Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051917\
Data File : BF095277.D
Acq On : 19 May 2017 22:43
Operator : SJ/MA
Sample : I3202-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 20 00:32:16 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	94646	20.00	ng		0.00
21) Naphthalene-d8	9.78	136	421449	20.00	ng		0.00
38) Acenaphthene-d10	12.61	164	200230	20.00	ng		0.00
63) Phenanthrene-d10	15.02	188	375719	20.00	ng		0.00
75) Chrysene-d12	18.69	240	274450	20.00	ng		0.00
86) Perylene-d12	20.37	264	180331	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.73	112	715024	125.95	ng		0.00
7) Phenol-d6	7.31	99	889774	130.63	ng		0.00
23) Nitrobenzene-d5	8.67	82	538532	80.58	ng		0.00
41) 2,4,6-Tribromophenol	13.91	330	224019	136.61	ng		0.00
44) 2-Fluorobiphenyl	11.55	172	1084675	77.97	ng		0.00
78) Terphenyl-d14	17.34	244	909235	72.97	ng		-0.01
Target Compounds							Qvalue
10) Phenol	7.32	94	16112	2.24	ng	#	46
19) n-Nitroso-di-n-propylamine	8.67	70	66016	14.33	ng	#	76
49) Dimethylphthalate	12.25	163	227834	13.86	ng		98
70) Phenanthrene	15.05	178	158025	7.32	ng		96
74) Fluoranthene	16.80	202	113853	5.14	ng		99
77) Pyrene	17.11	202	149555	7.29	ng		97
80) Benzo(a)anthracene	18.68	228	46343	2.90	ng		97
82) Chrysene	18.72	228	49743	3.22	ng		96
87) Benzo(b)fluoranthene	19.97	252	46906	4.21	ng	#	97
88) Benzo(k)fluoranthene	19.97	252	46906	4.36	ng		98
89) Benzo(a)pyrene	20.32	252	25805	2.51	ng		97
91) Benzo(g,h,i)perylene	22.13	276	16957	2.03	ng		94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051917\
Data File : BF095277.D
Acq On : 19 May 2017 22:43
Operator : SJ/MA
Sample : I3202-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 20 00:32:16 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
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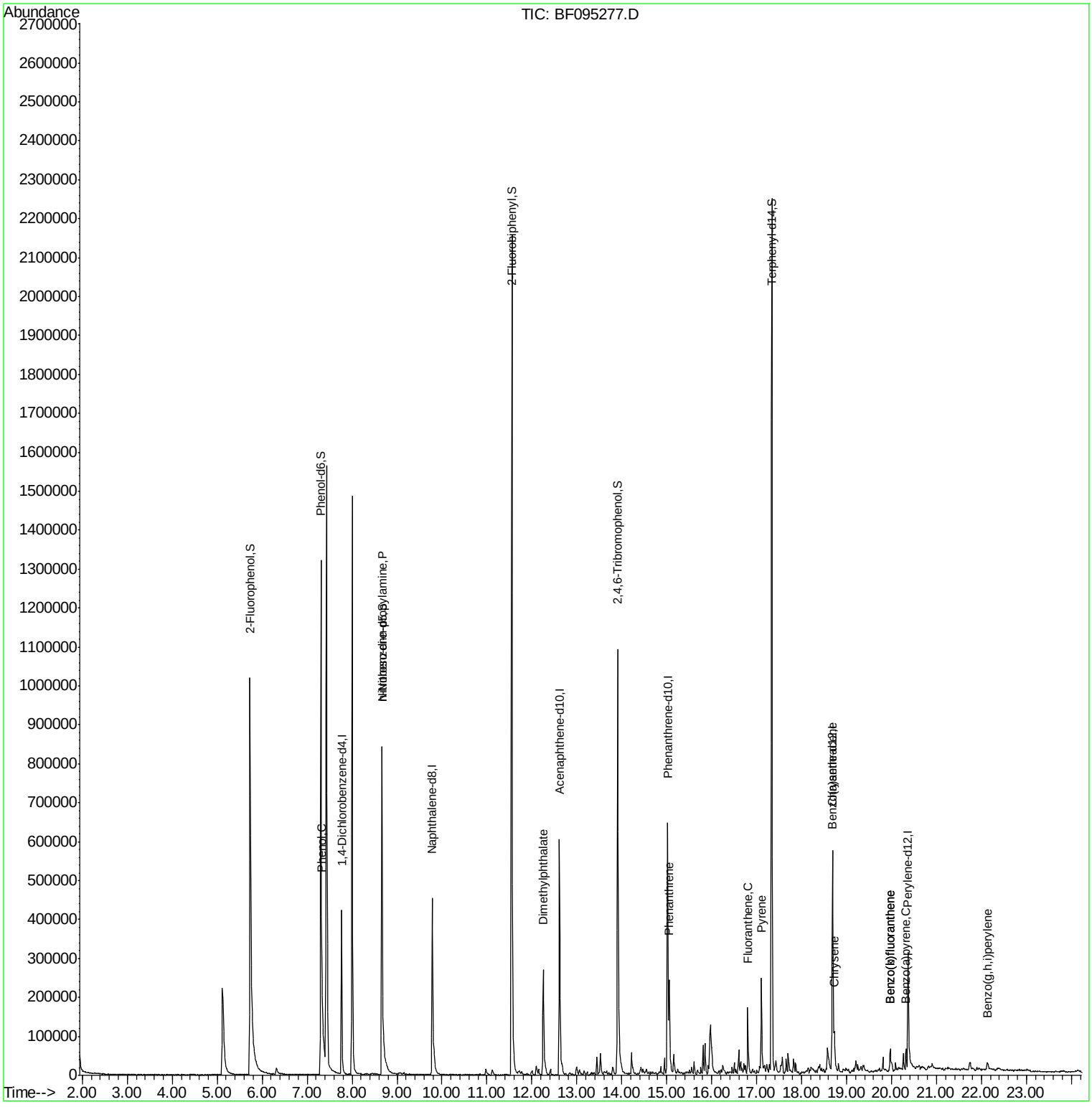
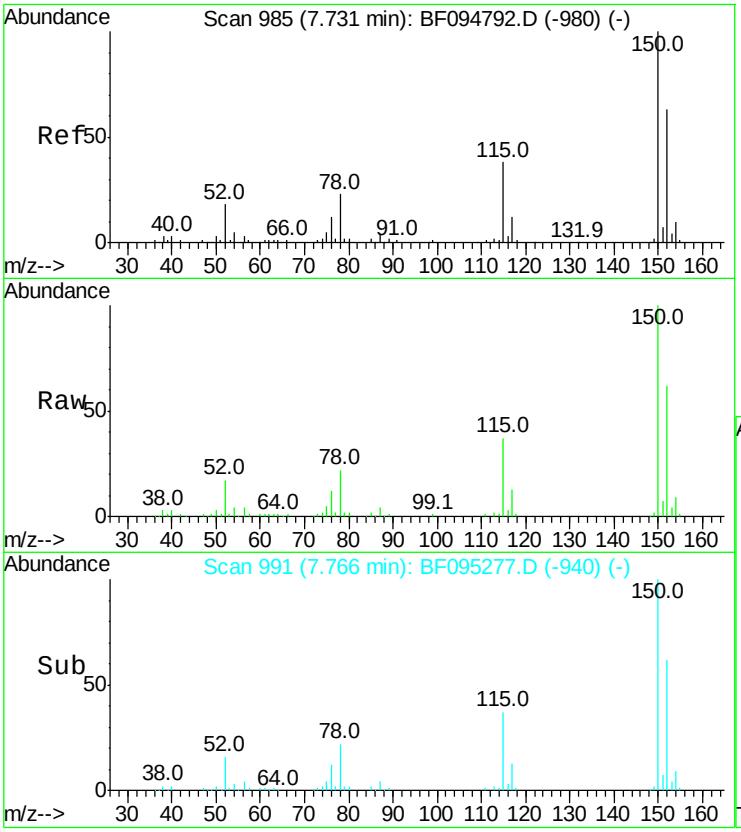


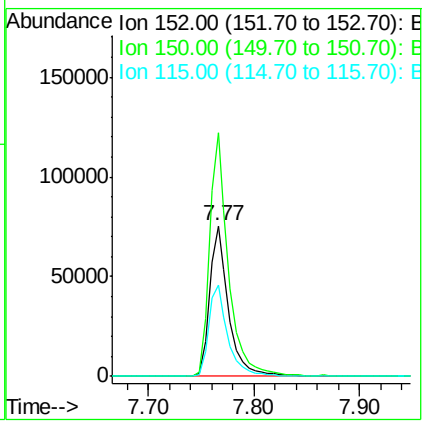


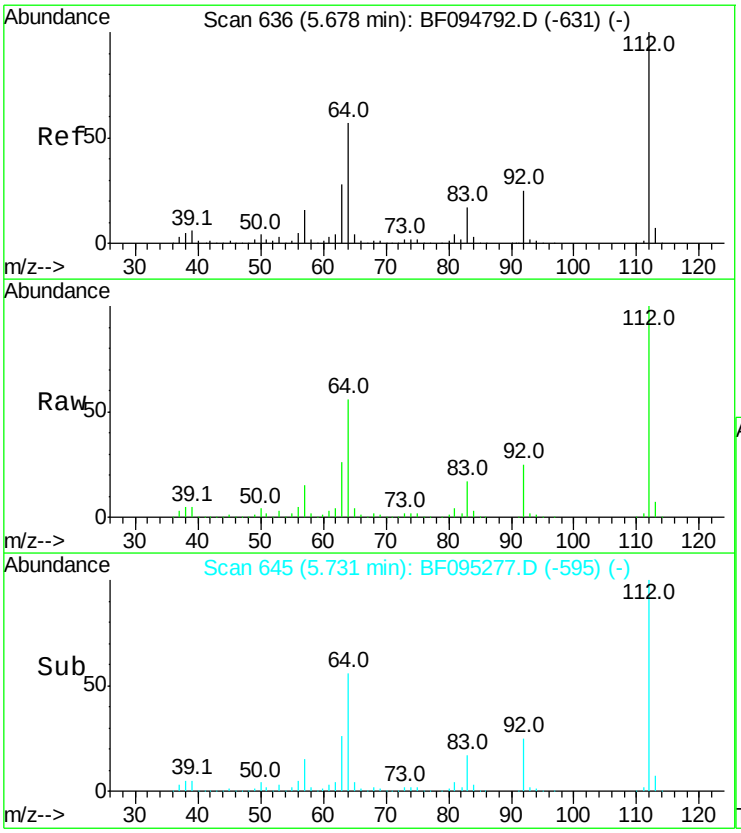
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF095277.D
Acq: 19 May 2017 22:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 94646

Ion	Ratio	Lower	Upper
152	100		
150	162.0	126.2	189.2
115	60.5	52.2	78.2

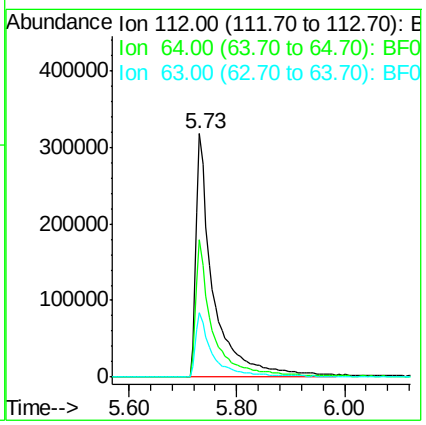


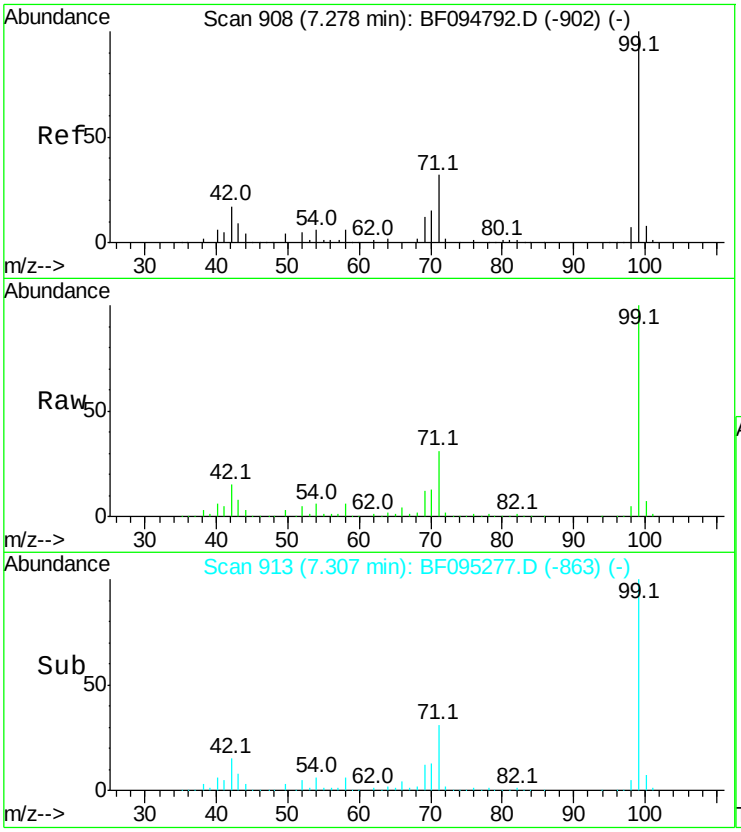


#5
2-Fluorophenol
Concen: 125.95 ng
RT: 5.73 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF095277.D
Acq: 19 May 2017 22:43

Tgt Ion:112 Resp: 715024

Ion	Ratio	Lower	Upper
112	100		
64	56.3	46.0	69.0
63	26.3	23.4	35.0



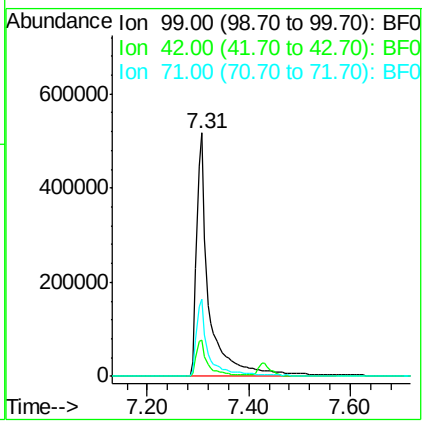


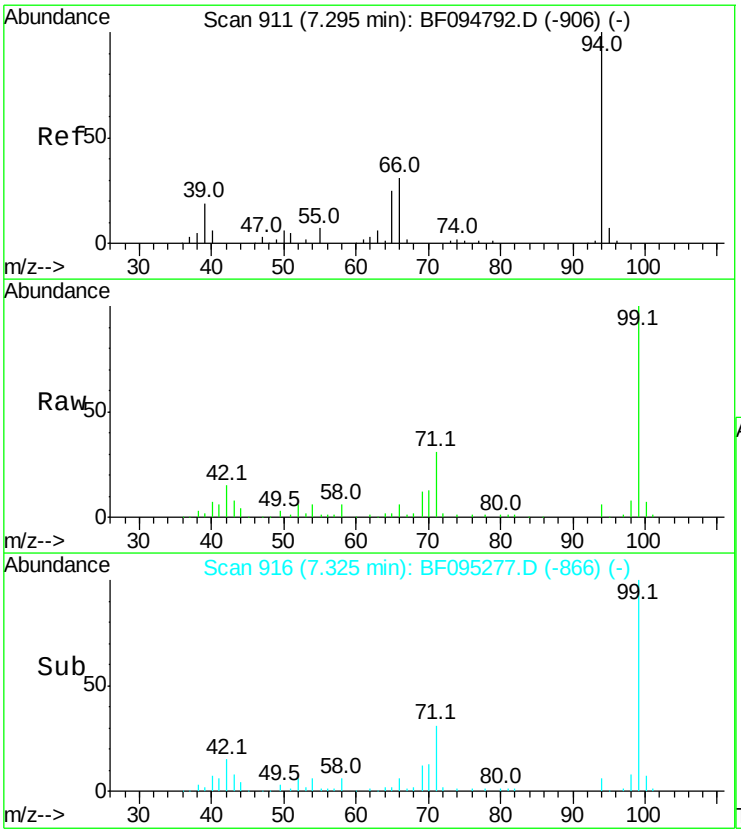
#7
Phenol-d6
Concen: 130.63 ng
RT: 7.31 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF095277.D
Acq: 19 May 2017 22:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 889774

Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.5	20.3
71	31.5	24.5	36.7

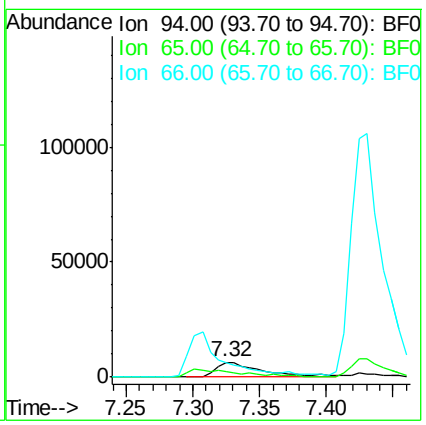


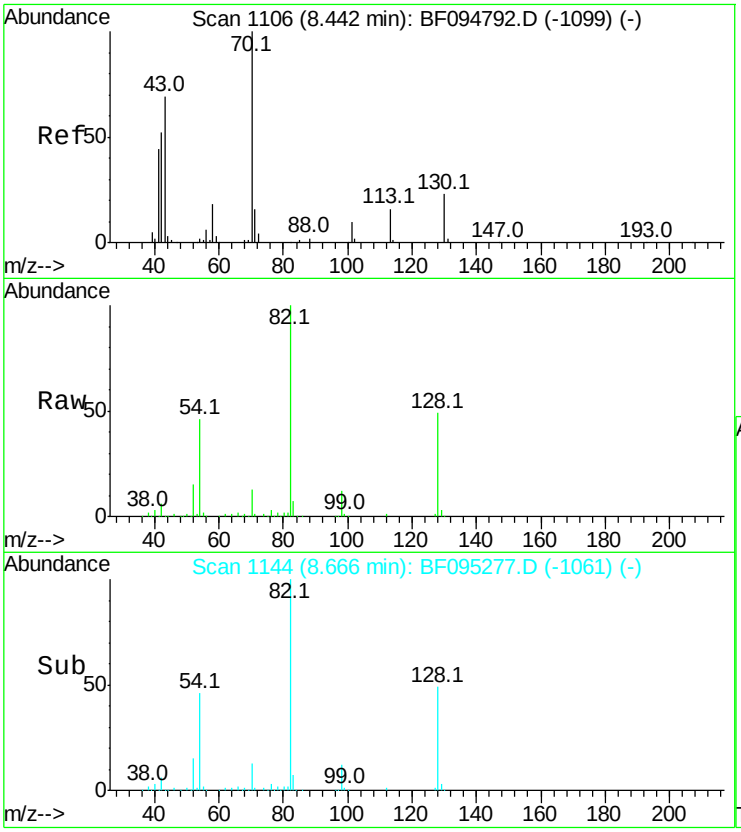


#10
Phenol
Concen: 2.24 ng
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF095277.D
Acq: 19 May 2017 22:43

Tgt Ion: 94 Resp: 16112

Ion	Ratio	Lower	Upper
94	100		
65	39.5	9.9	49.9
66	93.7	23.1	63.1#



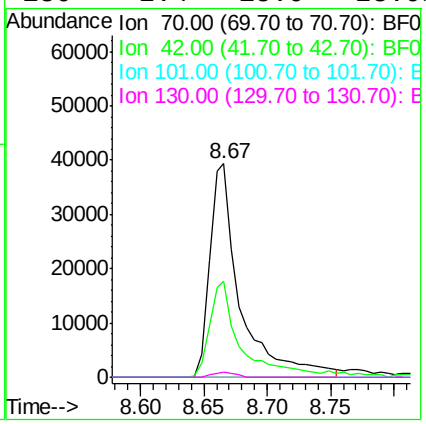


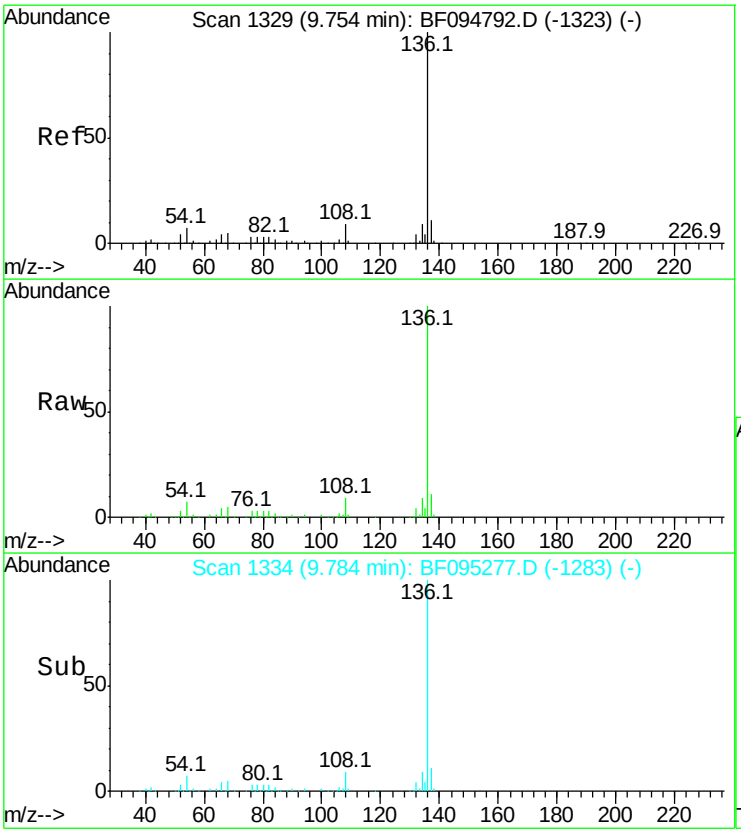
#19
n-Nitroso-di-n-propylamine
Concen: 14.33 ng
RT: 8.67 min Scan# 1144
Delta R.T. 0.19 min
Lab File: BF095277.D
Acq: 19 May 2017 22:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 66016

Ion	Ratio	Lower	Upper
70	100		
42	44.9	47.2	70.8#
101	0.0	7.2	10.8#
130	2.4	15.9	23.9#

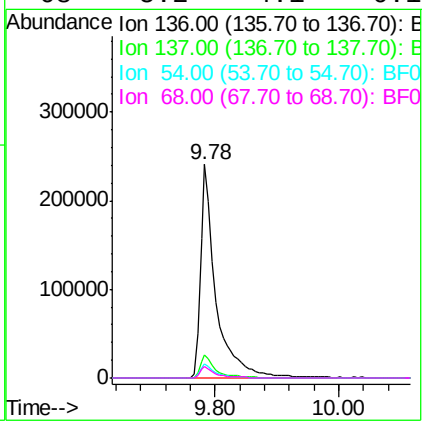


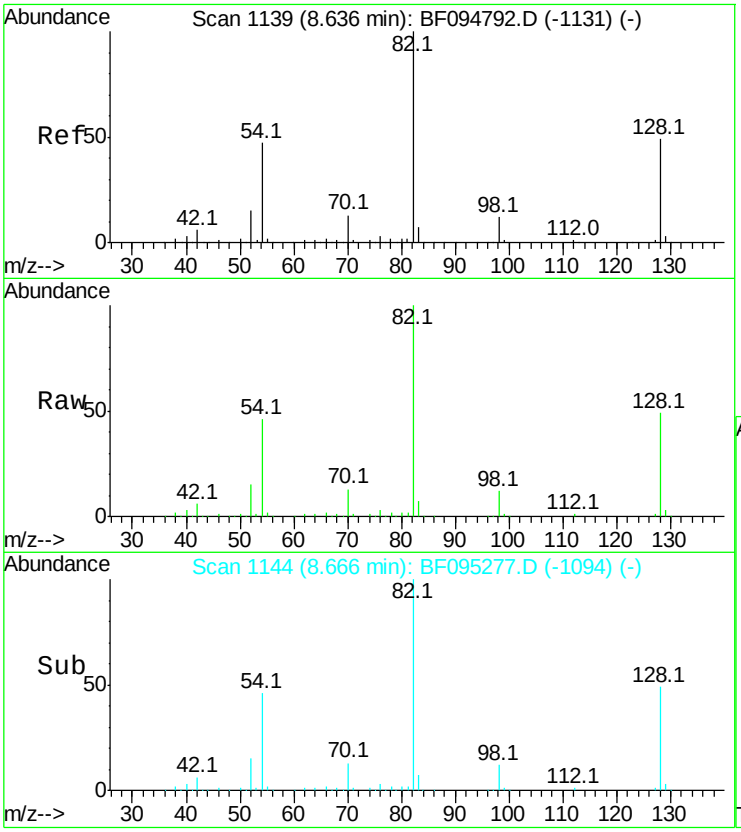


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.78 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF095277.D
Acq: 19 May 2017 22:43

Tgt Ion:136 Resp: 421449

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	6.5	4.9	7.3
68	5.2	4.1	6.1



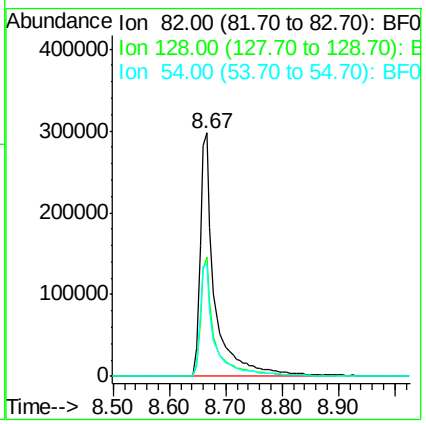


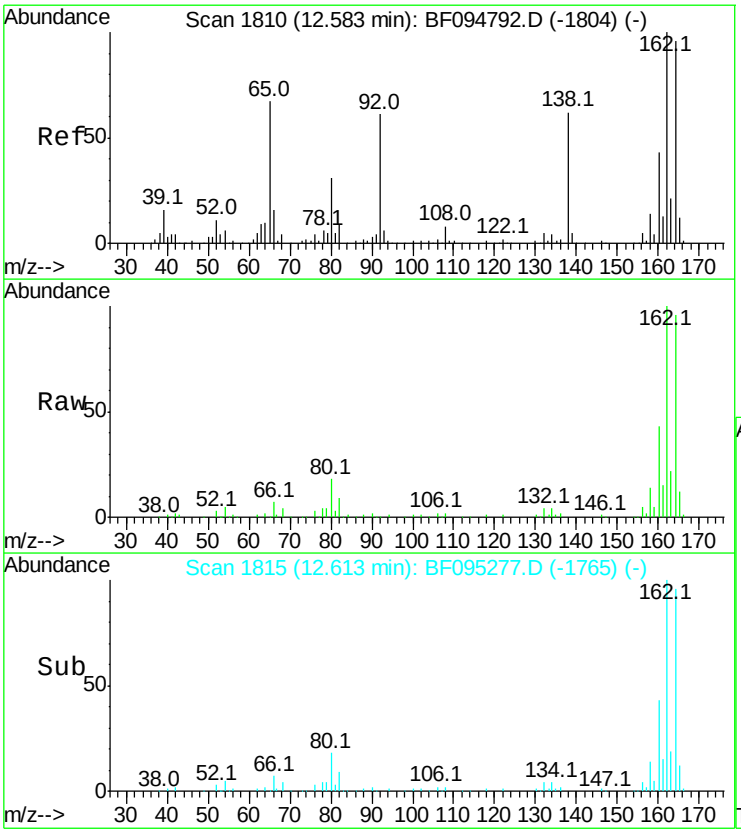
#23
Nitrobenzene-d5
Concen: 80.58 ng
RT: 8.67 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF095277.D
Acq: 19 May 2017 22:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 538532

Ion	Ratio	Lower	Upper
82	100		
128	49.0	34.0	51.0
54	45.9	42.2	63.2

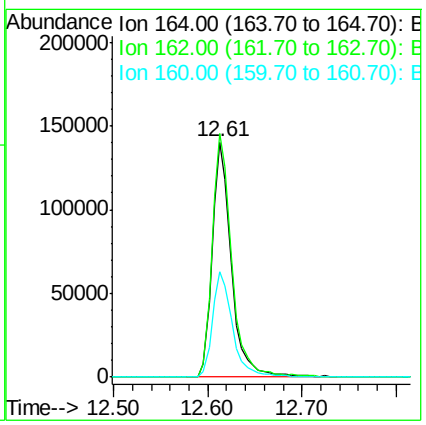


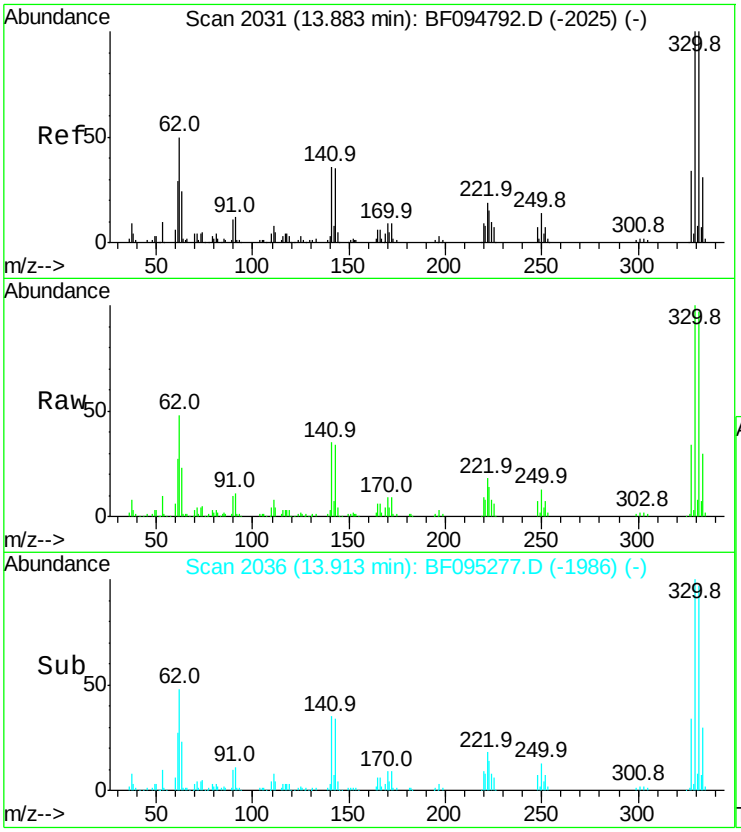


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.61 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF095277.D
Acq: 19 May 2017 22:43

Tgt Ion:164 Resp: 200230

Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.6	123.8
160	44.7	36.2	54.2



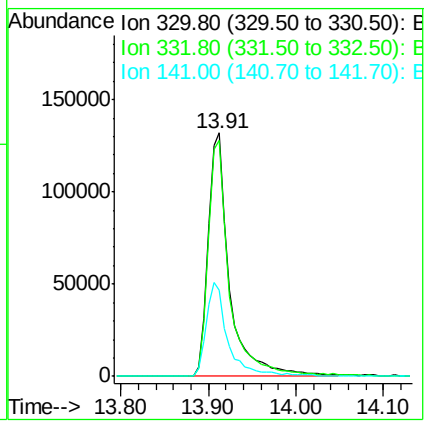


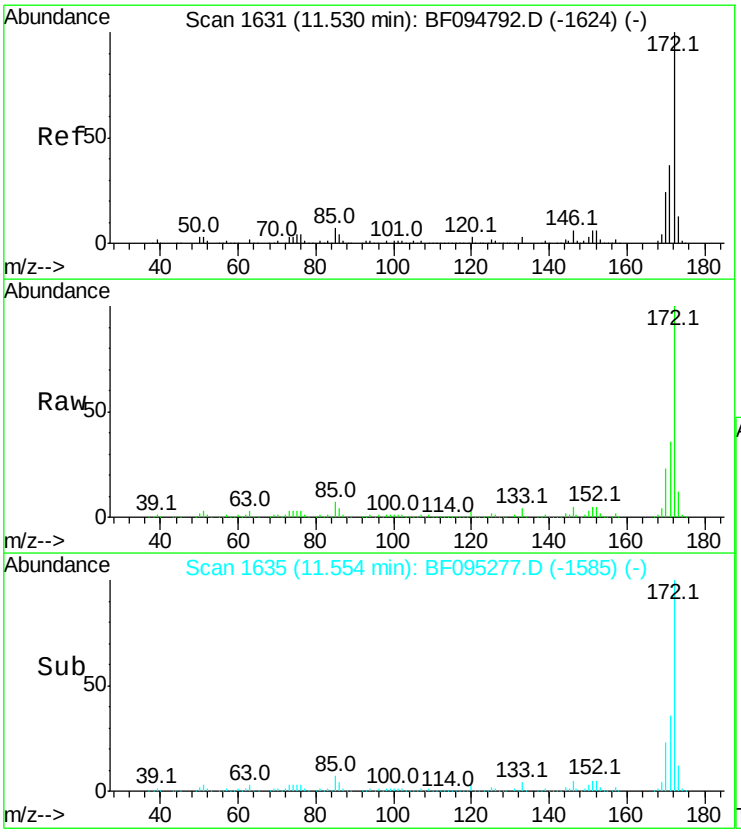
#41
2,4,6-Tribromophenol
Concen: 136.61 ng
RT: 13.91 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF095277.D
Acq: 19 May 2017 22:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 224019

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	115.0
141	38.8	31.4	47.2

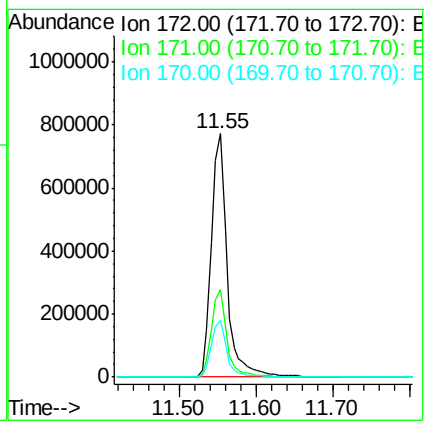


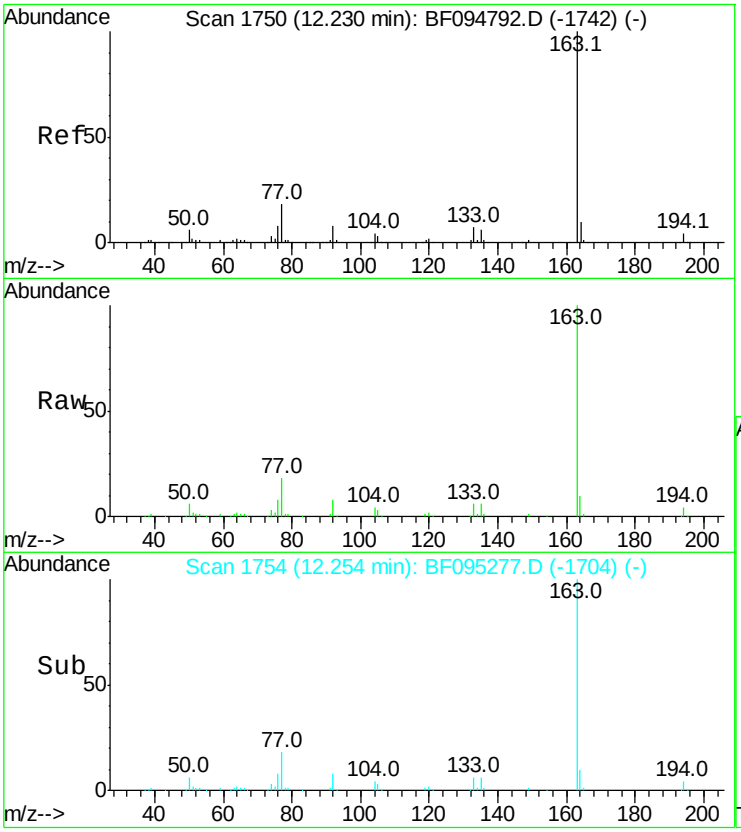


#44
2-Fluorobiphenyl
Concen: 77.97 ng
RT: 11.55 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BF095277.D
Acq: 19 May 2017 22:43

Tgt Ion:172 Resp: 1084675

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.4	19.8	29.8



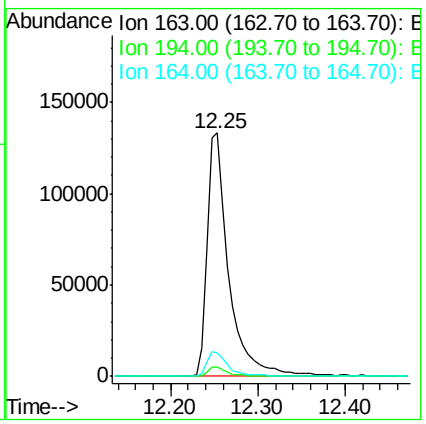


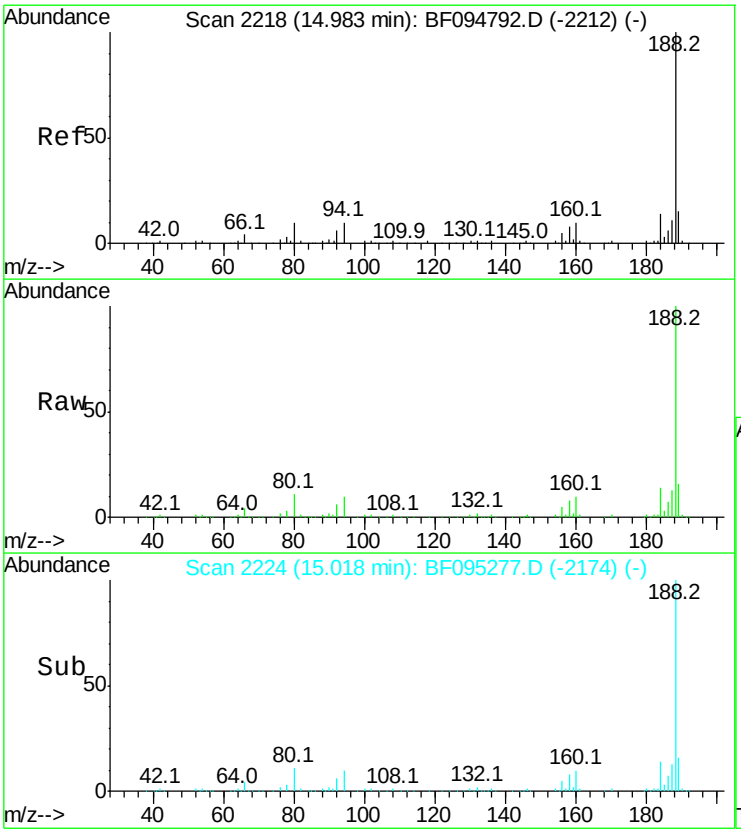
#49
Dimethylphthalate
Concen: 13.86 ng
RT: 12.25 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF095277.D
Acq: 19 May 2017 22:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 227834

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.7	8.4	12.6

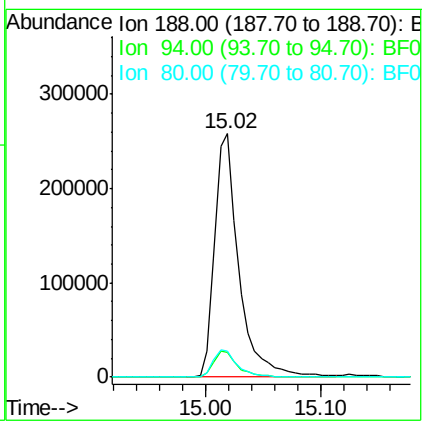


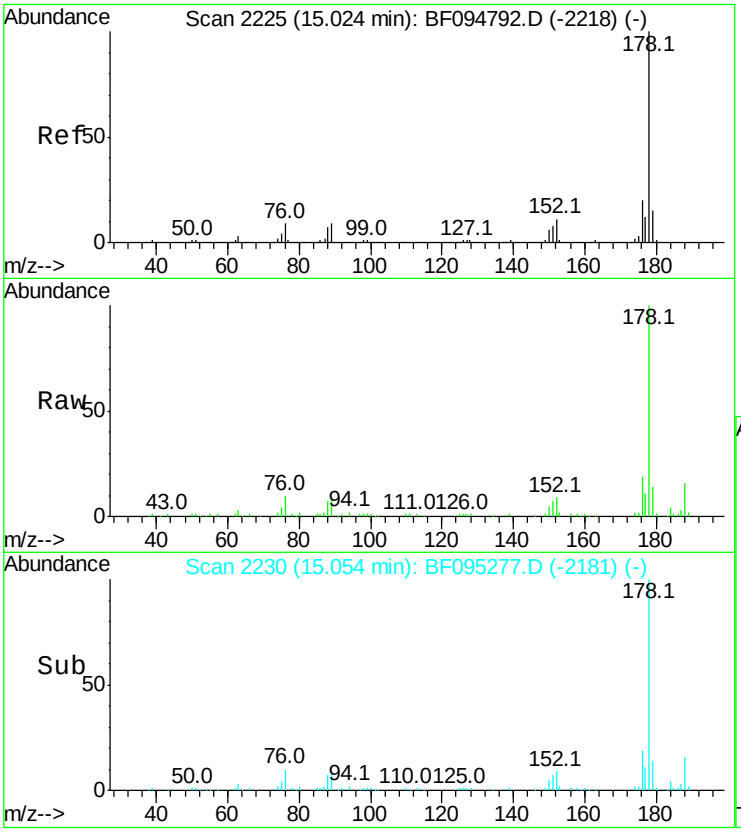


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF095277.D
Acq: 19 May 2017 22:43

Tgt Ion:188 Resp: 375719

Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.4	14.2
80	10.6	10.2	15.2



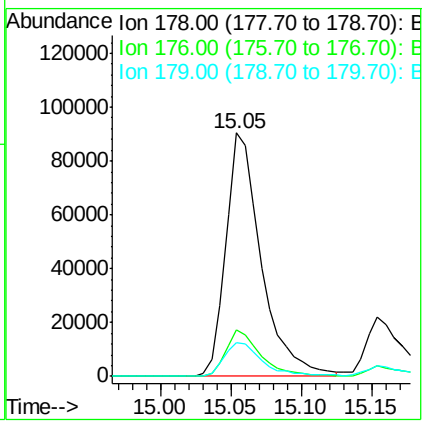


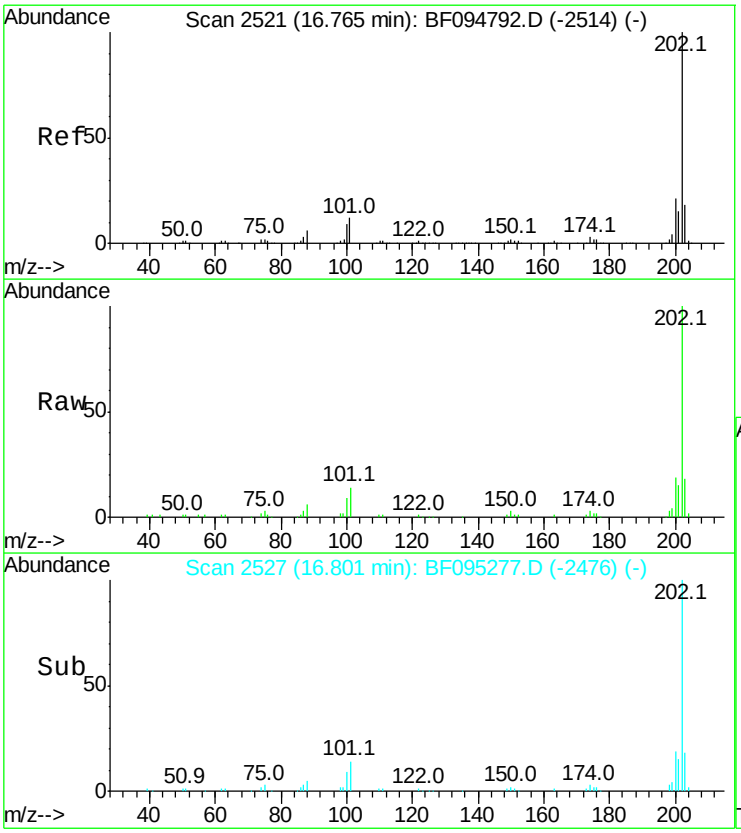
#70
Phenanthrene
Concen: 7.32 ng
RT: 15.05 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF095277.D
Acq: 19 May 2017 22:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 158025

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	13.8	12.6	19.0

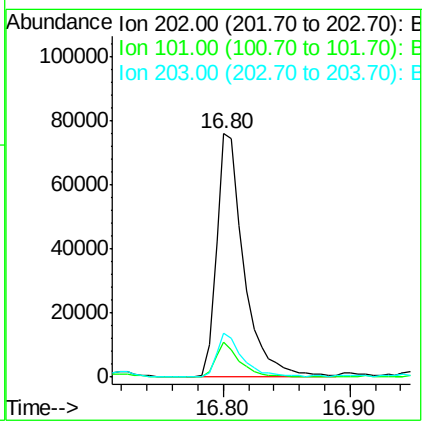


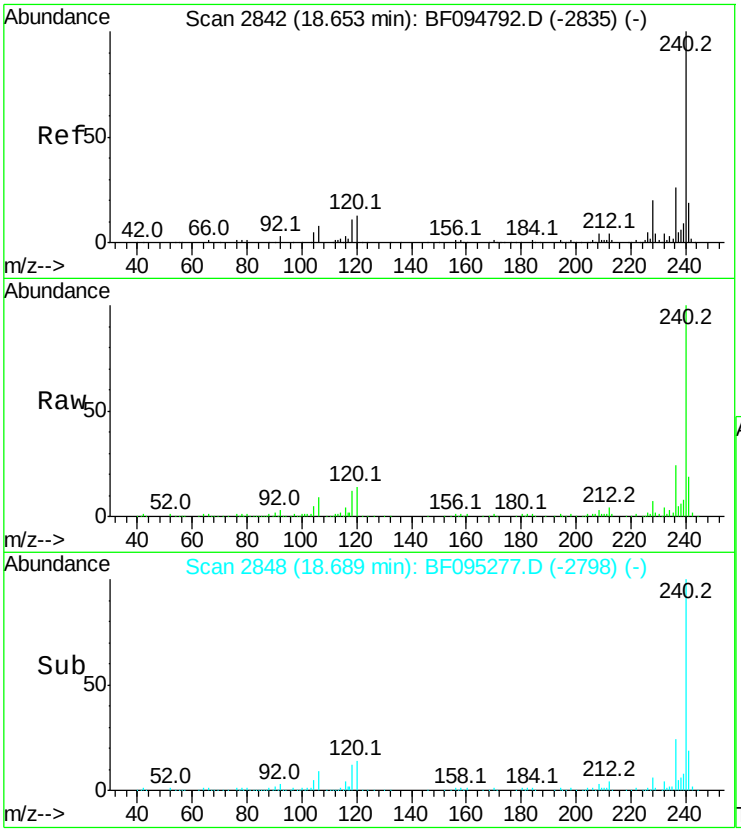


#74
Fluoranthene
Concen: 5.14 ng
RT: 16.80 min Scan# 2527
Delta R.T. 0.00 min
Lab File: BF095277.D
Acq: 19 May 2017 22:43

Tgt Ion:202 Resp: 113853

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	33.2
203	18.0	0.0	38.1



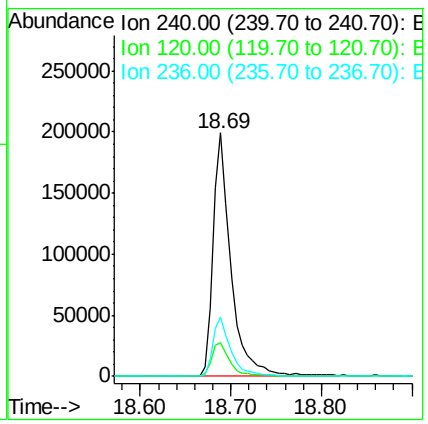


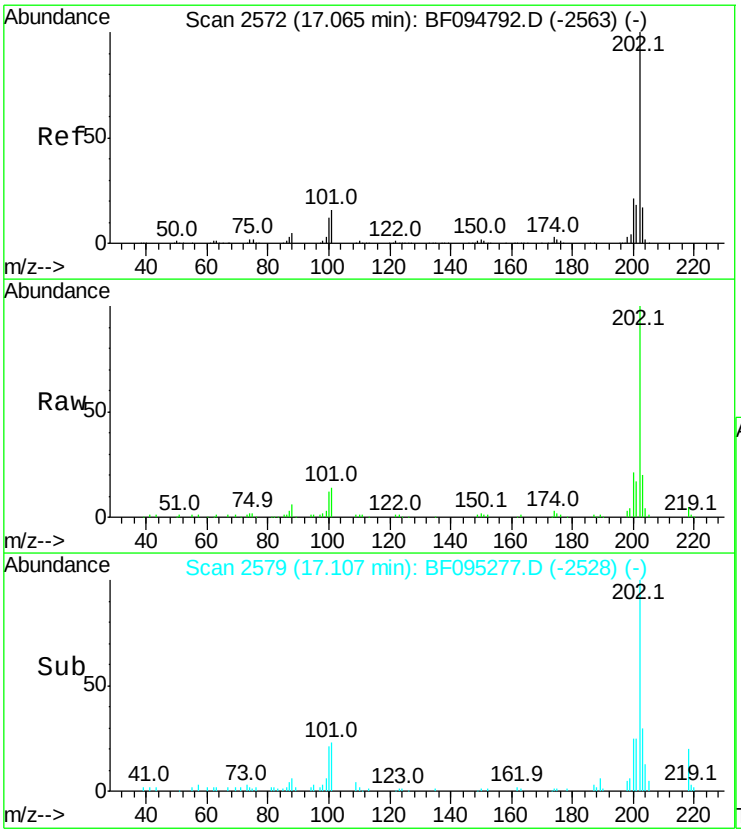
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.69 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BF095277.D
Acq: 19 May 2017 22:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 274450

Ion	Ratio	Lower	Upper
240	100		
120	13.6	5.8	8.8#
236	24.1	20.5	30.7

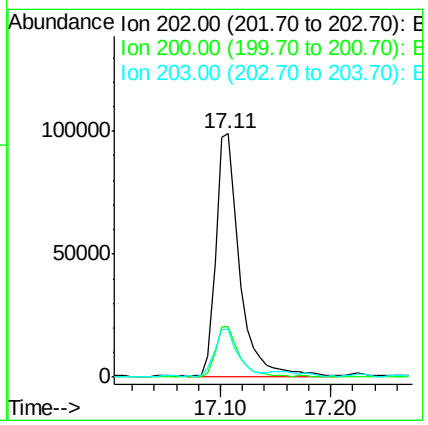


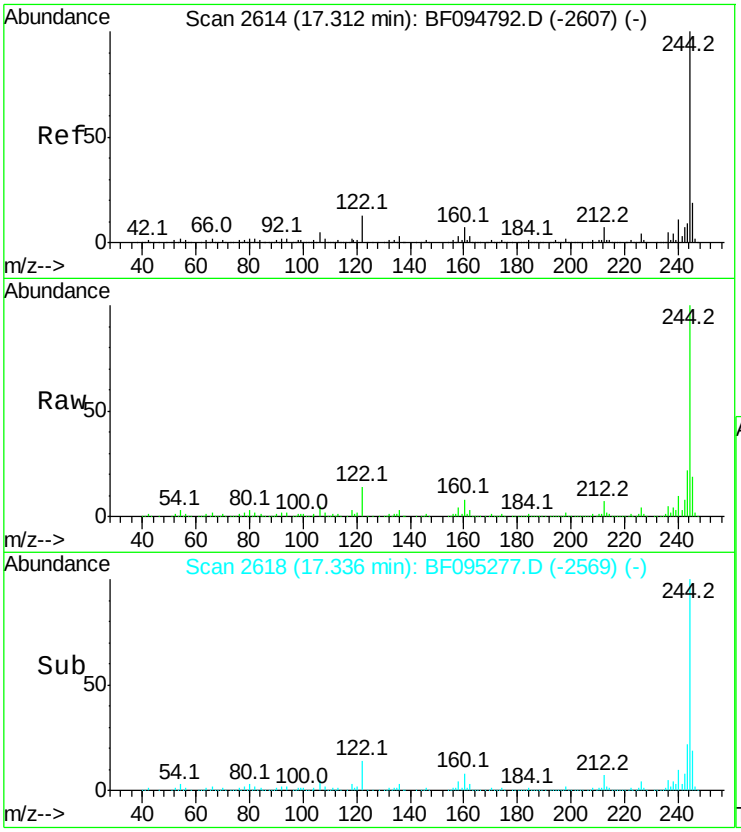


#77
Pyrene
Concen: 7.29 ng
RT: 17.11 min Scan# 2579
Delta R.T. 0.00 min
Lab File: BF095277.D
Acq: 19 May 2017 22:43

Tgt Ion:202 Resp: 149555

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.6	26.4
203	19.6	14.4	21.6



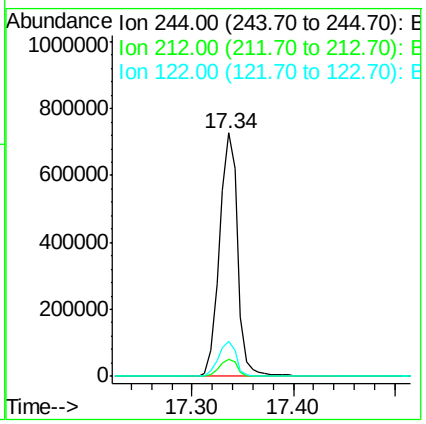


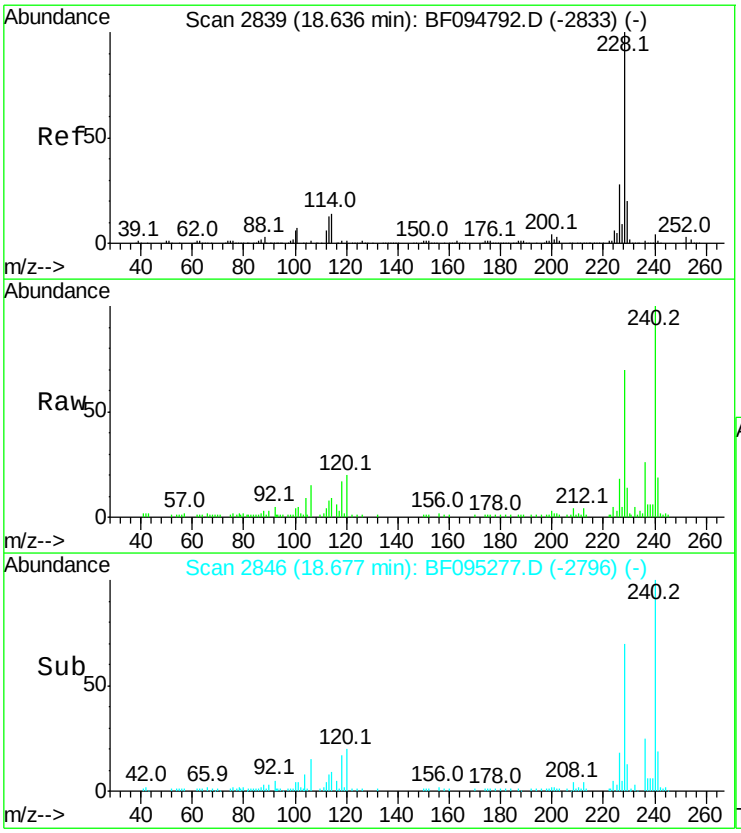
#78
Terphenyl-d14
Concen: 72.97 ng
RT: 17.34 min Scan# 2618
Delta R.T. -0.01 min
Lab File: BF095277.D
Acq: 19 May 2017 22:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 909235

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	14.5	10.3	15.5

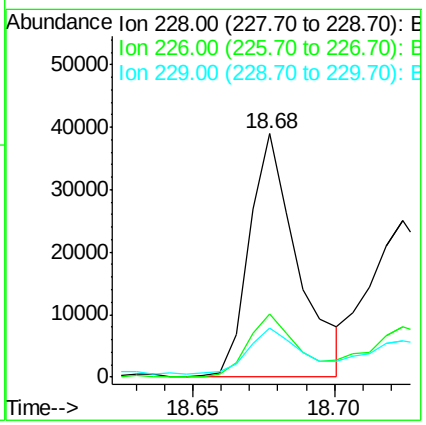


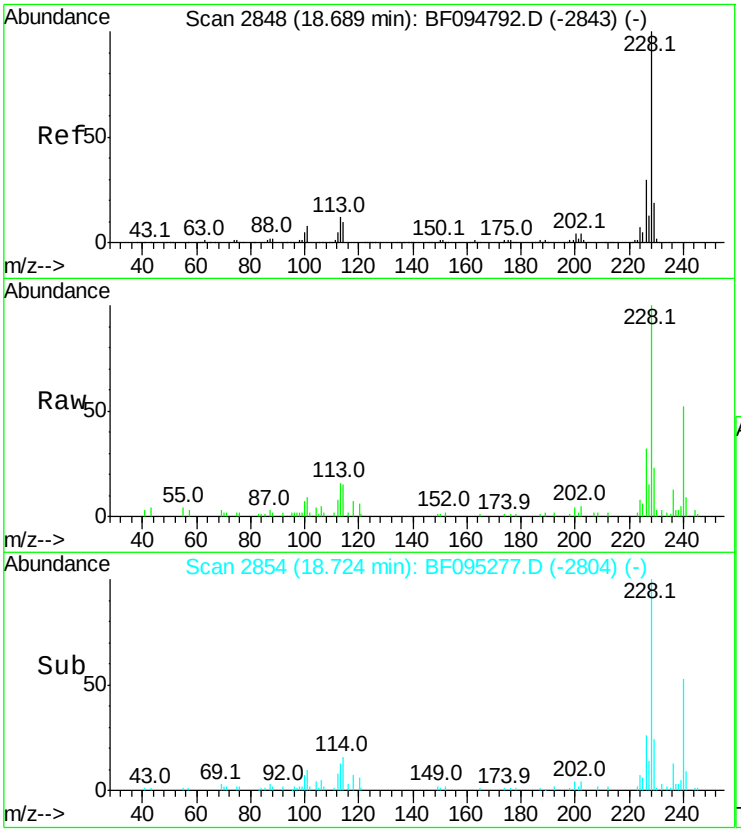


#80
Benzo(a)anthracene
Concen: 2.90 ng
RT: 18.68 min Scan# 2846
Delta R.T. -0.01 min
Lab File: BF095277.D
Acq: 19 May 2017 22:43

Tgt Ion:228 Resp: 46343

Ion	Ratio	Lower	Upper
228	100		
226	25.7	22.6	33.8
229	19.9	16.3	24.5



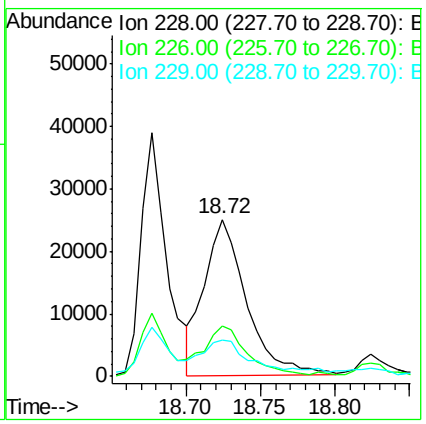


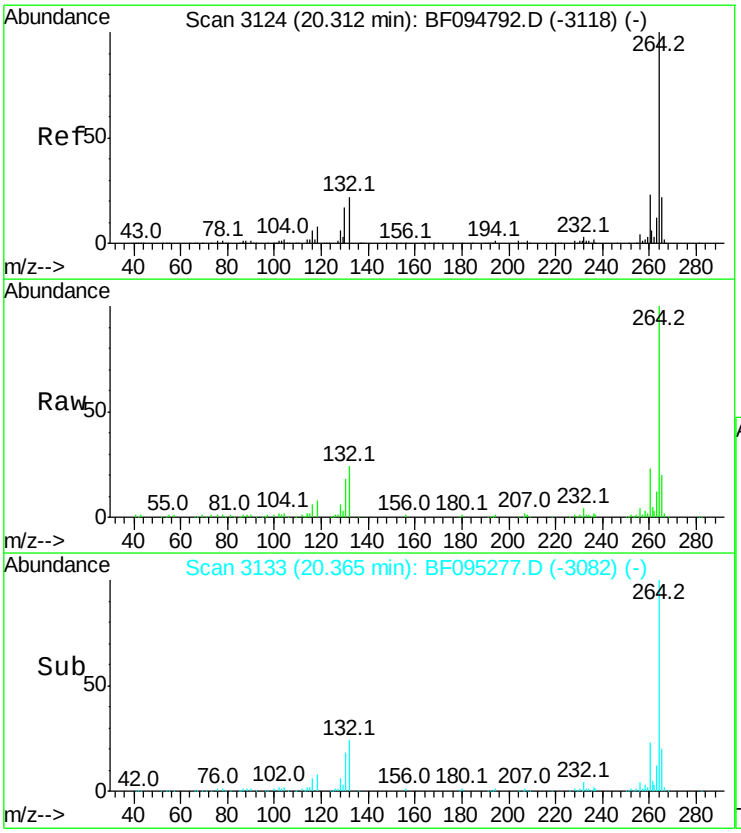
#82
Chrysene
Concen: 3.22 ng
RT: 18.72 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BF095277.D
Acq: 19 May 2017 22:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 49743

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.9	37.3
229	23.0	15.8	23.6

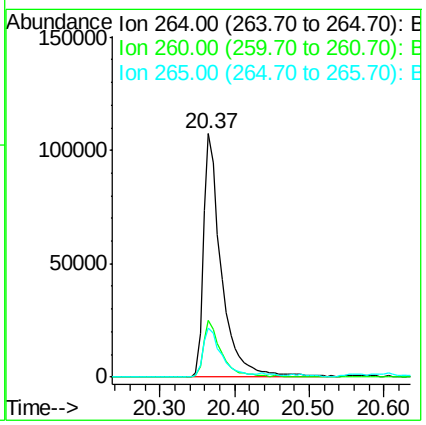


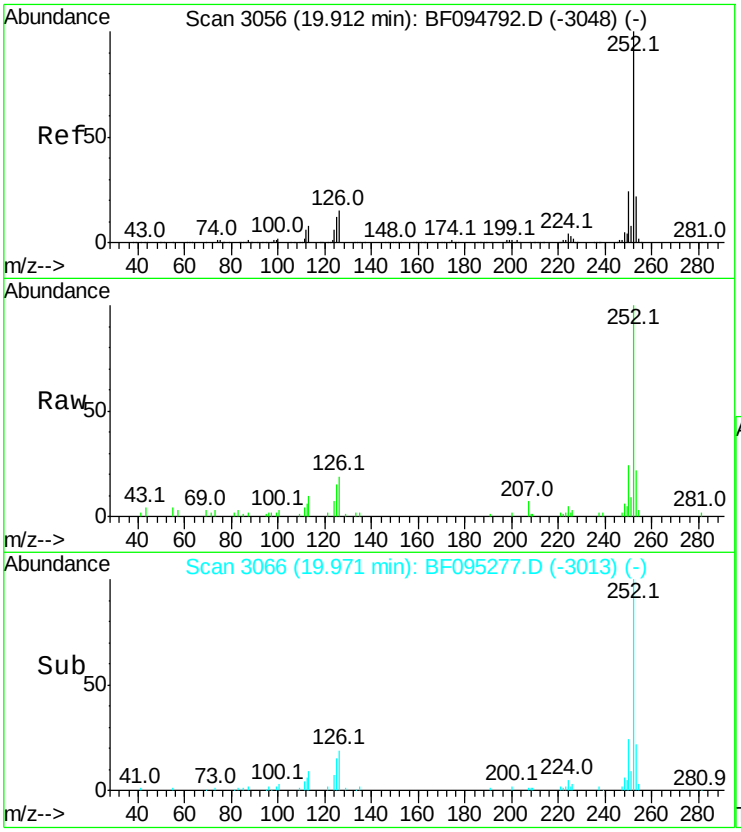


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.37 min Scan# 3133
Delta R.T. 0.00 min
Lab File: BF095277.D
Acq: 19 May 2017 22:43

Tgt Ion:264 Resp: 180331

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	20.2	17.2	25.8



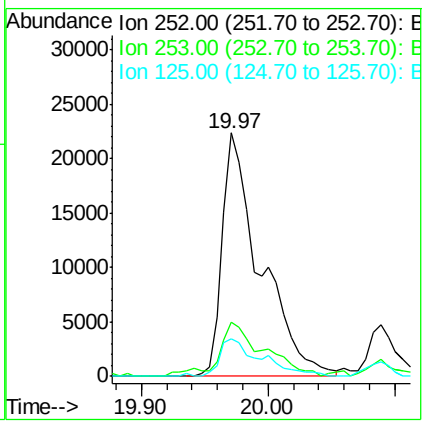


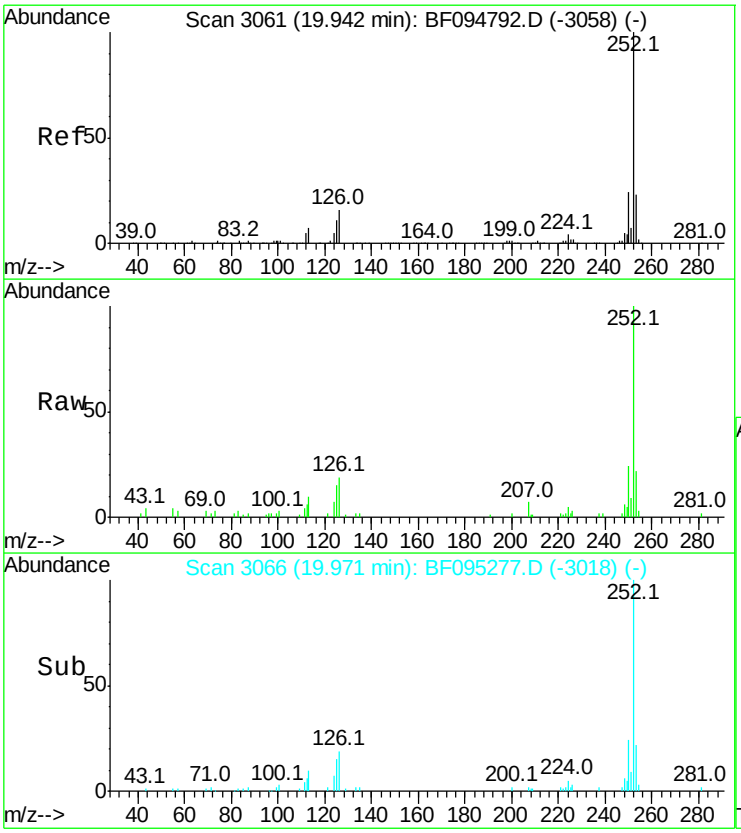
#87
Benzo(b)fluoranthene
Concen: 4.21 ng
RT: 19.97 min Scan# 3066
Delta R.T. 0.01 min
Lab File: BF095277.D
Acq: 19 May 2017 22:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 46906

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	15.2	9.8	14.8#

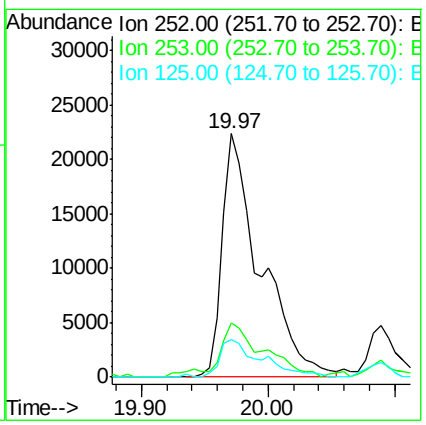


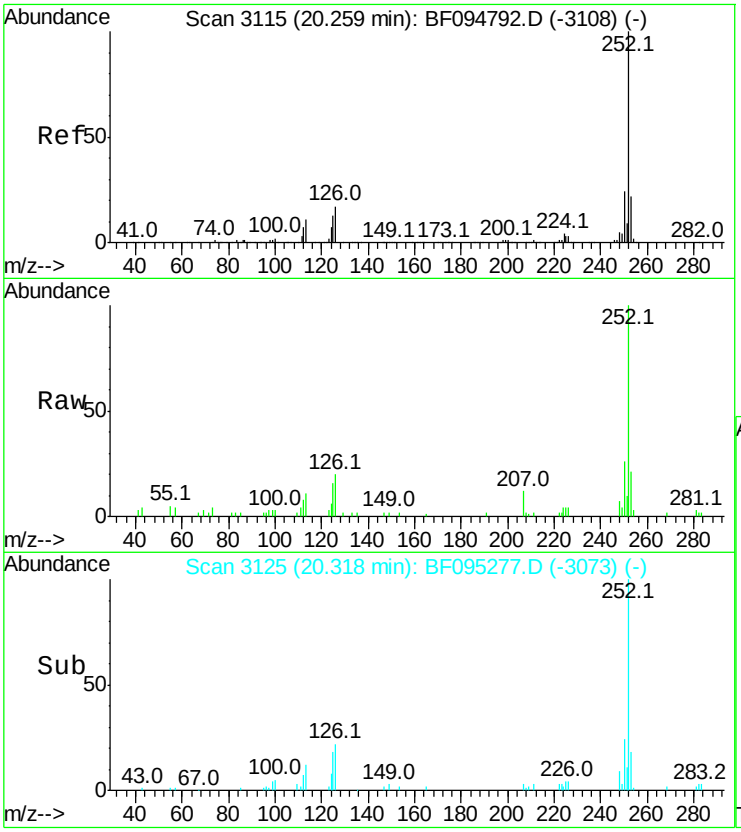


#88
Benzo(k)fluoranthene
Concen: 4.36 ng
RT: 19.97 min Scan# 3066
Delta R.T. -0.02 min
Lab File: BF095277.D
Acq: 19 May 2017 22:43

Tgt Ion:252 Resp: 46906

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.4	27.6
125	15.2	13.1	19.7



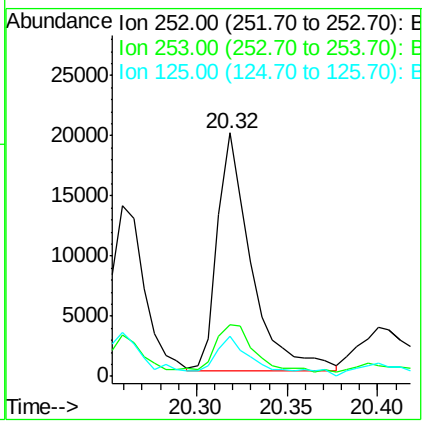


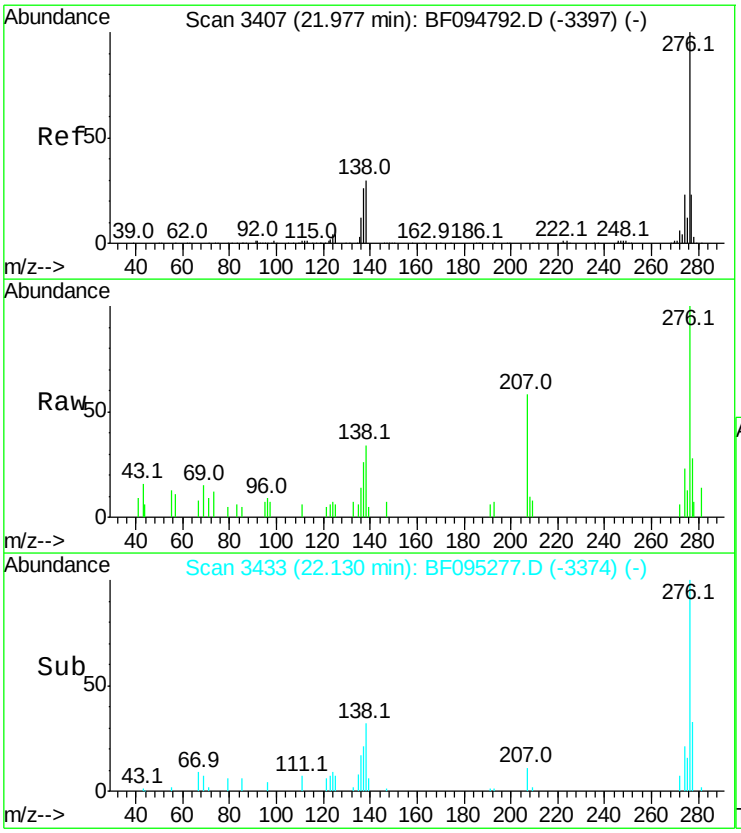
#89
Benzo(a)pyrene
Concen: 2.51 ng
RT: 20.32 min Scan# 3125
Delta R.T. 0.01 min
Lab File: BF095277.D
Acq: 19 May 2017 22:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 25805

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.5	26.3
125	16.4	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 2.03 ng
RT: 22.13 min Scan# 3433
Delta R.T. 0.05 min
Lab File: BF095277.D
Acq: 19 May 2017 22:43

Tgt Ion:276 Resp: 16957

Ion	Ratio	Lower	Upper
276	100		
277	27.5	18.6	28.0
138	34.3	25.4	38.0