Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
Data File : BF095512.D
Acq On : 27 May 2017 23:25
Operator : SJ/MA
Sample : I3244-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 29 01:17:38 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 16:50:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	96637	20.00	ng		0.00
21) Naphthalene-d8	9.77	136	389196	20.00	ng		0.01
38) Acenaphthene-d10	12.60	164	177481	20.00	ng		0.00
63) Phenanthrene-d10	15.01	188	279907	20.00	ng		0.00
75) Chrysene-d12	18.68	240	178790	20.00	ng		0.00
86) Perylene-d12	20.35	264	196612	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	518898	89.52	ng		0.00
7) Phenol-d6	7.28	99	658958	94.75	ng		-0.01
23) Nitrobenzene-d5	8.65	82	342087	55.43	ng		0.00
41) 2,4,6-Tribromophenol	13.90	330	121470	83.57	ng		0.00
44) 2-Fluorobiphenyl	11.54	172	686996	55.71	ng		0.00
78) Terphenyl-d14	17.31	244	355983	43.85	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	8.65	70	39253	8.35	ng	#	75
49) Dimethylphthalate	12.25	163	94799	6.51	ng		97
70) Phenanthrene	15.05	178	44401	2.76	ng		97
74) Fluoranthene	16.79	202	86356	5.23	ng		99
77) Pyrene	17.09	202	82774	6.19	ng		96
80) Benzo(a)anthracene	18.67	228	35816	3.44	ng		98
82) Chrysene	18.67	228	35816	3.56	ng		97
85) Indeno(1,2,3-cd)pyrene	21.72	276	24660	3.02	ng	#	86
87) Benzo(b)fluoranthene	19.95	252	85807	7.06	ng	#	96
88) Benzo(k)fluoranthene	19.95	252	85807	7.32	ng		98
89) Benzo(a)pyrene	20.30	252	45142	4.03	ng	#	91
91) Benzo(g,h,i)perylene	22.11	276	27331	3.01	ng	#	87

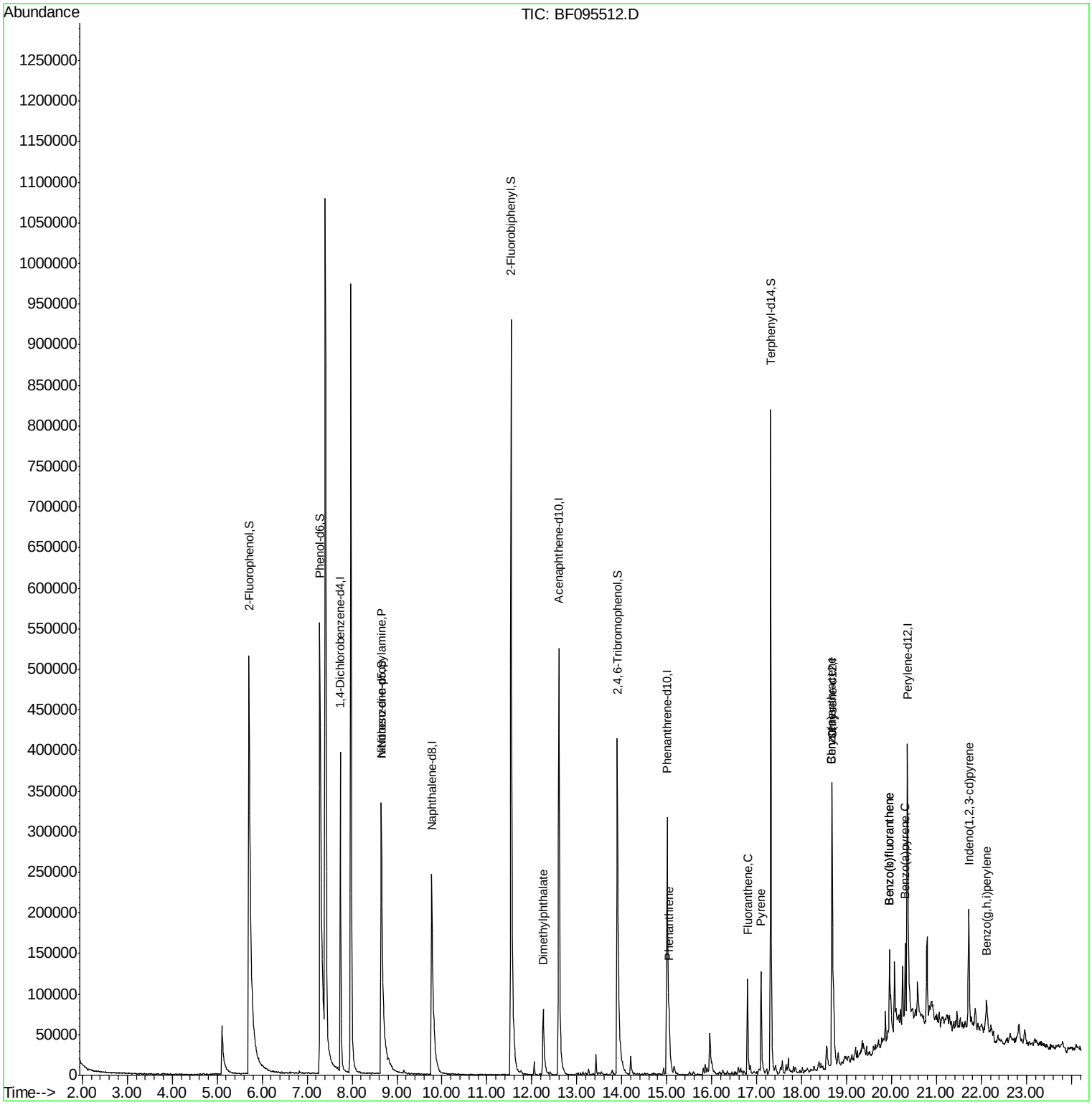
(#) = qualifier out of range (m) = manual integration (+) = signals summed

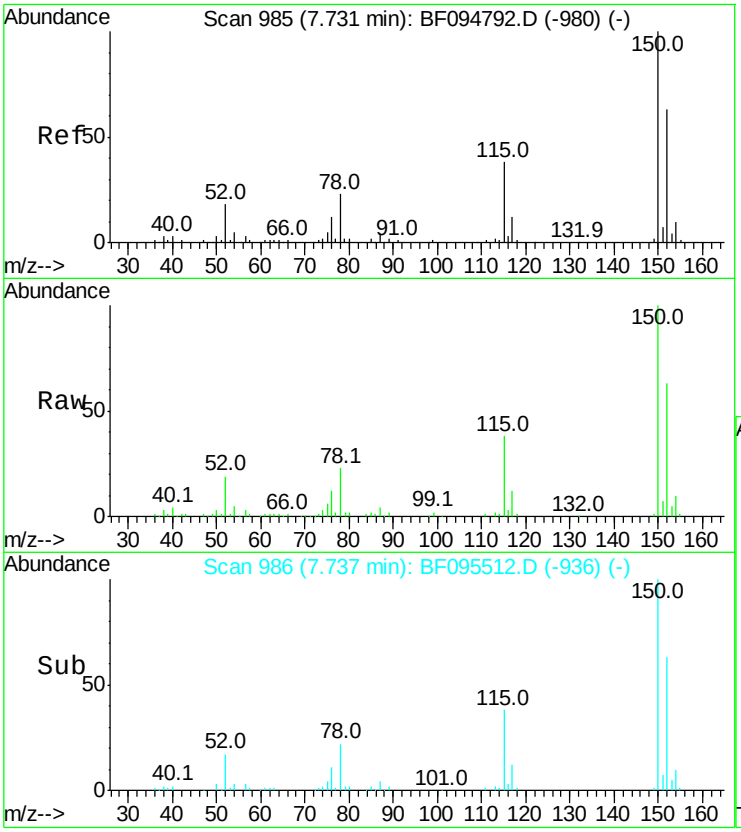
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
Data File : BF095512.D
Acq On : 27 May 2017 23:25
Operator : SJ/MA
Sample : I3244-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 29 01:17:38 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 16:50:16 2017
Response via : Initial Calibration



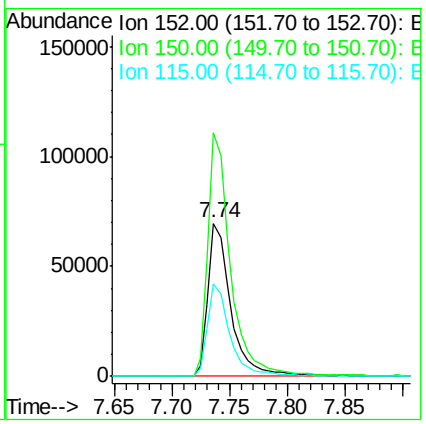


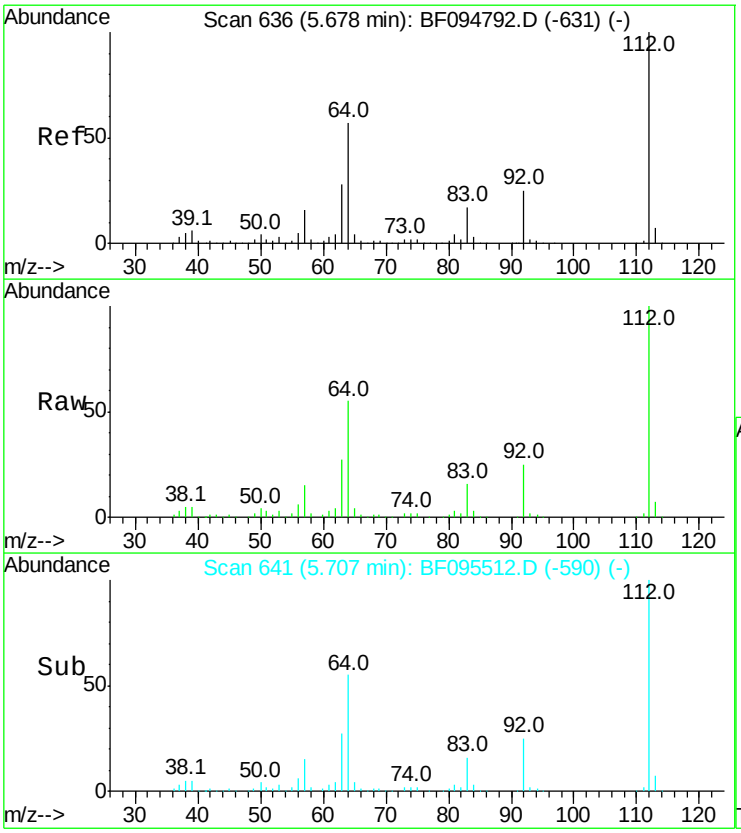
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF095512.D
Acq: 27 May 2017 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 96637

Ion	Ratio	Lower	Upper
152	100		
150	159.3	126.2	189.2
115	60.4	52.2	78.2

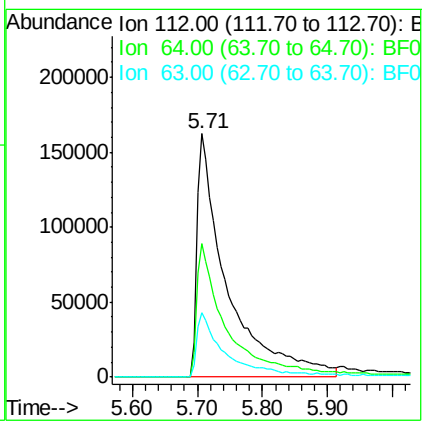


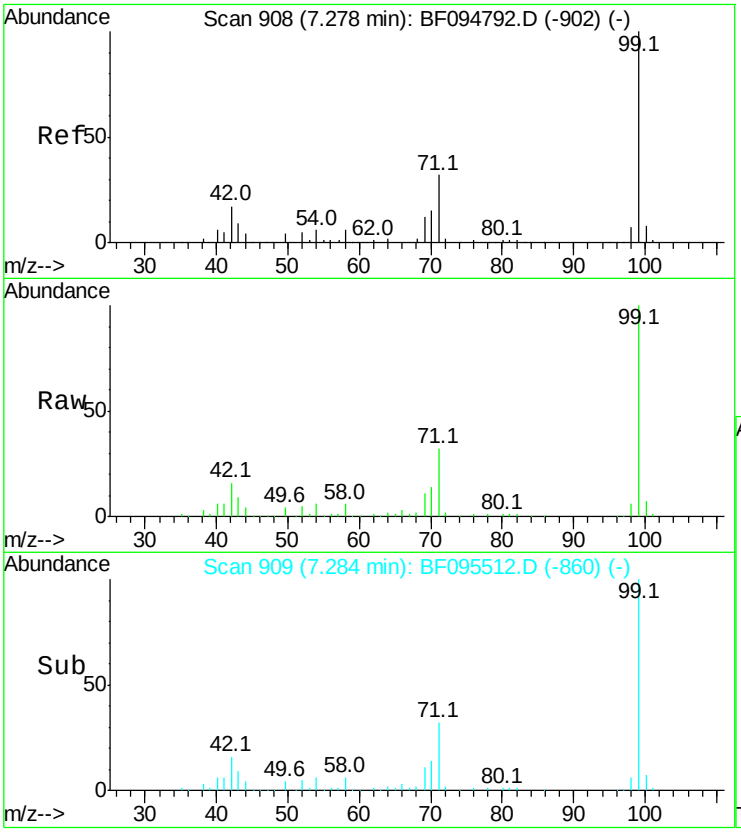


#5
2-Fluorophenol
Concen: 89.52 ng
RT: 5.71 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF095512.D
Acq: 27 May 2017 23:25

Tgt Ion:112 Resp: 518898

Ion	Ratio	Lower	Upper
112	100		
64	54.6	46.0	69.0
63	26.5	23.4	35.0



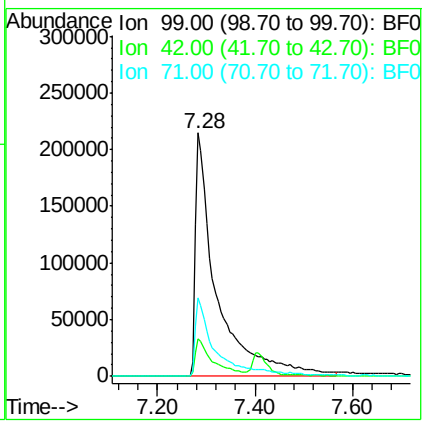


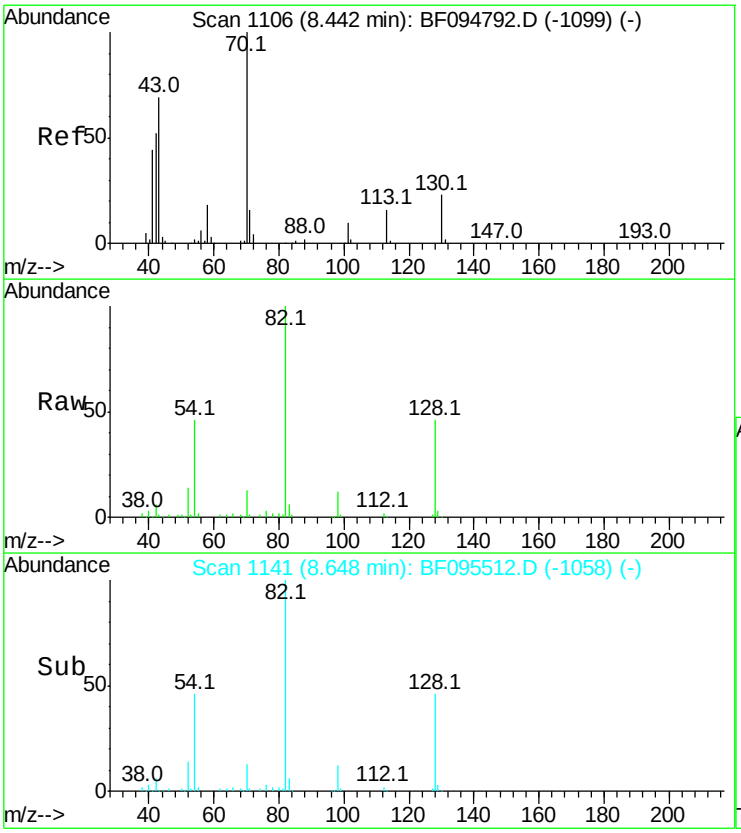
#7
Phenol-d6
Concen: 94.75 ng
RT: 7.28 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF095512.D
Acq: 27 May 2017 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 658958

Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.5	20.3
71	32.2	24.5	36.7

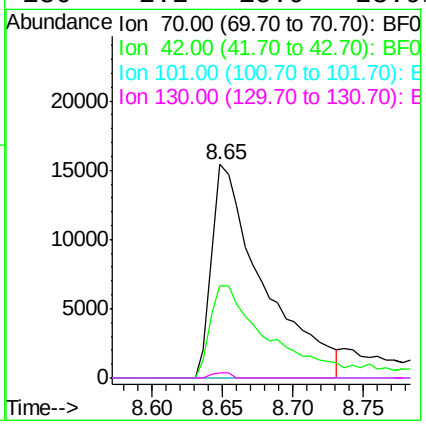


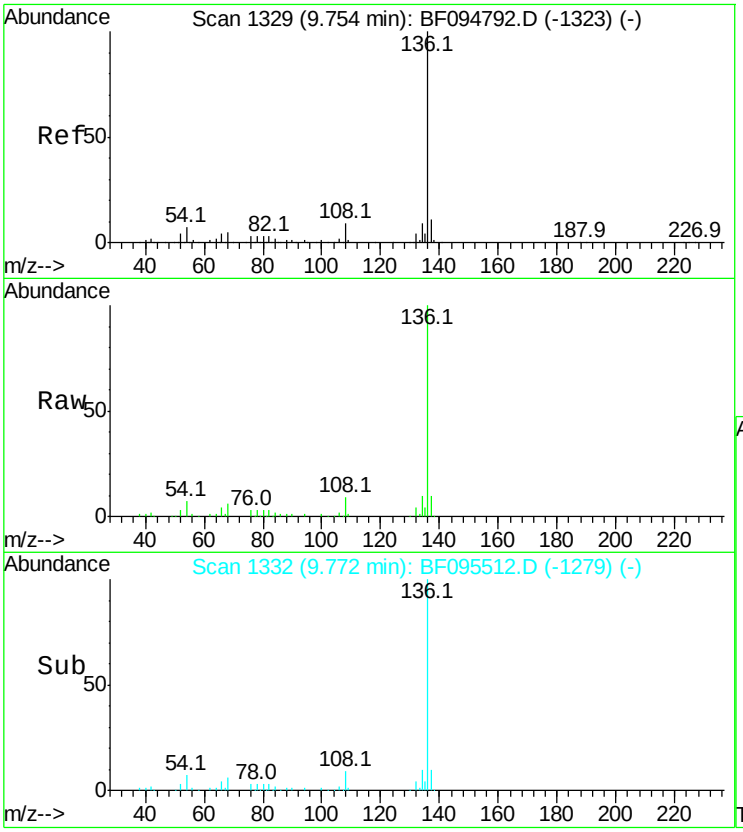


#19
n-Nitroso-di-n-propylamine
Concen: 8.35 ng
RT: 8.65 min Scan# 1141
Delta R.T. 0.19 min
Lab File: BF095512.D
Acq: 27 May 2017 23:25

Tgt Ion: 70 Resp: 39253

Ion	Ratio	Lower	Upper
70	100		
42	43.1	47.2	70.8#
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#



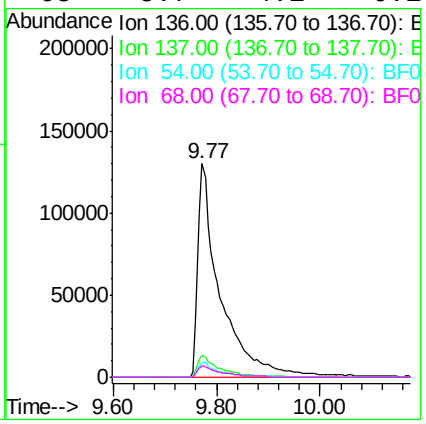


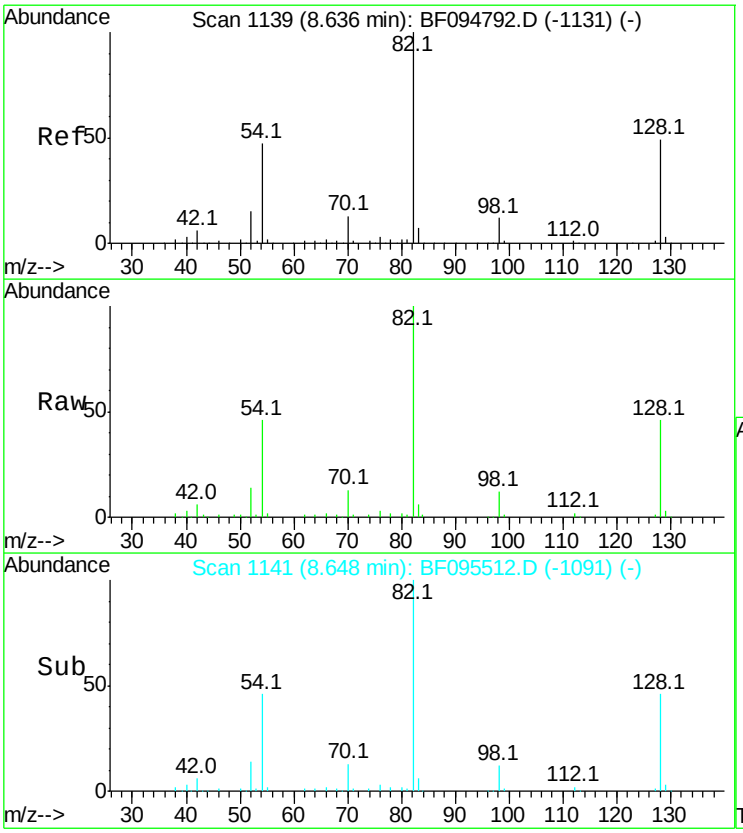
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.77 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF095512.D
Acq: 27 May 2017 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 389196

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	6.9	4.9	7.3
68	5.7	4.1	6.1

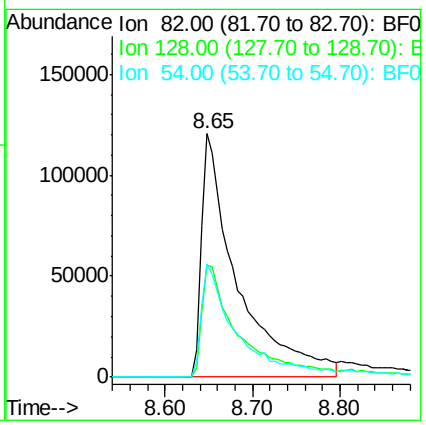


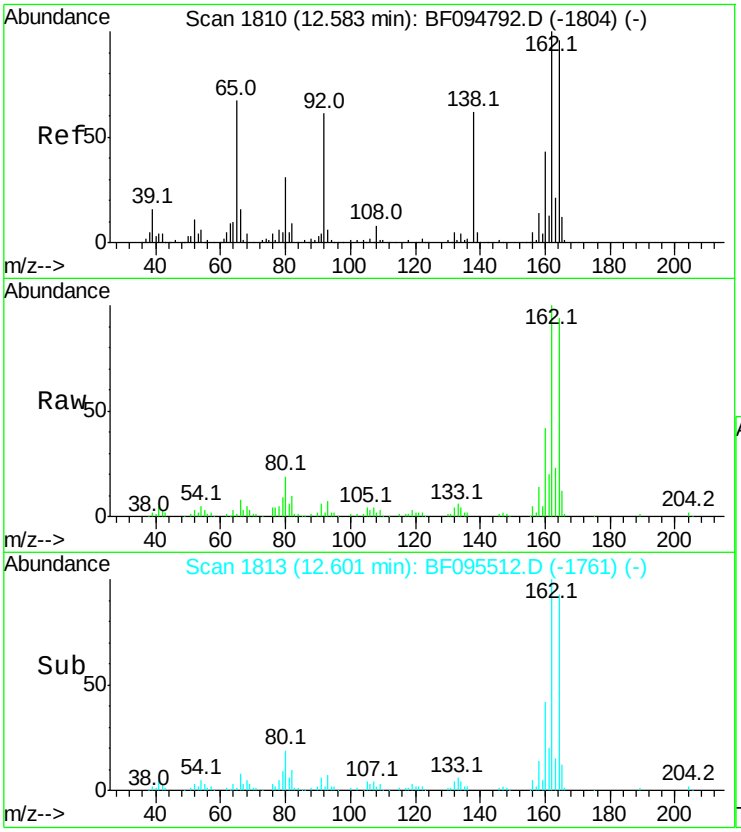


#23
Nitrobenzene-d5
Concen: 55.43 ng
RT: 8.65 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF095512.D
Acq: 27 May 2017 23:25

Tgt Ion: 82 Resp: 342087

Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.0	51.0
54	46.2	42.2	63.2



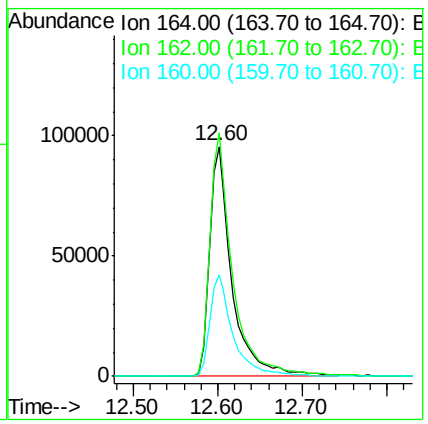


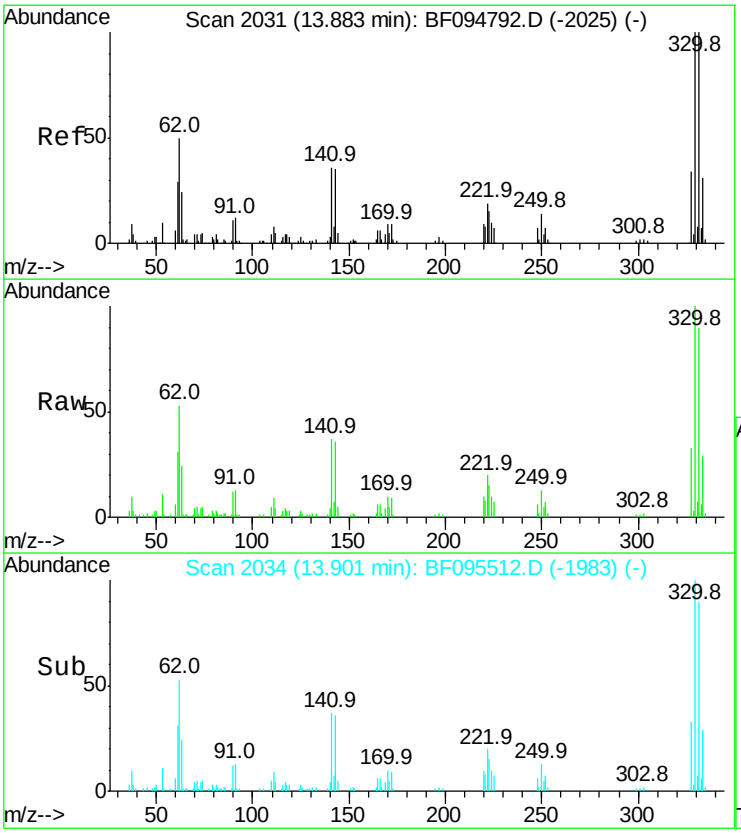
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.60 min Scan# 1813
Delta R.T. 0.01 min
Lab File: BF095512.D
Acq: 27 May 2017 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 177481

Ion	Ratio	Lower	Upper
164	100		
162	106.0	82.6	123.8
160	44.2	36.2	54.2

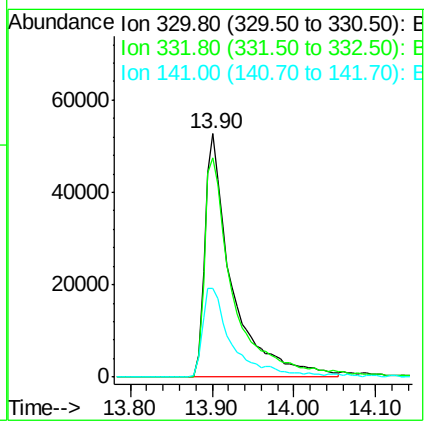


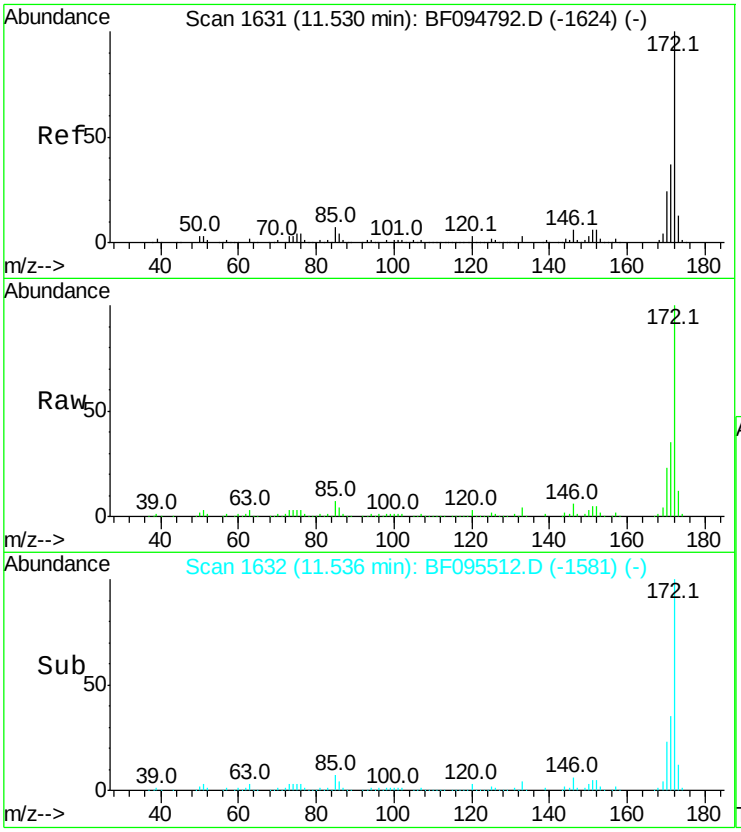


#41
2,4,6-Tribromophenol
Concen: 83.57 ng
RT: 13.90 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BF095512.D
Acq: 27 May 2017 23:25

Tgt Ion:330 Resp: 121470

Ion	Ratio	Lower	Upper
330	100		
332	94.1	76.6	115.0
141	39.8	31.4	47.2



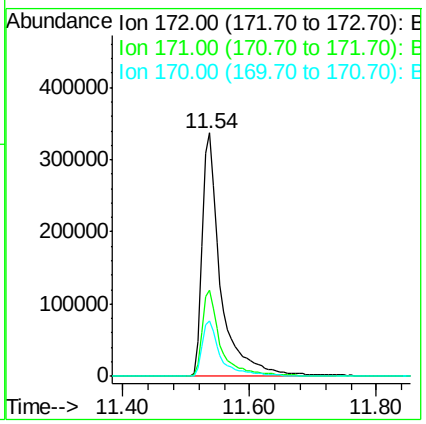


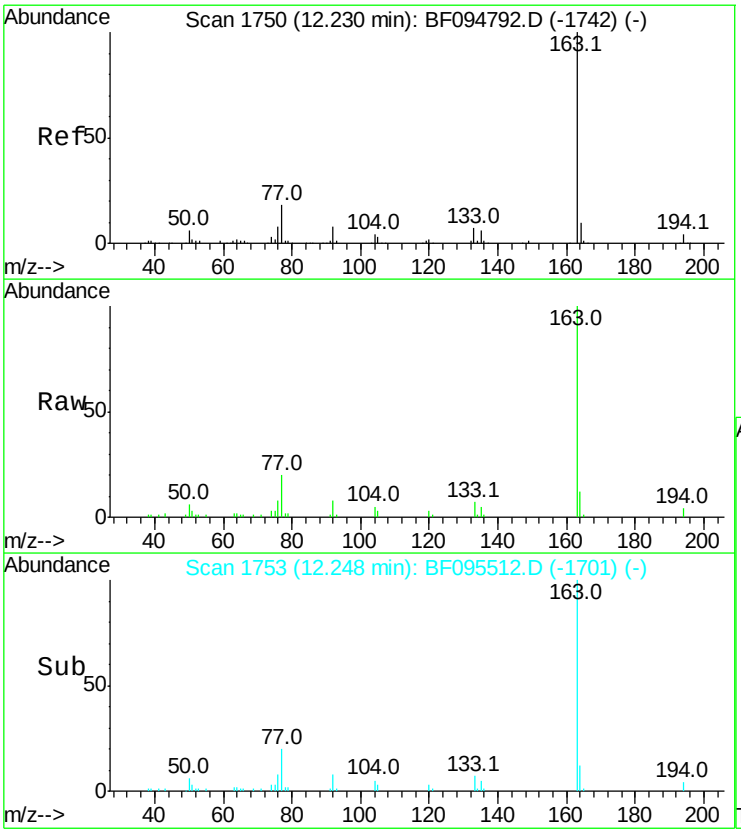
#44
2-Fluorobiphenyl
Concen: 55.71 ng
RT: 11.54 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BF095512.D
Acq: 27 May 2017 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 686996

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	22.8	19.8	29.8

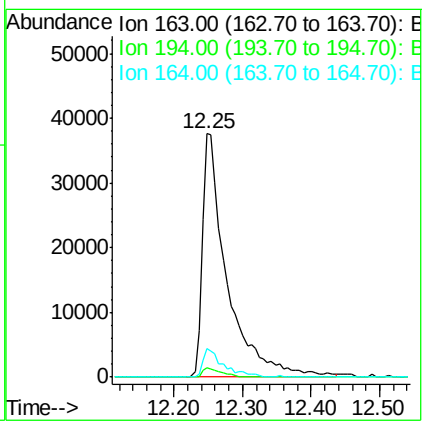


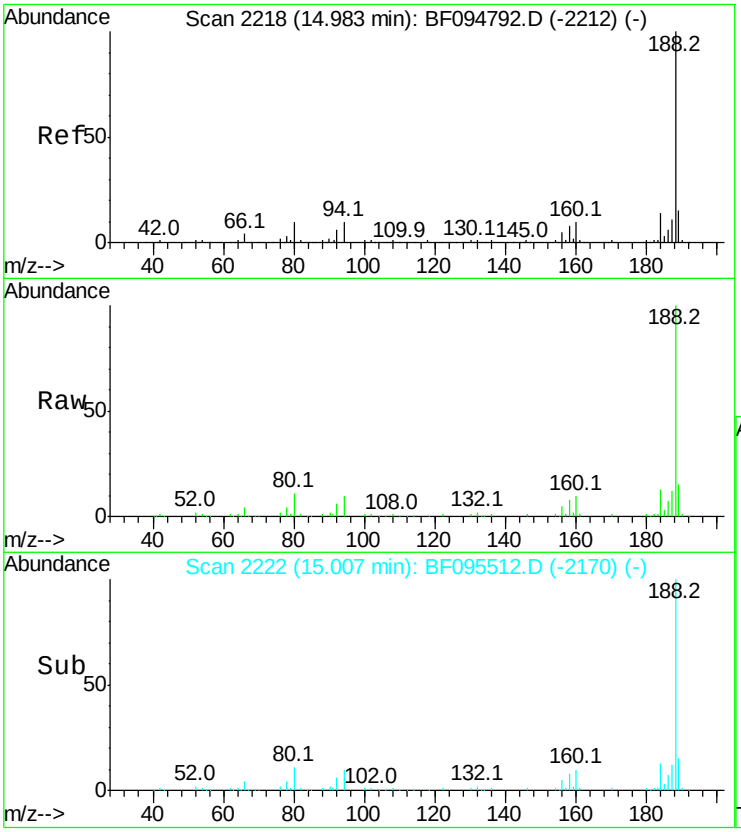


#49
Dimethylphthalate
Concen: 6.51 ng
RT: 12.25 min Scan# 1753
Delta R.T. 0.01 min
Lab File: BF095512.D
Acq: 27 May 2017 23:25

Tgt Ion:163 Resp: 94799

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.6	4.0
164	11.9	8.4	12.6



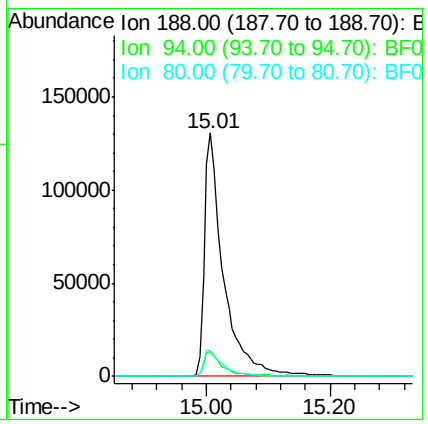


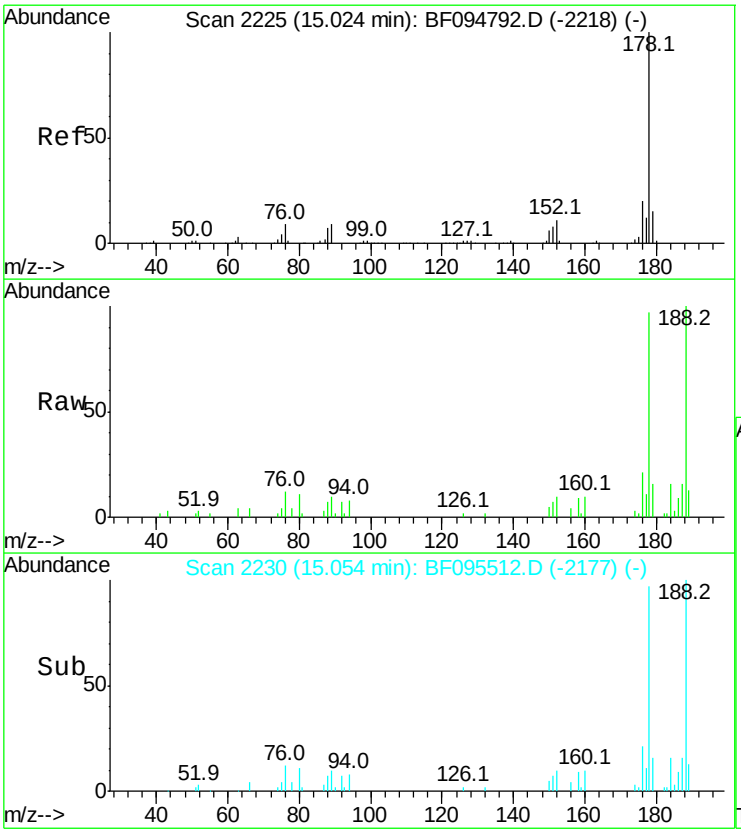
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 2222
Delta R.T. 0.01 min
Lab File: BF095512.D
Acq: 27 May 2017 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 279907

Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.4	14.2
80	10.8	10.2	15.2

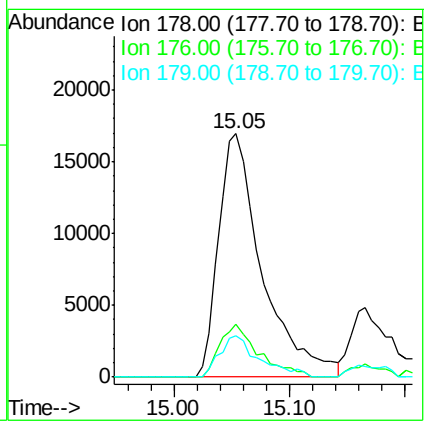


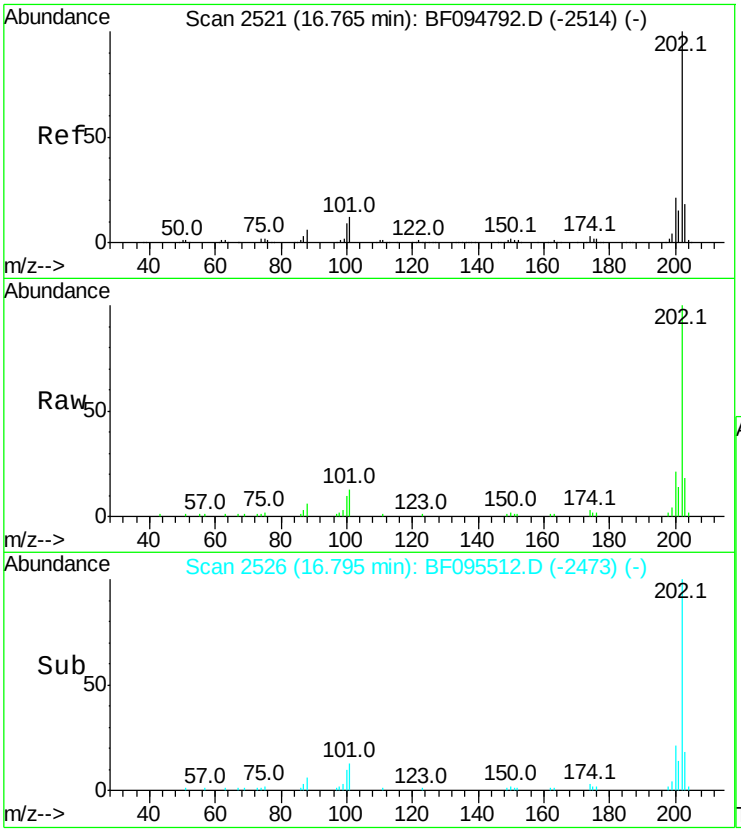


#70
Phenanthrene
Concen: 2.76 ng
RT: 15.05 min Scan# 2230
Delta R.T. 0.01 min
Lab File: BF095512.D
Acq: 27 May 2017 23:25

Tgt Ion:178 Resp: 44401

Ion	Ratio	Lower	Upper
178	100		
176	21.6	16.2	24.4
179	16.8	12.6	19.0



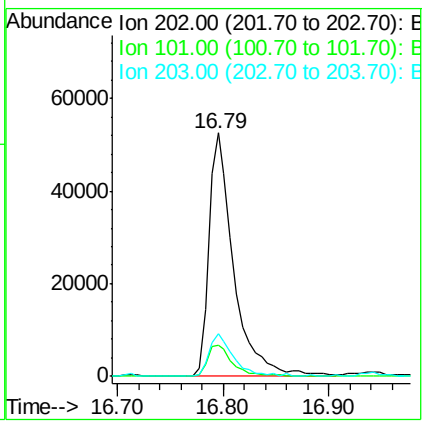


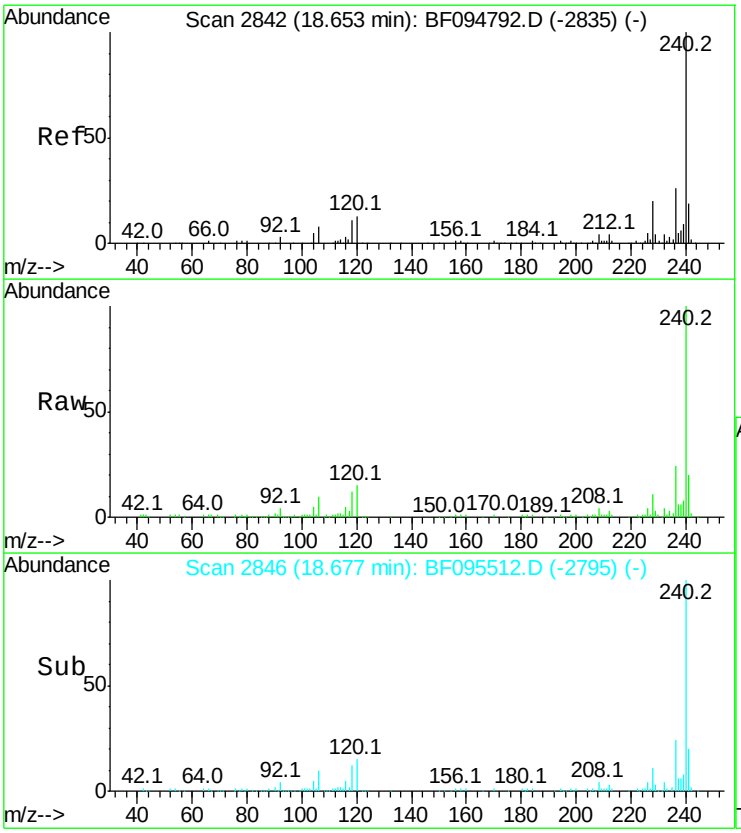
#74
Fluoranthene
Concen: 5.23 ng
RT: 16.79 min Scan# 2526
Delta R.T. 0.01 min
Lab File: BF095512.D
Acq: 27 May 2017 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 86356

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	33.2
203	17.6	0.0	38.1

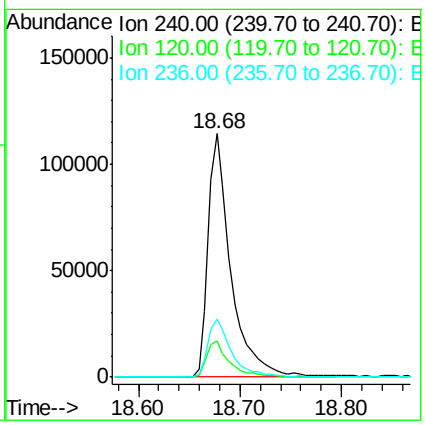


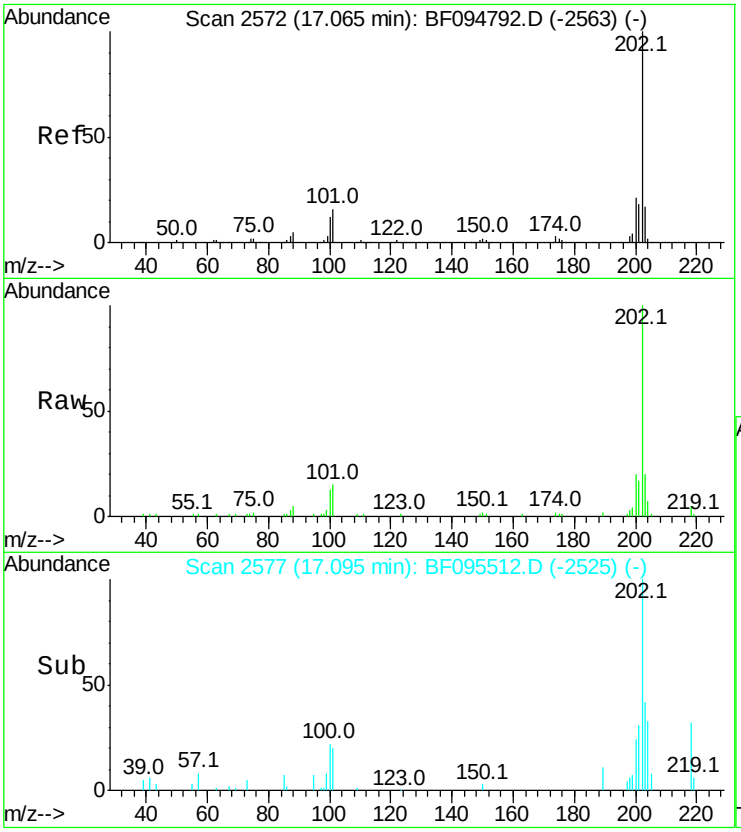


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.68 min Scan# 2846
Delta R.T. 0.00 min
Lab File: BF095512.D
Acq: 27 May 2017 23:25

Tgt Ion:240 Resp: 178790

Ion	Ratio	Lower	Upper
240	100		
120	15.0	5.8	8.8#
236	24.1	20.5	30.7



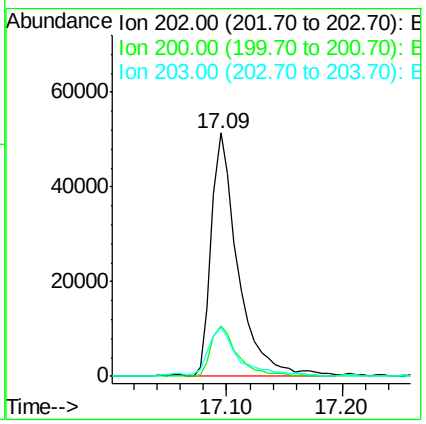


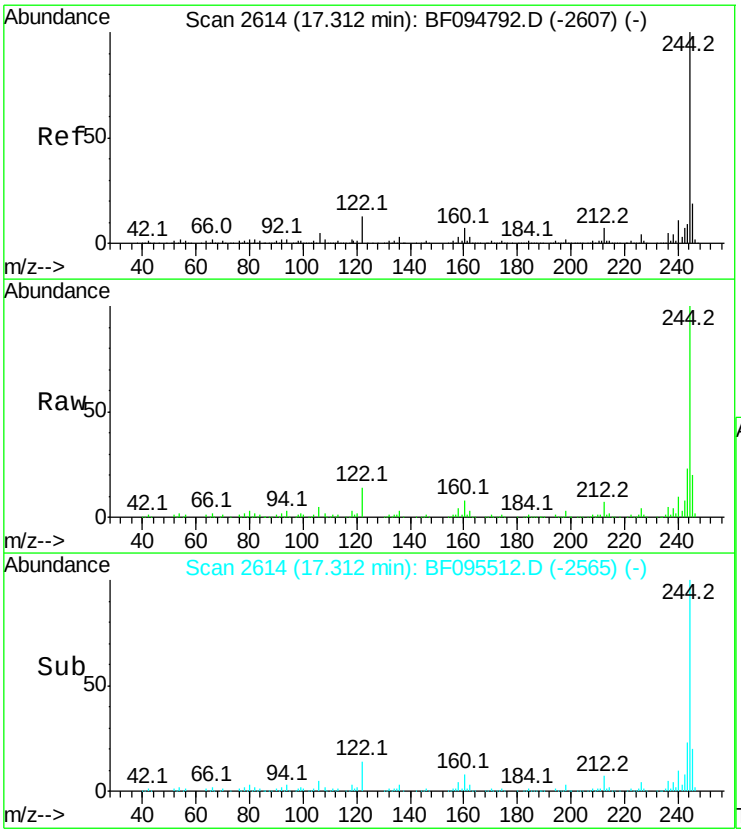
#77
Pyrene
Concen: 6.19 ng
RT: 17.09 min Scan# 2577
Delta R.T. 0.01 min
Lab File: BF095512.D
Acq: 27 May 2017 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 82774

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.6	26.4
203	20.3	14.4	21.6

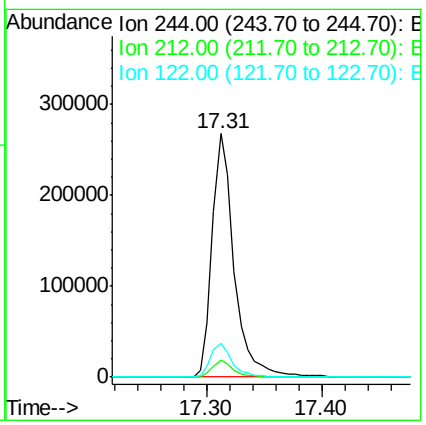


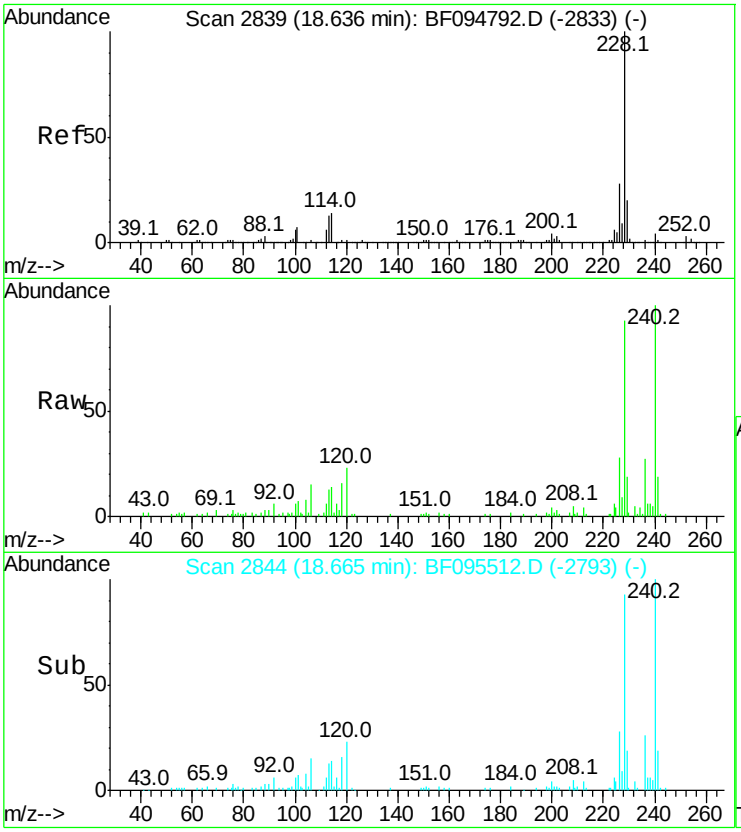


#78
Terphenyl-d14
Concen: 43.85 ng
RT: 17.31 min Scan# 2614
Delta R.T. -0.01 min
Lab File: BF095512.D
Acq: 27 May 2017 23:25

Tgt Ion:244 Resp: 355983

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	13.9	10.3	15.5



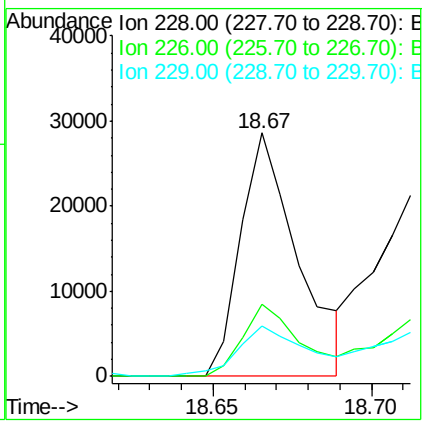


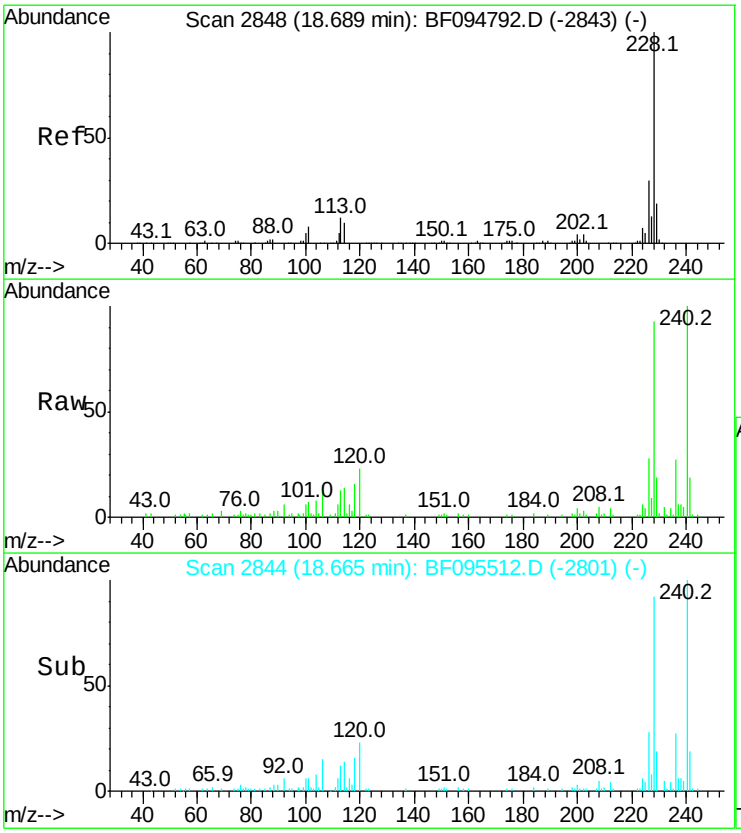
#80
Benzo(a)anthracene
Concen: 3.44 ng
RT: 18.67 min Scan# 2844
Delta R.T. 0.00 min
Lab File: BF095512.D
Acq: 27 May 2017 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 35816

Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.6	33.8
229	20.8	16.3	24.5

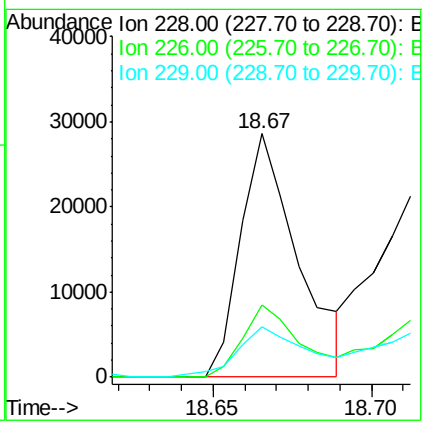


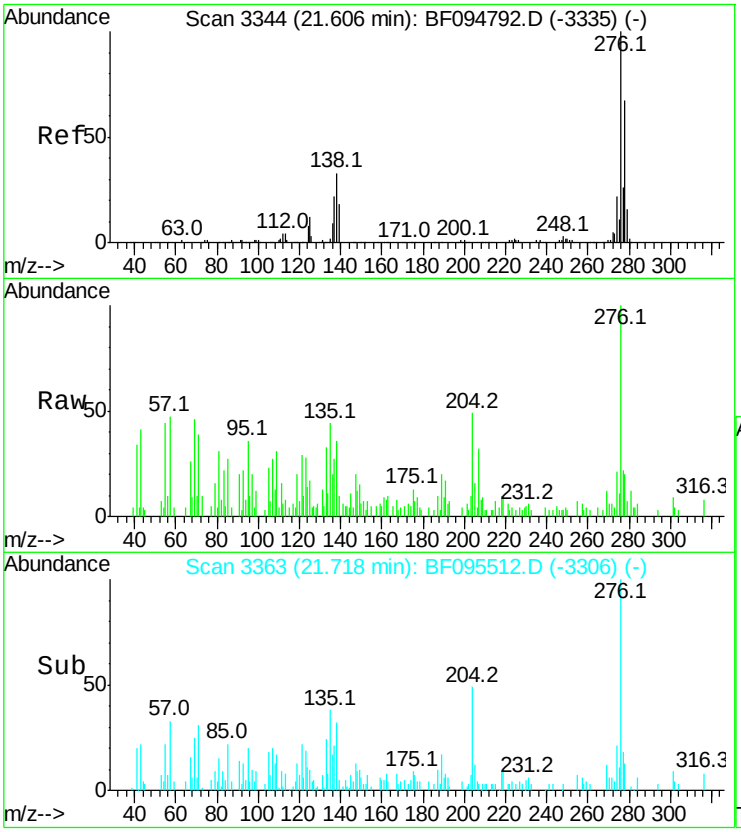


#82
Chrysene
Concen: 3.56 ng
RT: 18.67 min Scan# 2844
Delta R.T. -0.05 min
Lab File: BF095512.D
Acq: 27 May 2017 23:25

Tgt Ion:228 Resp: 35816

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.9	37.3
229	20.8	15.8	23.6



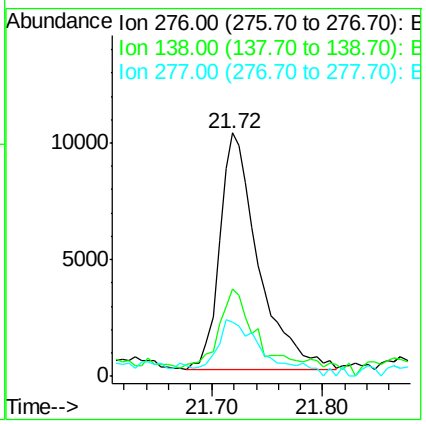


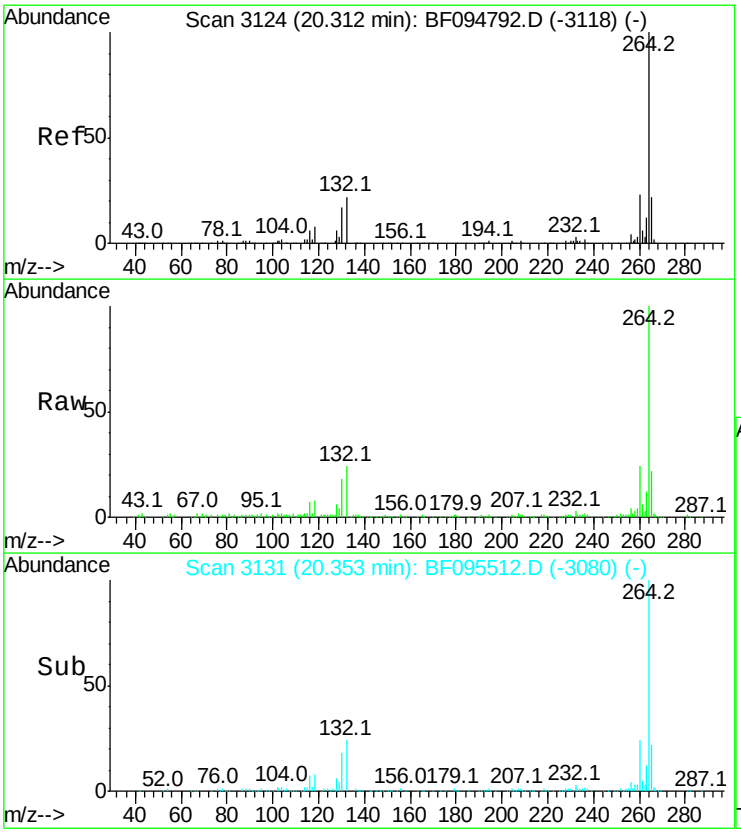
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.02 ng
RT: 21.72 min Scan# 3363
Delta R.T. 0.04 min
Lab File: BF095512.D
Acq: 27 May 2017 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 24660

Ion	Ratio	Lower	Upper
276	100		
138	45.7	27.8	41.6#
277	28.6	20.2	30.4

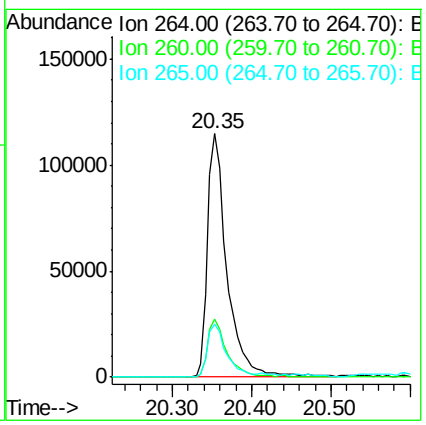


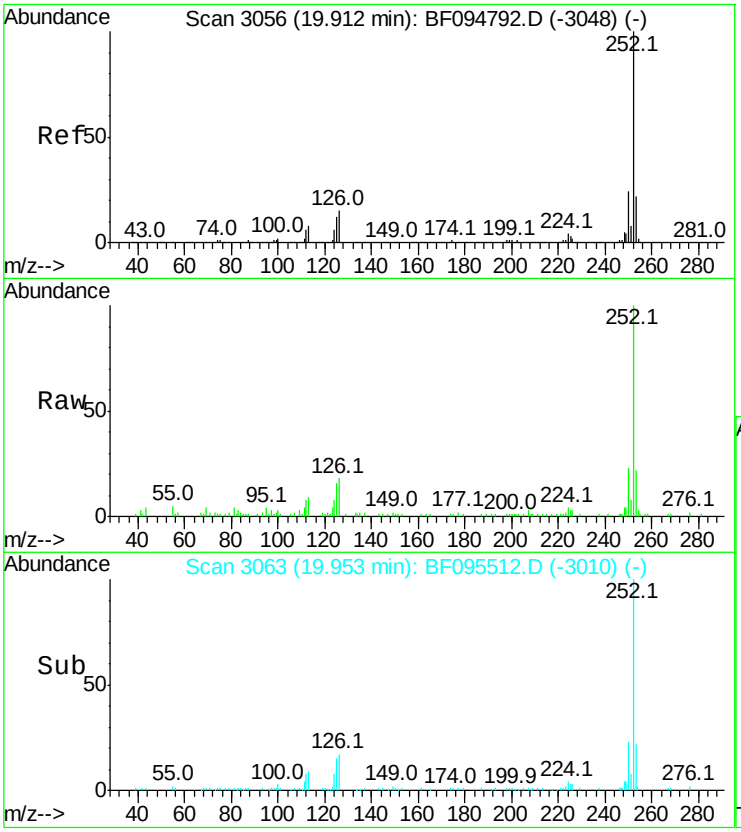


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.35 min Scan# 3131
Delta R.T. 0.00 min
Lab File: BF095512.D
Acq: 27 May 2017 23:25

Tgt Ion:264 Resp: 196612

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.5	17.2	25.8



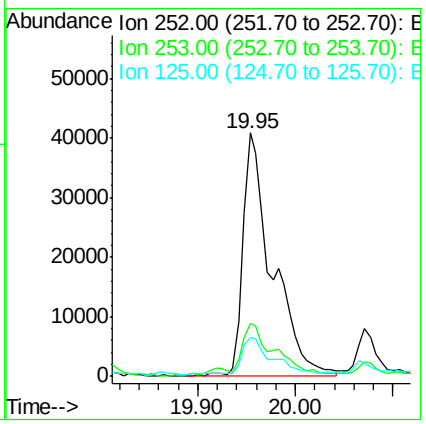


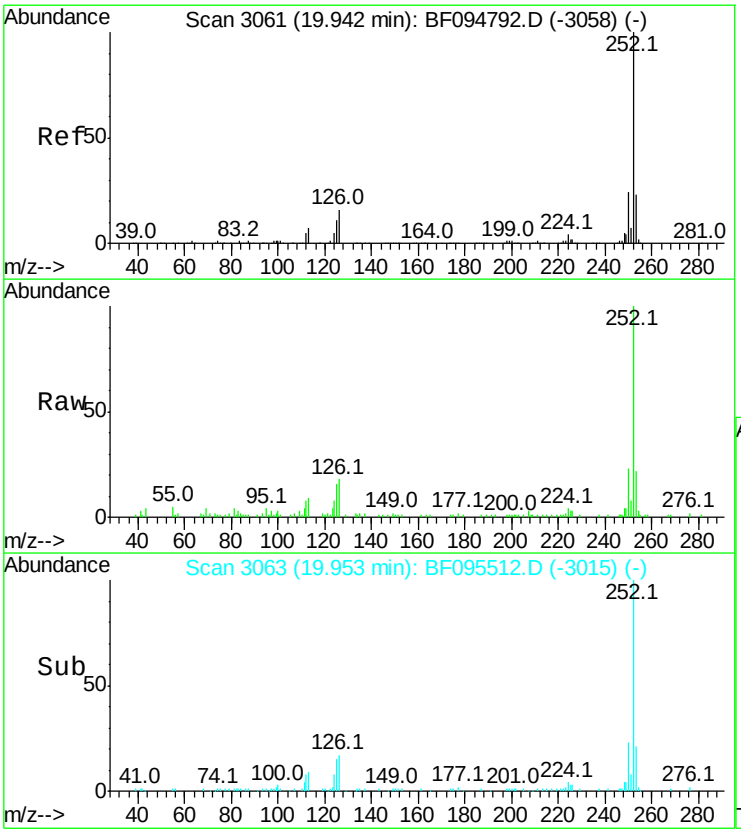
#87
Benzo(b)fluoranthene
Concen: 7.06 ng
RT: 19.95 min Scan# 3063
Delta R.T. 0.01 min
Lab File: BF095512.D
Acq: 27 May 2017 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 85807

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	15.7	9.8	14.8#

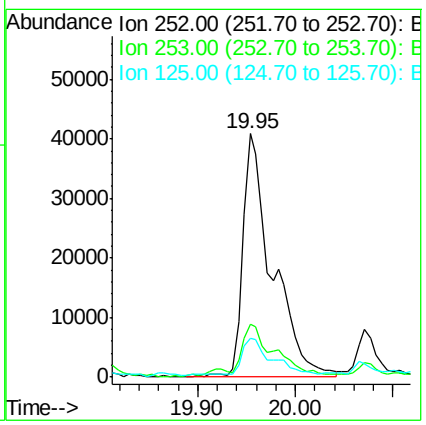


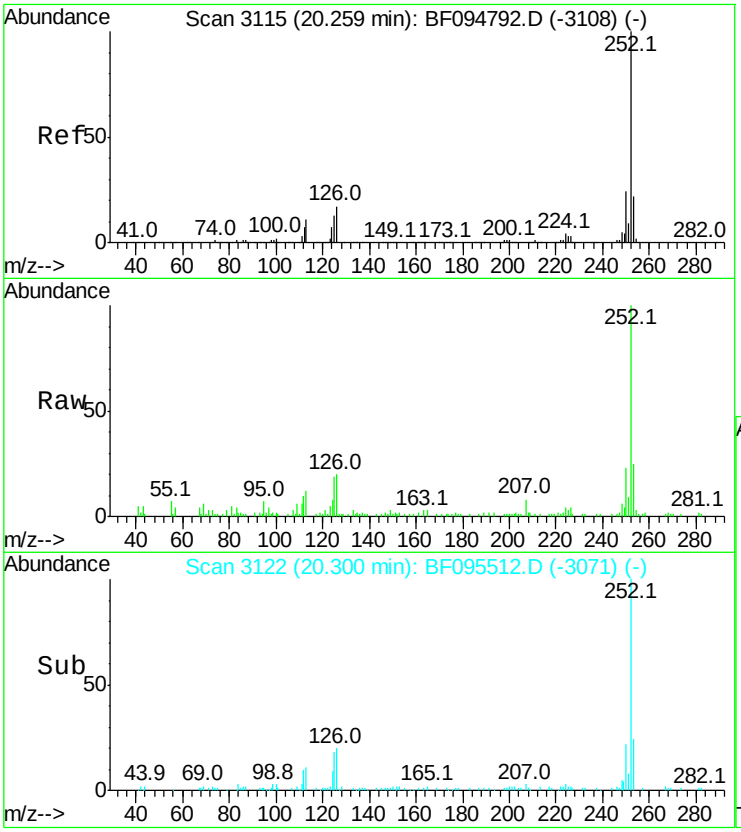


#88
Benzo(k)fluoranthene
Concen: 7.32 ng
RT: 19.95 min Scan# 3063
Delta R.T. -0.02 min
Lab File: BF095512.D
Acq: 27 May 2017 23:25

Tgt Ion:252 Resp: 85807

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.4	27.6
125	15.7	13.1	19.7



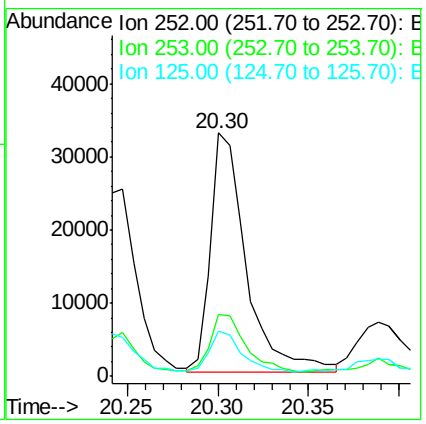


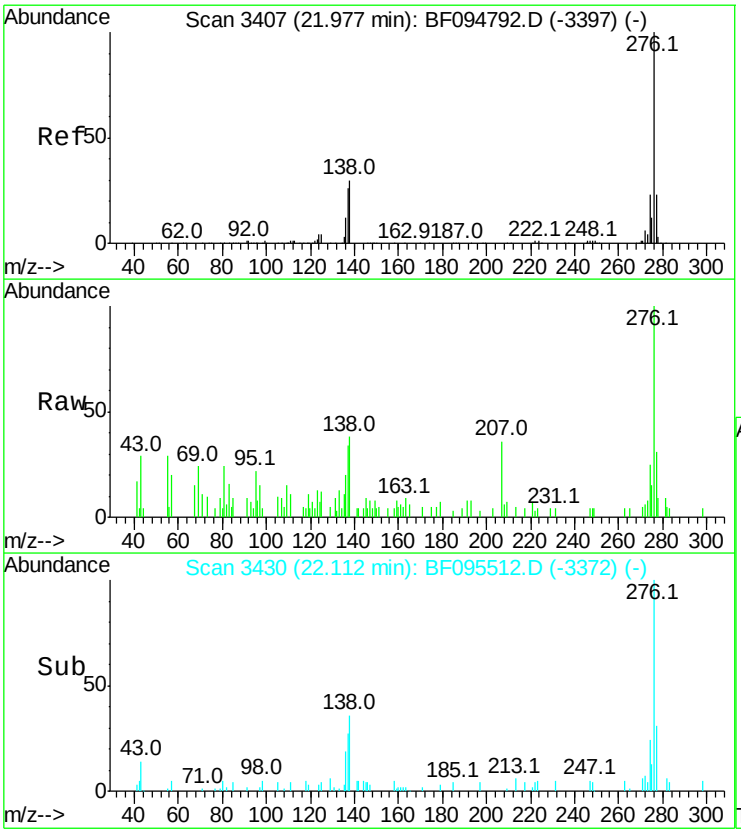
#89
Benzo(a)pyrene
Concen: 4.03 ng
RT: 20.30 min Scan# 3122
Delta R.T. 0.00 min
Lab File: BF095512.D
Acq: 27 May 2017 23:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 45142

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.5	26.3
125	18.6	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 3.01 ng
RT: 22.11 min Scan# 3430
Delta R.T. 0.04 min
Lab File: BF095512.D
Acq: 27 May 2017 23:25

Tgt Ion:276 Resp: 27331

Ion	Ratio	Lower	Upper
276	100		
277	30.8	18.6	28.0#
138	37.7	25.4	38.0