Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
Data File : BF095142.D
Acq On : 16 May 2017 00:04
Operator : SJ/MA
Sample : I3140-10 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 16 06:01:19 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	78961	20.00	ng		0.05
21) Naphthalene-d8	9.80	136	307626	20.00	ng		0.04
38) Acenaphthene-d10	12.62	164	143880	20.00	ng		0.04
63) Phenanthrene-d10	15.03	188	199122	20.00	ng		0.05
75) Chrysene-d12	18.70	240	181784	20.00	ng		0.05
86) Perylene-d12	20.38	264	161800	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.78	112	68542	14.47	ng		0.11
7) Phenol-d6	7.35	99	82440	14.51	ng		0.07
23) Nitrobenzene-d5	8.69	82	57371	11.76	ng		0.05
41) 2,4,6-Tribromophenol	13.94	330	13806	11.72	ng		0.06
44) 2-Fluorobiphenyl	11.57	172	113349	11.34	ng		0.04
78) Terphenyl-d14	17.35	244	59574	7.22	ng		0.04
Target Compounds							Qvalue
50) 2,6-Dinitrotoluene	12.62	165	13175	5.47	ng	#	31
74) Fluoranthene	16.81	202	47250	4.03	ng		97
77) Pyrene	17.12	202	45454	3.34	ng		95
80) Benzo(a)anthracene	18.69	228	26410	2.50	ng		98
82) Chrysene	18.69	228	26410	2.58	ng		97
87) Benzo(b)fluoranthene	19.97	252	49047	4.91	ng	#	93
88) Benzo(k)fluoranthene	19.97	252	49047	5.09	ng		97
89) Benzo(a)pyrene	20.32	252	22173	2.40	ng	#	93

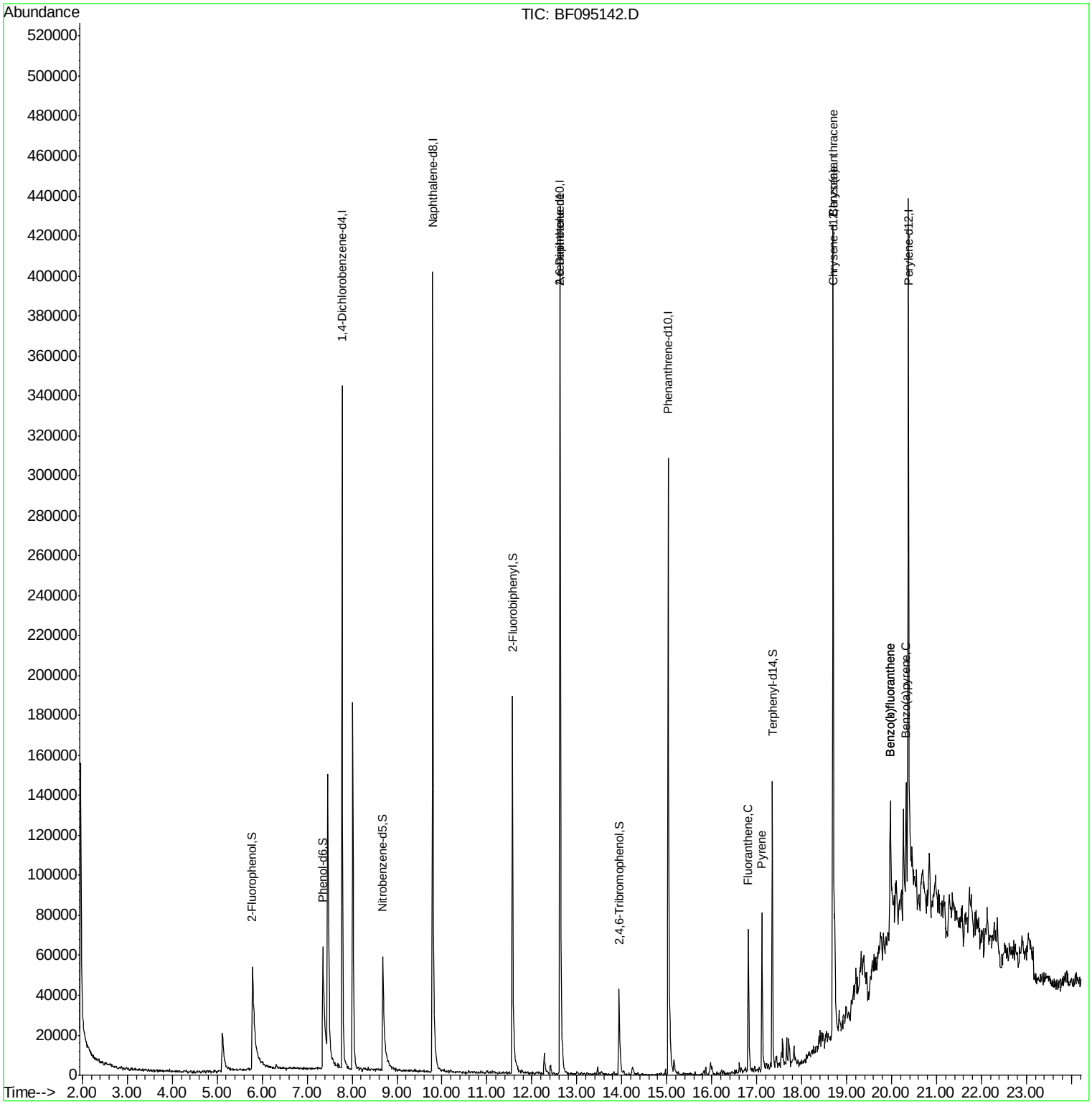
(#) = qualifier out of range (m) = manual integration (+) = signals summed

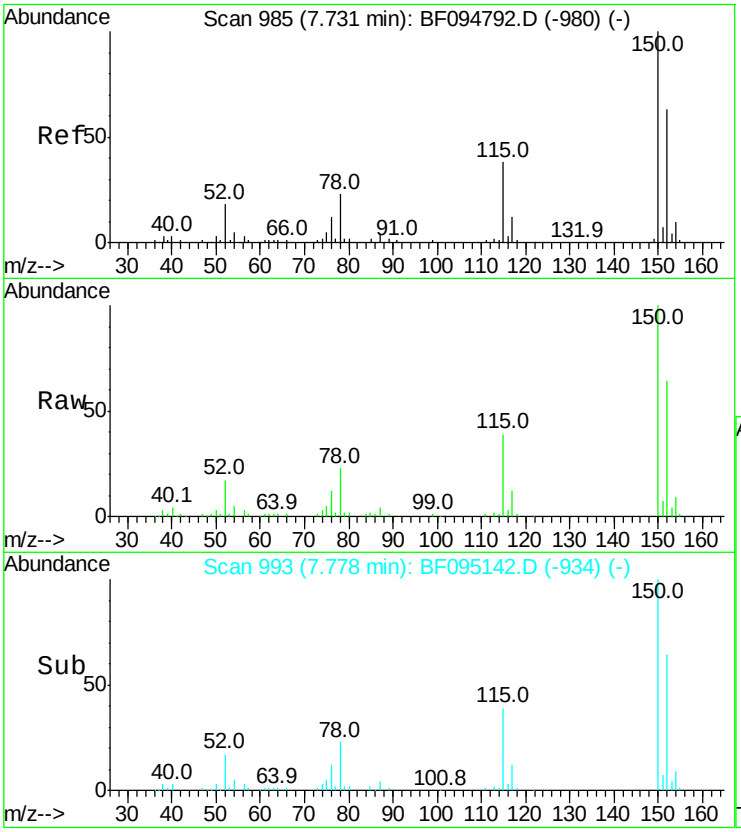
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
Data File : BF095142.D
Acq On : 16 May 2017 00:04
Operator : SJ/MA
Sample : I3140-10 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 16 06:01:19 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration



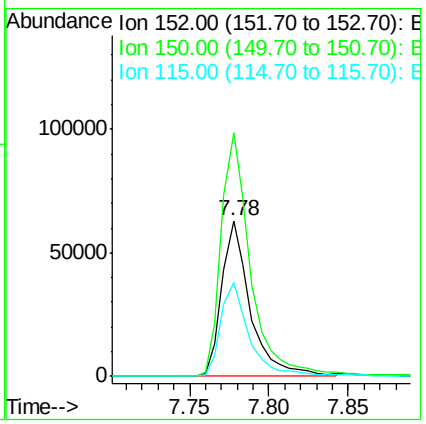


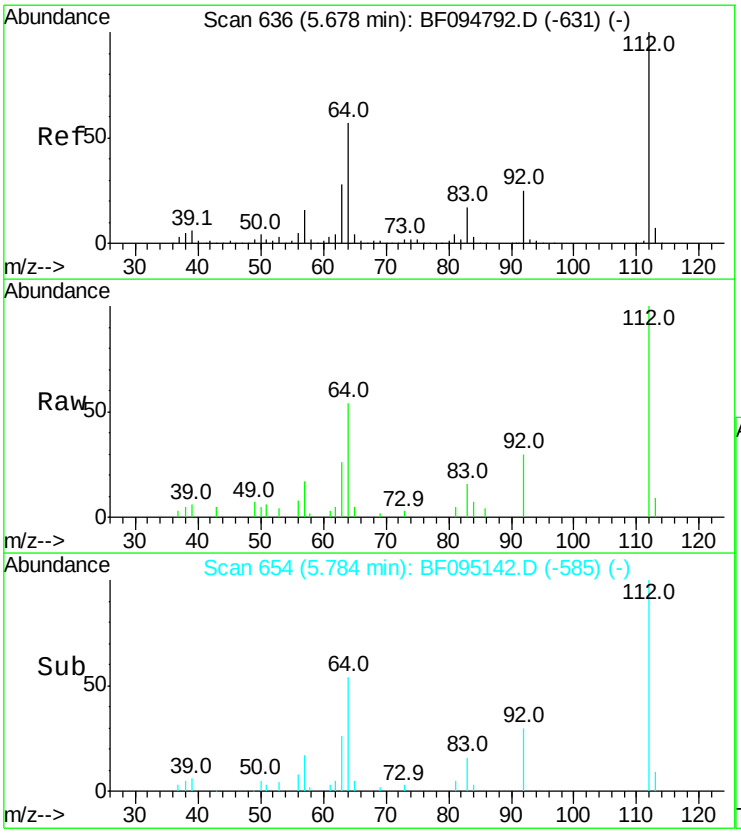
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 993
Delta R.T. 0.05 min
Lab File: BF095142.D
Acq: 16 May 2017 00:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 78961

Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.2	189.2
115	60.4	52.2	78.2

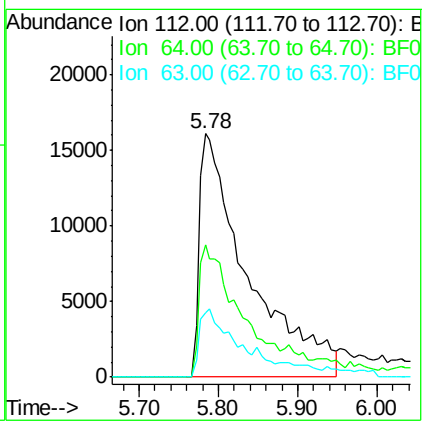


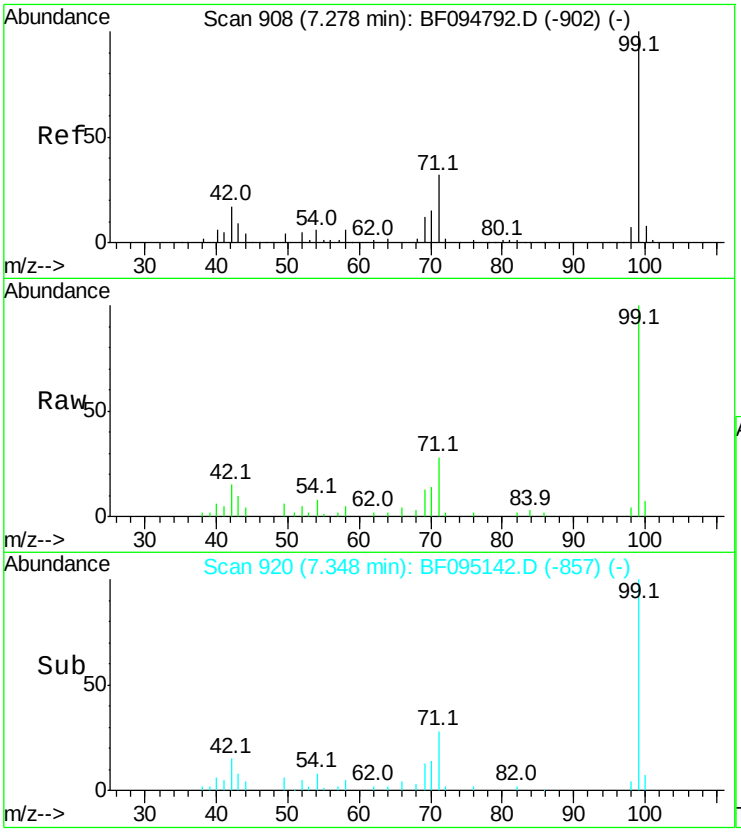


#5
2-Fluorophenol
Concen: 14.47 ng
RT: 5.78 min Scan# 654
Delta R.T. 0.11 min
Lab File: BF095142.D
Acq: 16 May 2017 00:04

Tgt Ion:112 Resp: 68542

Ion	Ratio	Lower	Upper
112	100		
64	54.1	46.0	69.0
63	26.3	23.4	35.0



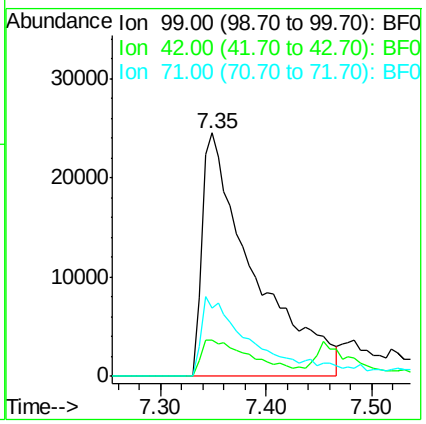


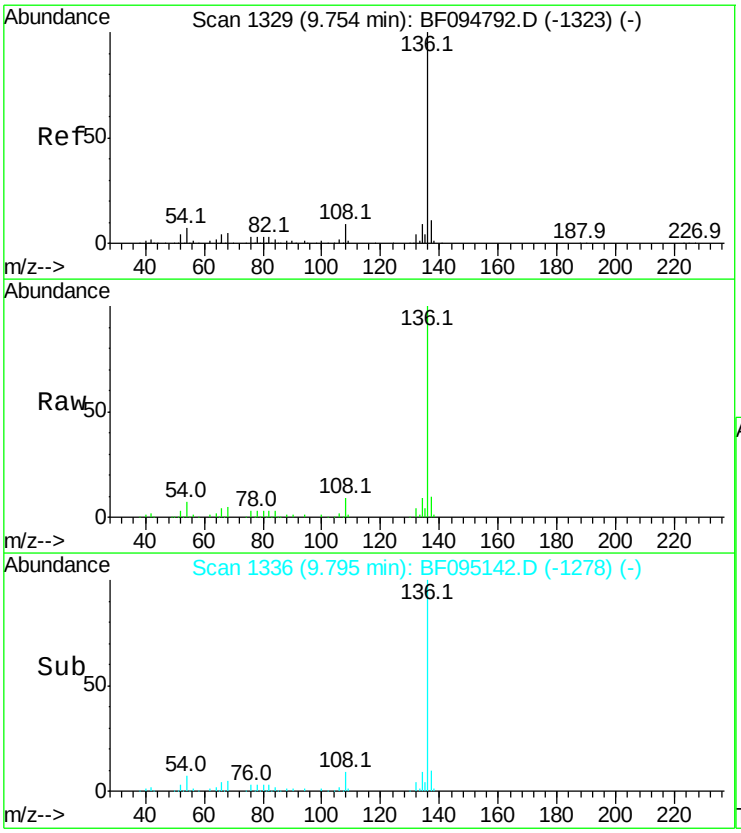
#7
Phenol-d6
Concen: 14.51 ng
RT: 7.35 min Scan# 920
Delta R.T. 0.07 min
Lab File: BF095142.D
Acq: 16 May 2017 00:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 82440

Ion	Ratio	Lower	Upper
99	100		
42	14.8	13.5	20.3
71	28.2	24.5	36.7

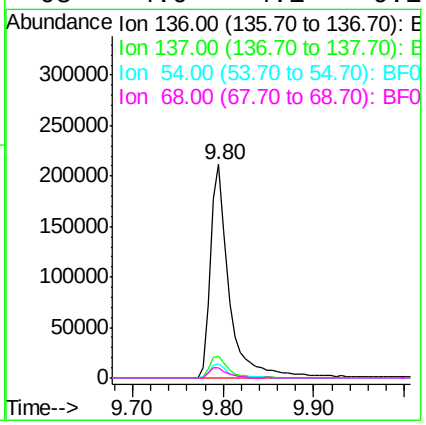


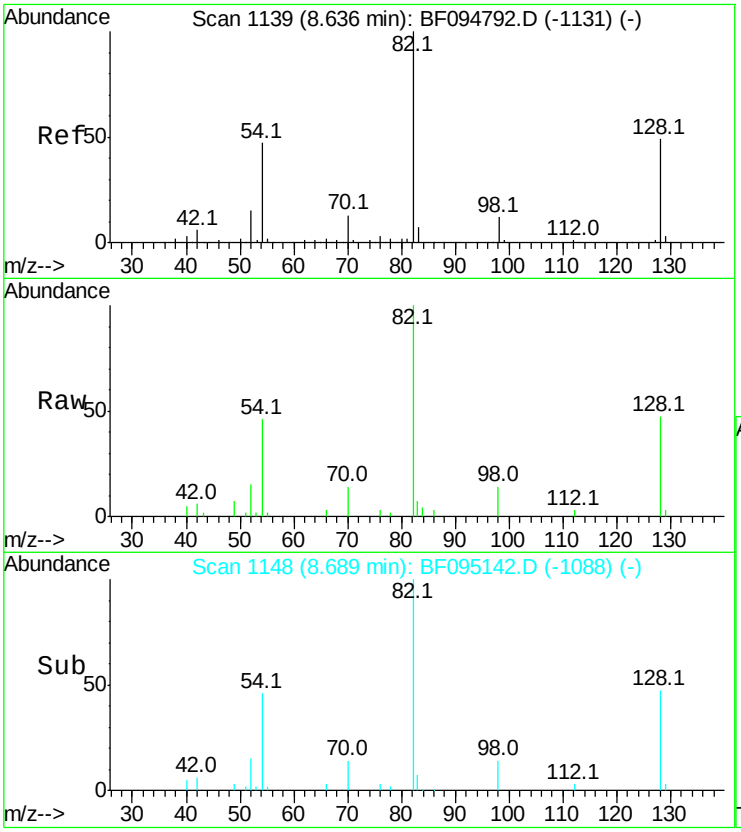


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.80 min Scan# 1336
Delta R.T. 0.04 min
Lab File: BF095142.D
Acq: 16 May 2017 00:04

Tgt Ion:136 Resp: 307626

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	6.8	4.9	7.3
68	4.9	4.1	6.1



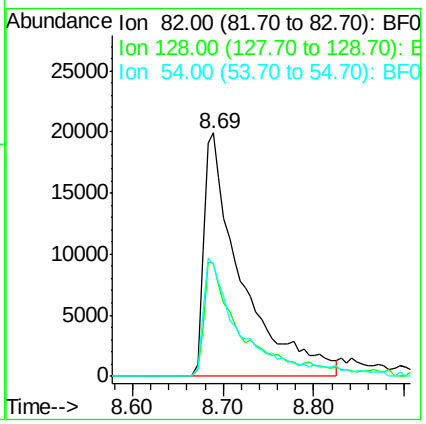


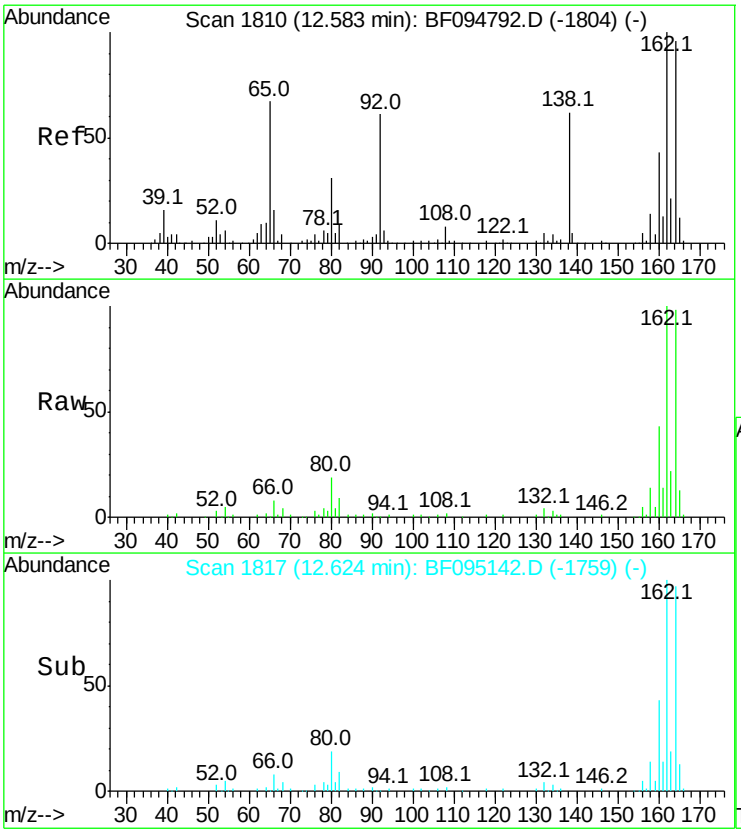
#23
Nitrobenzene-d5
Concen: 11.76 ng
RT: 8.69 min Scan# 1148
Delta R.T. 0.05 min
Lab File: BF095142.D
Acq: 16 May 2017 00:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 57371

Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.0	51.0
54	45.8	42.2	63.2

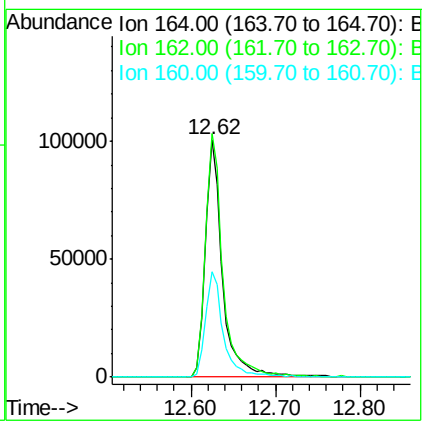


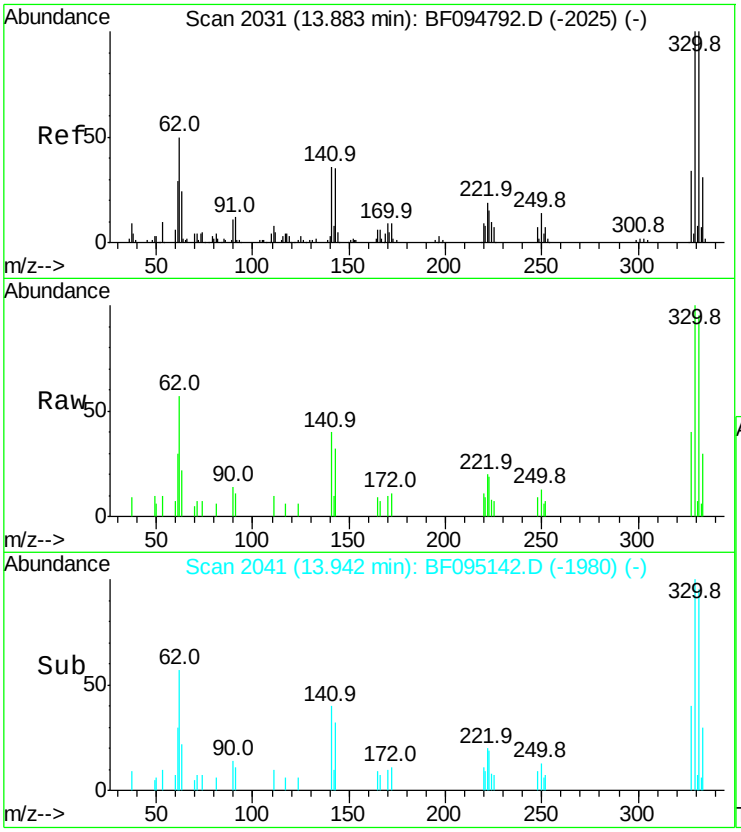


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.62 min Scan# 1817
Delta R.T. 0.04 min
Lab File: BF095142.D
Acq: 16 May 2017 00:04

Tgt Ion:164 Resp: 143880

Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.6	123.8
160	44.5	36.2	54.2



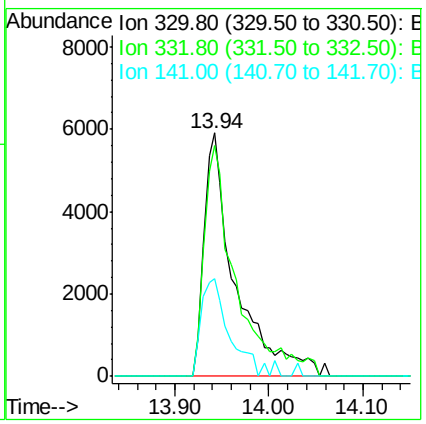


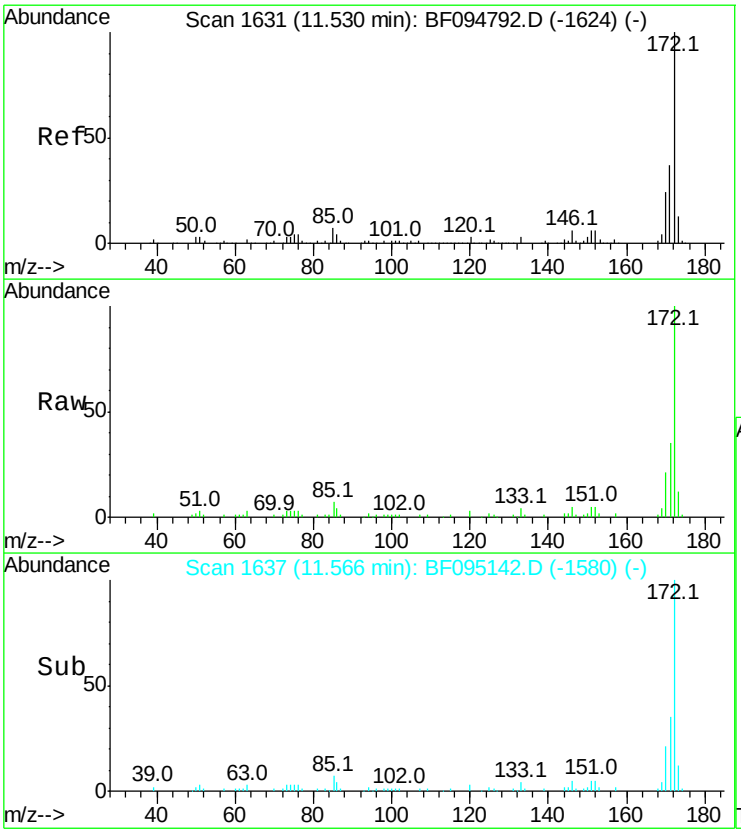
#41
2,4,6-Tribromophenol
Concen: 11.72 ng
RT: 13.94 min Scan# 2041
Delta R.T. 0.06 min
Lab File: BF095142.D
Acq: 16 May 2017 00:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 13806

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	36.0	31.4	47.2

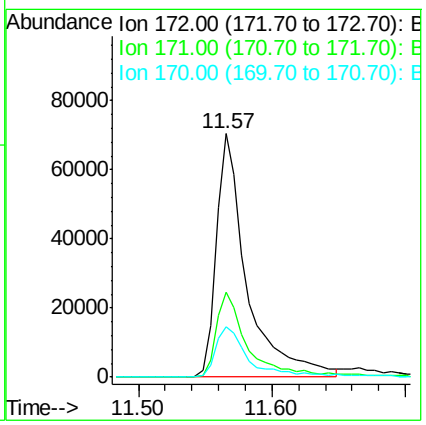


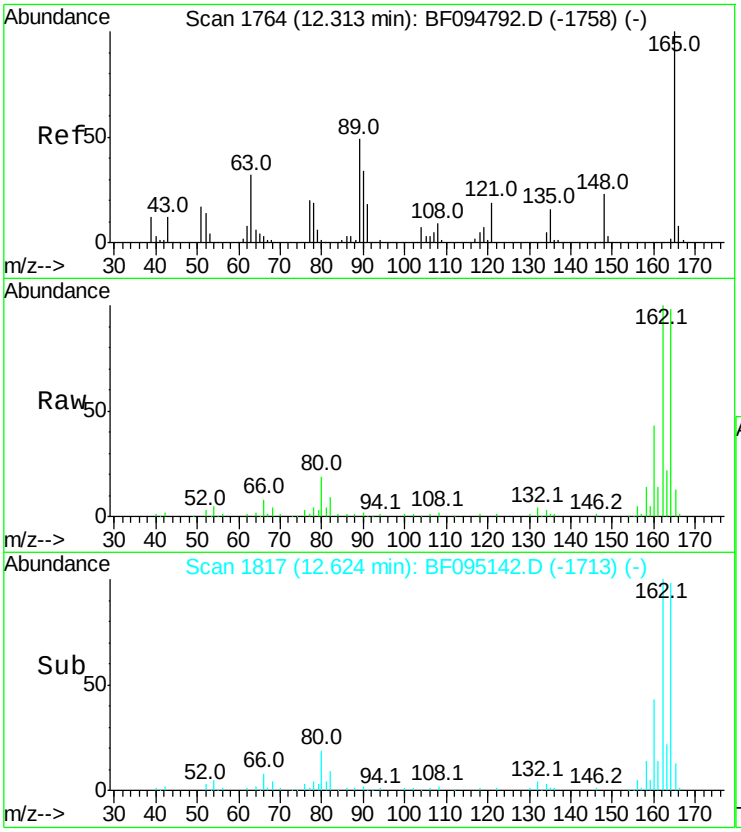


#44
2-Fluorobiphenyl
Concen: 11.34 ng
RT: 11.57 min Scan# 1637
Delta R.T. 0.04 min
Lab File: BF095142.D
Acq: 16 May 2017 00:04

Tgt Ion:172 Resp: 113349

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.6	44.4
170	20.5	19.8	29.8



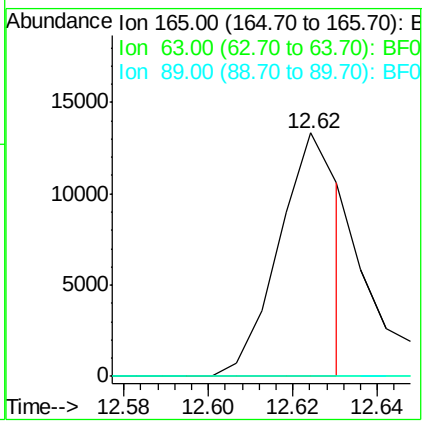


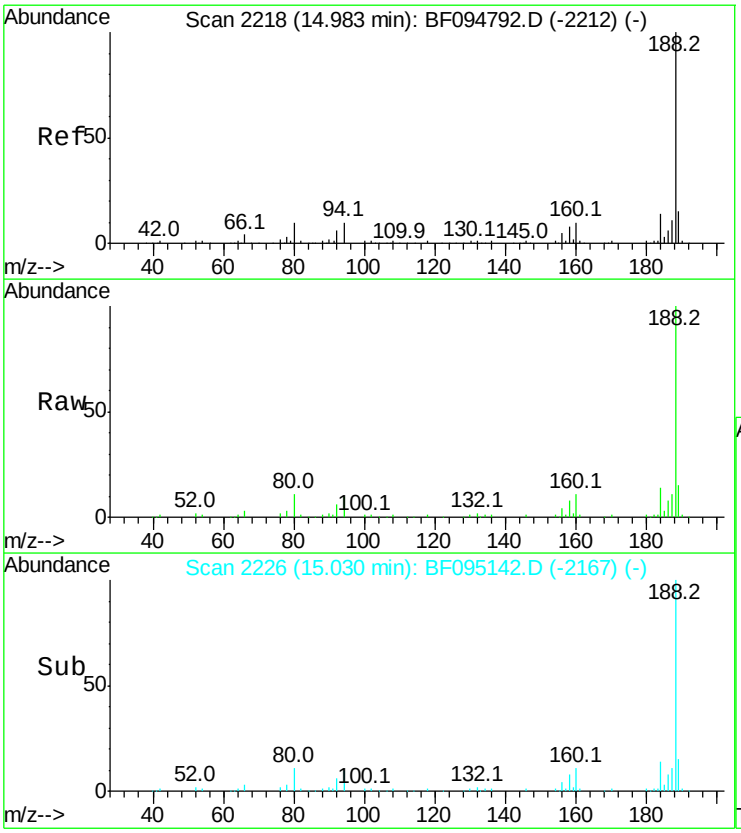
#50
2,6-Dinitrotoluene
Concen: 5.47 ng
RT: 12.62 min Scan# 1817
Delta R.T. 0.31 min
Lab File: BF095142.D
Acq: 16 May 2017 00:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 13175

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

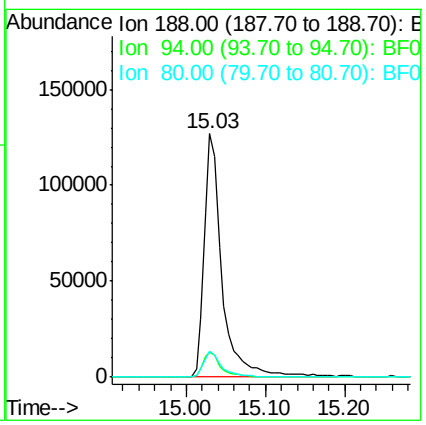


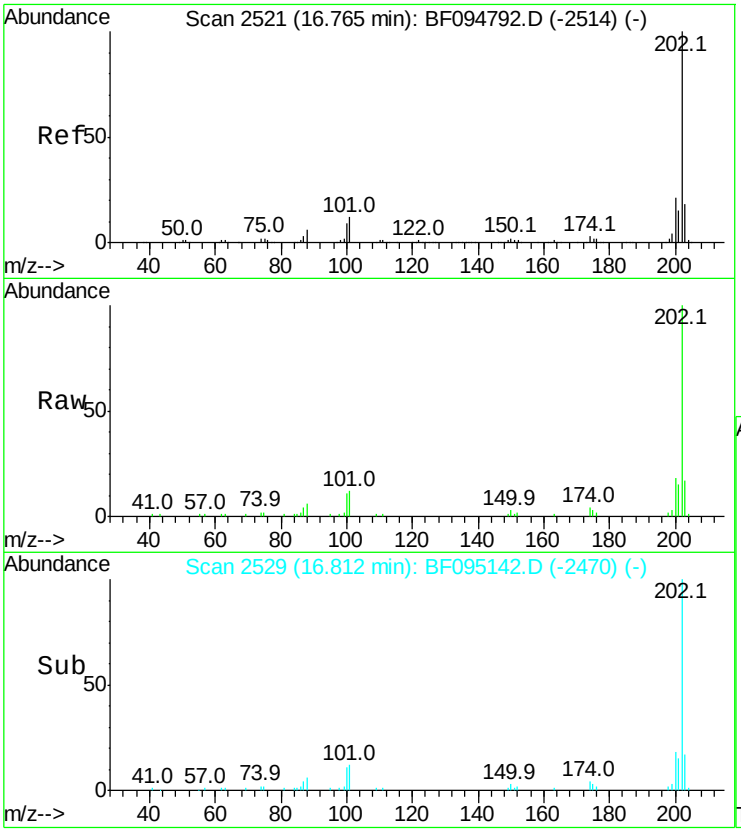


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.03 min Scan# 2226
Delta R.T. 0.05 min
Lab File: BF095142.D
Acq: 16 May 2017 00:04

Tgt Ion:188 Resp: 199122

Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.4	14.2
80	10.7	10.2	15.2



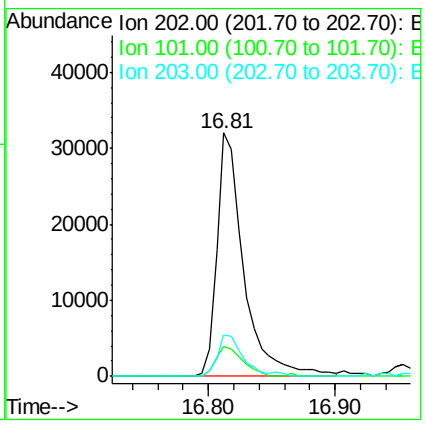


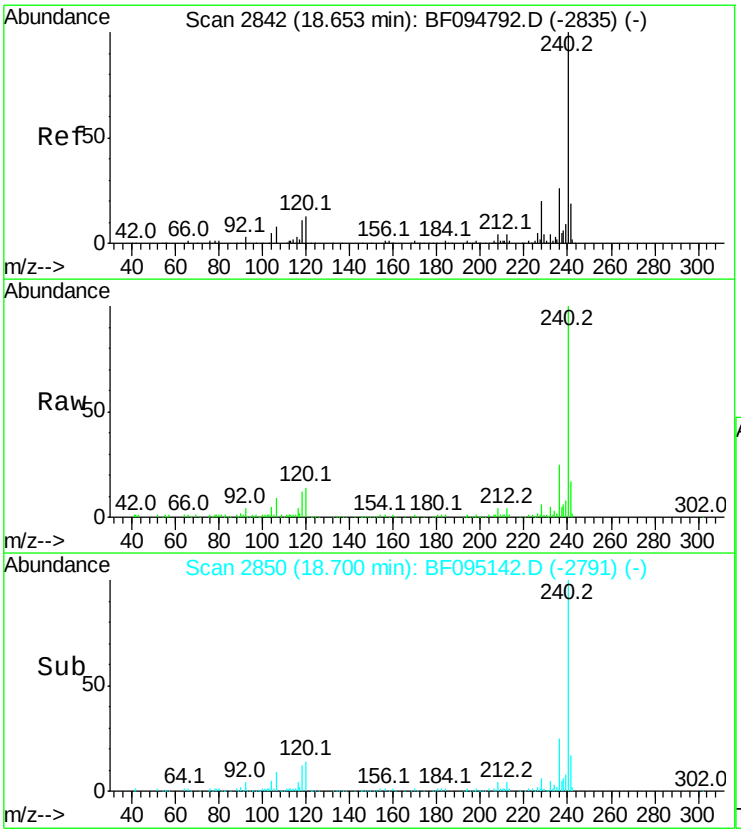
#74
Fluoranthene
Concen: 4.03 ng
RT: 16.81 min Scan# 2529
Delta R.T. 0.05 min
Lab File: BF095142.D
Acq: 16 May 2017 00:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 47250

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	33.2
203	17.0	0.0	38.1

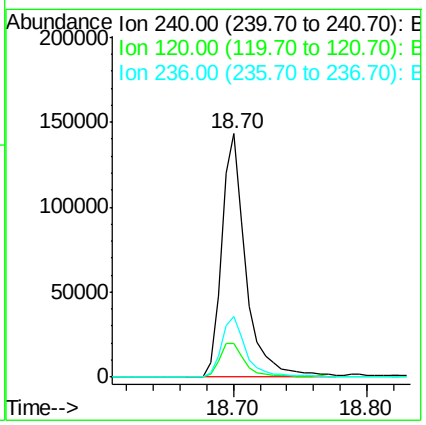


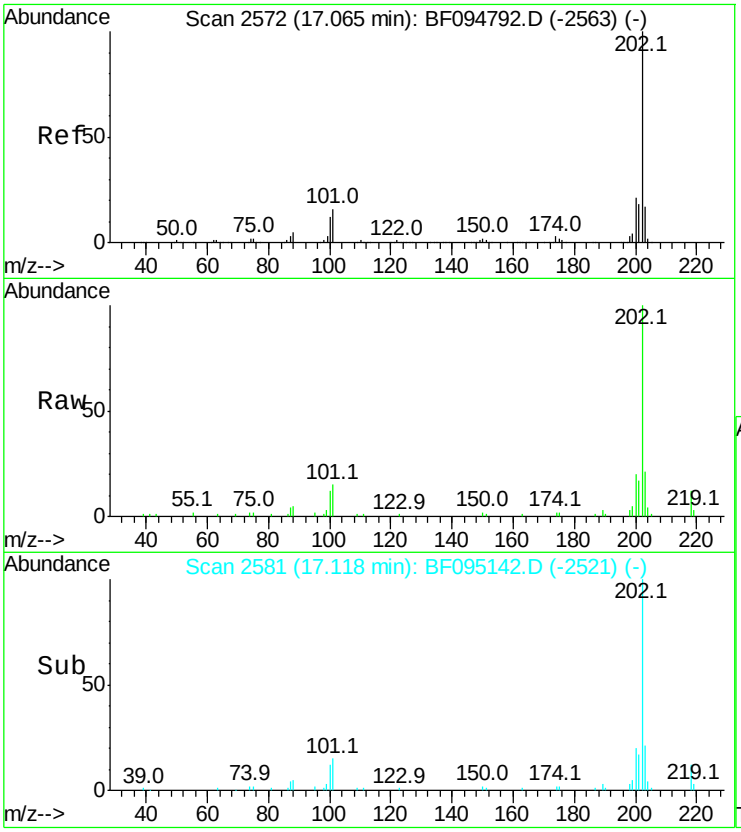


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.70 min Scan# 2850
Delta R.T. 0.05 min
Lab File: BF095142.D
Acq: 16 May 2017 00:04

Tgt Ion:240 Resp: 181784

Ion	Ratio	Lower	Upper
240	100		
120	13.9	5.8	8.8#
236	24.7	20.5	30.7



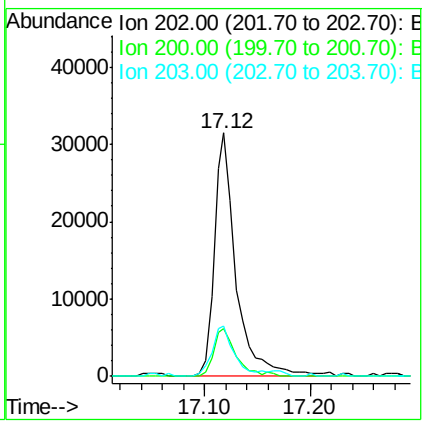


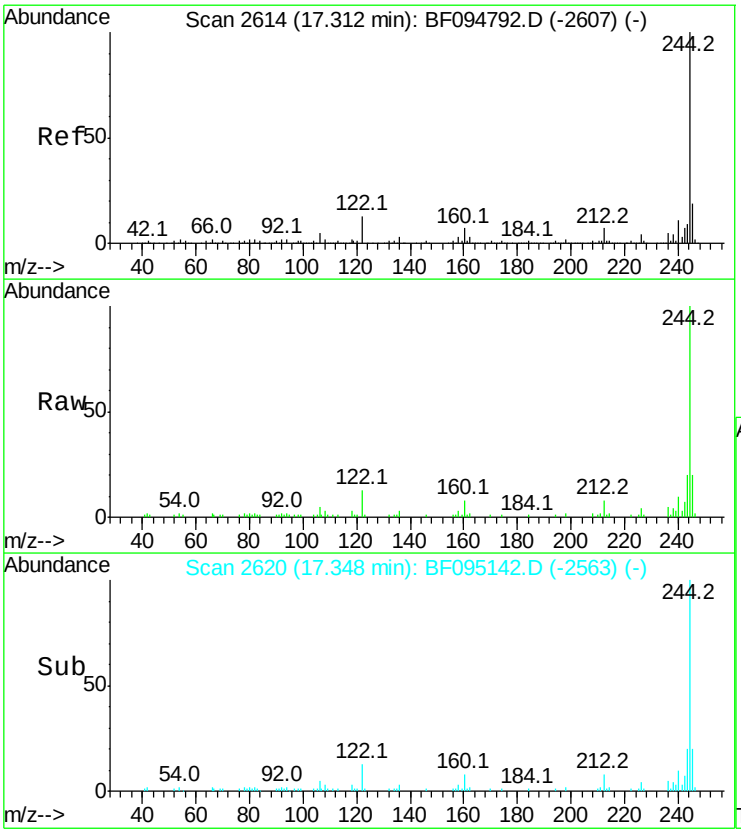
#77
Pyrene
Concen: 3.34 ng
RT: 17.12 min Scan# 2581
Delta R.T. 0.05 min
Lab File: BF095142.D
Acq: 16 May 2017 00:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 45454

Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.6	26.4
203	20.8	14.4	21.6

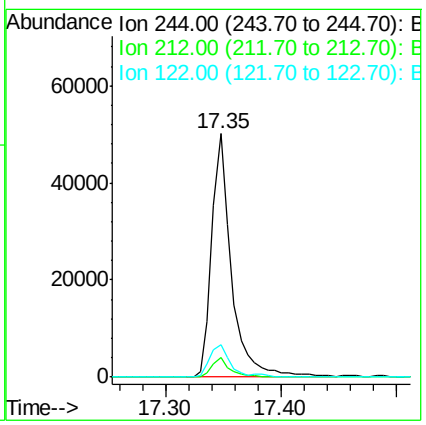


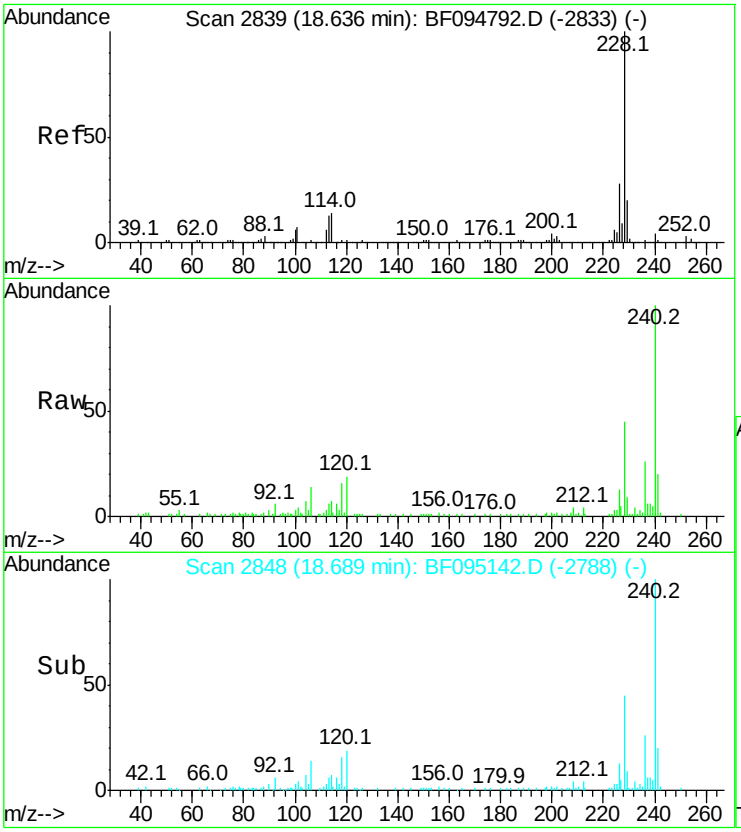


#78
Terphenyl-d14
Concen: 7.22 ng
RT: 17.35 min Scan# 2620
Delta R.T. 0.04 min
Lab File: BF095142.D
Acq: 16 May 2017 00:04

Tgt Ion:244 Resp: 59574

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.0	9.0
122	13.3	10.3	15.5



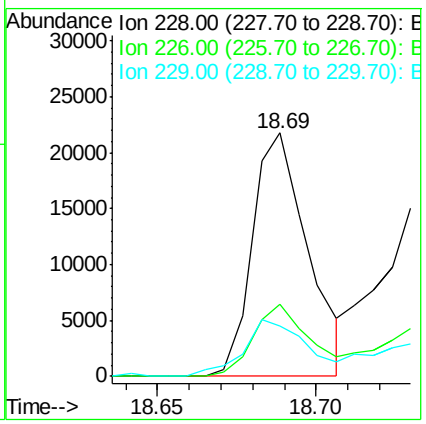


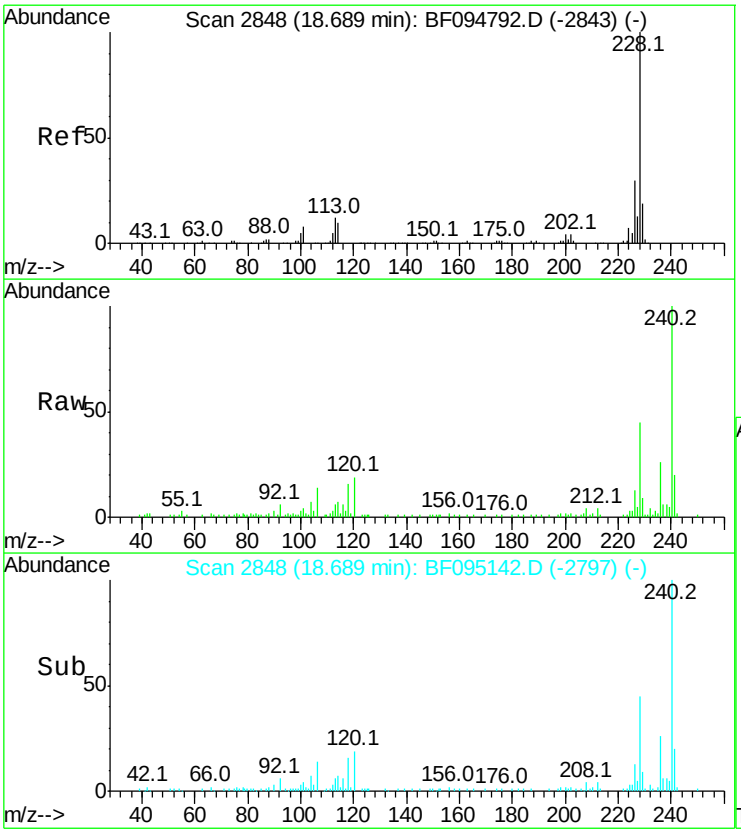
#80
Benzo(a)anthracene
Concen: 2.50 ng
RT: 18.69 min Scan# 2848
Delta R.T. 0.05 min
Lab File: BF095142.D
Acq: 16 May 2017 00:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 26410

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	33.8
229	20.8	16.3	24.5

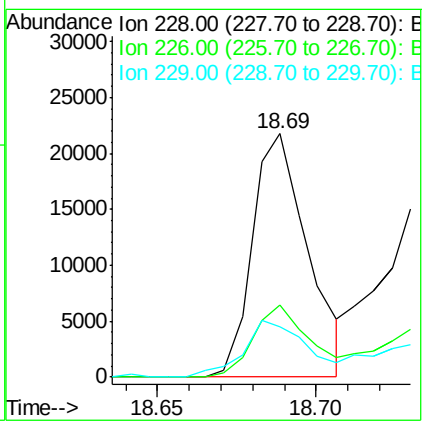


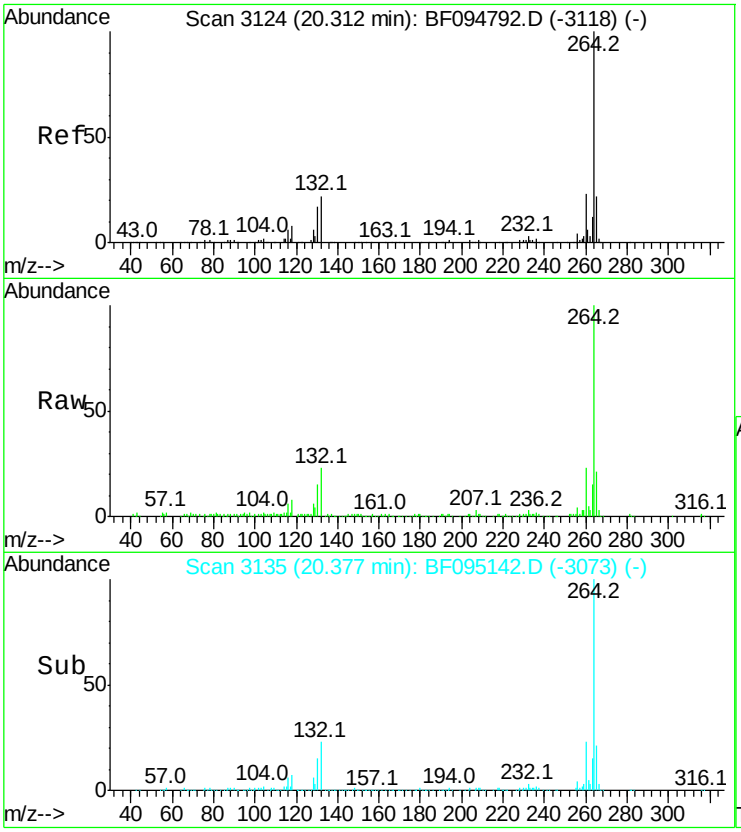


#82
Chrysene
Concen: 2.58 ng
RT: 18.69 min Scan# 2848
Delta R.T. -0.00 min
Lab File: BF095142.D
Acq: 16 May 2017 00:04

Tgt Ion:228 Resp: 26410

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.9	37.3
229	20.8	15.8	23.6



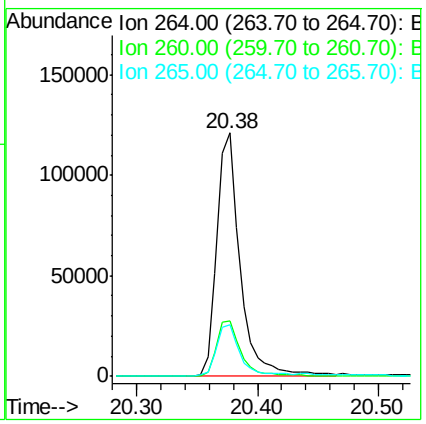


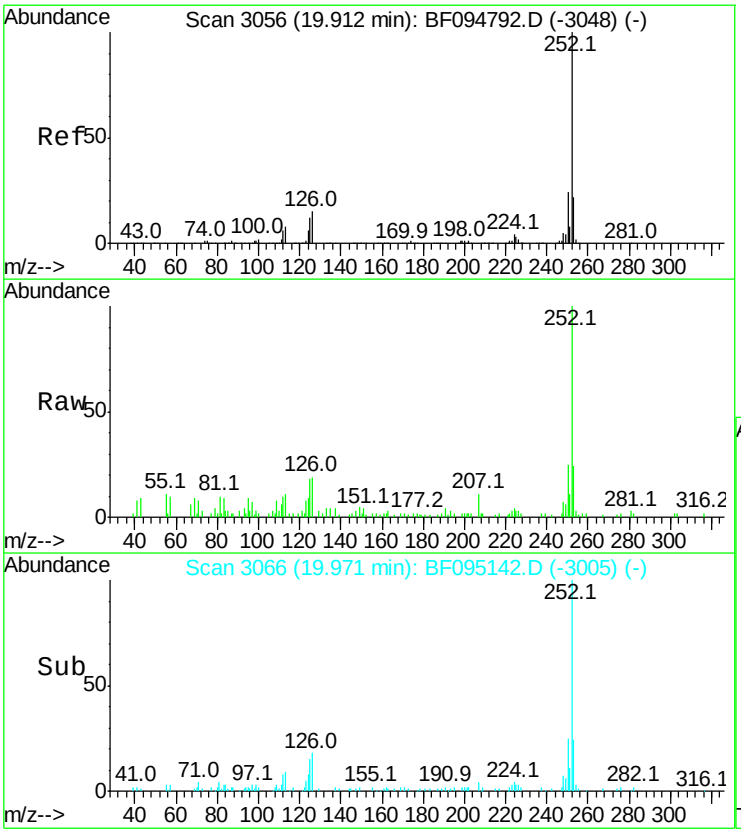
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.38 min Scan# 3135
Delta R.T. 0.06 min
Lab File: BF095142.D
Acq: 16 May 2017 00:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 161800

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.5	29.3
265	21.2	17.2	25.8

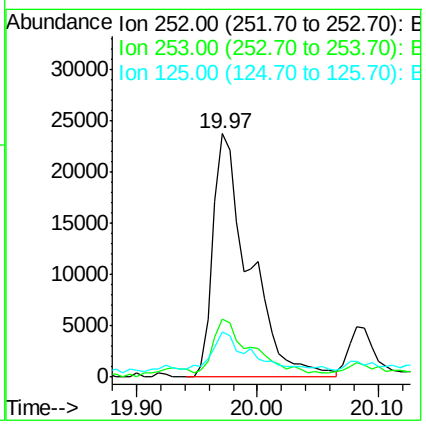


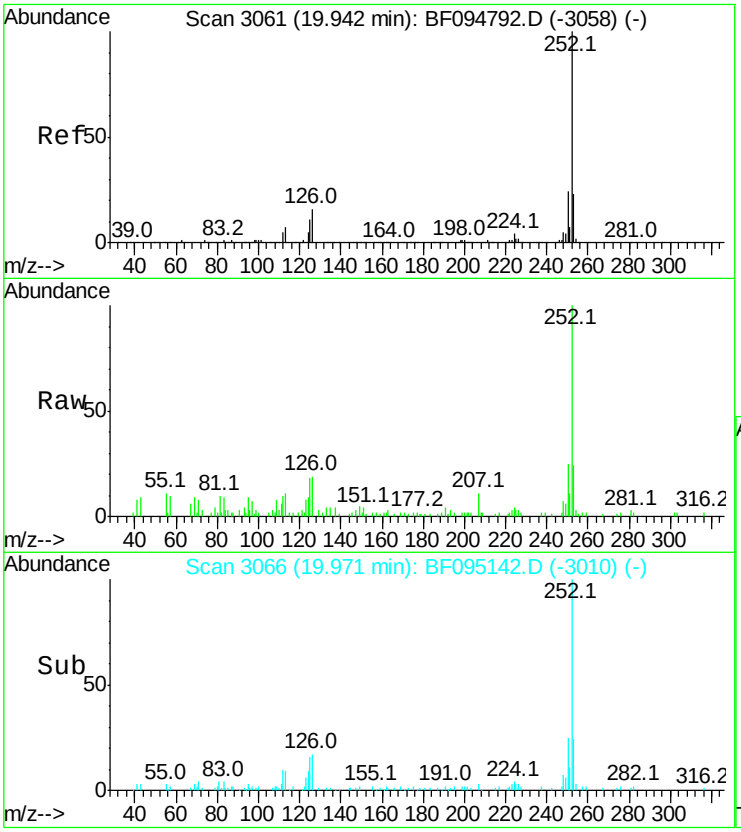


#87
Benzo(b)fluoranthene
Concen: 4.91 ng
RT: 19.97 min Scan# 3066
Delta R.T. 0.06 min
Lab File: BF095142.D
Acq: 16 May 2017 00:04

Tgt Ion:252 Resp: 49047

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.1	27.1
125	18.3	9.8	14.8#



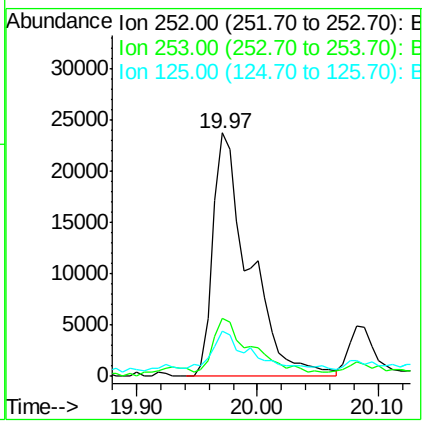


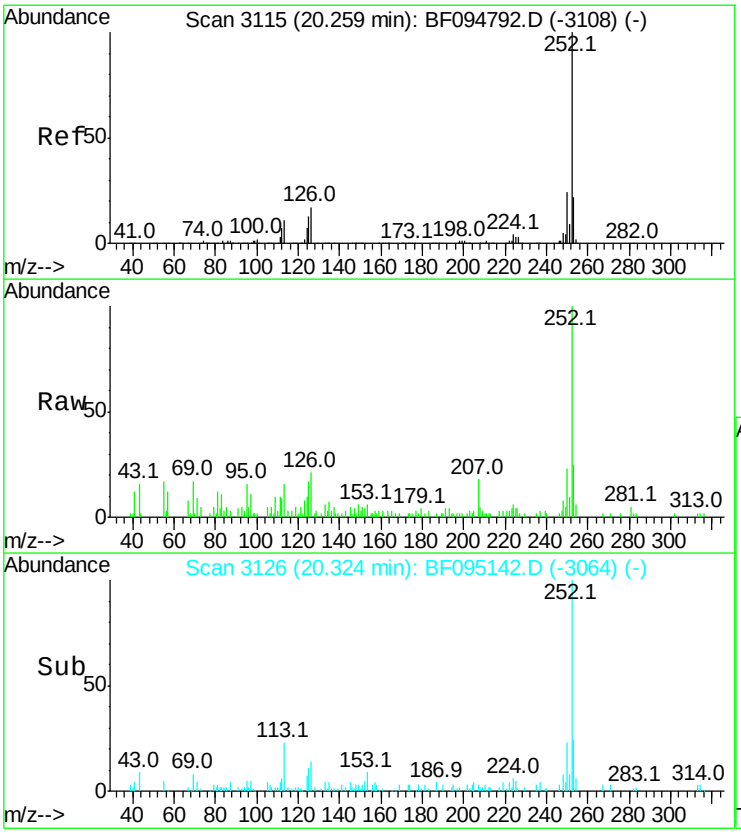
#88
Benzo(k)fluoranthene
Concen: 5.09 ng
RT: 19.97 min Scan# 3066
Delta R.T. 0.03 min
Lab File: BF095142.D
Acq: 16 May 2017 00:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 49047

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.4	27.6
125	18.3	13.1	19.7





#89
Benzo(a)pyrene
Concen: 2.40 ng
RT: 20.32 min Scan# 3126
Delta R.T. 0.06 min
Lab File: BF095142.D
Acq: 16 May 2017 00:04

Tgt Ion:252 Resp: 22173

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.5	26.3
125	17.0	11.0	16.4#