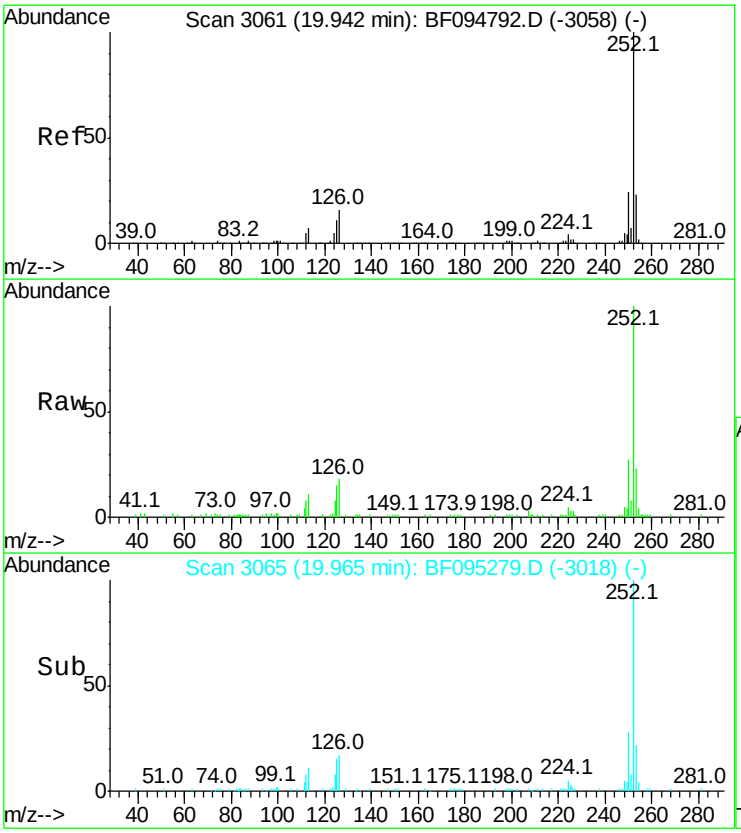
#87
Benzo(b)fluoranthene
Concen: 10.02 ng
RT: 19.96 min Scan# 3065
Delta R.T. 0.01 min
Lab File: BF095279.D
Acq: 19 May 2017 23:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 102072

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	14.6	9.8	14.8

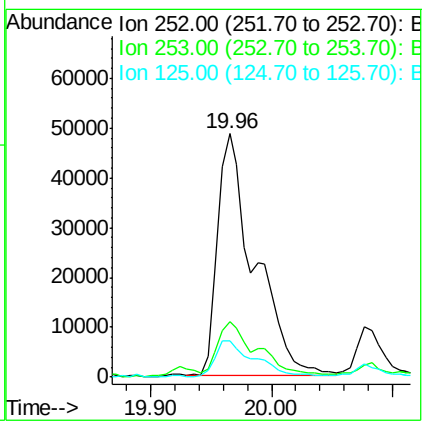


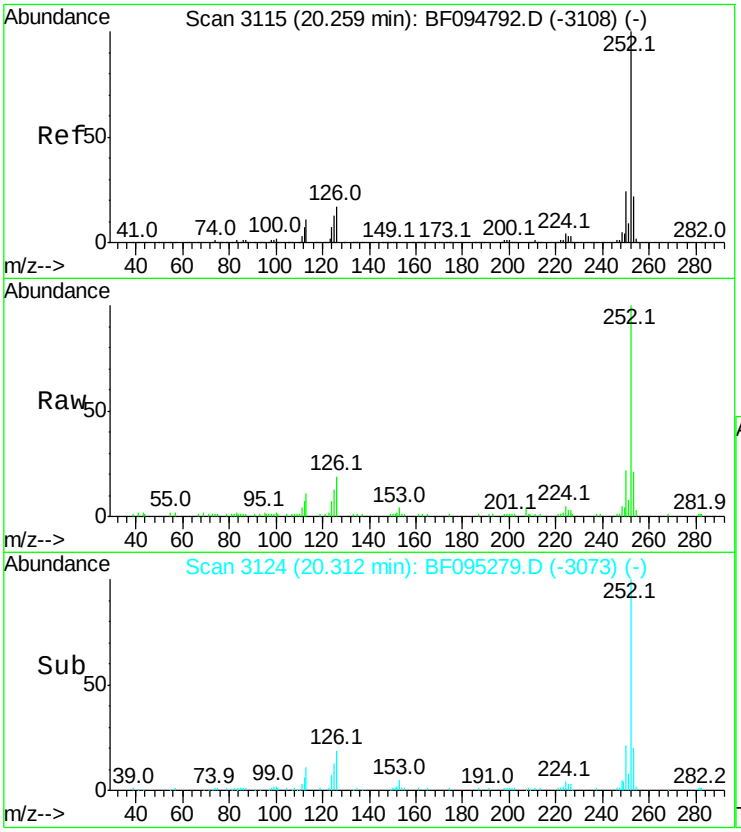


#88
Benzo(k)fluoranthene
Concen: 10.39 ng
RT: 19.96 min Scan# 3065
Delta R.T. -0.02 min
Lab File: BF095279.D
Acq: 19 May 2017 23:47

Tgt Ion:252 Resp: 102072

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.4	27.6
125	14.6	13.1	19.7



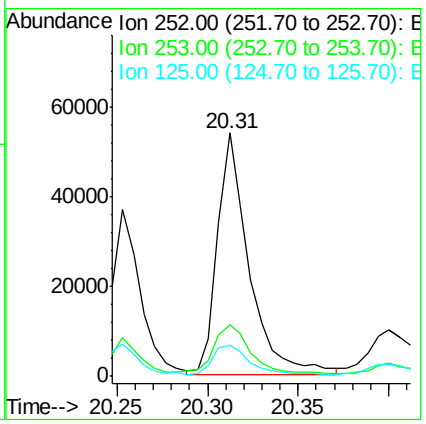


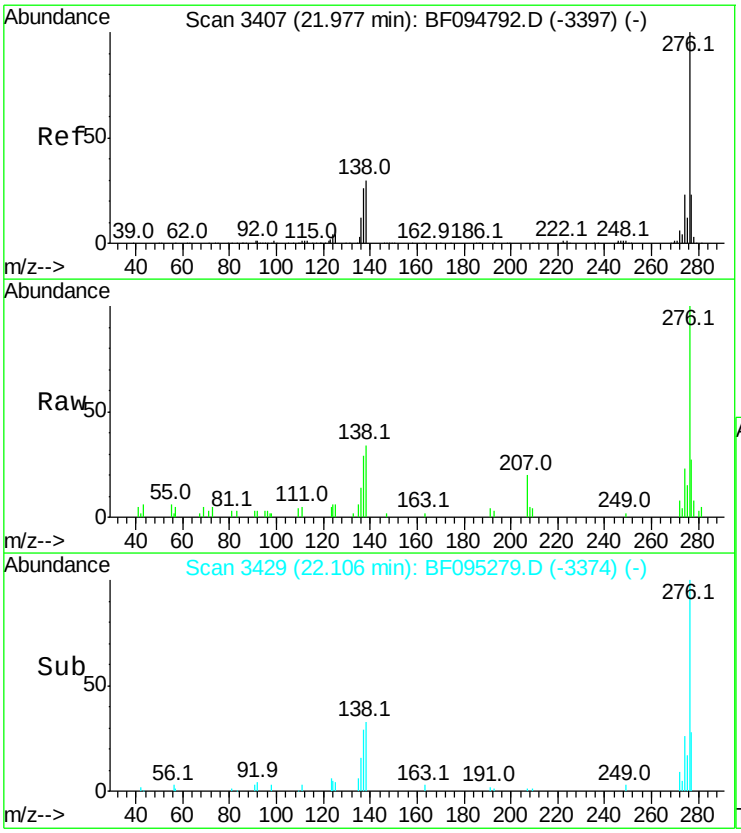
#89
Benzo(a)pyrene
Concen: 6.95 ng
RT: 20.31 min Scan# 3124
Delta R.T. -0.00 min
Lab File: BF095279.D
Acq: 19 May 2017 23:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 65288

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.5	26.3
125	13.0	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 5.29 ng
RT: 22.11 min Scan# 3429
Delta R.T. 0.02 min
Lab File: BF095279.D
Acq: 19 May 2017 23:47

Tgt Ion:276 Resp: 40322

Ion	Ratio	Lower	Upper
276	100		
277	26.9	18.6	28.0
138	33.7	25.4	38.0