Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060617\
Data File : BF095726.D
Acq On : 7 Jun 2017 00:16
Operator : SJ/MA
Sample : I3482-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 07 02:49:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	79265	20.00	ng		-0.02
21) Naphthalene-d8	9.41	136	304343	20.00	ng		-0.02
38) Acenaphthene-d10	12.23	164	122311	20.00	ng		-0.02
63) Phenanthrene-d10	14.63	188	180561	20.00	ng		-0.02
75) Chrysene-d12	18.34	240	145931	20.00	ng		-0.01
86) Perylene-d12	20.02	264	105927	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	468791	94.24	ng		-0.02
7) Phenol-d6	6.94	99	572223	96.09	ng		-0.02
23) Nitrobenzene-d5	8.30	82	318917	65.08	ng		-0.02
41) 2,4,6-Tribromophenol	13.53	330	91025	84.11	ng		-0.02
44) 2-Fluorobiphenyl	11.19	172	589589	67.08	ng		-0.02
78) Terphenyl-d14	17.00	244	357869	60.86	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	8.30	70	39512	10.47	ng	#	75
48) Acenaphthylene	12.01	152	46592	3.46	ng		97
49) Dimethylphthalate	11.89	163	85337	9.19	ng		97
55) 4-Nitrophenol	12.67	139	414	4.91	ng	#	25
57) Fluorene	13.13	166	19260	2.02	ng	#	88
70) Phenanthrene	14.66	178	160569	15.41	ng		97
71) Anthracene	14.75	178	67256	6.18	ng		98
74) Fluoranthene	16.44	202	261495	25.36	ng		98
77) Pyrene	16.74	202	361801	33.23	ng		97
80) Benzo(a)anthracene	18.33	228	166692	19.65	ng		93
82) Chrysene	18.38	228	171285	20.20	ng		96
87) Benzo(b)fluoranthene	19.61	252	177403	26.75	ng	#	94
88) Benzo(k)fluoranthene	19.61	252	177403	27.98	ng		98
89) Benzo(a)pyrene	19.96	252	108796	17.85	ng	#	94
90) Dibenzo(a,h)anthracene	21.19	278	16205	3.13	ng	#	70
91) Benzo(g,h,i)perylene	21.53	276	50661	9.61	ng		95

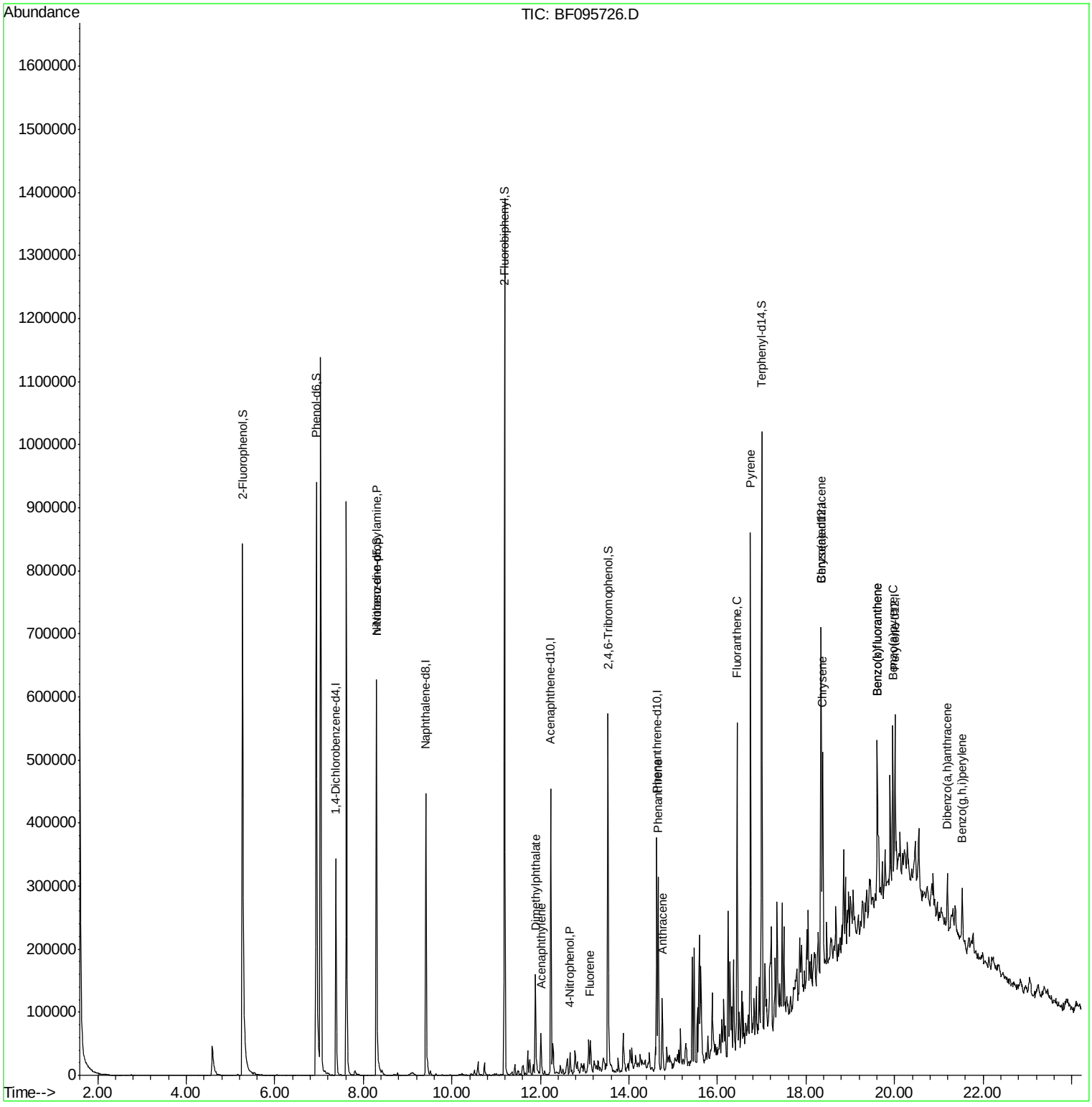
(#) = qualifier out of range (m) = manual integration (+) = signals summed

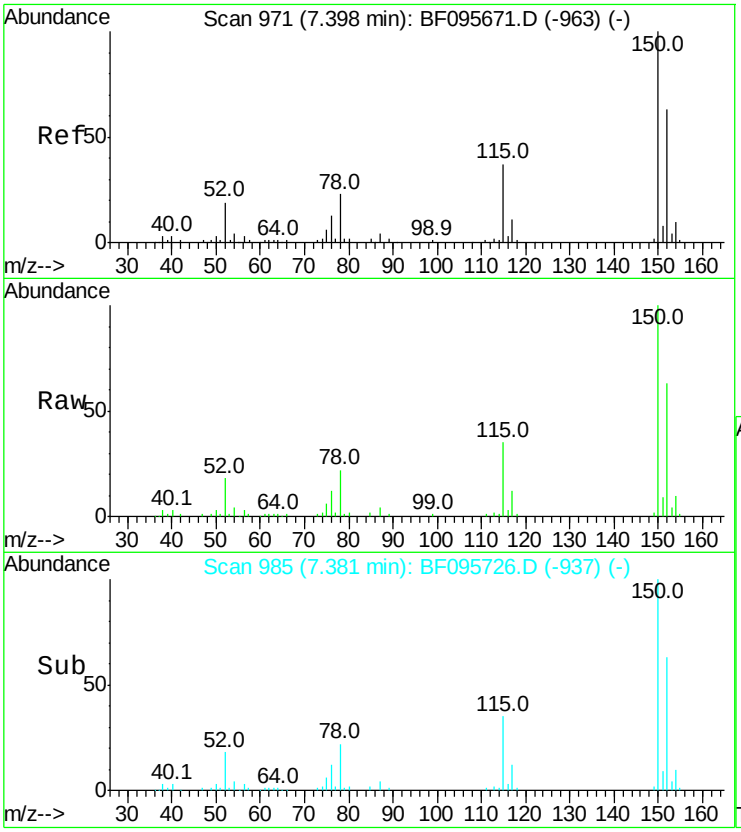
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060617\
Data File : BF095726.D
Acq On : 7 Jun 2017 00:16
Operator : SJ/MA
Sample : I3482-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 07 02:49:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration



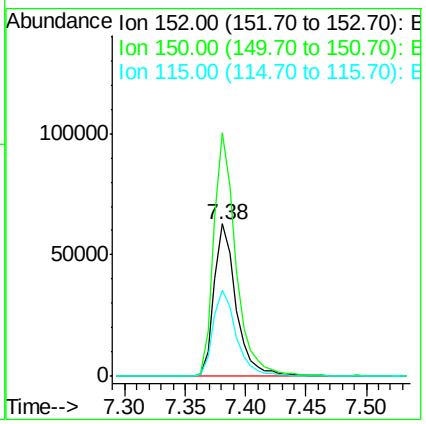


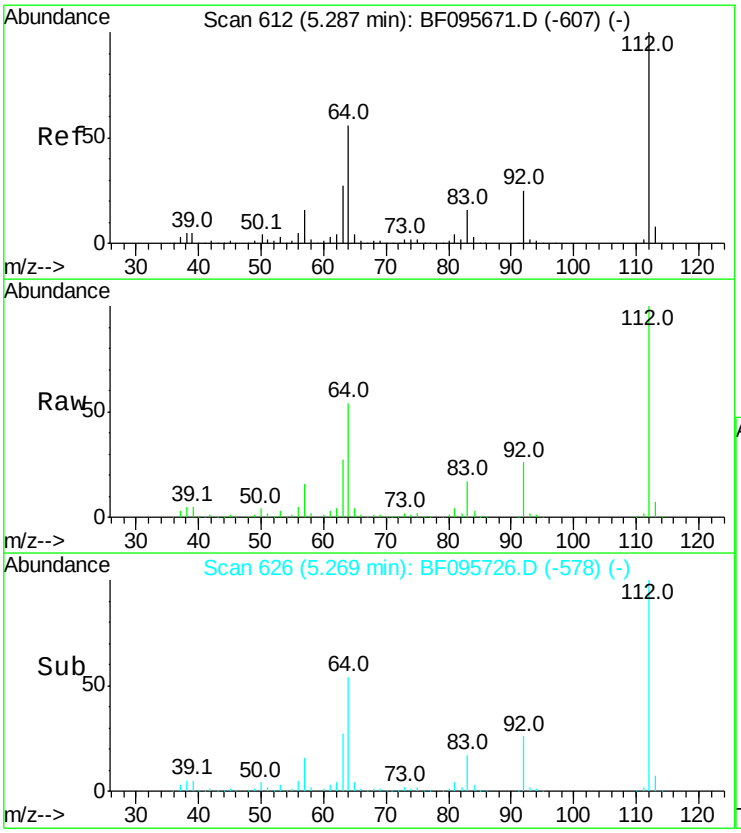
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF095726.D
Acq: 7 Jun 2017 00:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 79265

Ion	Ratio	Lower	Upper
152	100		
150	159.9	126.2	189.2
115	56.7	52.2	78.2

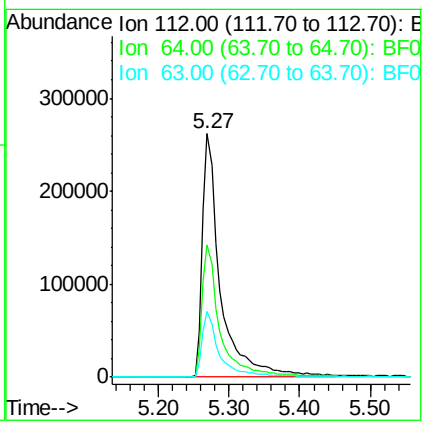


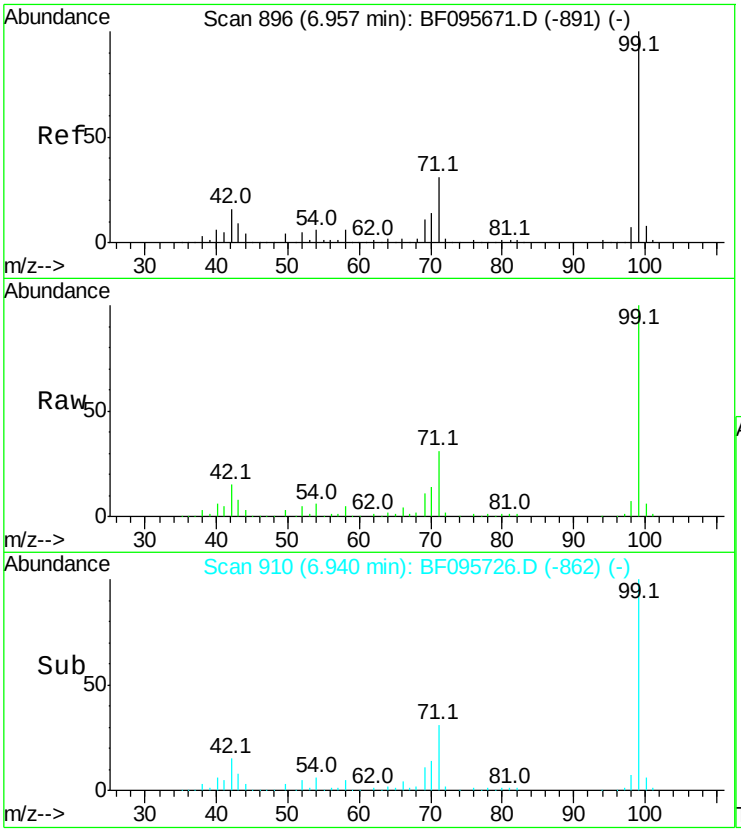


#5
2-Fluorophenol
Concen: 94.24 ng
RT: 5.27 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF095726.D
Acq: 7 Jun 2017 00:16

Tgt Ion:112 Resp: 468791

Ion	Ratio	Lower	Upper
112	100		
64	54.4	46.0	69.0
63	26.8	23.4	35.0



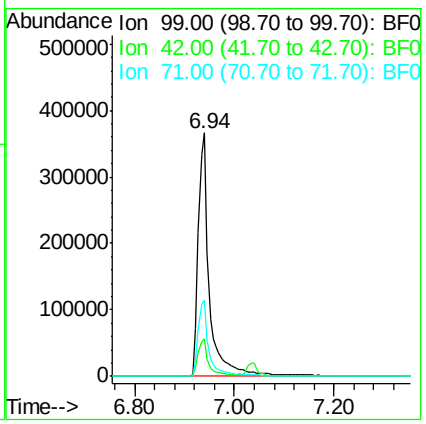


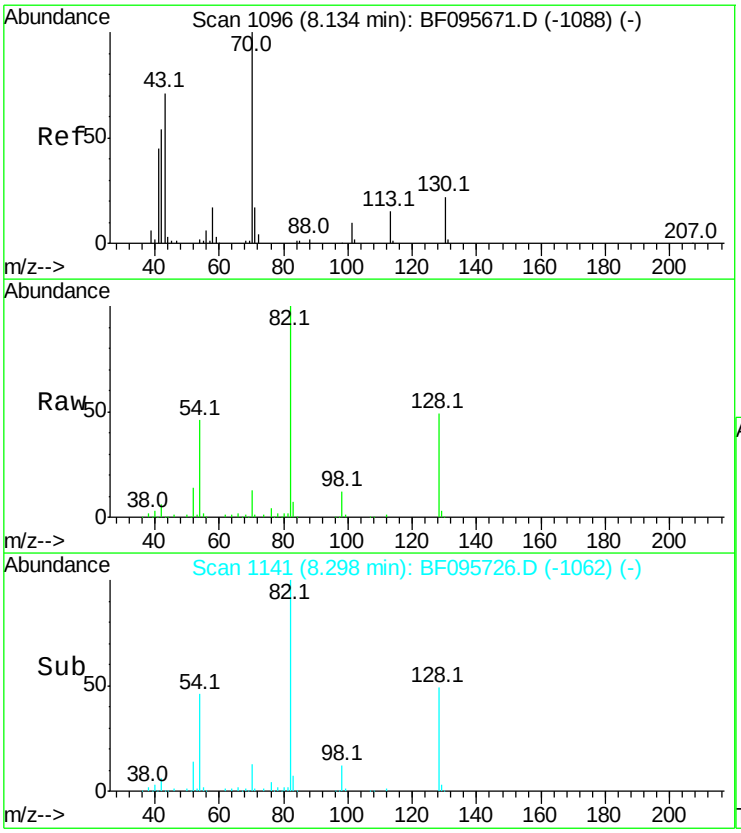
#7
Phenol-d6
Concen: 96.09 ng
RT: 6.94 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF095726.D
Acq: 7 Jun 2017 00:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 572223

Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.5	20.3
71	31.0	24.5	36.7

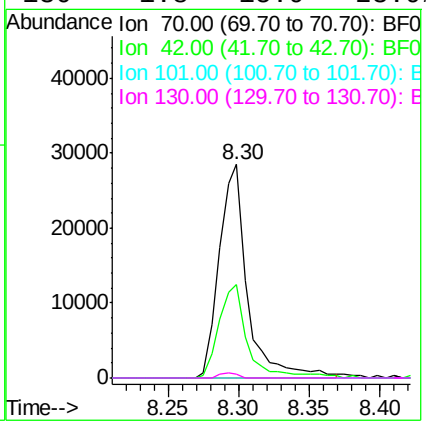


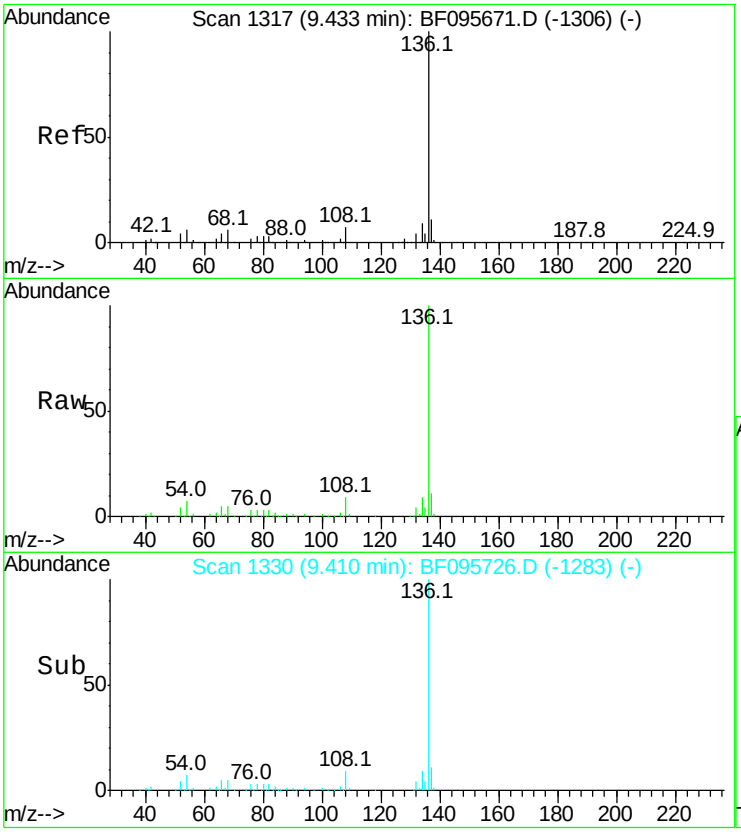


#19
n-Nitroso-di-n-propylamine
Concen: 10.47 ng
RT: 8.30 min Scan# 1141
Delta R.T. 0.16 min
Lab File: BF095726.D
Acq: 7 Jun 2017 00:16

Tgt Ion: 70 Resp: 39512

Ion	Ratio	Lower	Upper
70	100		
42	44.0	47.2	70.8#
101	0.0	7.2	10.8#
130	1.8	15.9	23.9#



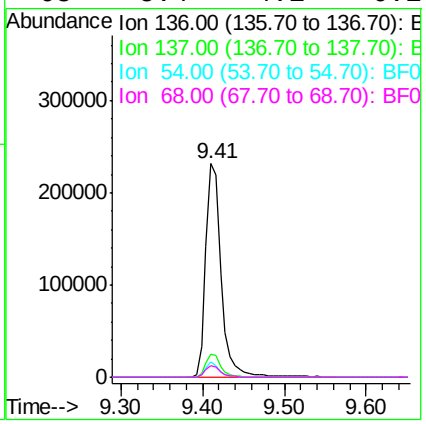


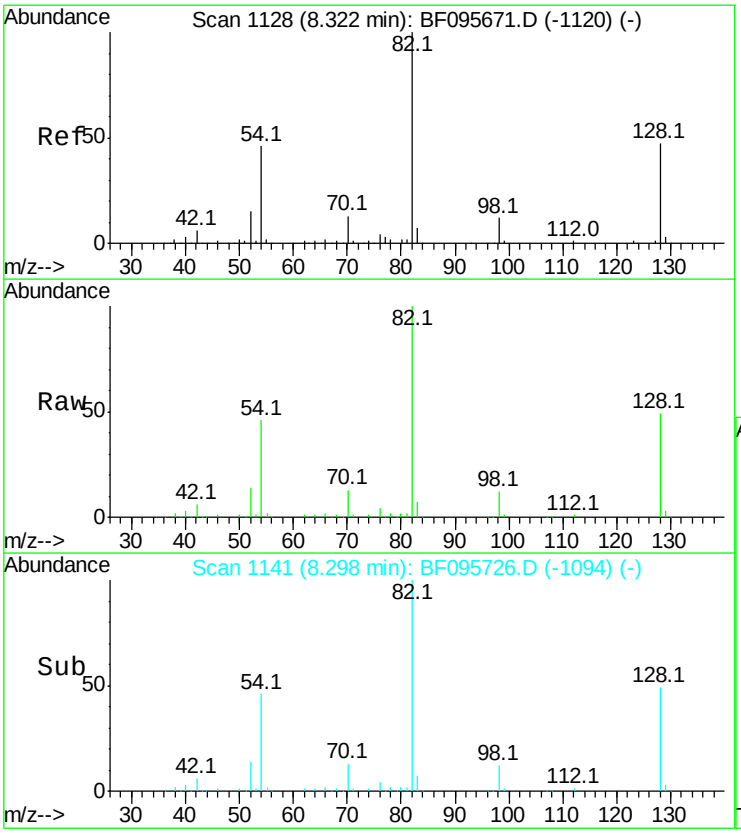
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.41 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF095726.D
Acq: 7 Jun 2017 00:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 304343

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	7.5	4.9	7.3#
68	5.4	4.1	6.1

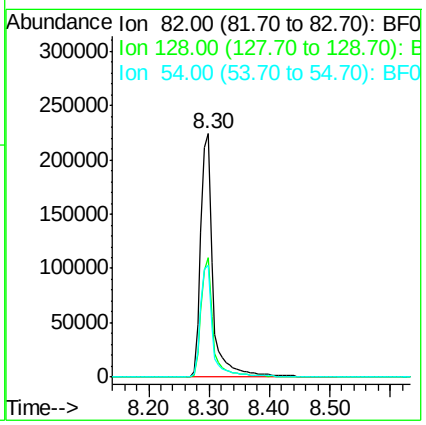


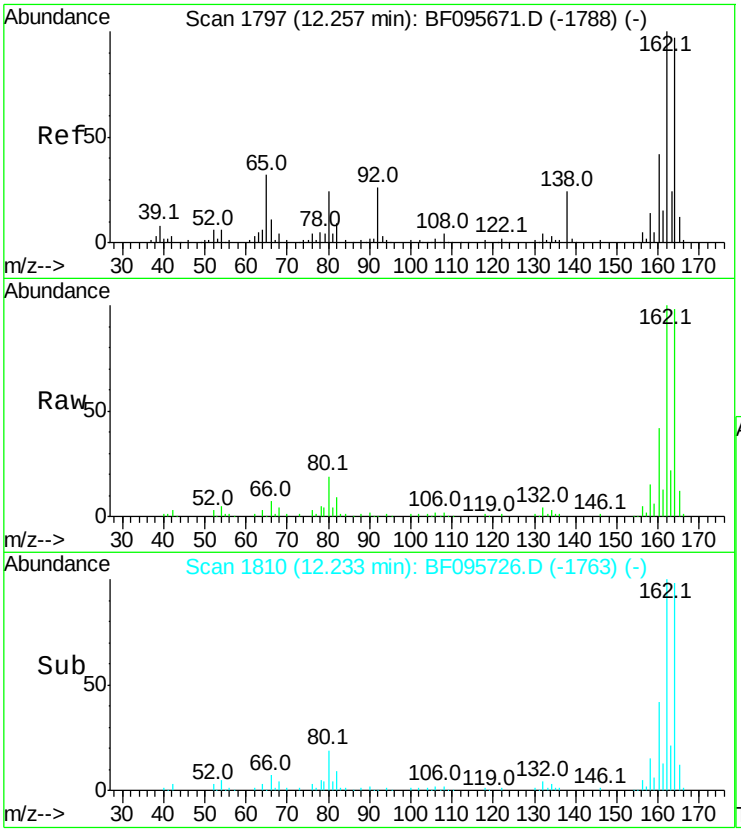


#23
Nitrobenzene-d5
Concen: 65.08 ng
RT: 8.30 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF095726.D
Acq: 7 Jun 2017 00:16

Tgt Ion: 82 Resp: 318917

Ion	Ratio	Lower	Upper
82	100		
128	48.8	34.0	51.0
54	45.9	42.2	63.2



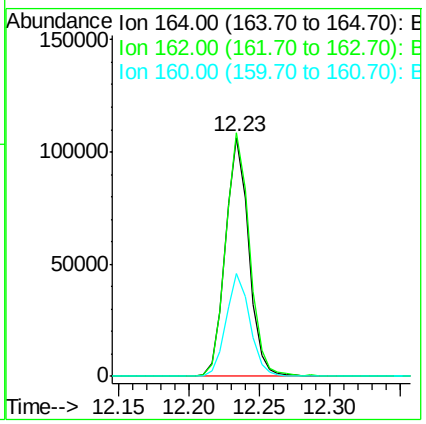


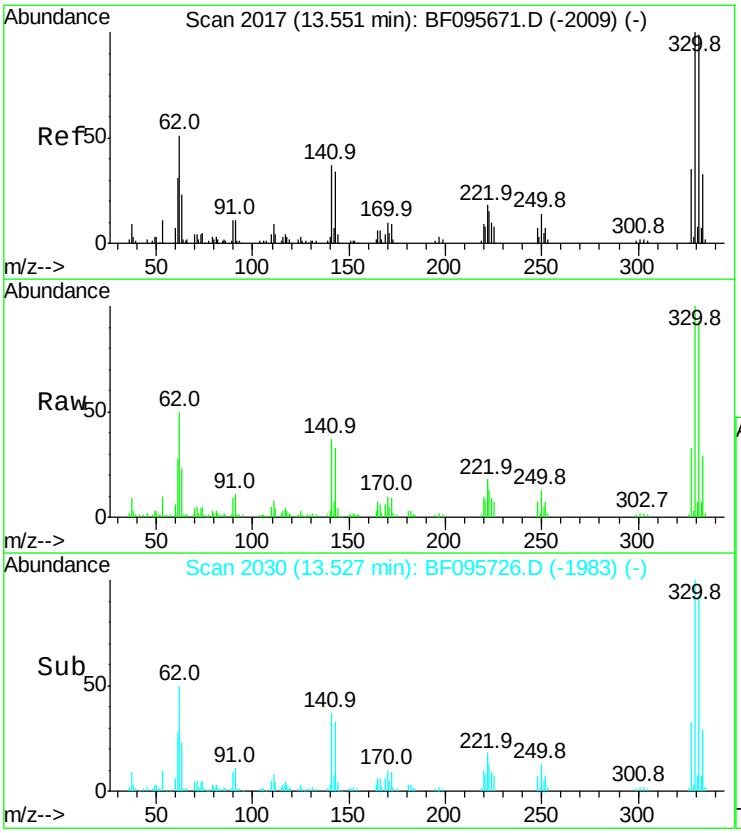
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.23 min Scan# 1810
Delta R.T. -0.02 min
Lab File: BF095726.D
Acq: 7 Jun 2017 00:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 122311

Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.6	123.8
160	43.3	36.2	54.2

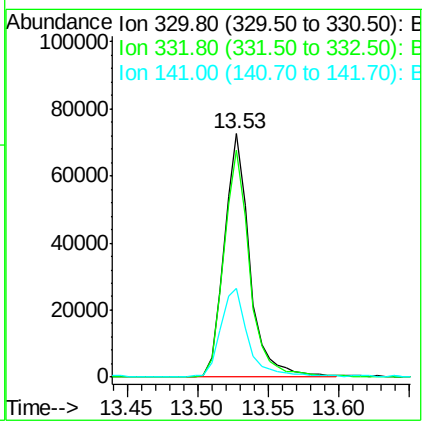


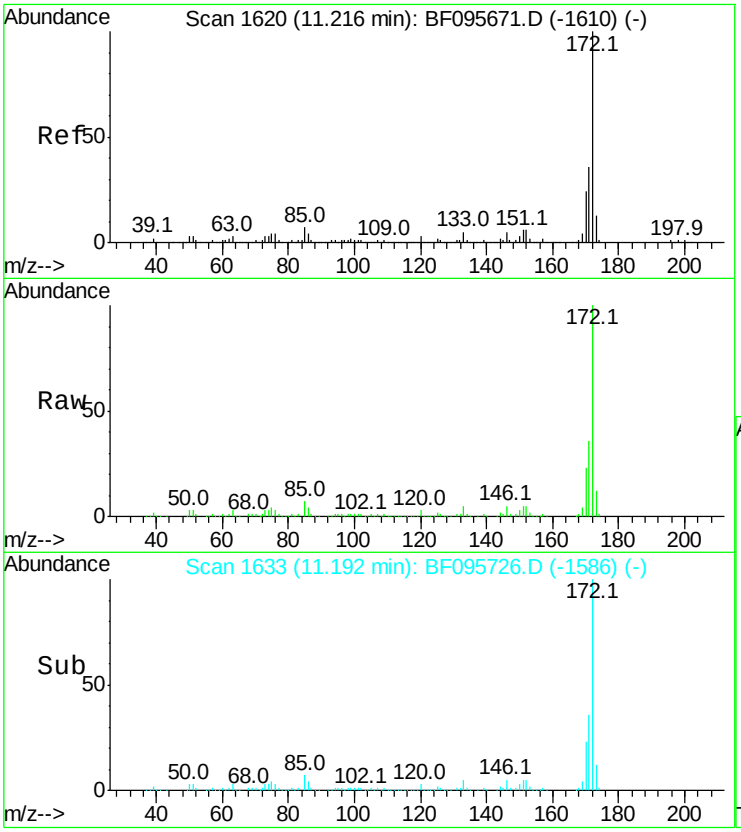


#41
2,4,6-Tribromophenol
Concen: 84.11 ng
RT: 13.53 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BF095726.D
Acq: 7 Jun 2017 00:16

Tgt Ion:330 Resp: 91025

Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.6	115.0
141	39.5	31.4	47.2



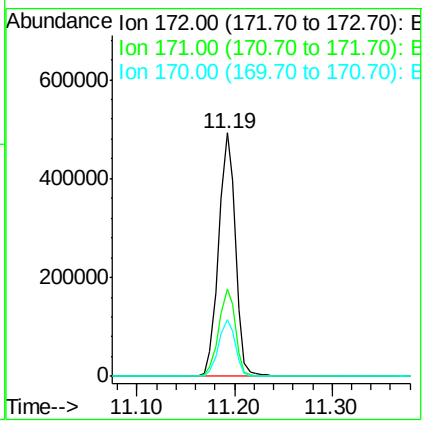


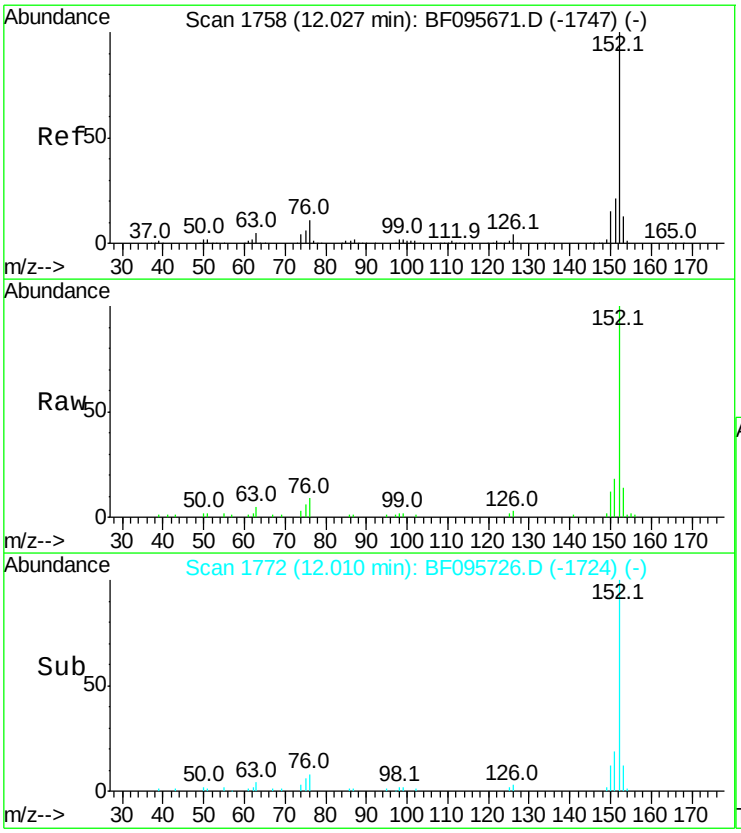
#44
2-Fluorobiphenyl
Concen: 67.08 ng
RT: 11.19 min Scan# 1633
Delta R.T. -0.02 min
Lab File: BF095726.D
Acq: 7 Jun 2017 00:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 589589

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.3	19.8	29.8

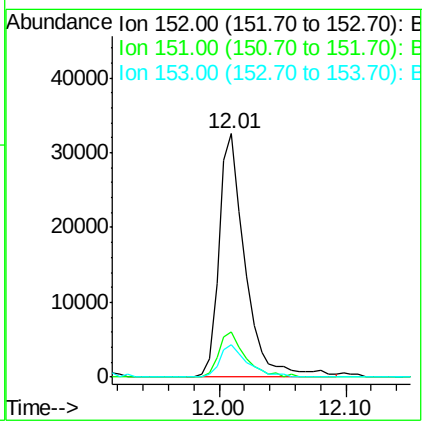


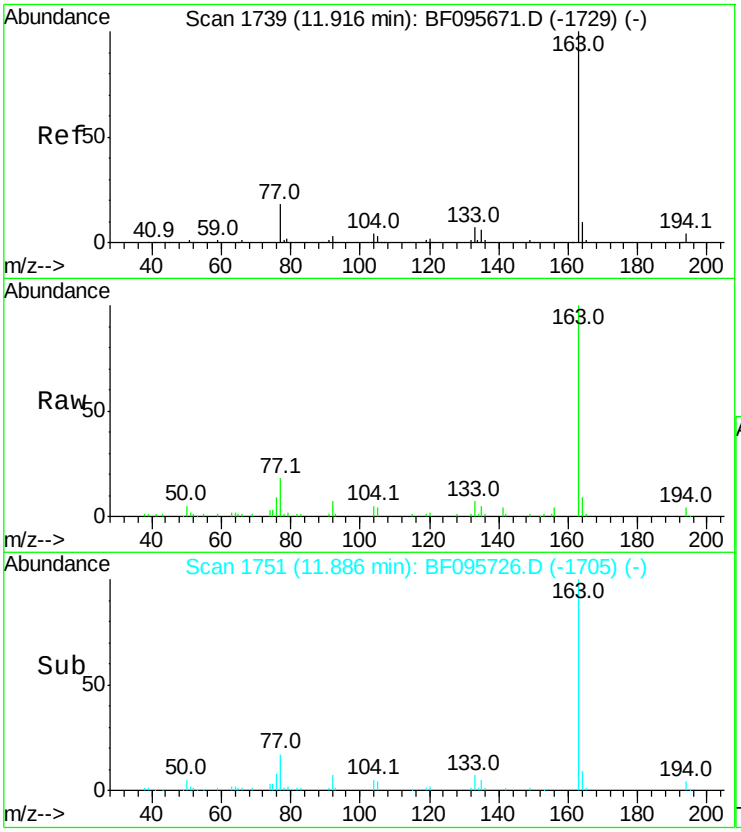


#48
Acenaphthylene
Concen: 3.46 ng
RT: 12.01 min Scan# 1772
Delta R.T. -0.02 min
Lab File: BF095726.D
Acq: 7 Jun 2017 00:16

Tgt Ion:152 Resp: 46592

Ion	Ratio	Lower	Upper
152	100		
151	18.4	16.8	25.2
153	13.5	10.8	16.2



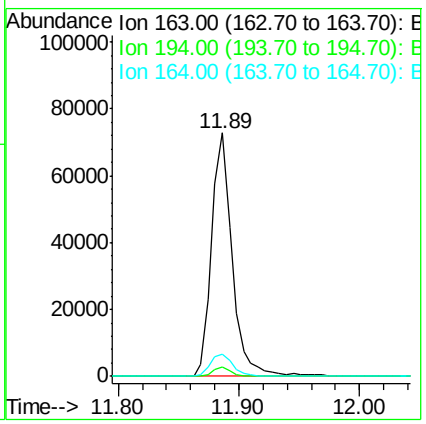


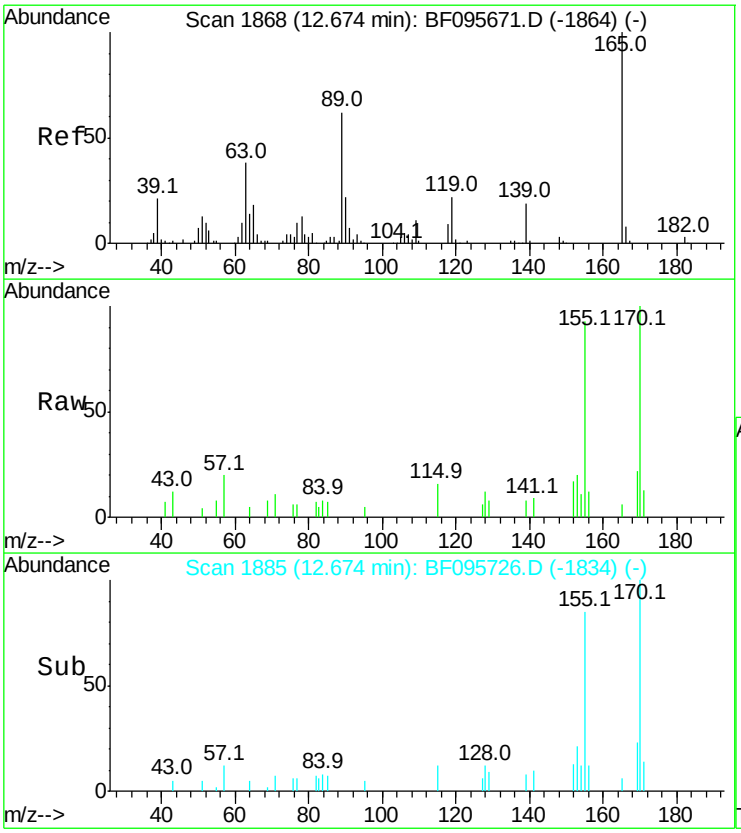
#49
Dimethylphthalate
Concen: 9.19 ng
RT: 11.89 min Scan# 1751
Delta R.T. -0.03 min
Lab File: BF095726.D
Acq: 7 Jun 2017 00:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 85337

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.6	4.0
164	9.0	8.4	12.6

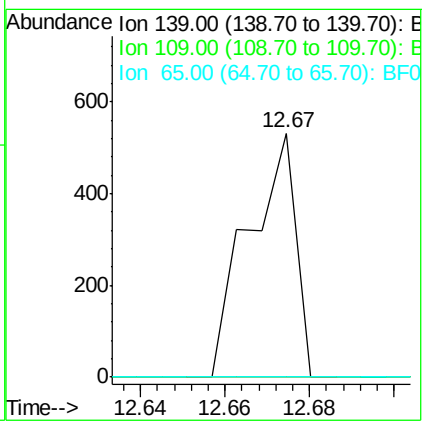


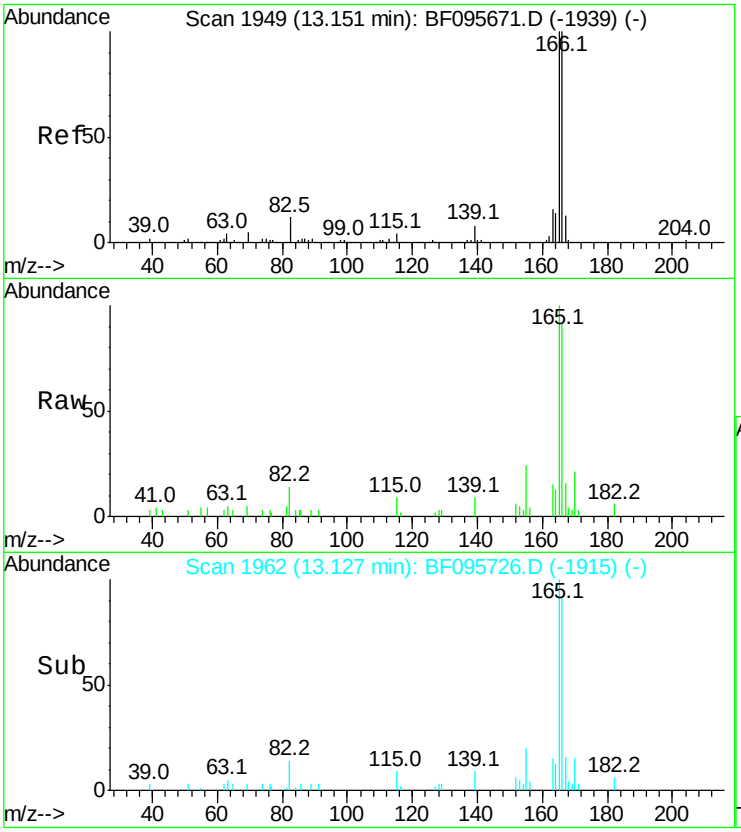


#55
4-Nitrophenol
Concen: 4.91 ng
RT: 12.67 min Scan# 1885
Delta R.T. 0.00 min
Lab File: BF095726.D
Acq: 7 Jun 2017 00:16

Tgt Ion:139 Resp: 414

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



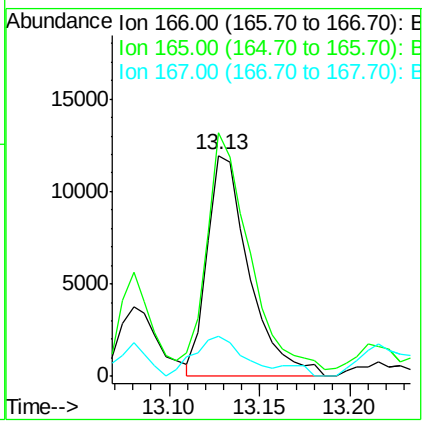


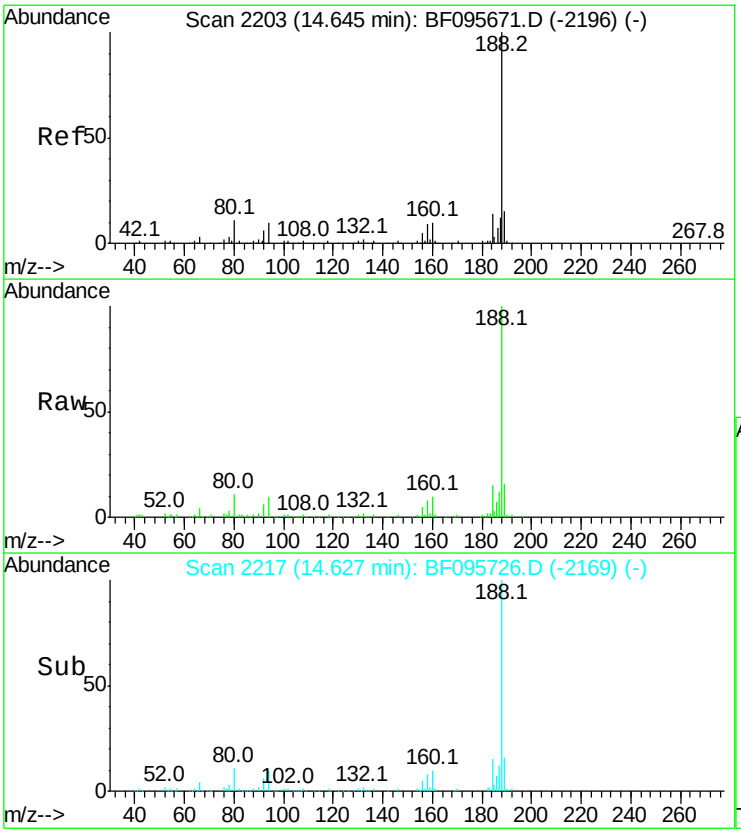
#57
Fluorene
Concen: 2.02 ng
RT: 13.13 min Scan# 1962
Delta R.T. -0.02 min
Lab File: BF095726.D
Acq: 7 Jun 2017 00:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 19260

Ion	Ratio	Lower	Upper
166	100		
165	110.2	78.8	118.2
167	18.1	10.6	16.0#

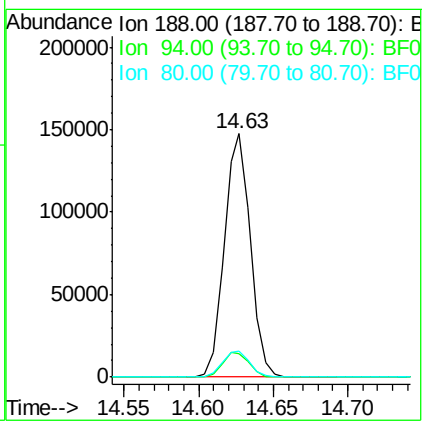


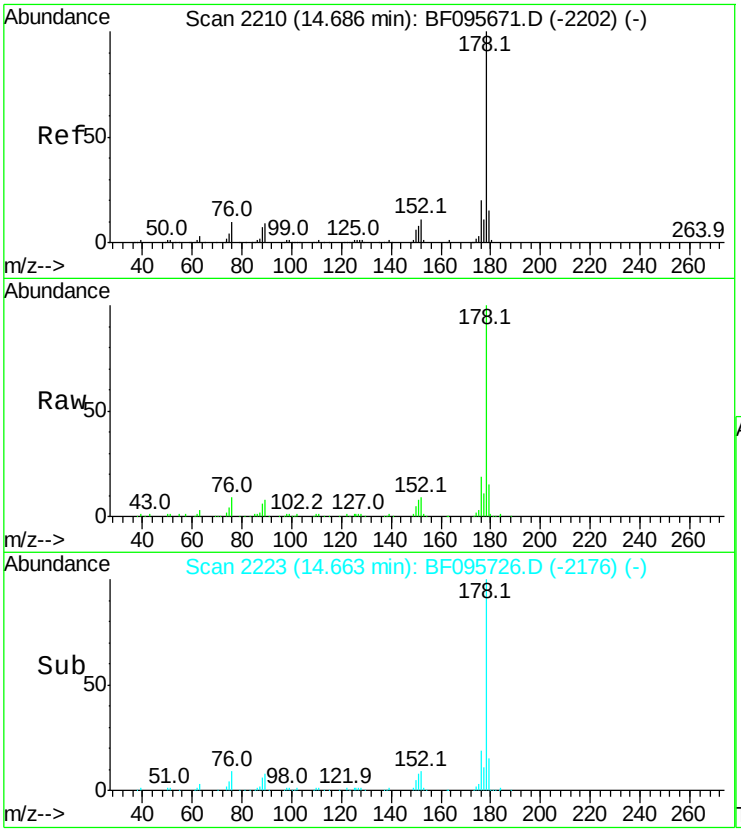


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2217
Delta R.T. -0.02 min
Lab File: BF095726.D
Acq: 7 Jun 2017 00:16

Tgt Ion:188 Resp: 180561

Ion	Ratio	Lower	Upper
188	100		
94	9.6	9.4	14.2
80	10.6	10.2	15.2



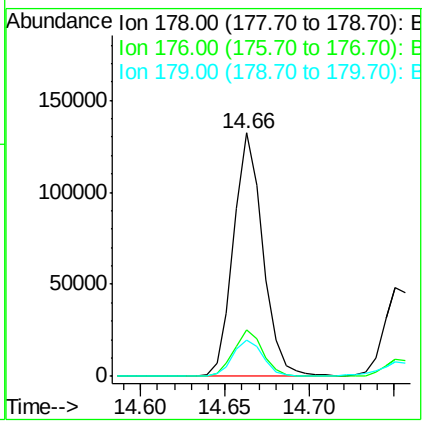


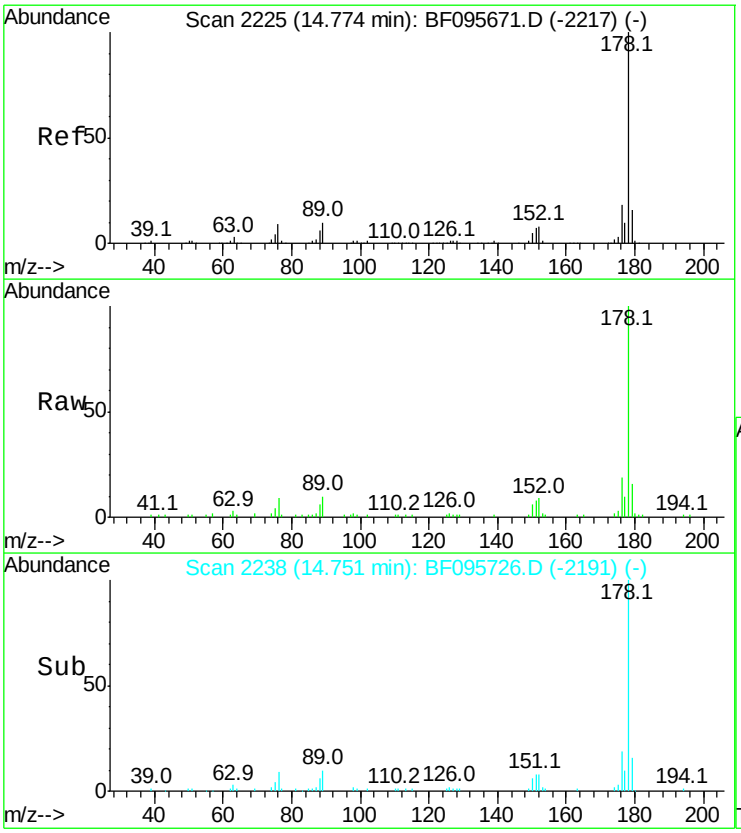
#70
Phenanthrene
Concen: 15.41 ng
RT: 14.66 min Scan# 2223
Delta R.T. -0.02 min
Lab File: BF095726.D
Acq: 7 Jun 2017 00:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 160569

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.2	24.4
179	14.9	12.6	19.0

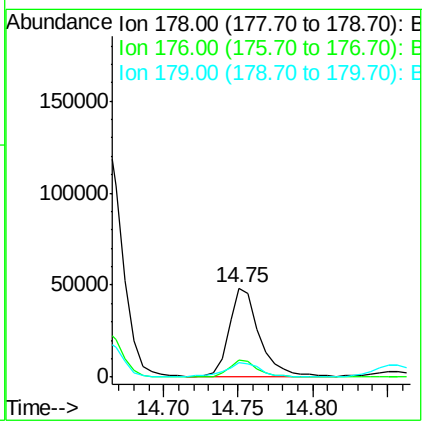


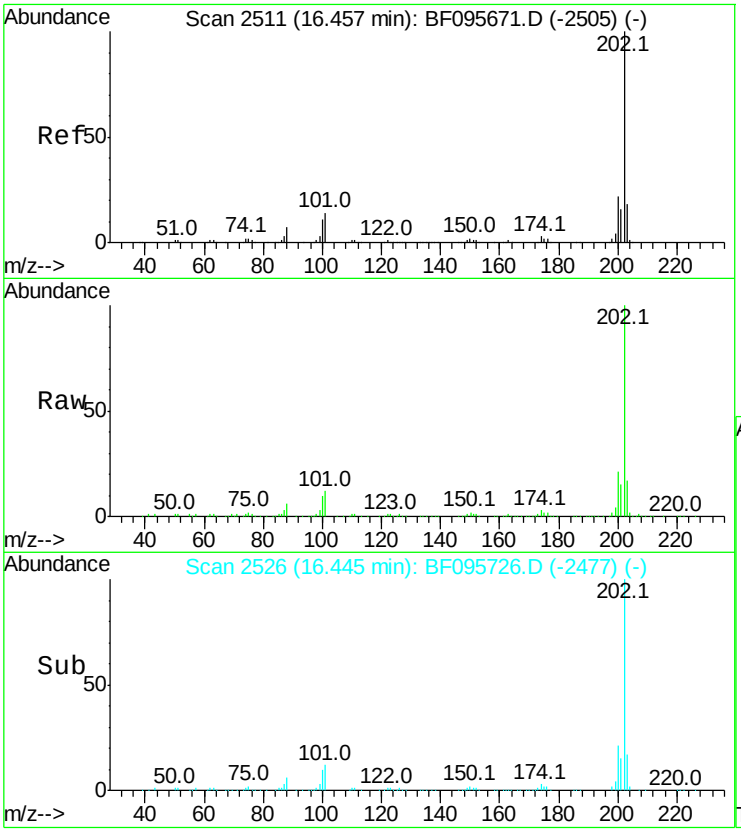


#71
Anthracene
Concen: 6.18 ng
RT: 14.75 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BF095726.D
Acq: 7 Jun 2017 00:16

Tgt Ion:178 Resp: 67256

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	16.4	12.7	19.1



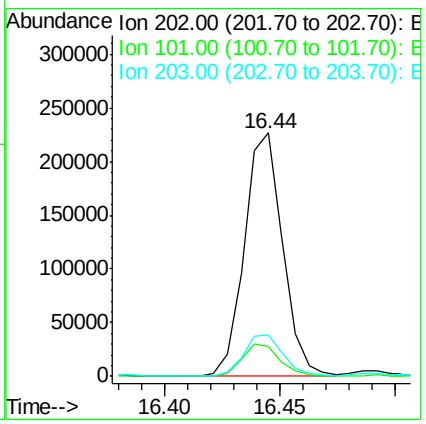


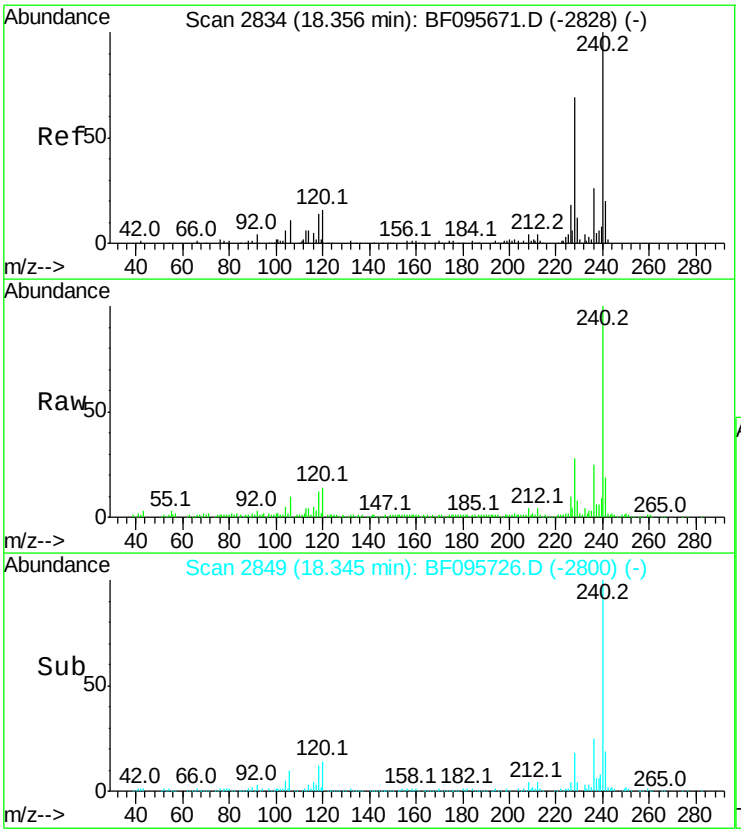
#74
Fluoranthene
Concen: 25.36 ng
RT: 16.44 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF095726.D
Acq: 7 Jun 2017 00:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 261495

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	33.2
203	17.2	0.0	38.1

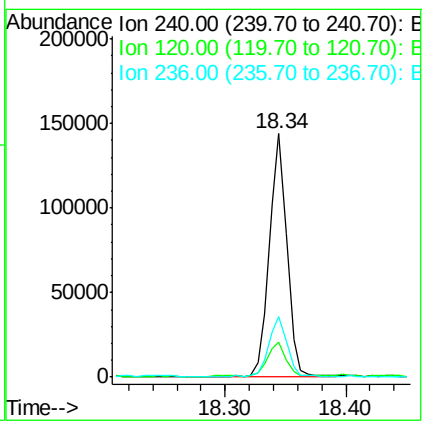


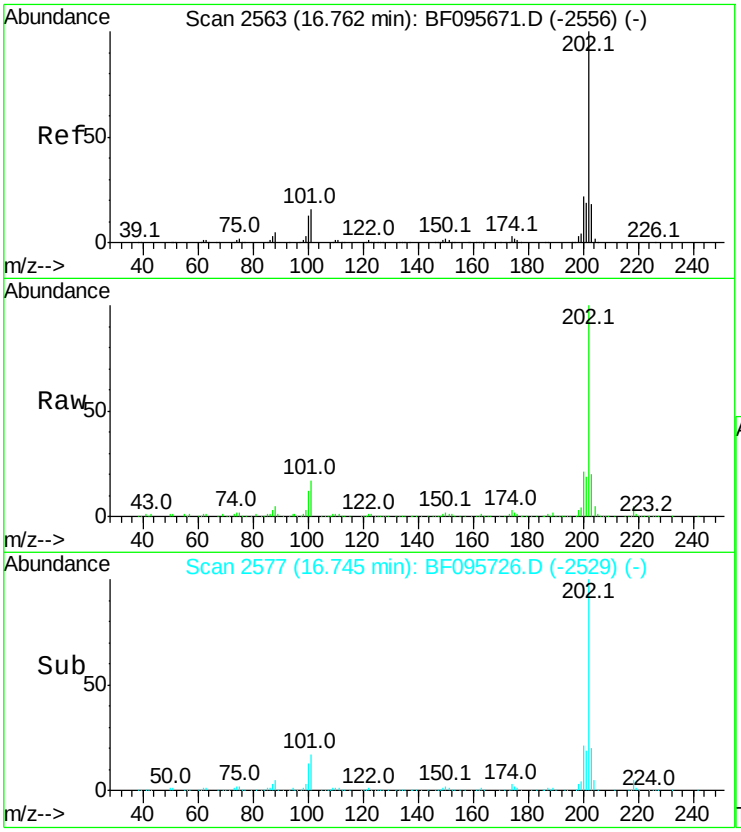


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.34 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BF095726.D
Acq: 7 Jun 2017 00:16

Tgt Ion:240 Resp: 145931

Ion	Ratio	Lower	Upper
240	100		
120	14.4	5.8	8.8#
236	25.0	20.5	30.7



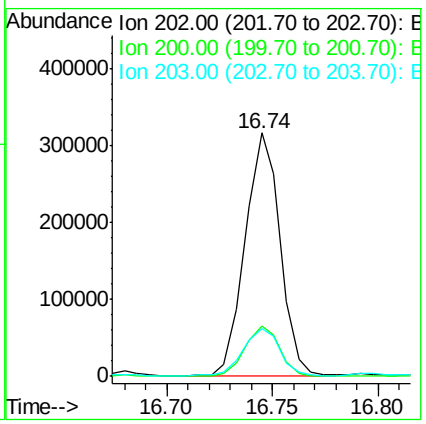


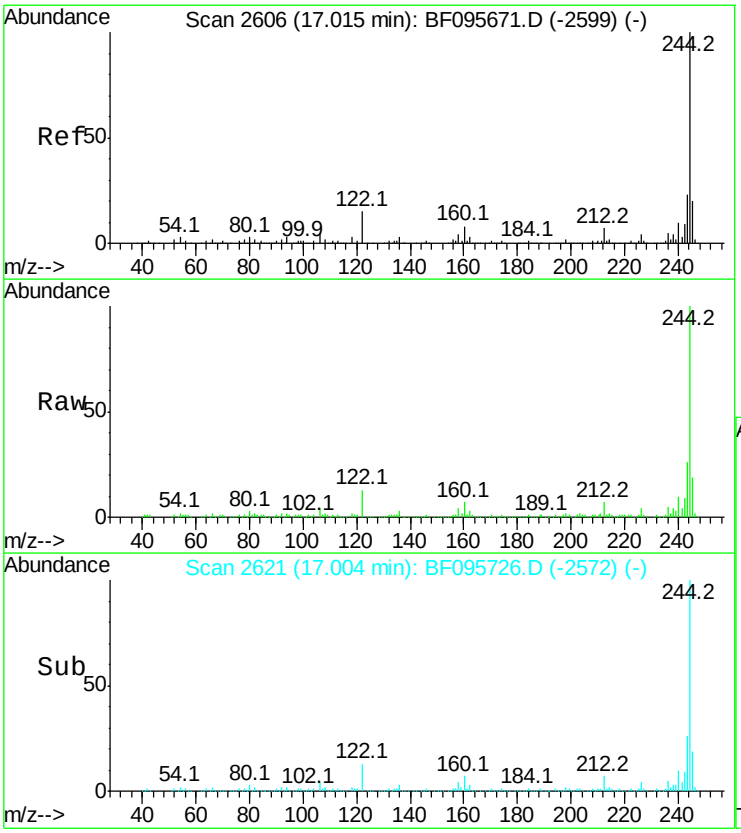
#77
Pyrene
Concen: 33.23 ng
RT: 16.74 min Scan# 2577
Delta R.T. -0.02 min
Lab File: BF095726.D
Acq: 7 Jun 2017 00:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 361801

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.6	26.4
203	19.8	14.4	21.6

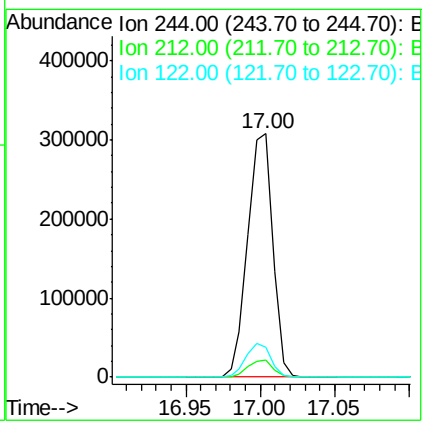


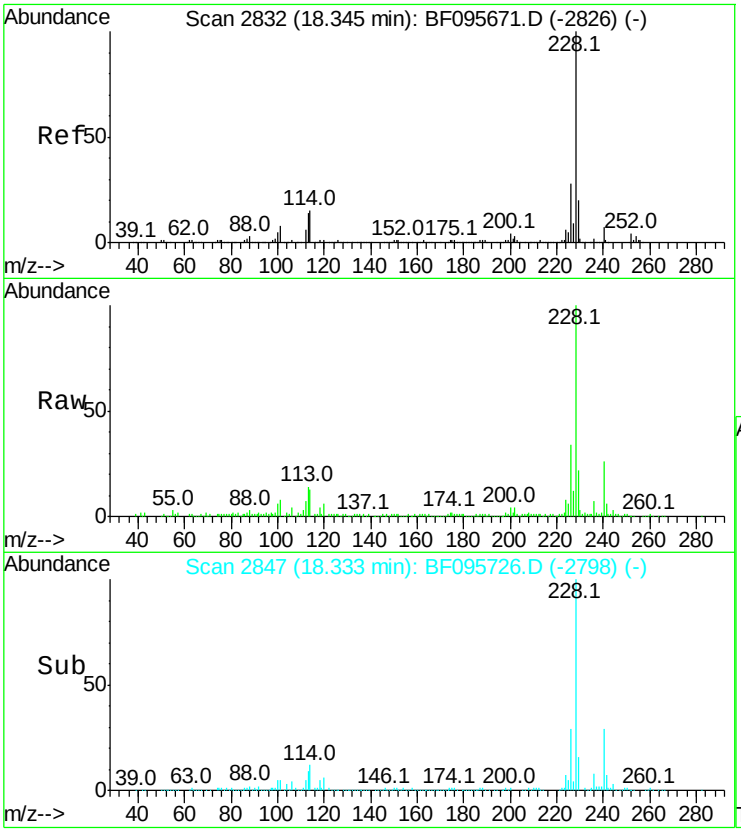


#78
Terphenyl-d14
Concen: 60.86 ng
RT: 17.00 min Scan# 2621
Delta R.T. -0.01 min
Lab File: BF095726.D
Acq: 7 Jun 2017 00:16

Tgt Ion:244 Resp: 357869

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	12.5	10.3	15.5



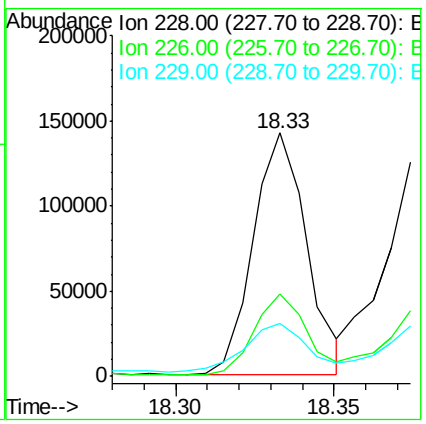


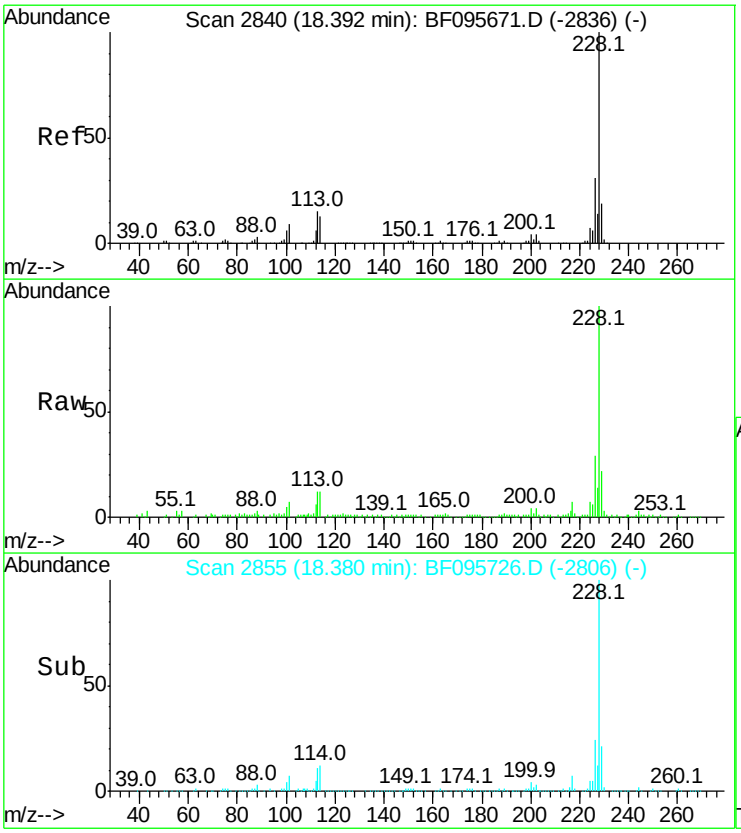
#80
Benzo(a)anthracene
Concen: 19.65 ng
RT: 18.33 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BF095726.D
Acq: 7 Jun 2017 00:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 166692

Ion	Ratio	Lower	Upper
228	100		
226	33.8	22.6	33.8
229	21.8	16.3	24.5

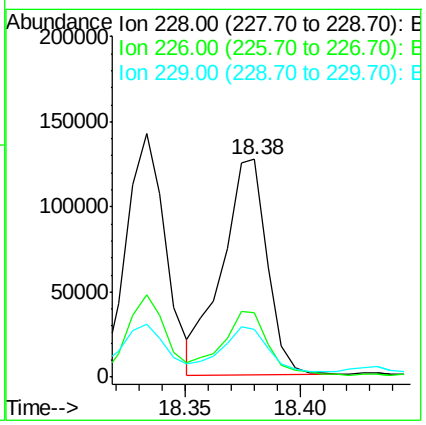


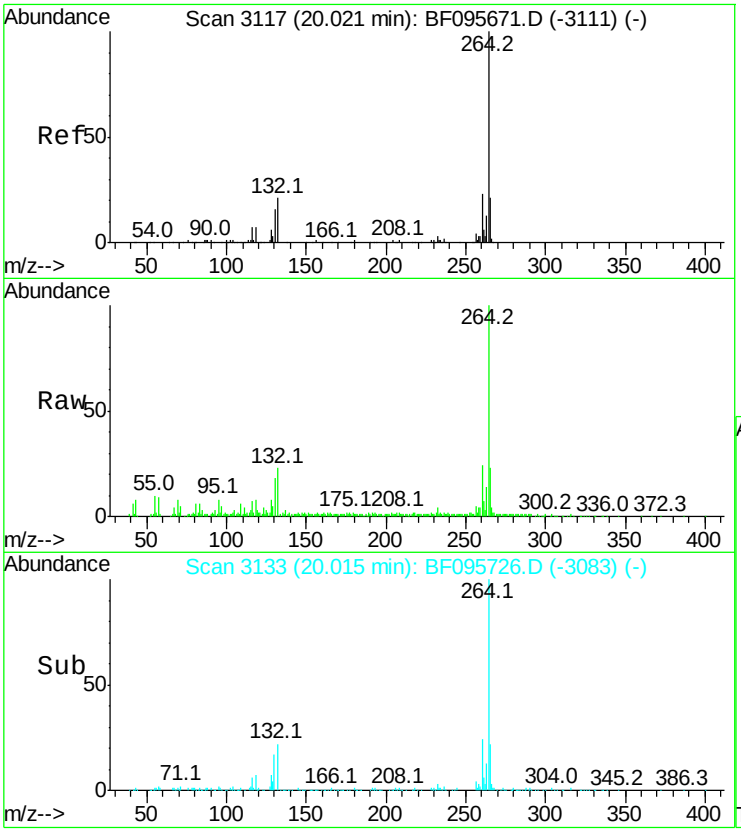


#82
Chrysene
Concen: 20.20 ng
RT: 18.38 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BF095726.D
Acq: 7 Jun 2017 00:16

Tgt Ion:228 Resp: 171285

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.9	37.3
229	22.0	15.8	23.6



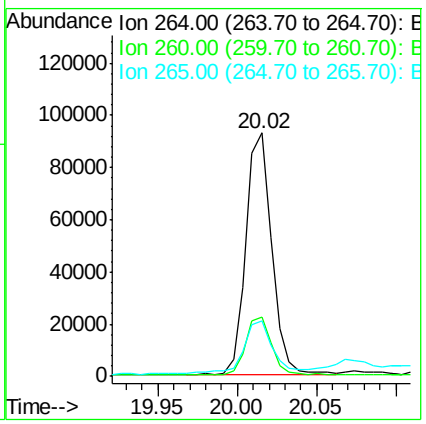


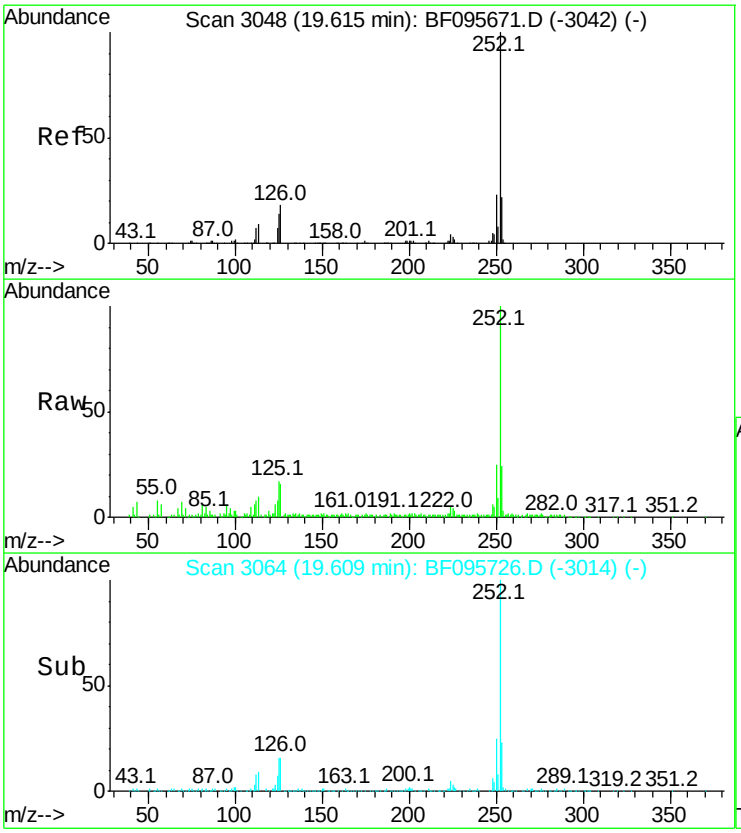
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.02 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BF095726.D
Acq: 7 Jun 2017 00:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 105927

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	22.8	17.2	25.8

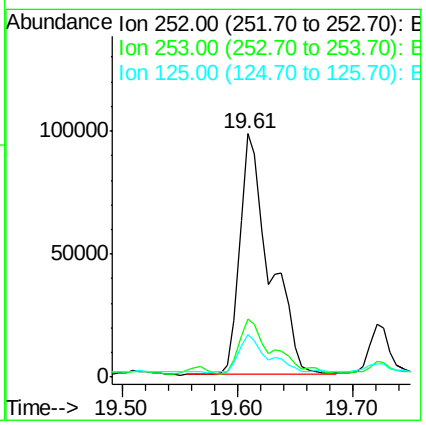


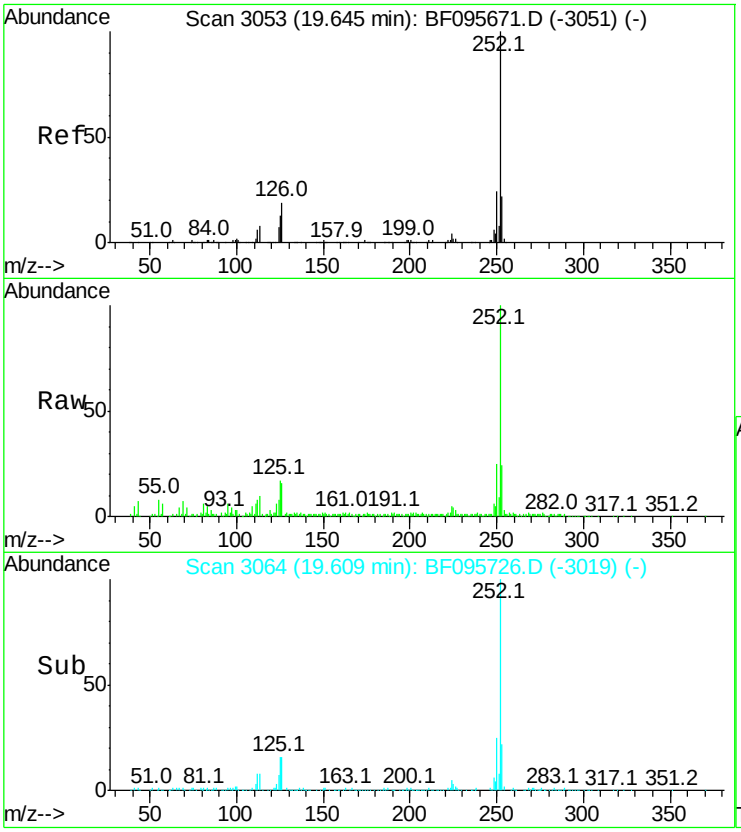


#87
Benzo(b)fluoranthene
Concen: 26.75 ng
RT: 19.61 min Scan# 3064
Delta R.T. -0.01 min
Lab File: BF095726.D
Acq: 7 Jun 2017 00:16

Tgt Ion:252 Resp: 177403

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.1	27.1
125	17.5	9.8	14.8#



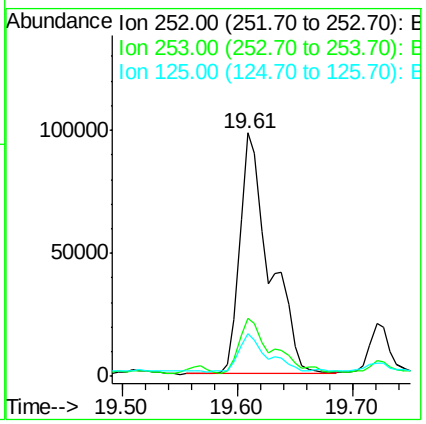


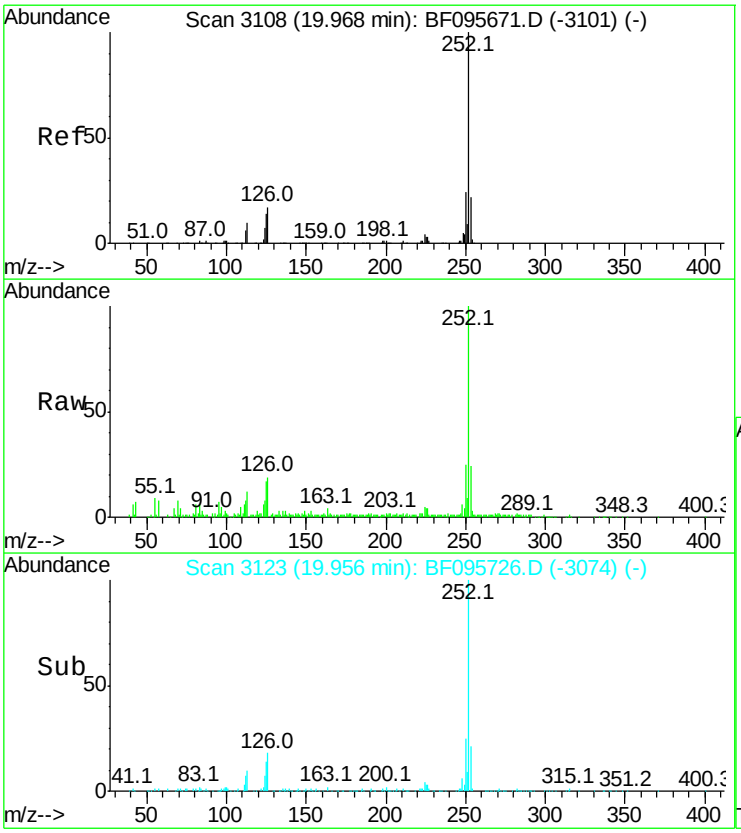
#88
Benzo(k)fluoranthene
Concen: 27.98 ng
RT: 19.61 min Scan# 3064
Delta R.T. -0.04 min
Lab File: BF095726.D
Acq: 7 Jun 2017 00:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 177403

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.4	27.6
125	17.5	13.1	19.7

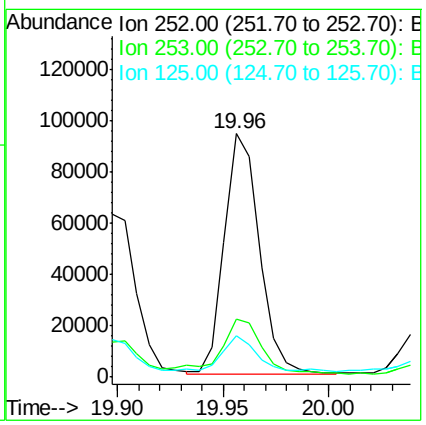


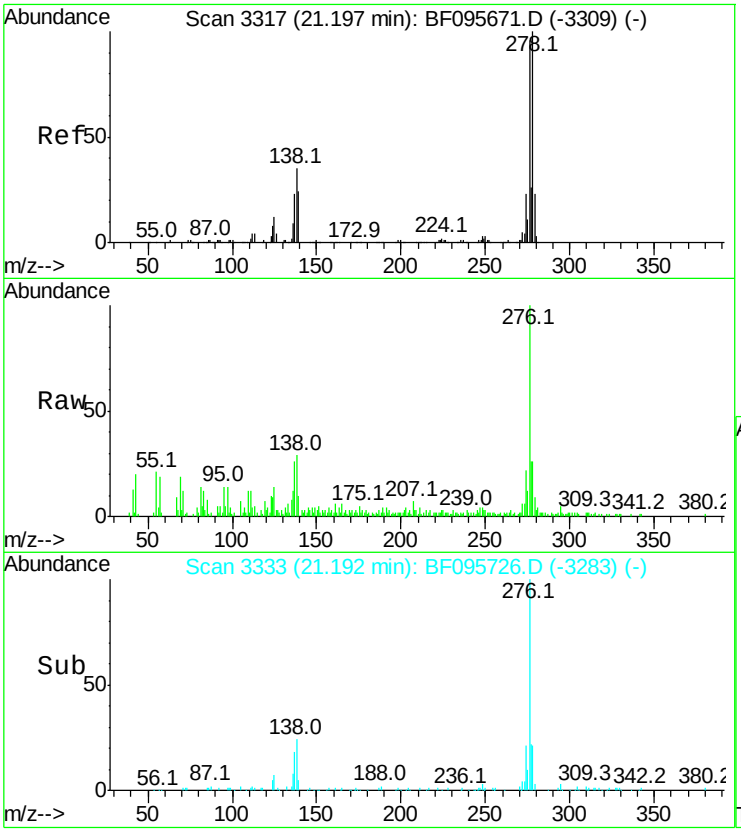


#89
Benzo(a)pyrene
Concen: 17.85 ng
RT: 19.96 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF095726.D
Acq: 7 Jun 2017 00:16

Tgt Ion:252 Resp: 108796

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.5	26.3
125	16.8	11.0	16.4#



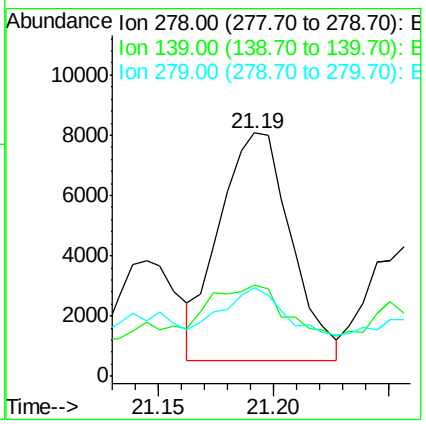


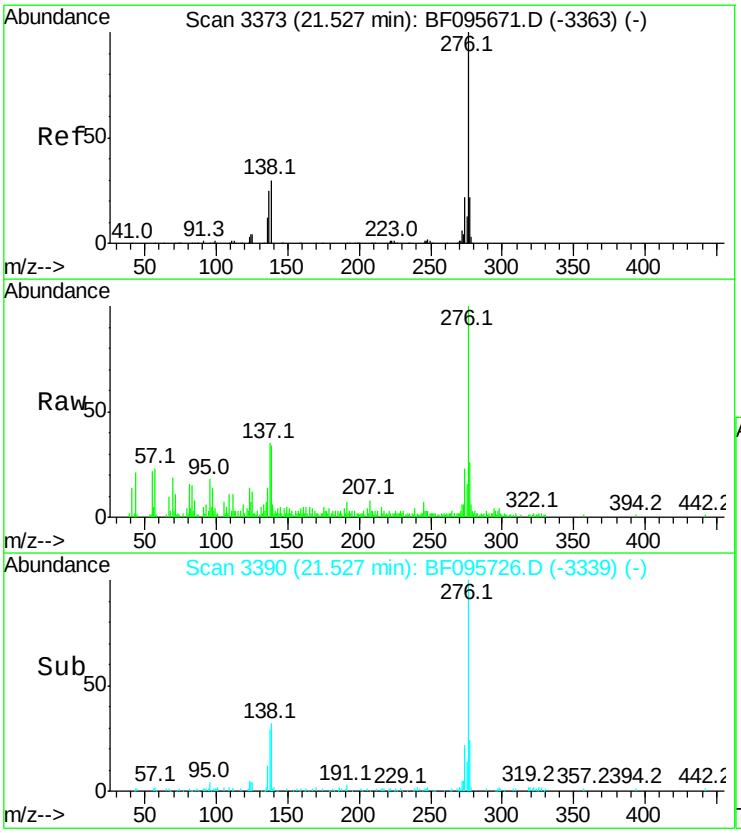
#90
Dibenzo(a,h)anthracene
Concen: 3.13 ng
RT: 21.19 min Scan# 3333
Delta R.T. -0.01 min
Lab File: BF095726.D
Acq: 7 Jun 2017 00:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 16205

Ion	Ratio	Lower	Upper
278	100		
139	37.5	16.6	24.8#
279	36.4	19.3	28.9#





#91
Benzo(g,h,i)perylene
Concen: 9.61 ng
RT: 21.53 min Scan# 3390
Delta R.T. 0.00 min
Lab File: BF095726.D
Acq: 7 Jun 2017 00:16

Tgt Ion:276 Resp: 50661

Ion	Ratio	Lower	Upper
276	100		
277	25.7	18.6	28.0
138	34.5	25.4	38.0