Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051917\
Data File : BF095305.D
Acq On : 20 May 2017 15:14
Operator : SJ/MA
Sample : I3186-02 10X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 22 01:58:45 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	71763	20.00	ng		0.00
21) Naphthalene-d8	9.78	136	288744	20.00	ng		0.00
38) Acenaphthene-d10	12.61	164	128911	20.00	ng		0.00
63) Phenanthrene-d10	15.02	188	181798	20.00	ng		0.00
75) Chrysene-d12	18.68	240	180912	20.00	ng		-0.01
86) Perylene-d12	20.37	264	137833	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.82	112	23544	5.47	ng		0.09
7) Phenol-d6	7.40	99	9958	1.93	ng		0.09
23) Nitrobenzene-d5	8.72	82	21556	4.71	ng		0.05
41) 2,4,6-Tribromophenol	13.94	330	6308	5.97	ng		0.02
44) 2-Fluorobiphenyl	11.57	172	53908	6.02	ng		0.00
78) Terphenyl-d14	17.34	244	35074	4.27	ng		-0.01
Target Compounds							Qvalue
50) 2,6-Dinitrotoluene	12.61	165	13806	6.39	ng	#	31
70) Phenanthrene	15.05	178	146851	14.06	ng		97
71) Anthracene	15.15	178	32052	3.00	ng		98
74) Fluoranthene	16.79	202	248555	23.20	ng		98
77) Pyrene	17.09	202	268153	19.82	ng		96
80) Benzo(a)anthracene	18.67	228	112812	10.71	ng		97
82) Chrysene	18.72	228	128732	12.64	ng		97
85) Indeno(1,2,3-cd)pyrene	21.71	276	36136	4.37	ng		96
87) Benzo(b)fluoranthene	19.96	252	162336	19.06	ng	#	97
88) Benzo(k)fluoranthene	19.96	252	162336	19.76	ng		98
89) Benzo(a)pyrene	20.31	252	81960	10.43	ng		97
91) Benzo(g,h,i)perylene	22.10	276	40098	6.30	ng		99

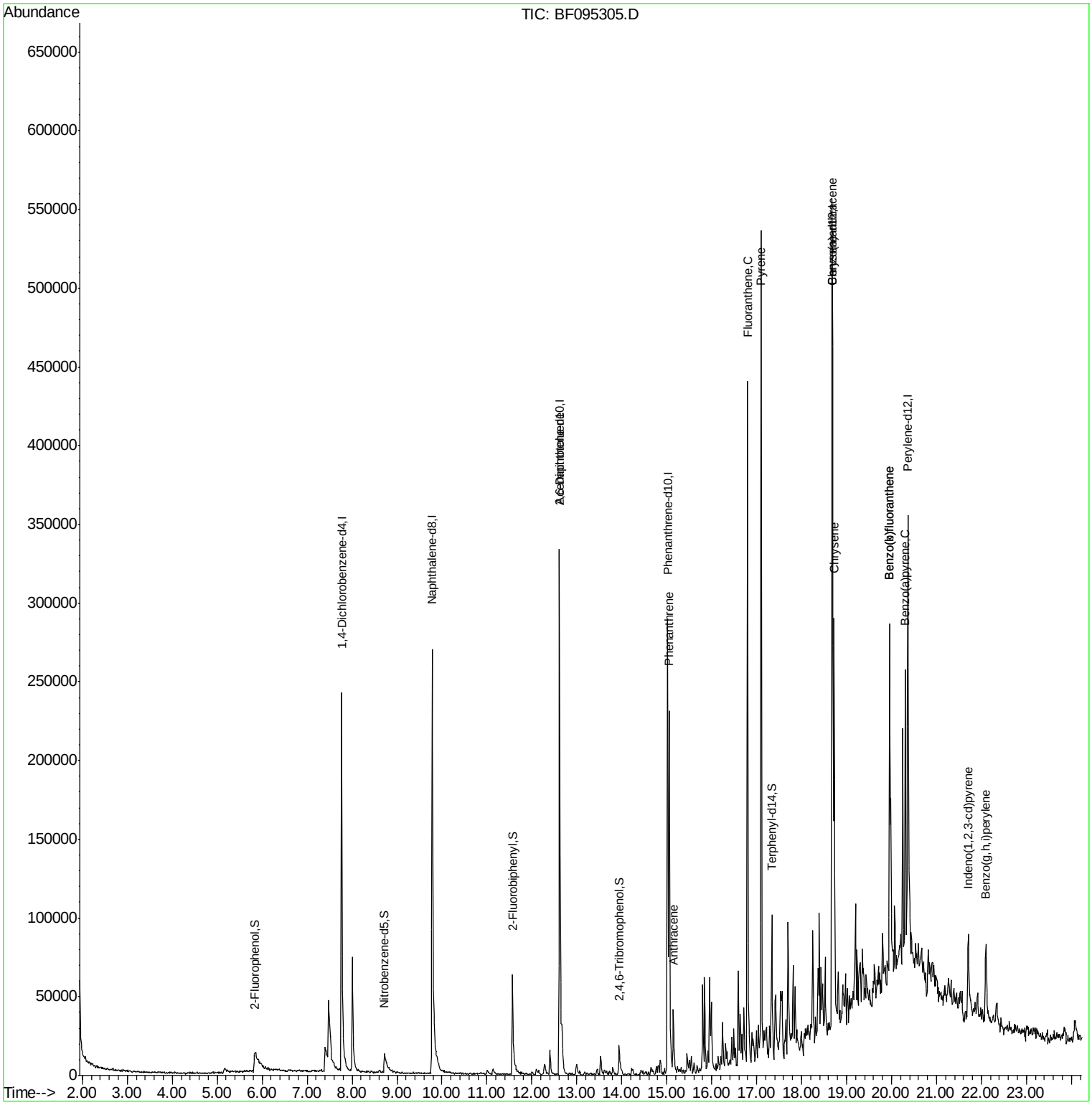
(#) = qualifier out of range (m) = manual integration (+) = signals summed

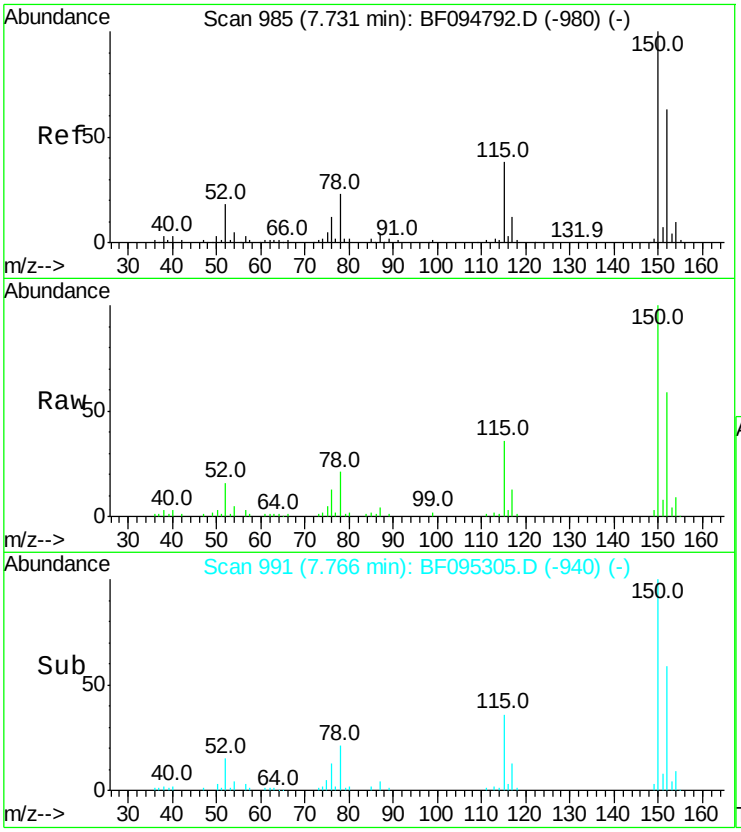
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051917\
Data File : BF095305.D
Acq On : 20 May 2017 15:14
Operator : SJ/MA
Sample : I3186-02 10X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 22 01:58:45 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



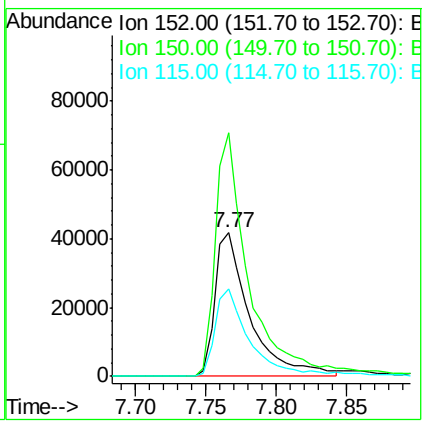


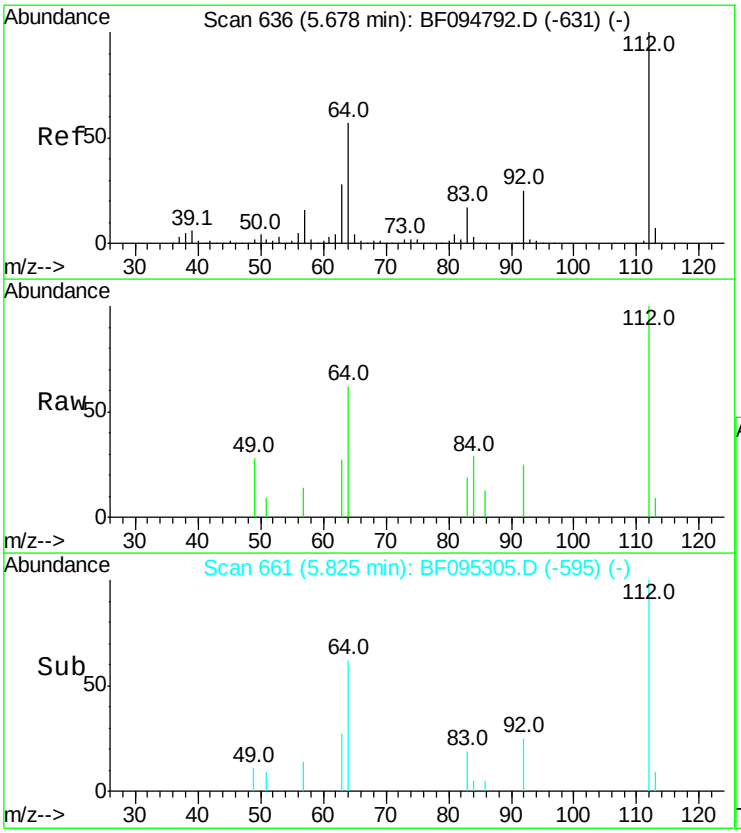
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF095305.D
Acq: 20 May 2017 15:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 71763

Ion	Ratio	Lower	Upper
152	100		
150	169.9	126.2	189.2
115	61.5	52.2	78.2

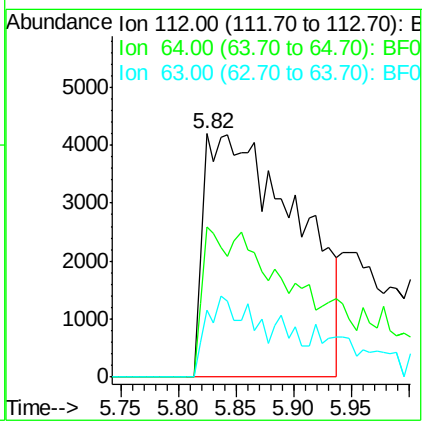


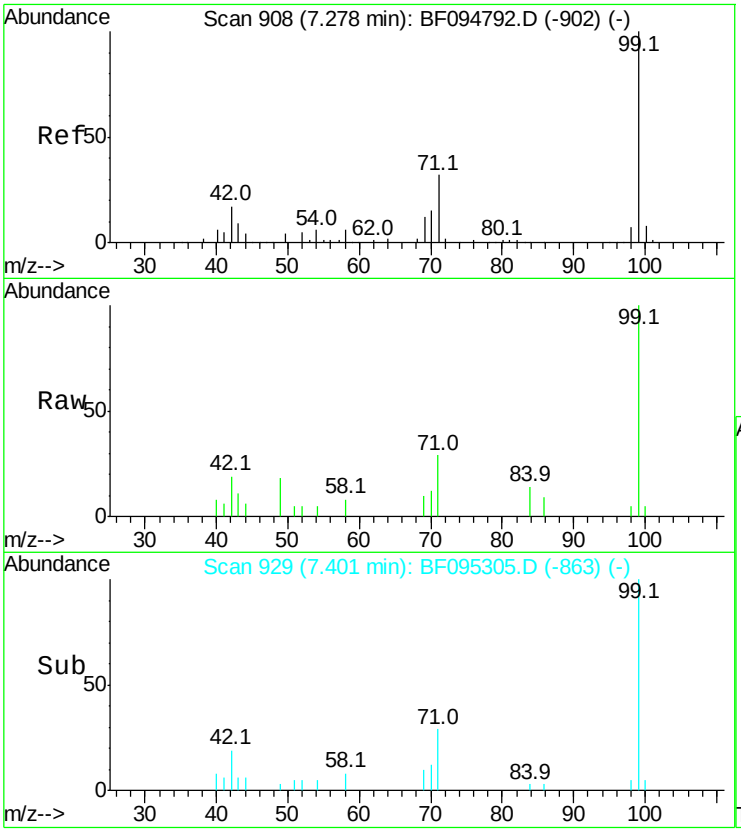


#5
2-Fluorophenol
Concen: 5.47 ng
RT: 5.82 min Scan# 661
Delta R.T. 0.09 min
Lab File: BF095305.D
Acq: 20 May 2017 15:14

Tgt Ion:112 Resp: 23544

Ion	Ratio	Lower	Upper
112	100		
64	61.9	46.0	69.0
63	27.3	23.4	35.0



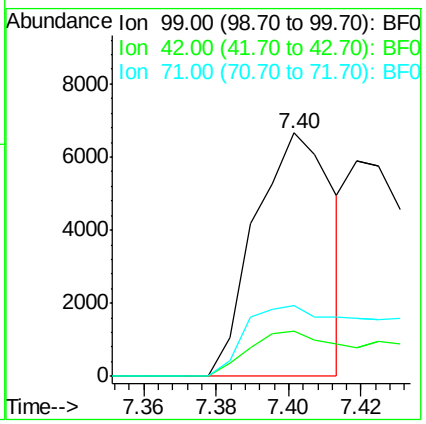


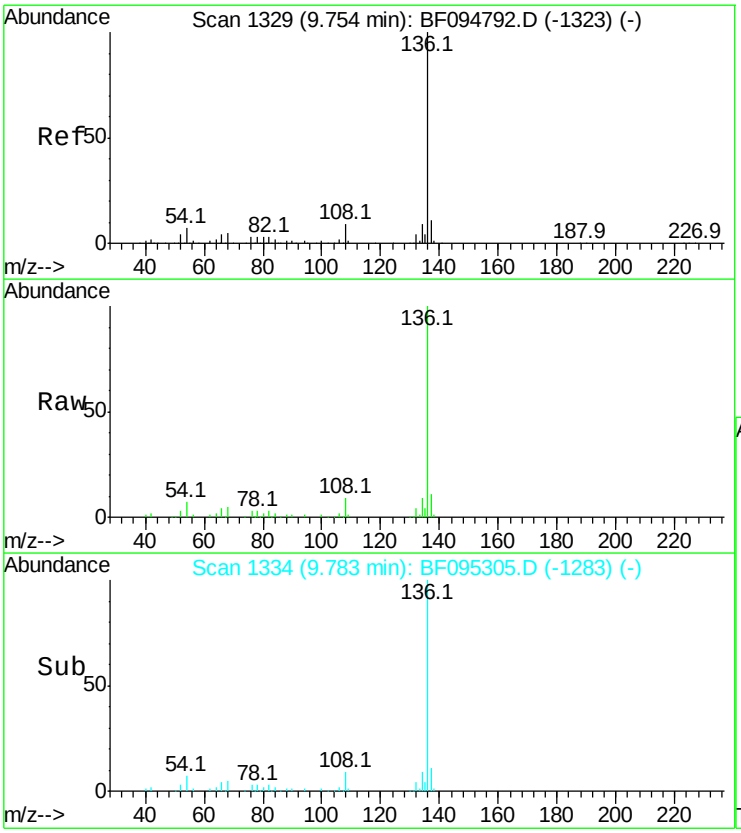
#7
Phenol-d6
Concen: 1.93 ng
RT: 7.40 min Scan# 929
Delta R.T. 0.09 min
Lab File: BF095305.D
Acq: 20 May 2017 15:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 9958

Ion	Ratio	Lower	Upper
99	100		
42	18.7	13.5	20.3
71	29.0	24.5	36.7

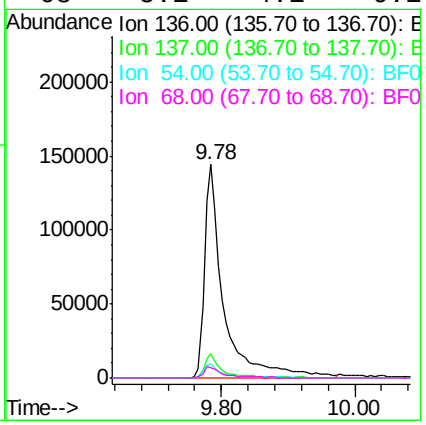


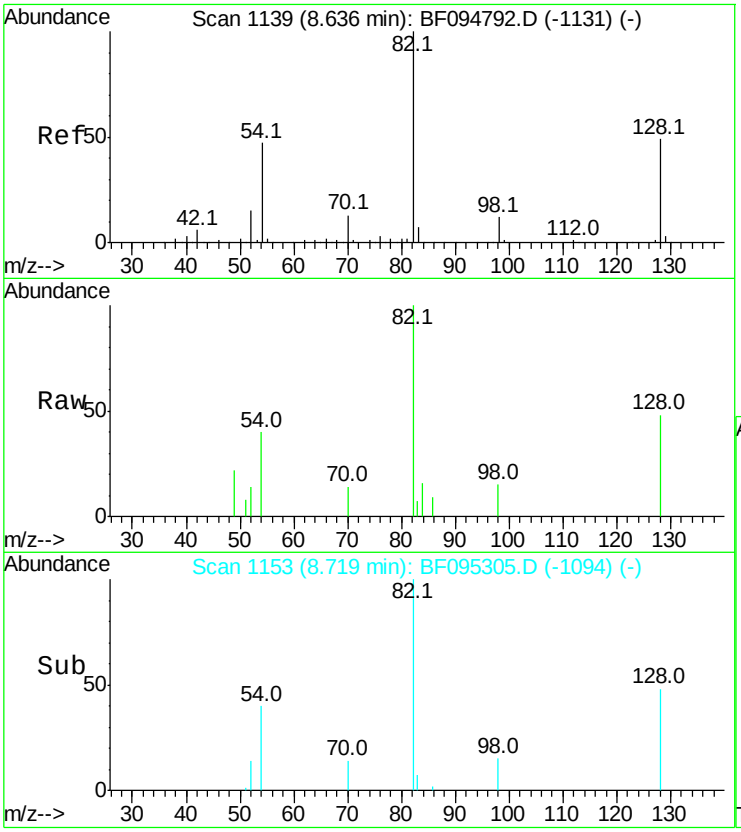


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.78 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF095305.D
Acq: 20 May 2017 15:14

Tgt Ion:136 Resp: 288744

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	6.8	4.9	7.3
68	5.1	4.1	6.1



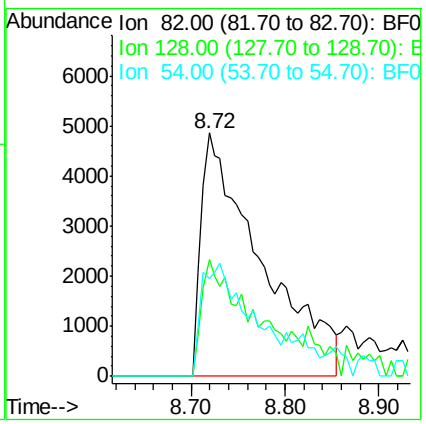


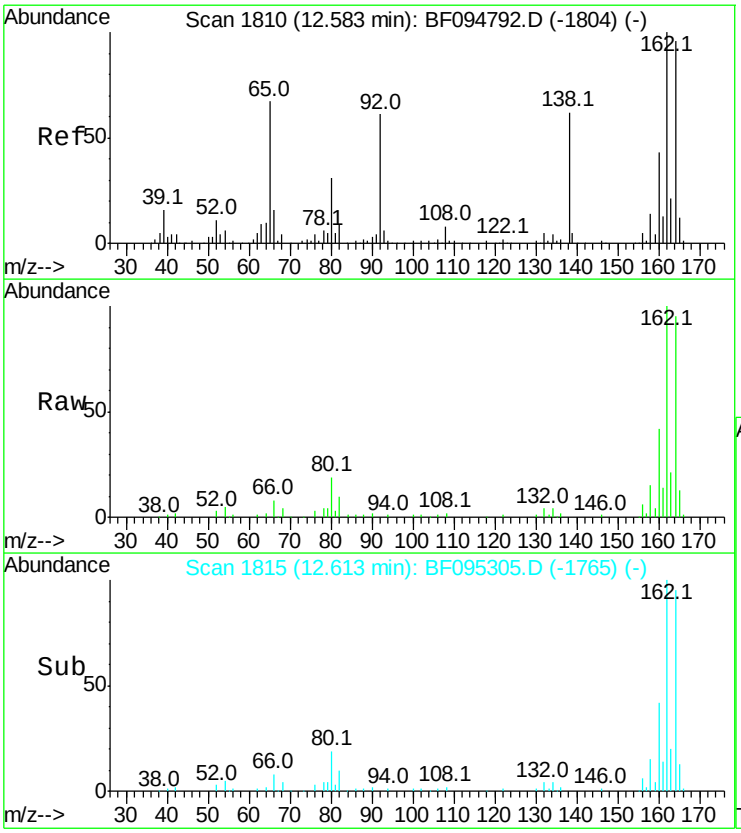
#23
Nitrobenzene-d5
Concen: 4.71 ng
RT: 8.72 min Scan# 1153
Delta R.T. 0.05 min
Lab File: BF095305.D
Acq: 20 May 2017 15:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 21556

Ion	Ratio	Lower	Upper
82	100		
128	48.1	34.0	51.0
54	39.9	42.2	63.2#

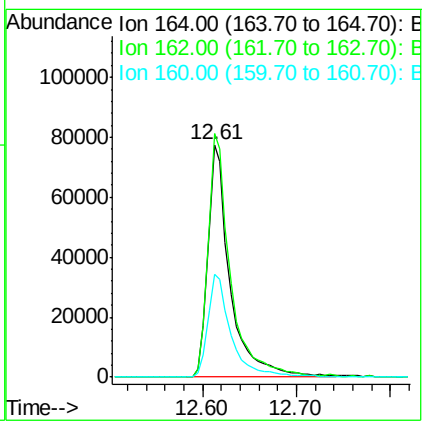


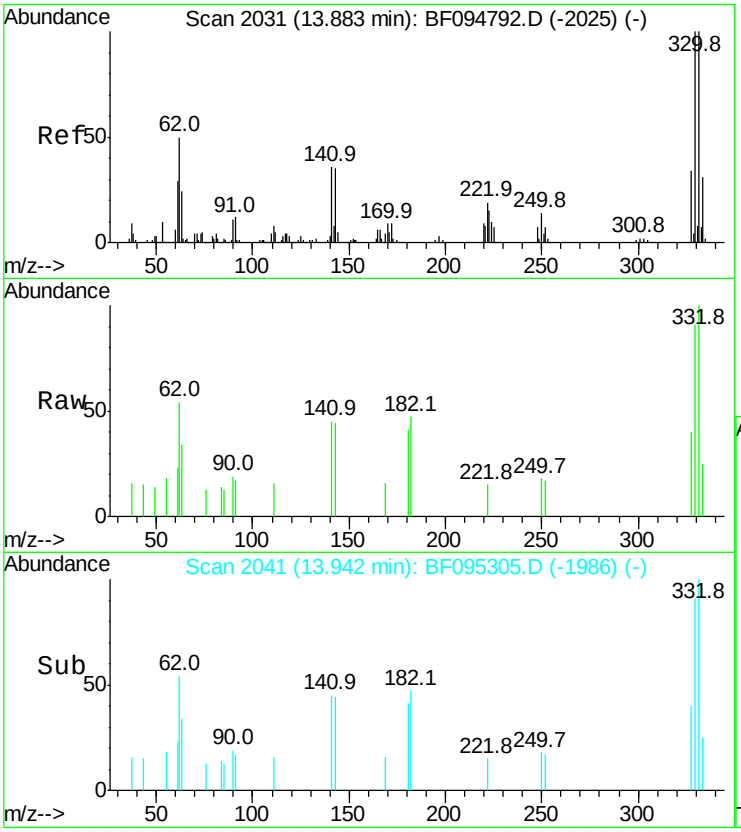


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.61 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF095305.D
Acq: 20 May 2017 15:14

Tgt Ion:164 Resp: 128911

Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.6	123.8
160	44.5	36.2	54.2



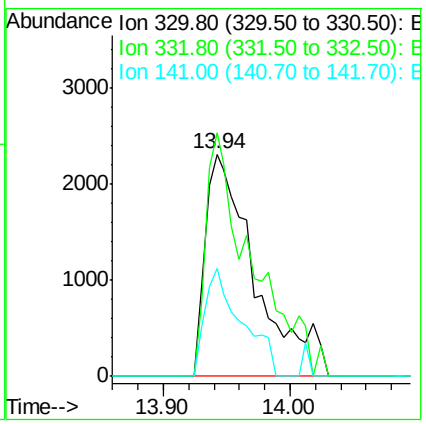


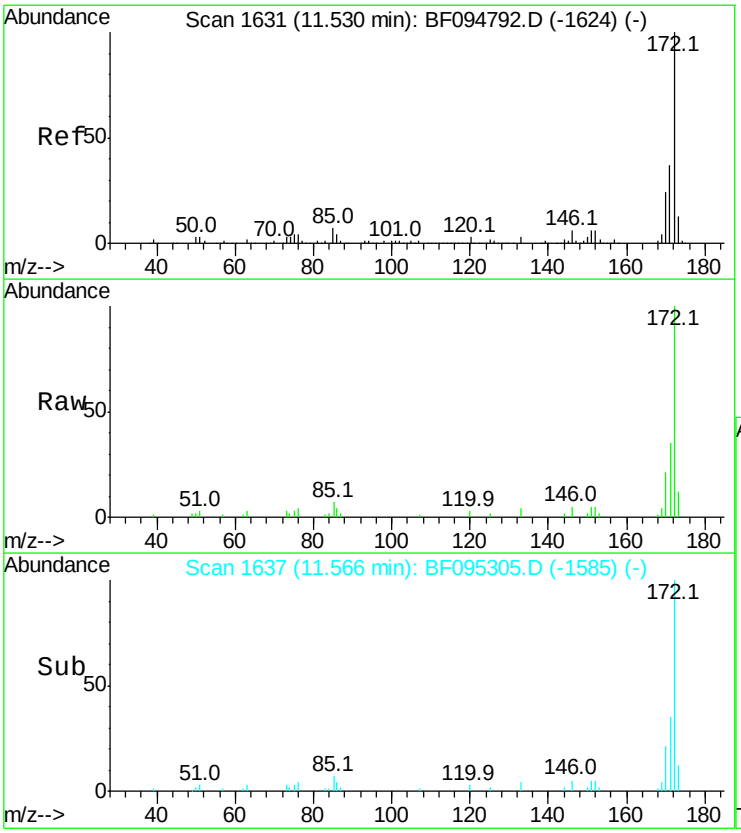
#41
2,4,6-Tribromophenol
Concen: 5.97 ng
RT: 13.94 min Scan# 2041
Delta R.T. 0.02 min
Lab File: BF095305.D
Acq: 20 May 2017 15:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 6308

Ion	Ratio	Lower	Upper
330	100		
332	102.5	76.6	115.0
141	36.1	31.4	47.2

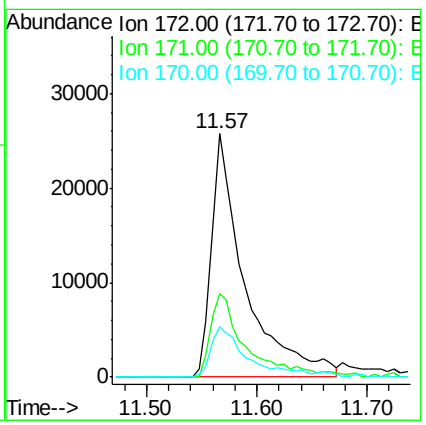


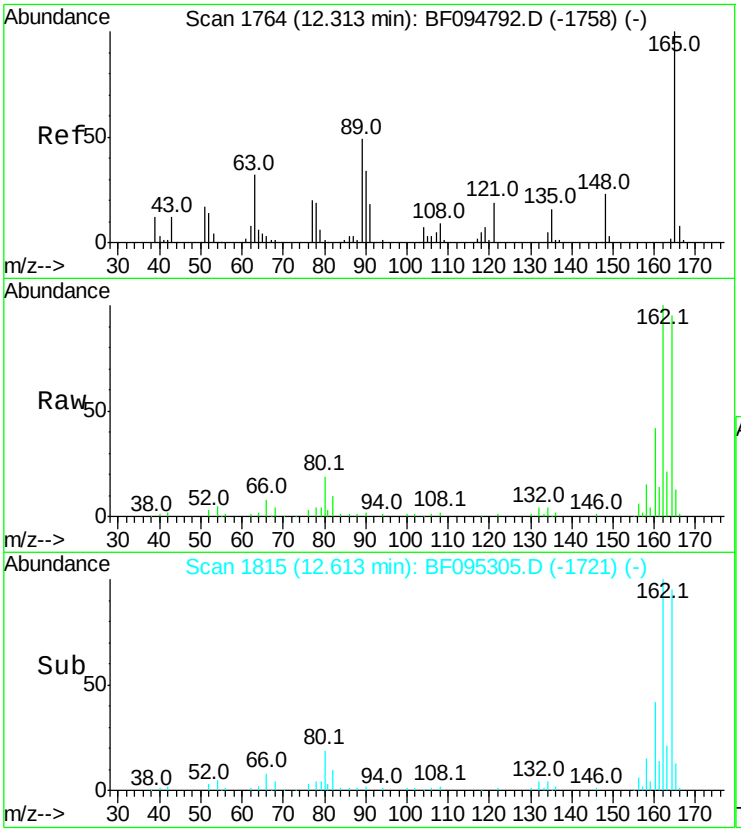


#44
2-Fluorobiphenyl
Concen: 6.02 ng
RT: 11.57 min Scan# 1637
Delta R.T. 0.01 min
Lab File: BF095305.D
Acq: 20 May 2017 15:14

Tgt Ion:172 Resp: 53908

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.6	44.4
170	20.6	19.8	29.8



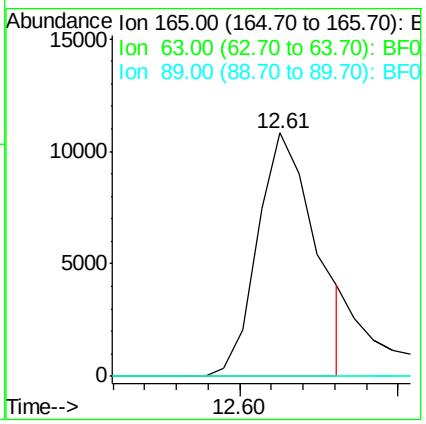


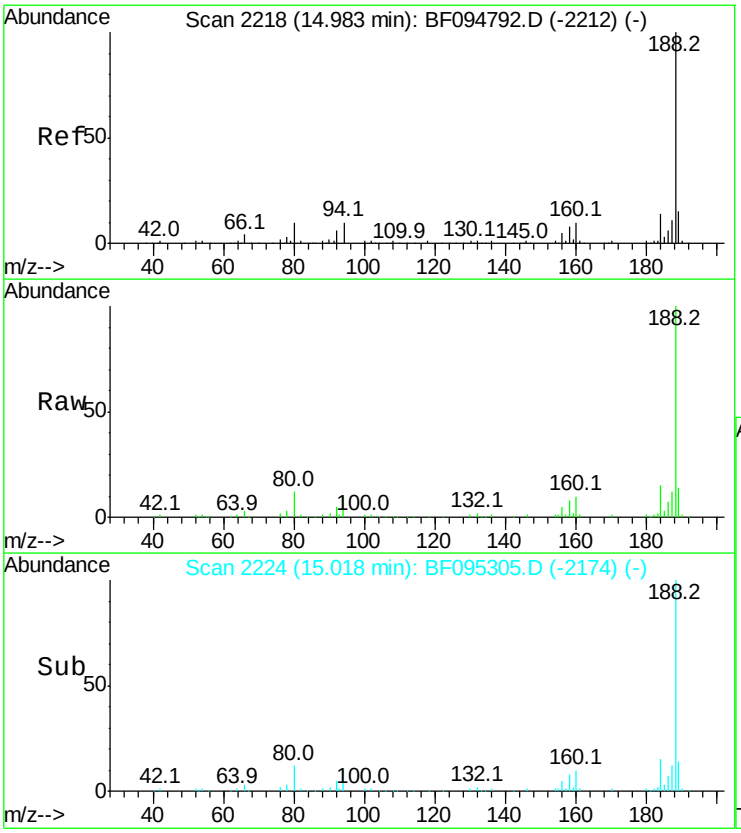
#50
2,6-Dinitrotoluene
Concen: 6.39 ng
RT: 12.61 min Scan# 1815
Delta R.T. 0.25 min
Lab File: BF095305.D
Acq: 20 May 2017 15:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 13806

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#

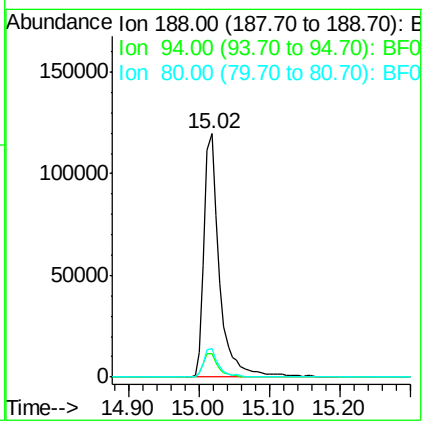


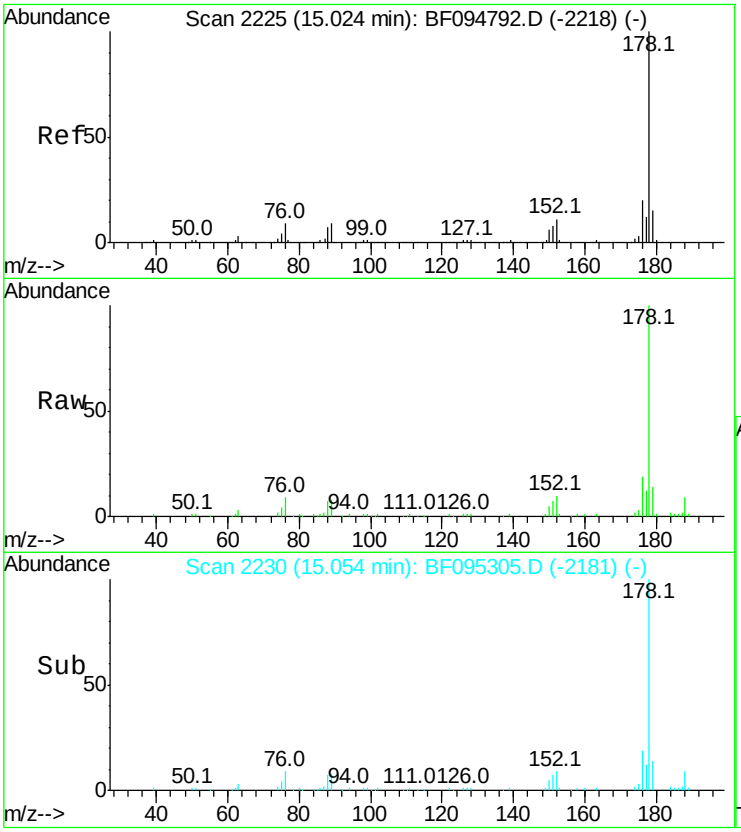


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF095305.D
Acq: 20 May 2017 15:14

Tgt Ion:188 Resp: 181798

Ion	Ratio	Lower	Upper
188	100		
94	9.6	9.4	14.2
80	11.5	10.2	15.2



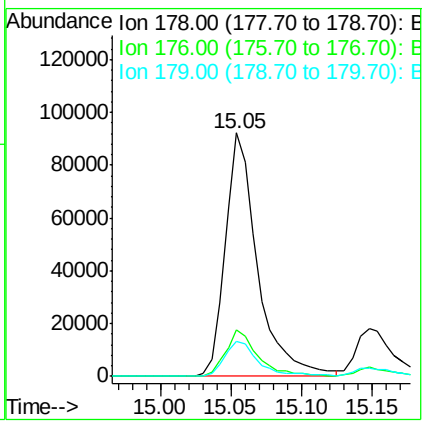


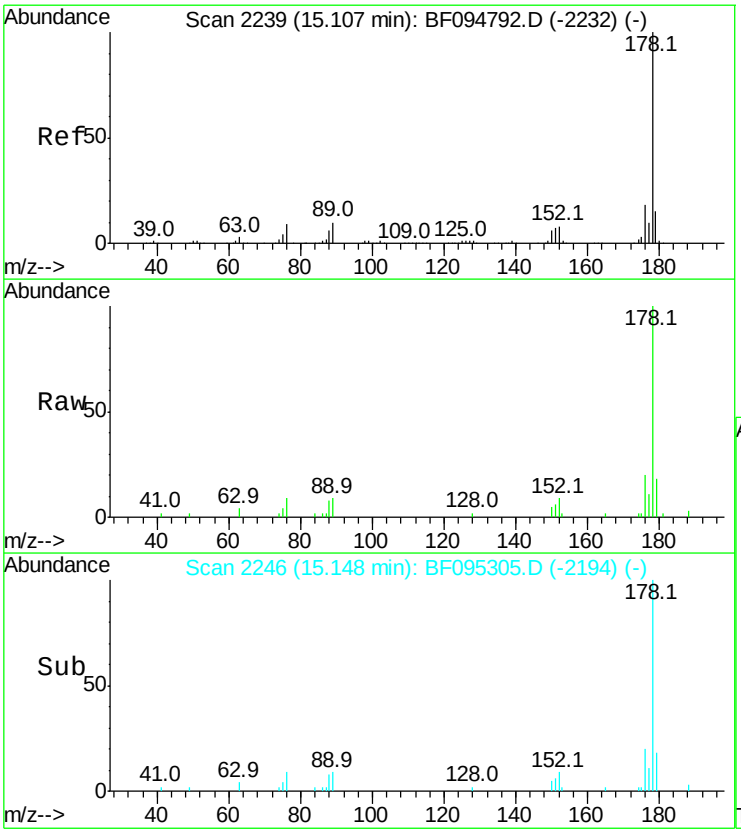
#70
Phenanthrene
Concen: 14.06 ng
RT: 15.05 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF095305.D
Acq: 20 May 2017 15:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 146851

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.4
179	14.4	12.6	19.0

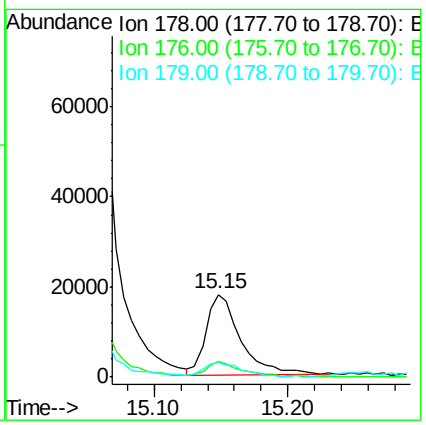


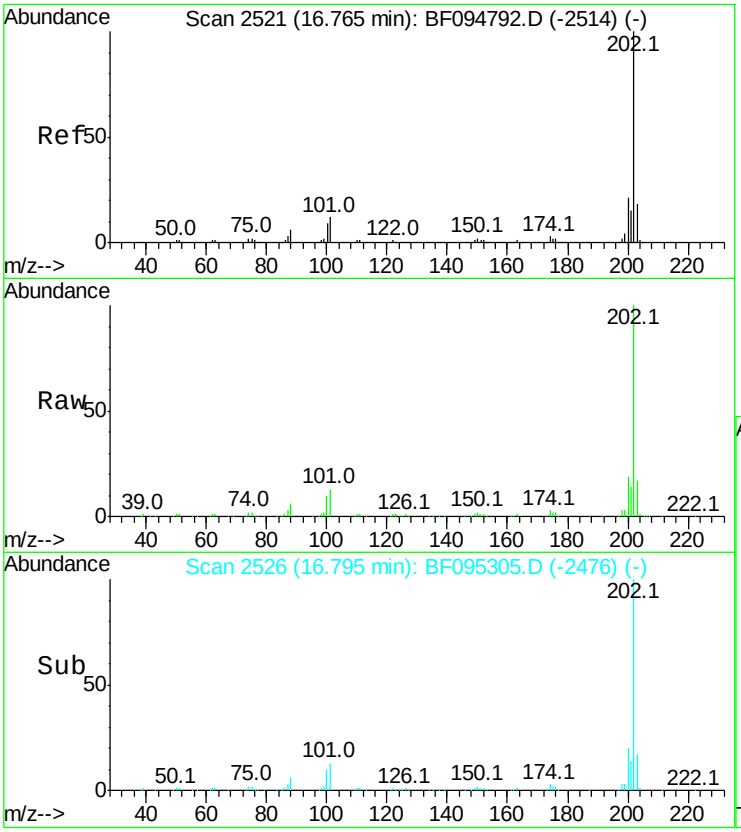


#71
Anthracene
Concen: 3.00 ng
RT: 15.15 min Scan# 2246
Delta R.T. 0.01 min
Lab File: BF095305.D
Acq: 20 May 2017 15:14

Tgt Ion:178 Resp: 32052

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	17.9	12.7	19.1



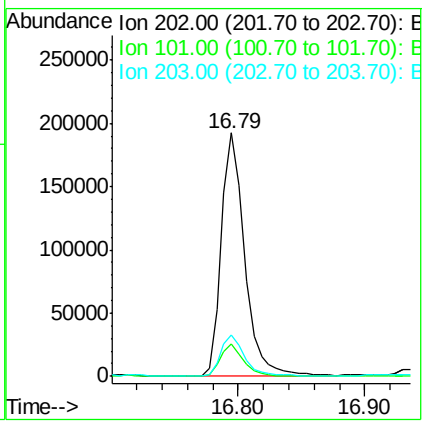


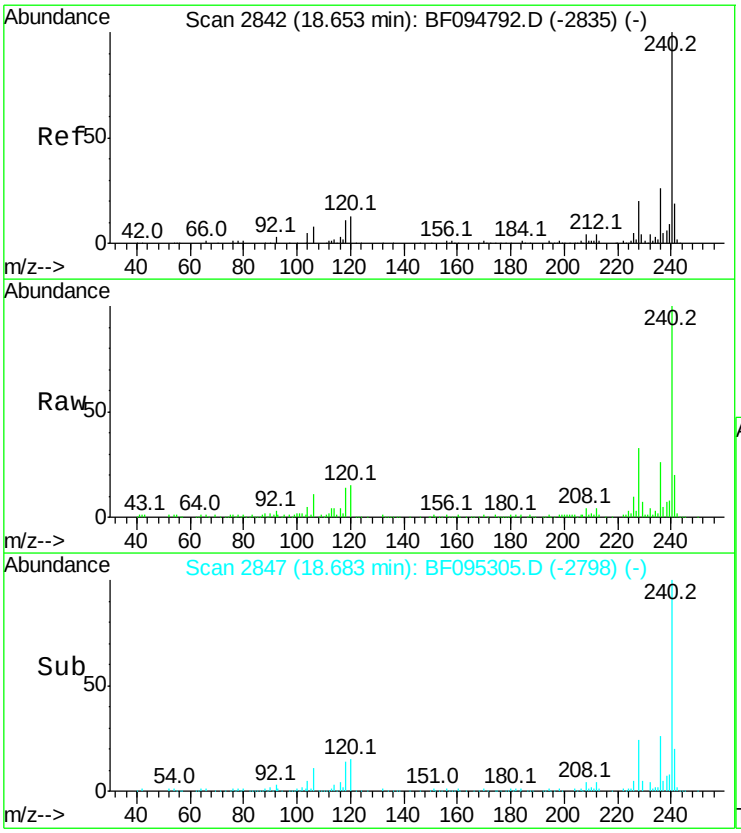
#74
Fluoranthene
Concen: 23.20 ng
RT: 16.79 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF095305.D
Acq: 20 May 2017 15:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 248555

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	33.2
203	17.0	0.0	38.1

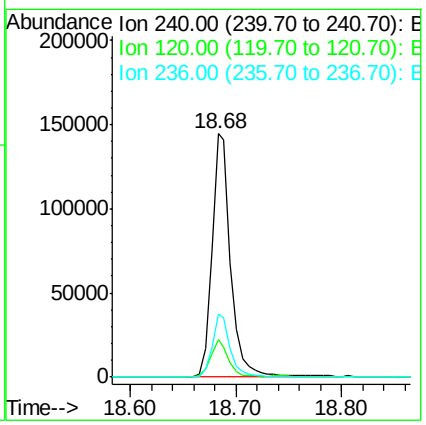


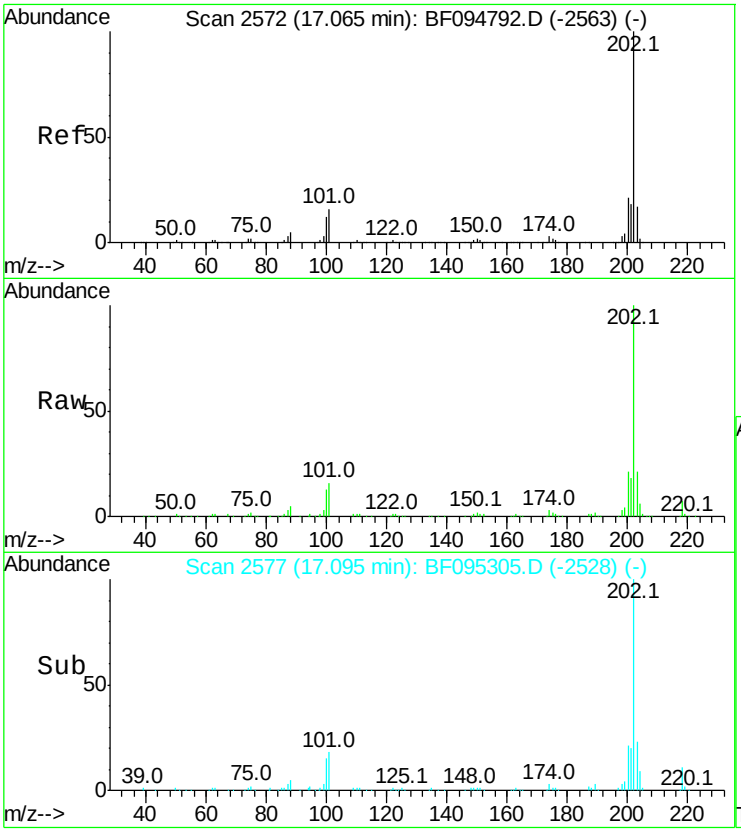


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.68 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BF095305.D
Acq: 20 May 2017 15:14

Tgt Ion:240 Resp: 180912

Ion	Ratio	Lower	Upper
240	100		
120	15.5	5.8	8.8#
236	26.0	20.5	30.7



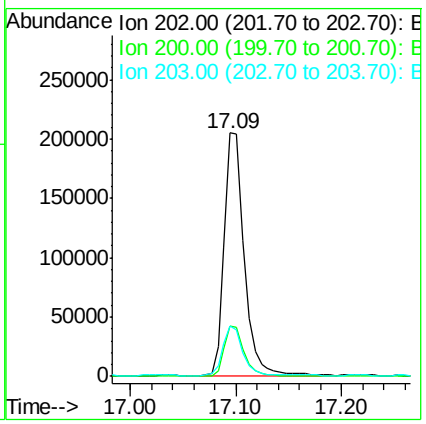


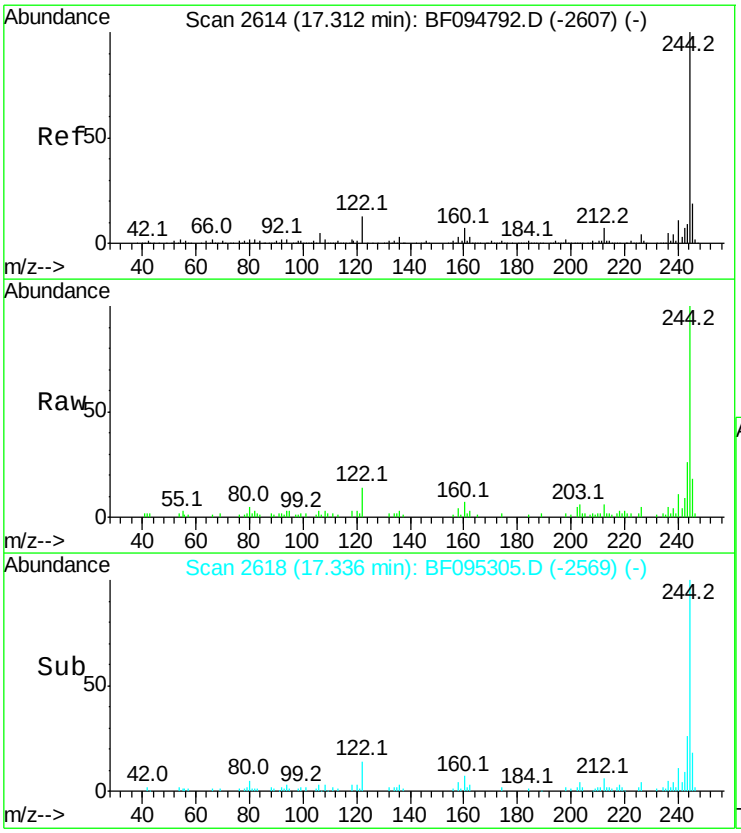
#77
Pyrene
Concen: 19.82 ng
RT: 17.09 min Scan# 2577
Delta R.T. -0.01 min
Lab File: BF095305.D
Acq: 20 May 2017 15:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 268153

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.6	26.4
203	20.6	14.4	21.6

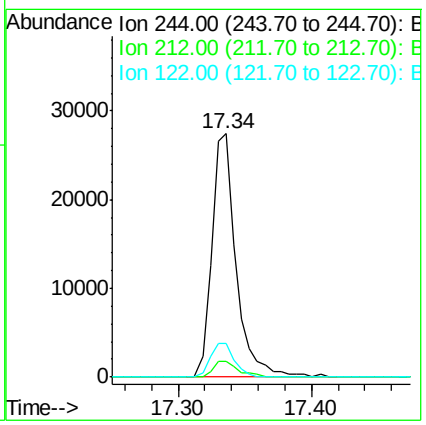


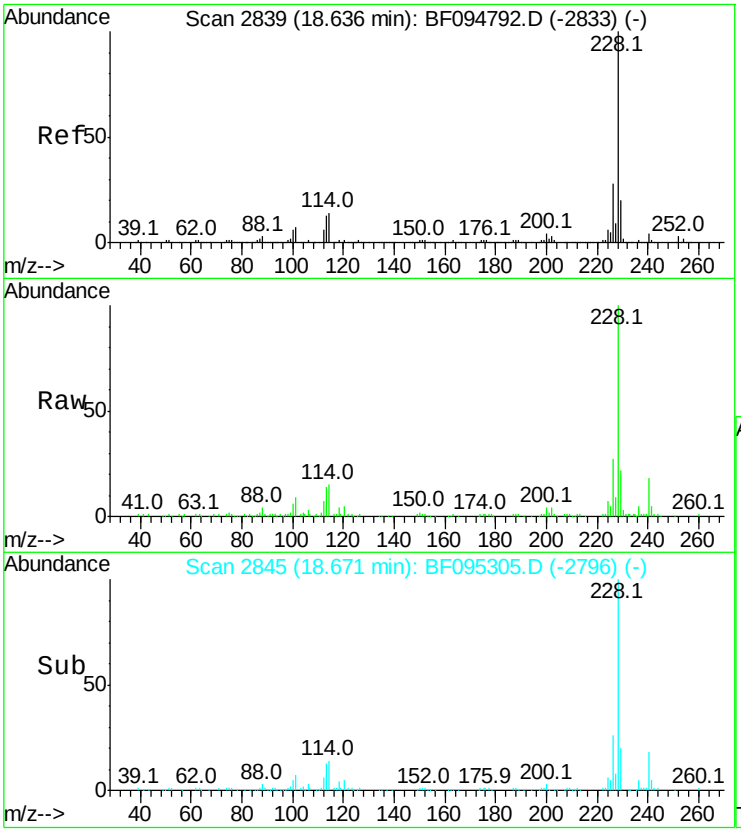


#78
Terphenyl-d14
Concen: 4.27 ng
RT: 17.34 min Scan# 2618
Delta R.T. -0.01 min
Lab File: BF095305.D
Acq: 20 May 2017 15:14

Tgt Ion:244 Resp: 35074

Ion	Ratio	Lower	Upper
244	100		
212	6.3	6.0	9.0
122	13.8	10.3	15.5



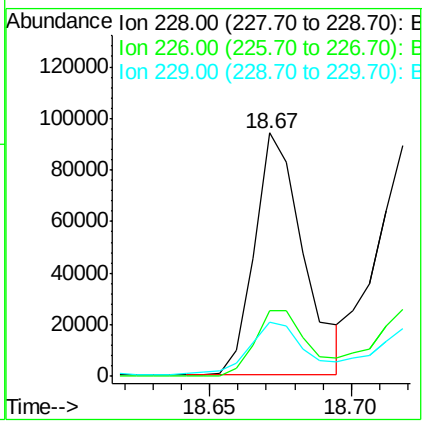


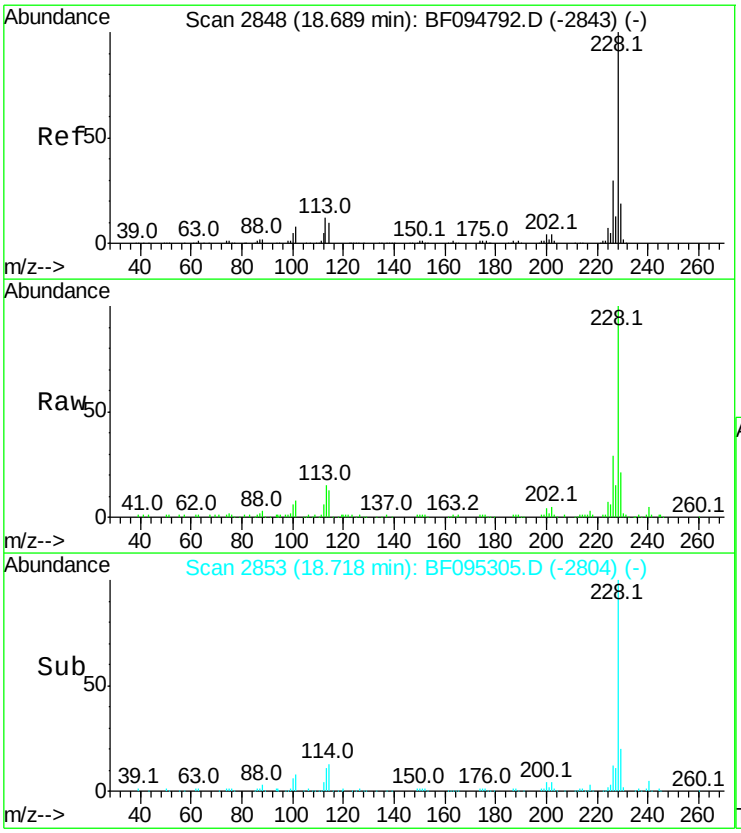
#80
Benzo(a)anthracene
Concen: 10.71 ng
RT: 18.67 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BF095305.D
Acq: 20 May 2017 15:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 112812

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	22.4	16.3	24.5

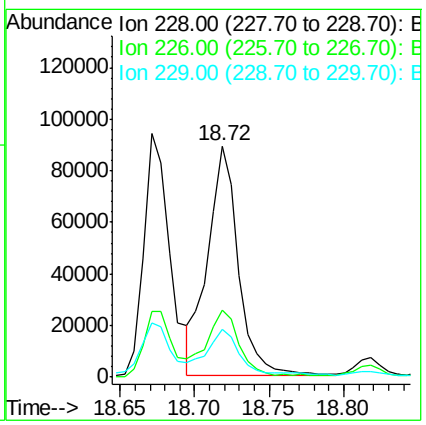


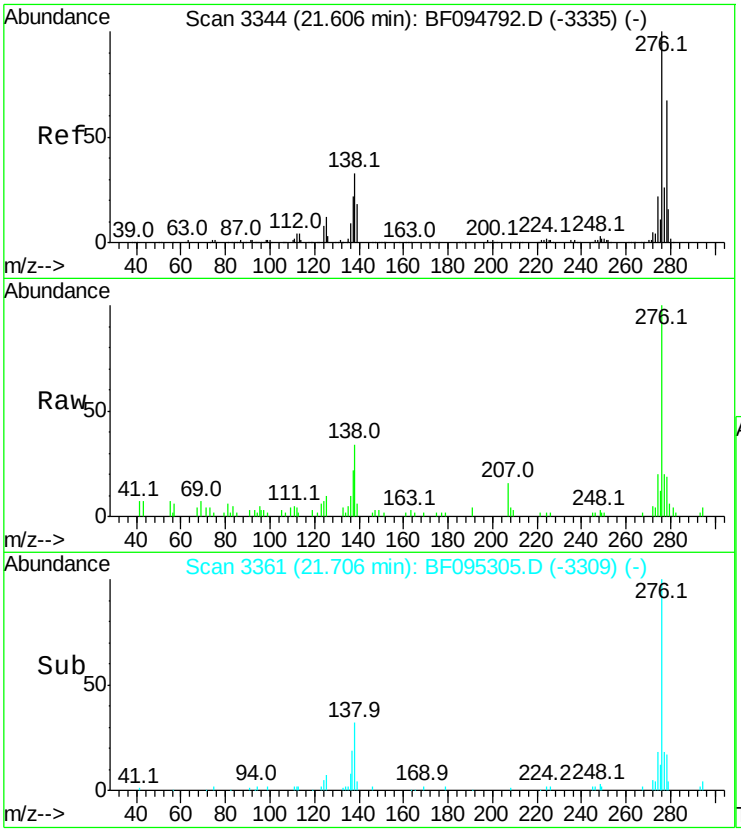


#82
Chrysene
Concen: 12.64 ng
RT: 18.72 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BF095305.D
Acq: 20 May 2017 15:14

Tgt Ion:228 Resp: 128732

Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.9	37.3
229	20.8	15.8	23.6



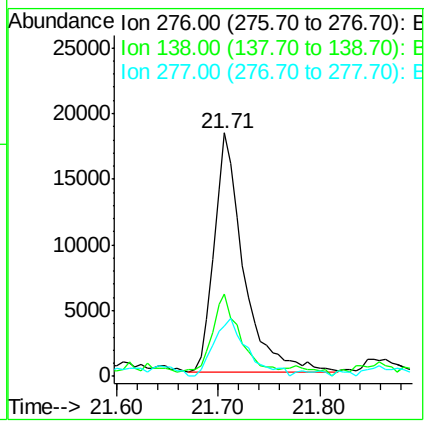


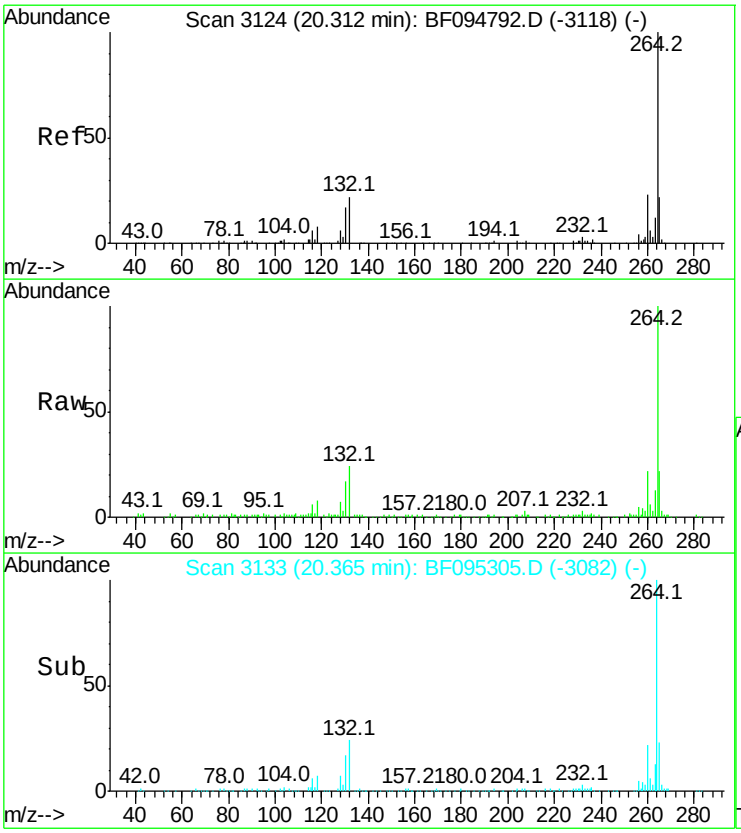
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.37 ng
RT: 21.71 min Scan# 3361
Delta R.T. 0.01 min
Lab File: BF095305.D
Acq: 20 May 2017 15:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 36136

Ion	Ratio	Lower	Upper
276	100		
138	32.2	27.8	41.6
277	27.4	20.2	30.4

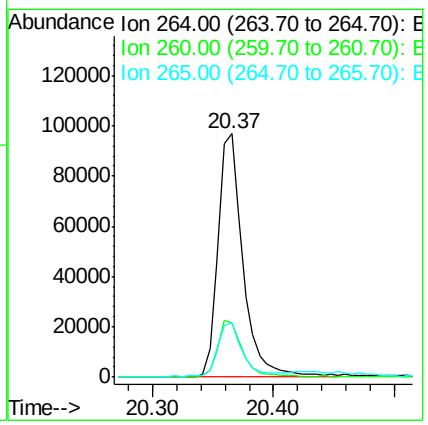


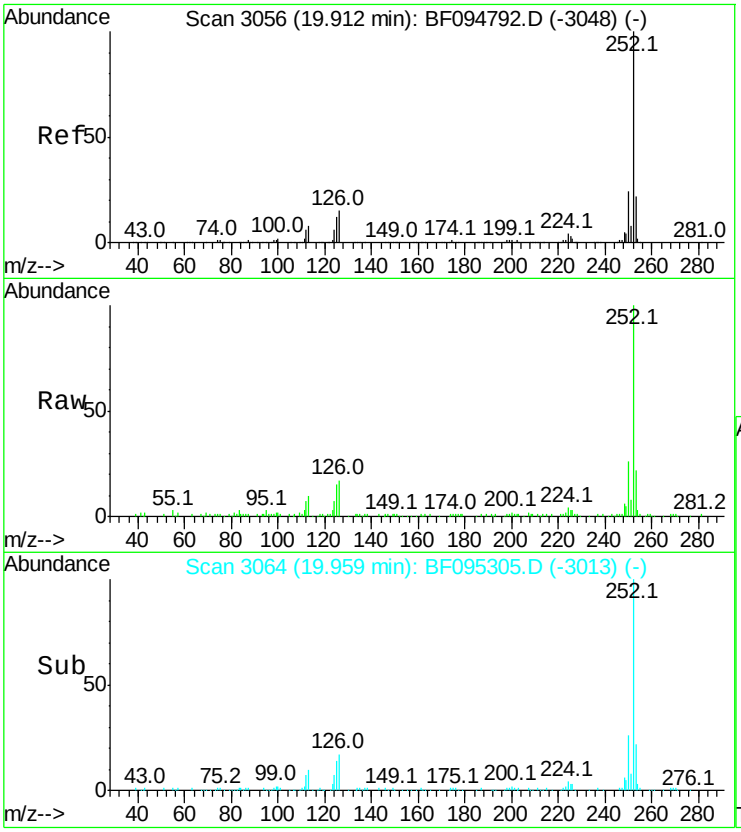


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.37 min Scan# 3133
Delta R.T. 0.00 min
Lab File: BF095305.D
Acq: 20 May 2017 15:14

Tgt Ion:264 Resp: 137833

Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.5	29.3
265	22.4	17.2	25.8



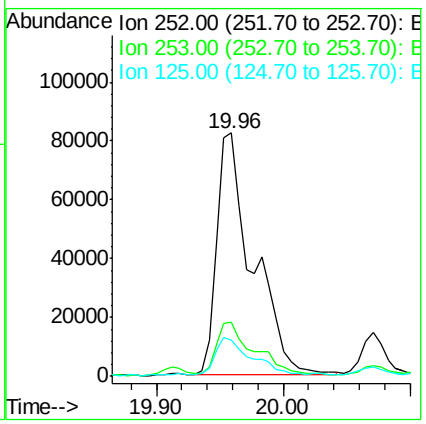


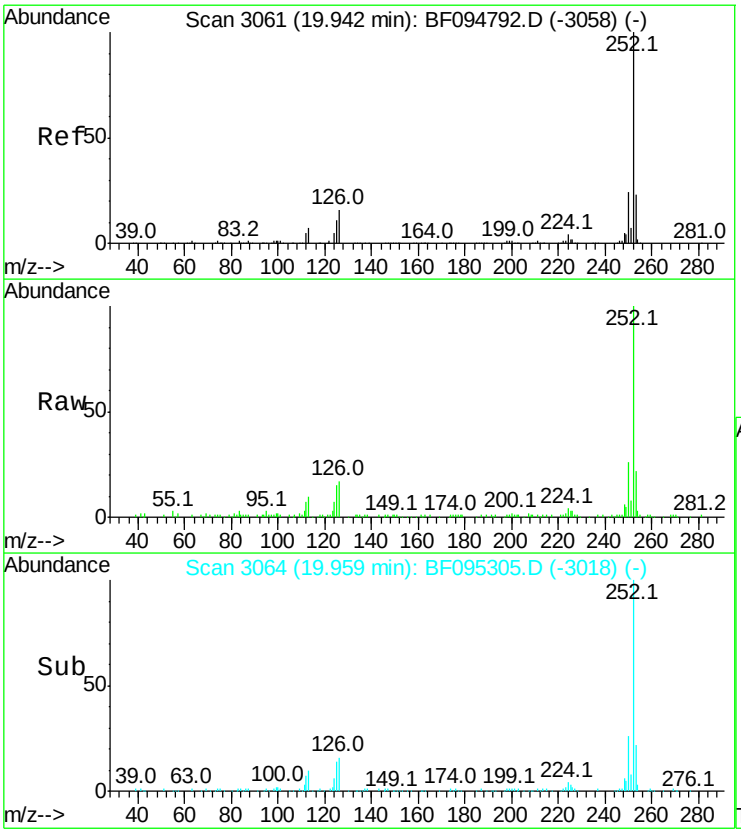
#87
Benzo(b)fluoranthene
Concen: 19.06 ng
RT: 19.96 min Scan# 3064
Delta R.T. 0.00 min
Lab File: BF095305.D
Acq: 20 May 2017 15:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 162336

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	14.8	9.8	14.8#

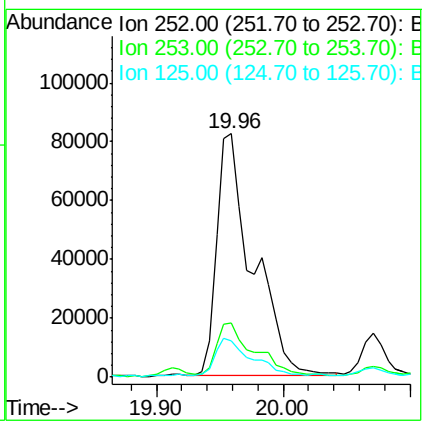


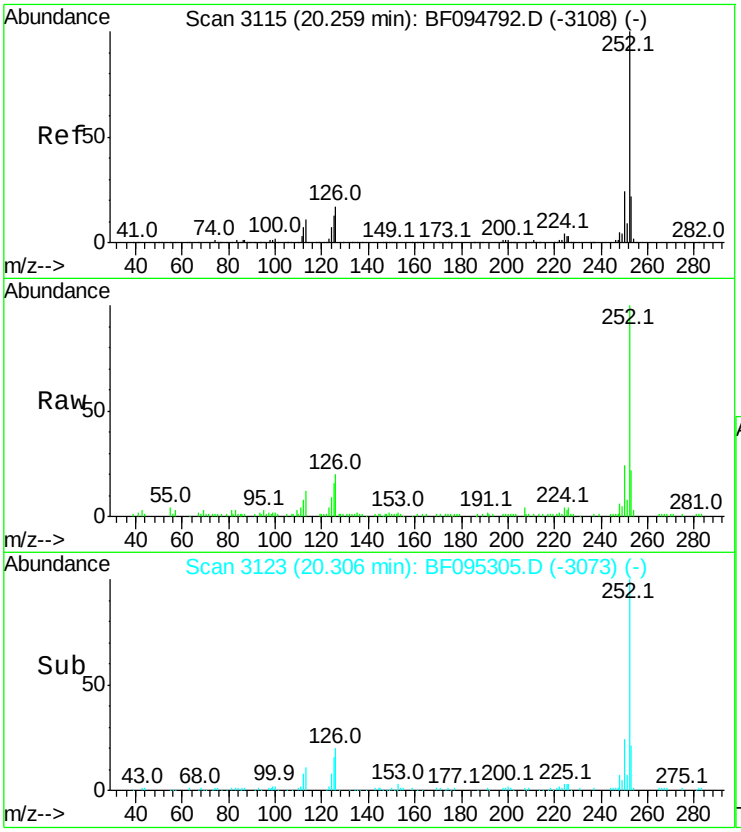


#88
Benzo(k)fluoranthene
Concen: 19.76 ng
RT: 19.96 min Scan# 3064
Delta R.T. -0.03 min
Lab File: BF095305.D
Acq: 20 May 2017 15:14

Tgt Ion:252 Resp: 162336

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	14.8	13.1	19.7



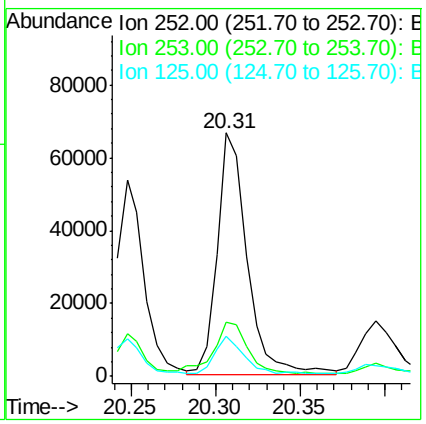


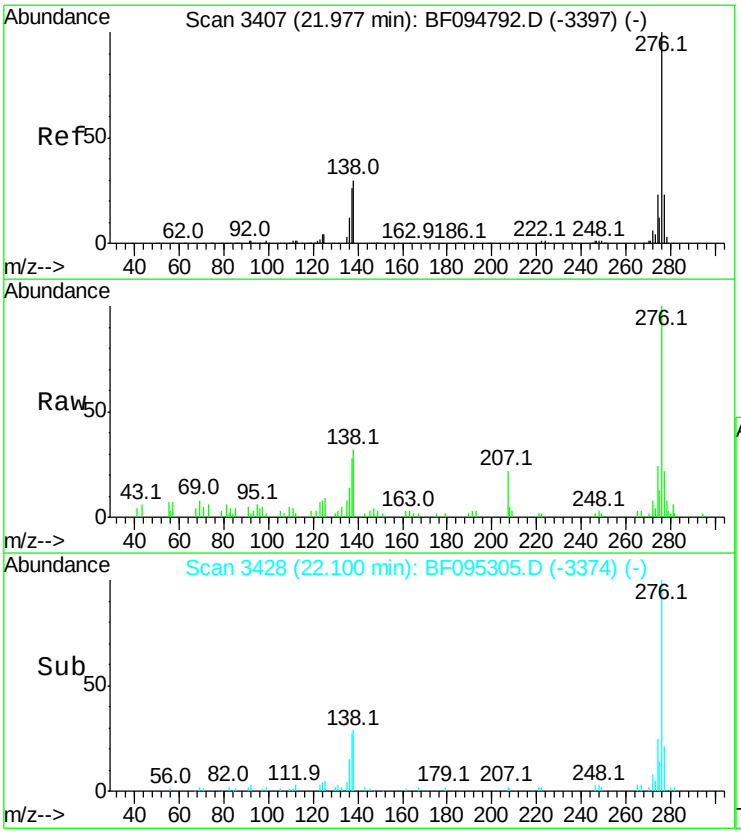
#89
Benzo(a)pyrene
Concen: 10.43 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF095305.D
Acq: 20 May 2017 15:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 81960

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	16.4	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 6.30 ng
RT: 22.10 min Scan# 3428
Delta R.T. 0.02 min
Lab File: BF095305.D
Acq: 20 May 2017 15:14

Tgt Ion:276 Resp: 40098

Ion	Ratio	Lower	Upper
276	100		
277	22.3	18.6	28.0
138	31.9	25.4	38.0