Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
Data File : BF095140.D
Acq On : 15 May 2017 23:00
Operator : SJ/MA
Sample : I3140-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 16 06:00:41 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	75426	20.00	ng		0.05
21) Naphthalene-d8	9.79	136	309699	20.00	ng		0.04
38) Acenaphthene-d10	12.62	164	147239	20.00	ng		0.04
63) Phenanthrene-d10	15.03	188	199969	20.00	ng		0.05
75) Chrysene-d12	18.71	240	174110	20.00	ng		0.05
86) Perylene-d12	20.39	264	156066	20.00	ng		0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.82	112	19180	4.24	ng		0.15
7) Phenol-d6	7.39	99	18991	3.50	ng		0.11
23) Nitrobenzene-d5	8.68	82	53337	10.86	ng		0.05
41) 2,4,6-Tribromophenol	13.93	330	16927	14.04	ng		0.05
44) 2-Fluorobiphenyl	11.57	172	154003	15.05	ng		0.04
78) Terphenyl-d14	17.35	244	86701	10.97	ng		0.04
Target Compounds							Qvalue
50) 2,6-Dinitrotoluene	12.62	165	15501	6.29	ng	#	31
74) Fluoranthene	16.81	202	53390	4.53	ng		98
76) Benzidine	17.10	184	126	6.61	ng	#	1
77) Pyrene	17.12	202	58539	4.50	ng		96
80) Benzo(a)anthracene	18.69	228	35468	3.50	ng	#	91
82) Chrysene	18.74	228	37351	3.81	ng		94
87) Benzo(b)fluoranthene	19.98	252	60979	6.32	ng	#	42
88) Benzo(k)fluoranthene	19.98	252	60979	6.56	ng	#	43
89) Benzo(a)pyrene	20.34	252	26379	2.96	ng	#	12

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

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Misc :
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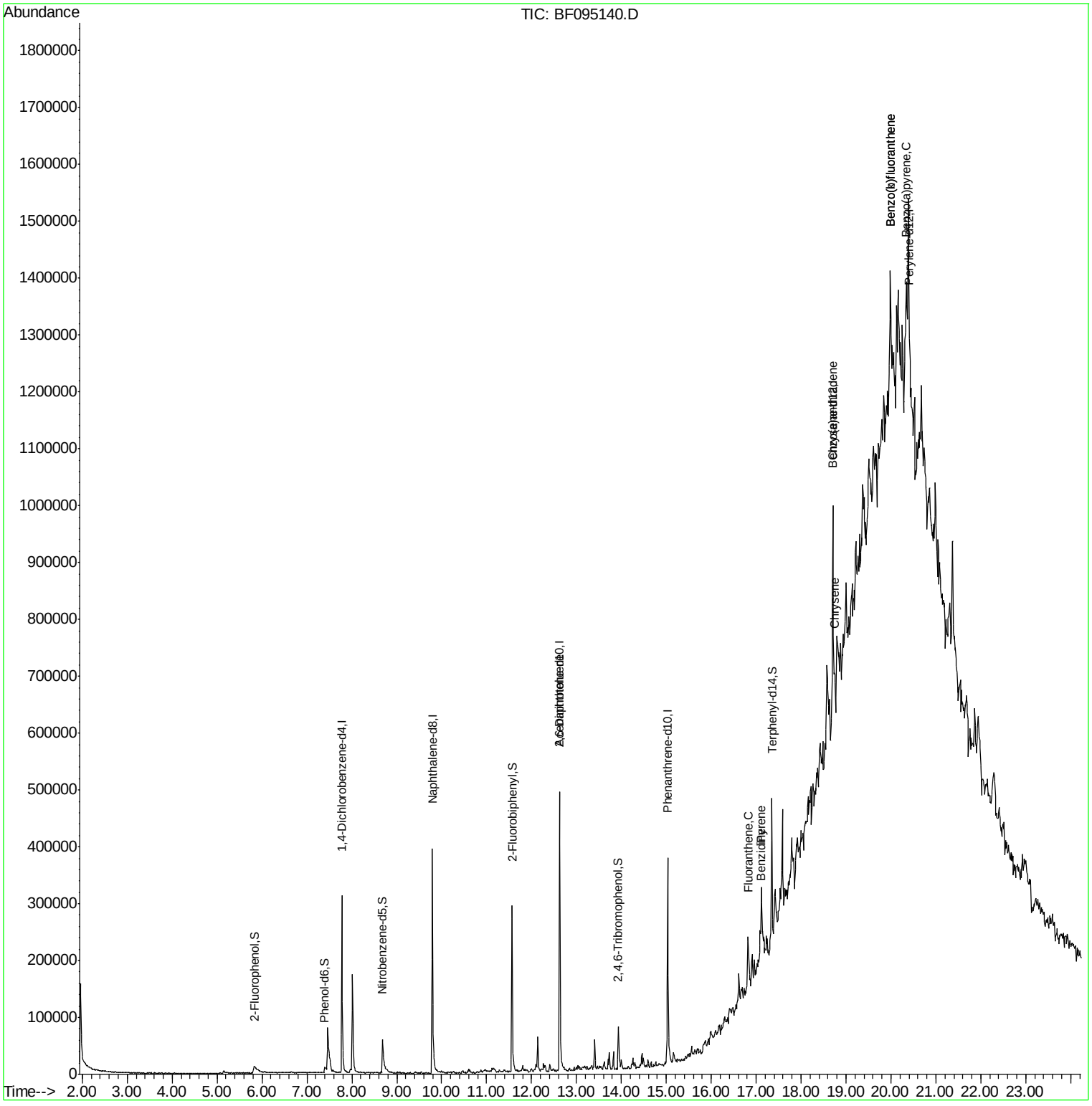
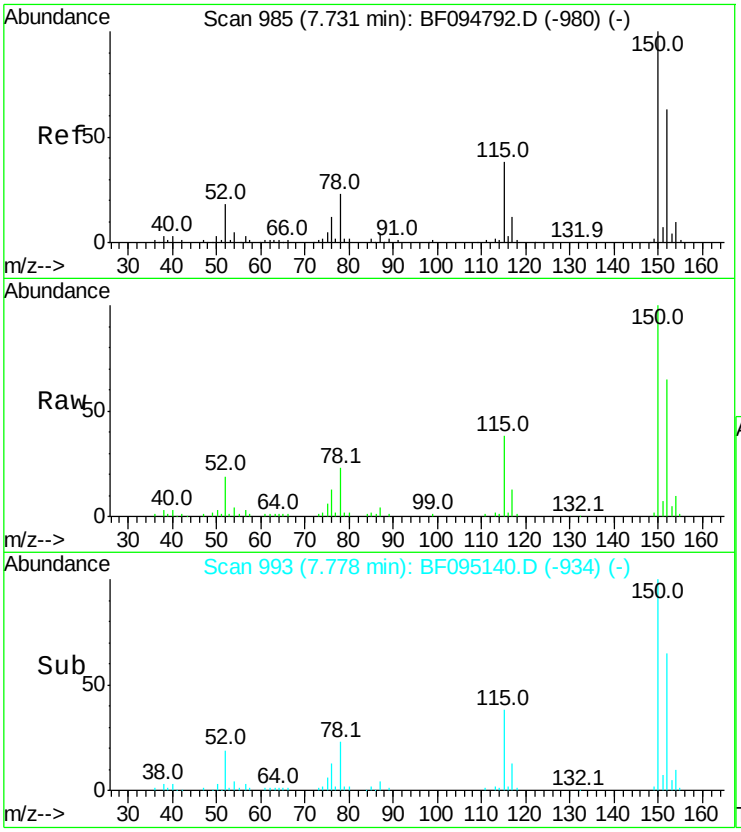


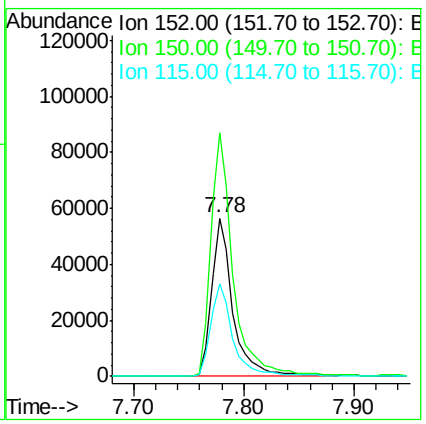


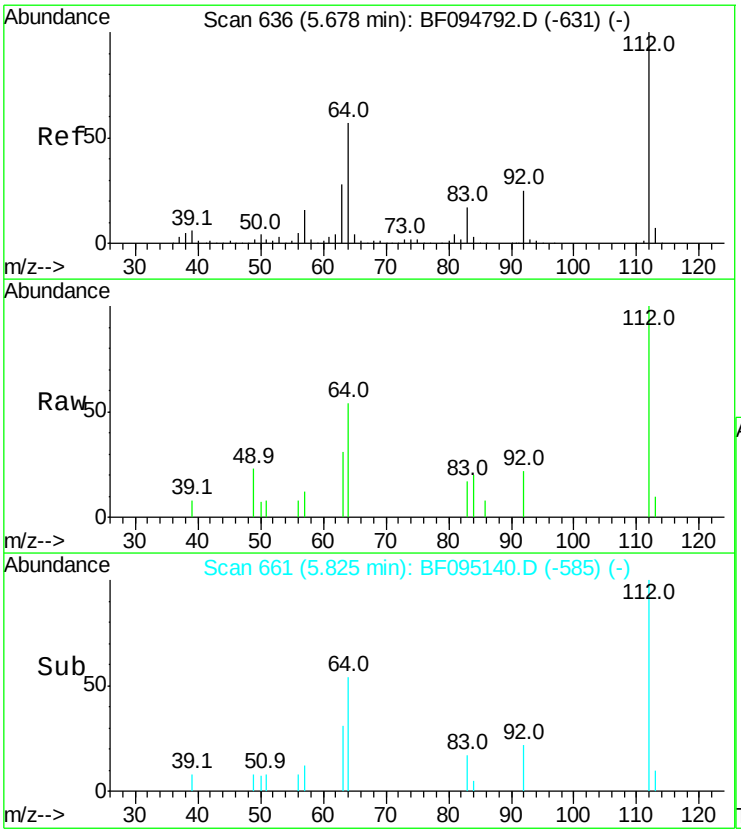
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 993
Delta R.T. 0.05 min
Lab File: BF095140.D
Acq: 15 May 2017 23:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 75426

Ion	Ratio	Lower	Upper
152	100		
150	154.2	126.2	189.2
115	58.3	52.2	78.2

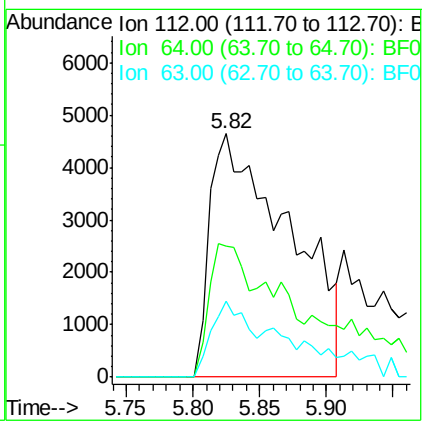


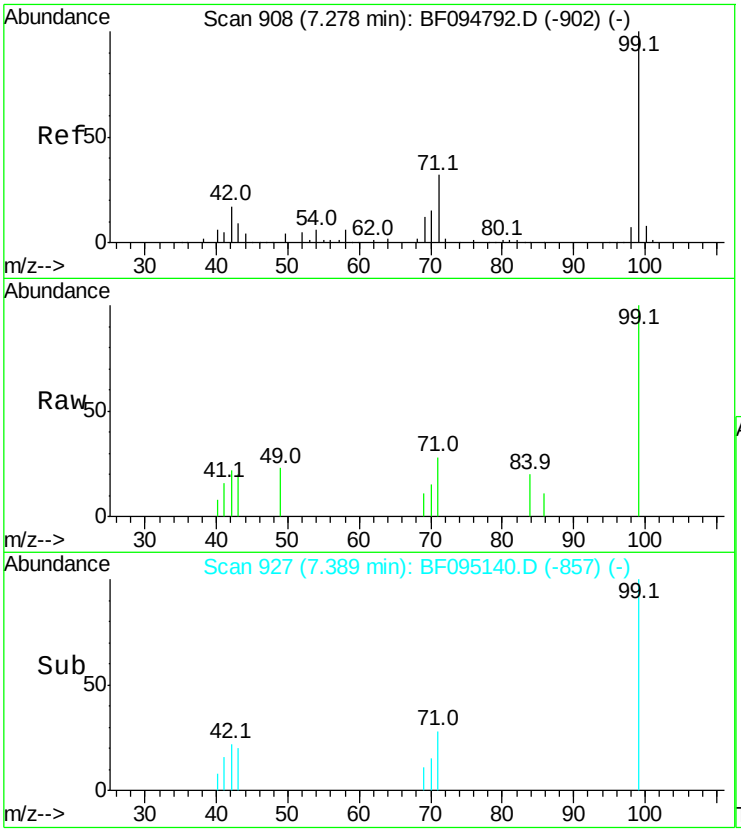


#5
2-Fluorophenol
Concen: 4.24 ng
RT: 5.82 min Scan# 661
Delta R.T. 0.15 min
Lab File: BF095140.D
Acq: 15 May 2017 23:00

Tgt Ion:112 Resp: 19180

Ion	Ratio	Lower	Upper
112	100		
64	53.9	46.0	69.0
63	31.2	23.4	35.0



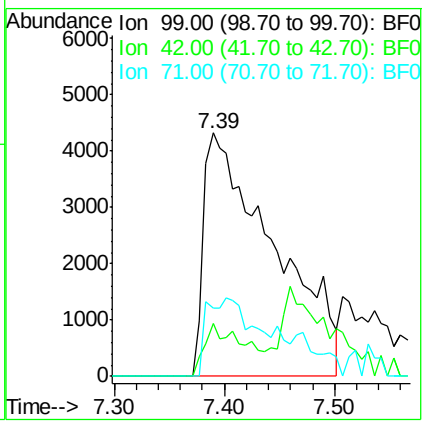


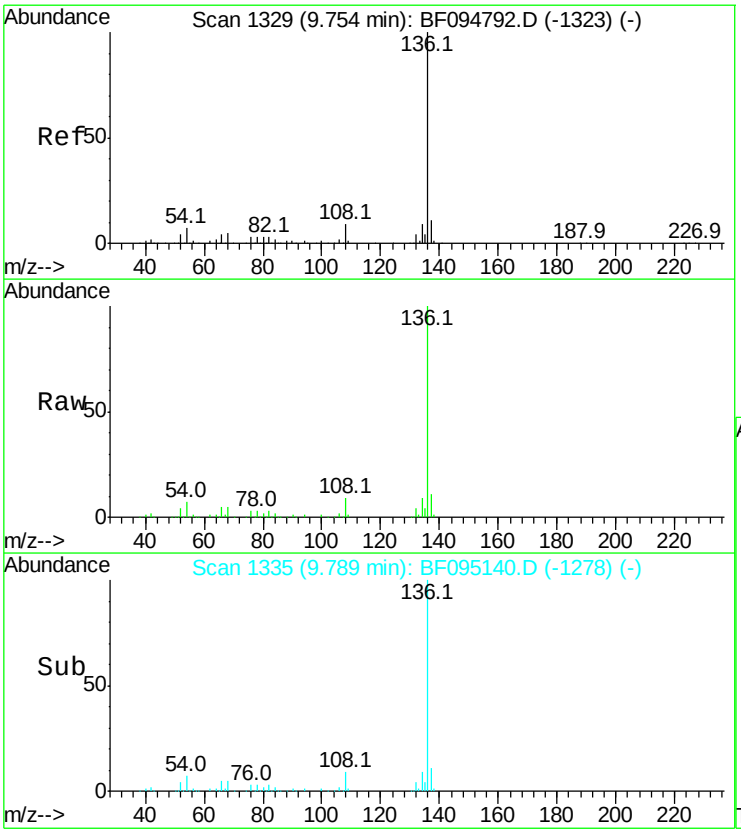
#7
Phenol-d6
Concen: 3.50 ng
RT: 7.39 min Scan# 927
Delta R.T. 0.11 min
Lab File: BF095140.D
Acq: 15 May 2017 23:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 18991

Ion	Ratio	Lower	Upper
99	100		
42	22.0	13.5	20.3#
71	28.0	24.5	36.7

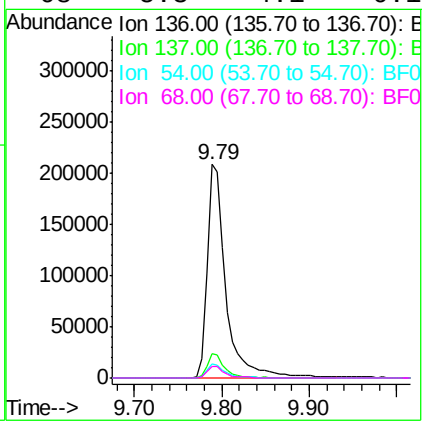


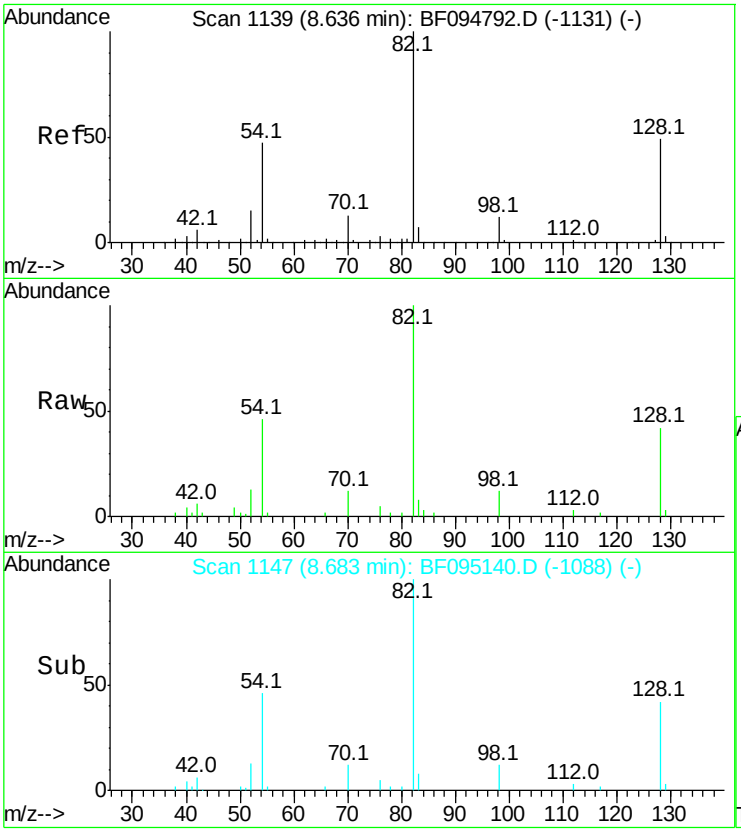


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.79 min Scan# 1335
Delta R.T. 0.04 min
Lab File: BF095140.D
Acq: 15 May 2017 23:00

Tgt Ion:136 Resp: 309699

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	6.8	4.9	7.3
68	5.3	4.1	6.1



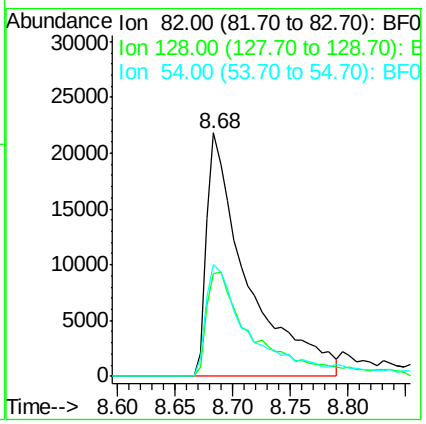


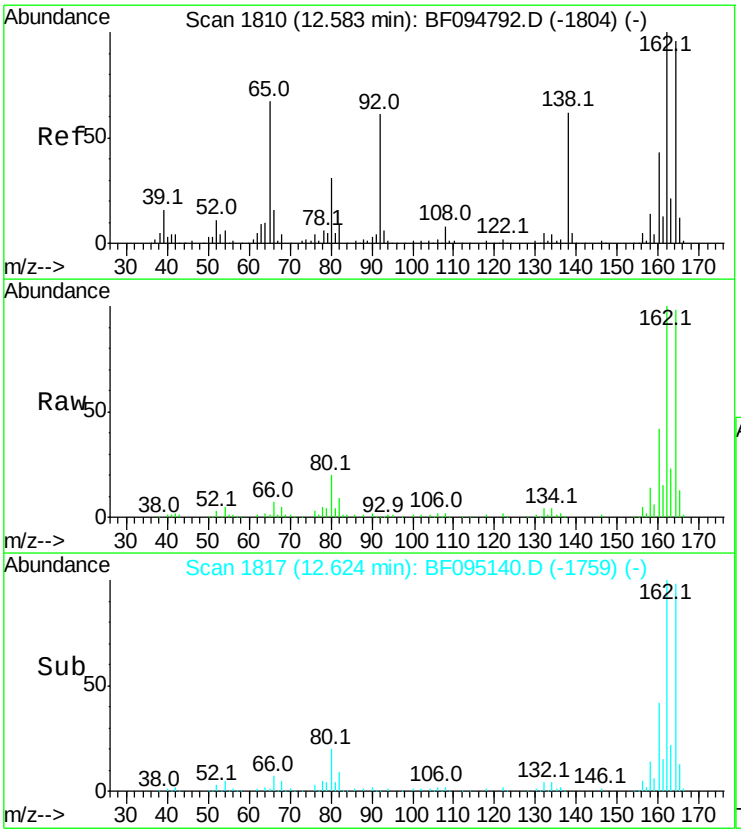
#23
Nitrobenzene-d5
Concen: 10.86 ng
RT: 8.68 min Scan# 1147
Delta R.T. 0.05 min
Lab File: BF095140.D
Acq: 15 May 2017 23:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 53337

Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.0	51.0
54	45.9	42.2	63.2

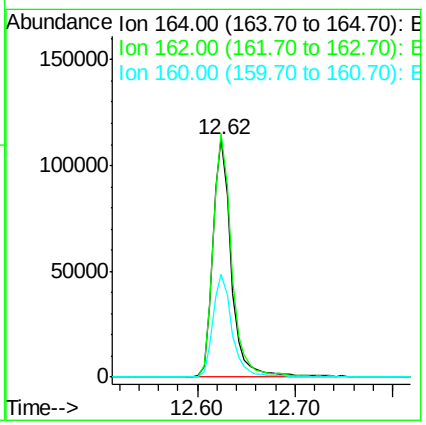


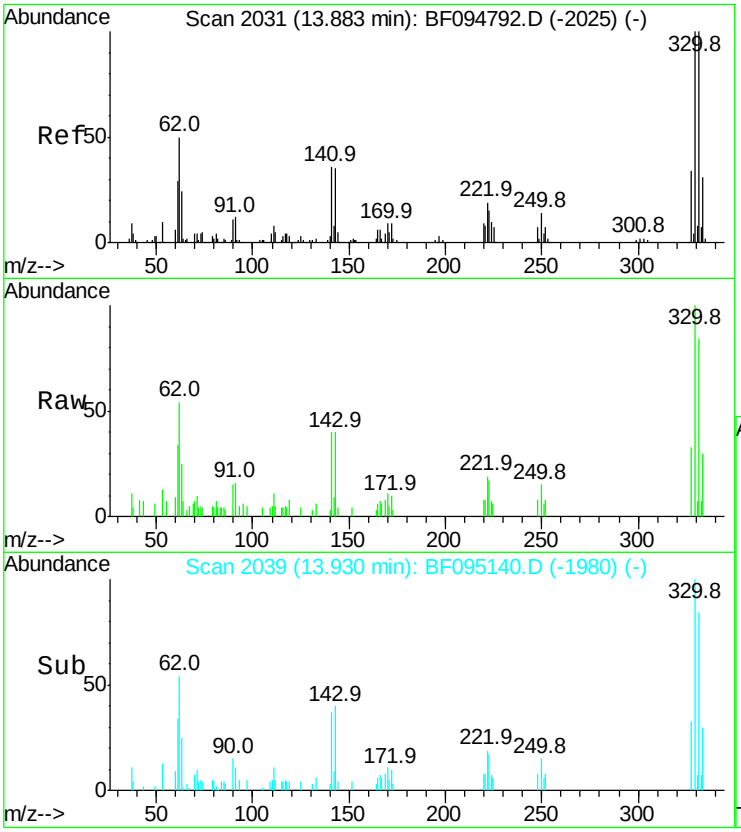


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.62 min Scan# 1817
Delta R.T. 0.04 min
Lab File: BF095140.D
Acq: 15 May 2017 23:00

Tgt Ion:164 Resp: 147239

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.6	123.8
160	43.2	36.2	54.2



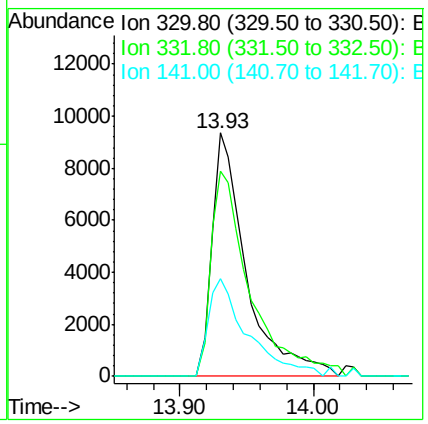


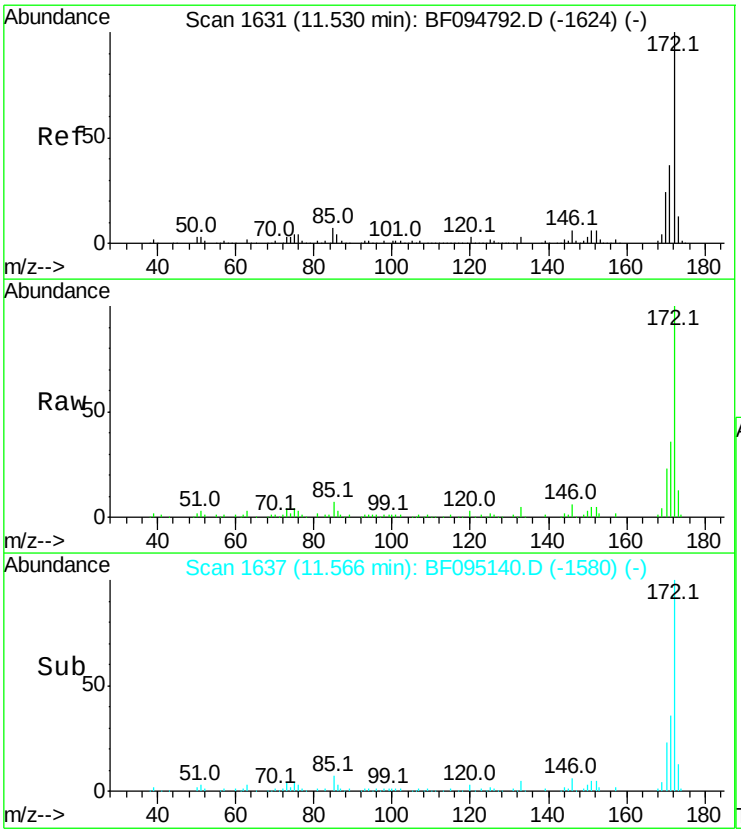
#41
2,4,6-Tribromophenol
Concen: 14.04 ng
RT: 13.93 min Scan# 2039
Delta R.T. 0.05 min
Lab File: BF095140.D
Acq: 15 May 2017 23:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 16927

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	115.0
141	45.3	31.4	47.2

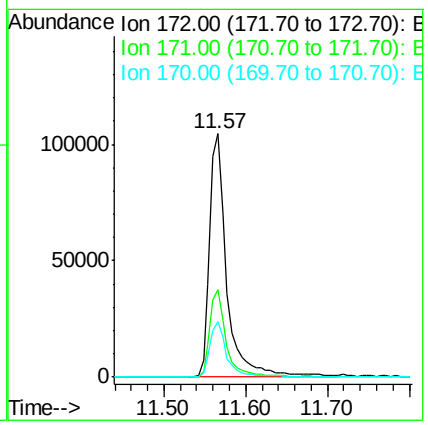


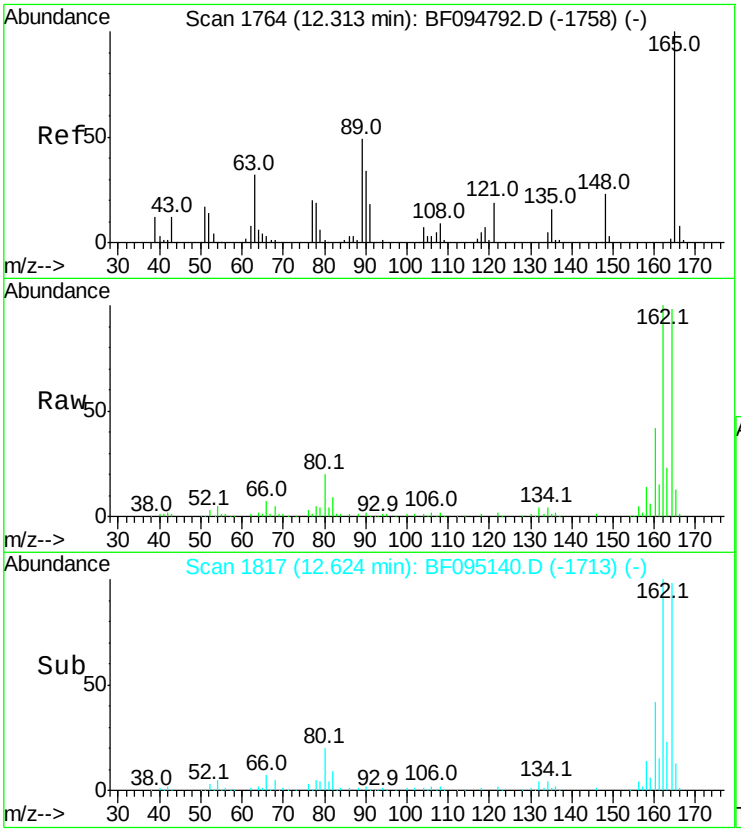


#44
2-Fluorobiphenyl
Concen: 15.05 ng
RT: 11.57 min Scan# 1637
Delta R.T. 0.04 min
Lab File: BF095140.D
Acq: 15 May 2017 23:00

Tgt Ion:172 Resp: 154003

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	22.8	19.8	29.8



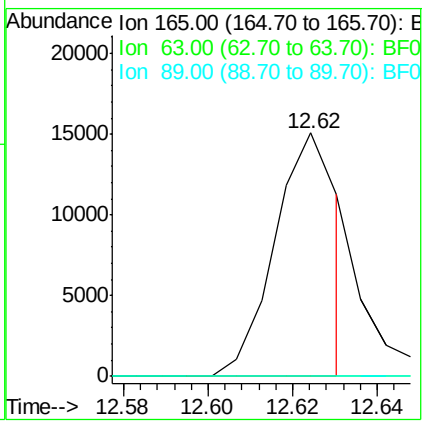


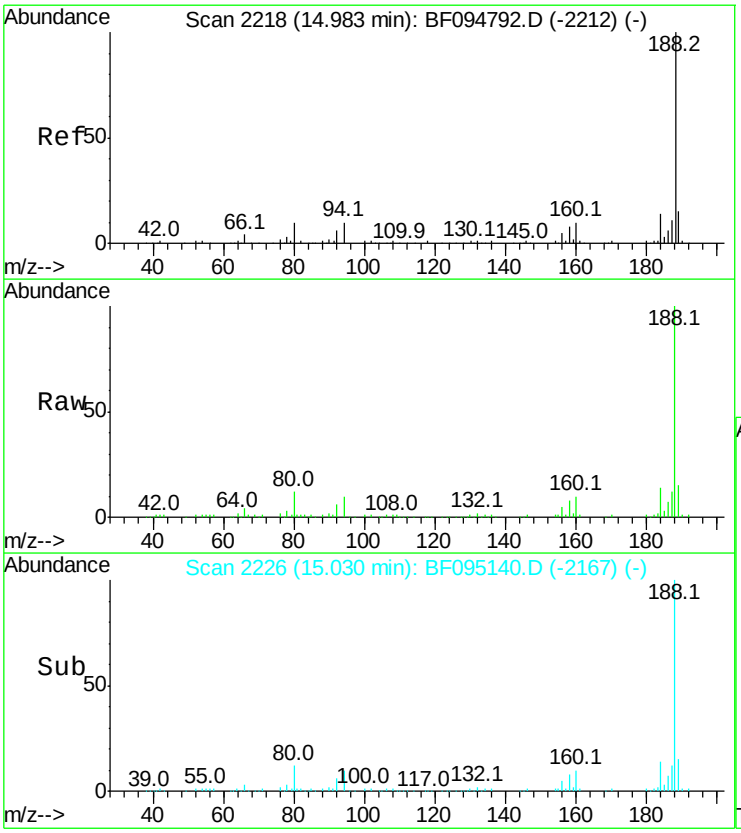
#50
2,6-Dinitrotoluene
Concen: 6.29 ng
RT: 12.62 min Scan# 1817
Delta R.T. 0.31 min
Lab File: BF095140.D
Acq: 15 May 2017 23:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 15501

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

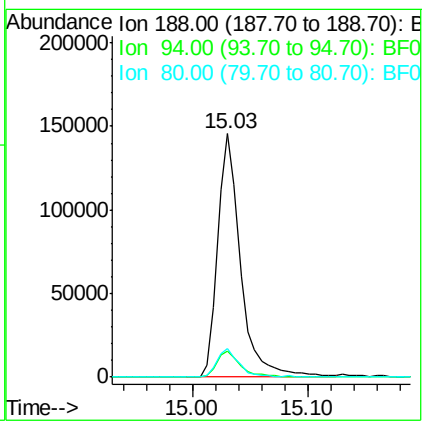


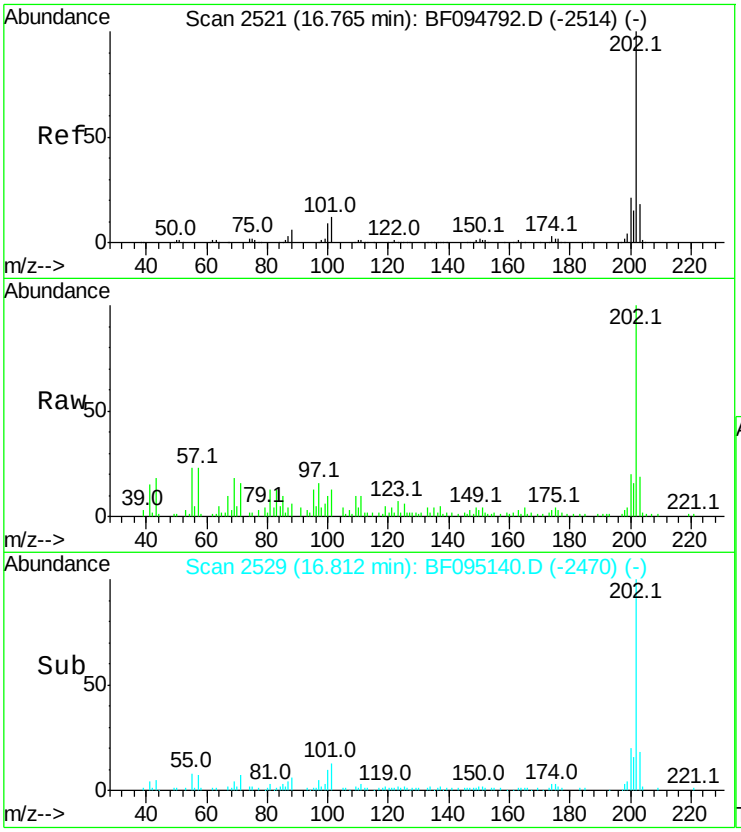


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.03 min Scan# 2226
Delta R.T. 0.05 min
Lab File: BF095140.D
Acq: 15 May 2017 23:00

Tgt Ion:188 Resp: 199969

Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.4	14.2
80	11.6	10.2	15.2



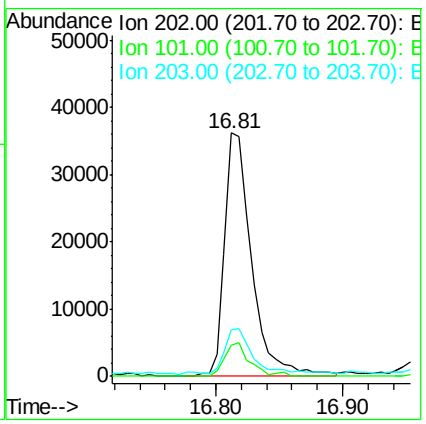


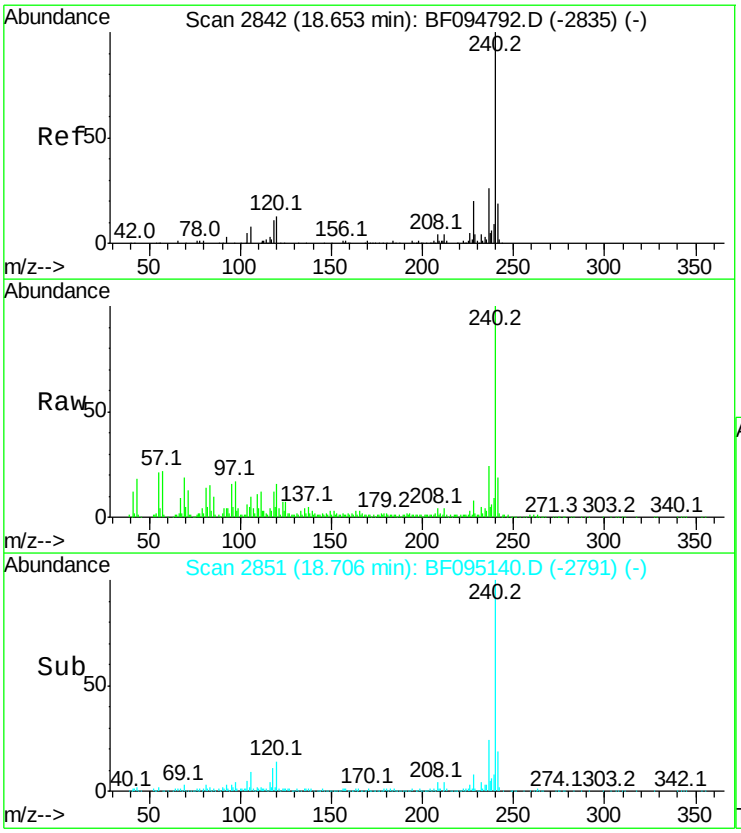
#74
Fluoranthene
Concen: 4.53 ng
RT: 16.81 min Scan# 2529
Delta R.T. 0.05 min
Lab File: BF095140.D
Acq: 15 May 2017 23:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 53390

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	33.2
203	19.3	0.0	38.1

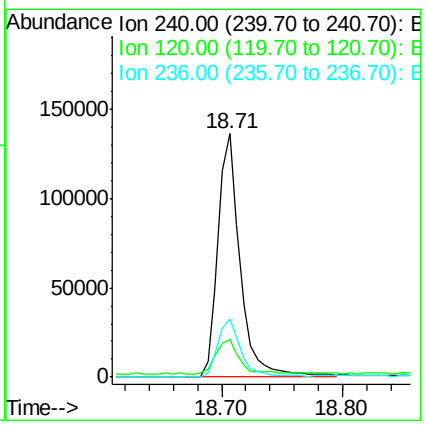


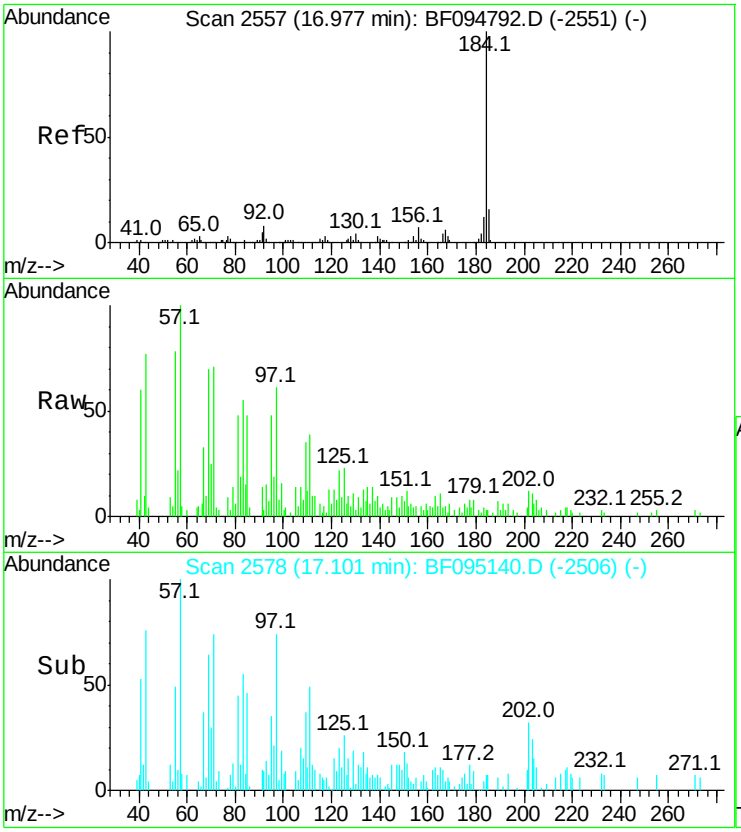


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.71 min Scan# 2851
Delta R.T. 0.05 min
Lab File: BF095140.D
Acq: 15 May 2017 23:00

Tgt Ion:240 Resp: 174110

Ion	Ratio	Lower	Upper
240	100		
120	15.6	5.8	8.8#
236	23.8	20.5	30.7



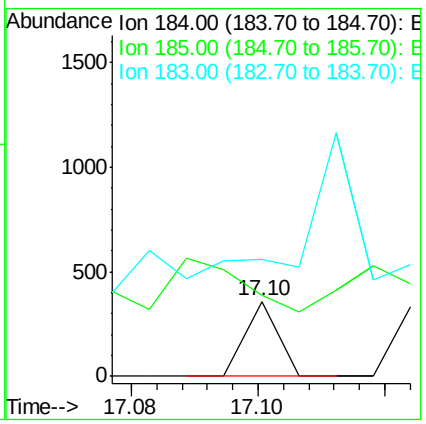


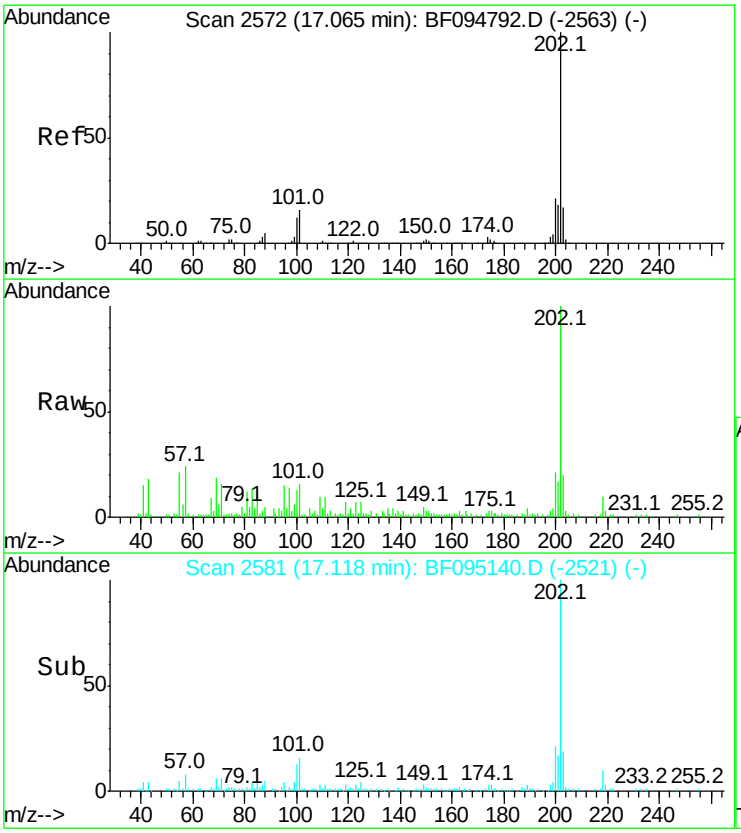
#76
Benzidine
Concen: 6.61 ng
RT: 17.10 min Scan# 2578
Delta R.T. 0.12 min
Lab File: BF095140.D
Acq: 15 May 2017 23:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 126

Ion	Ratio	Lower	Upper
184	100		
185	109.0	15.5	23.3#
183	157.4	9.8	14.6#

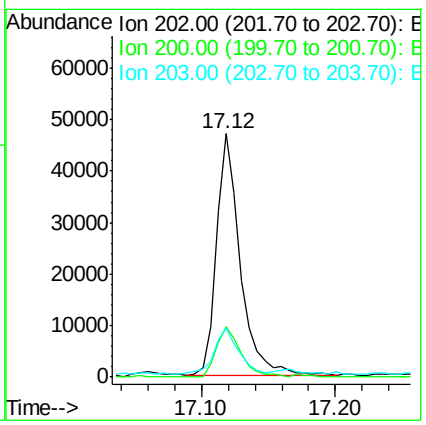


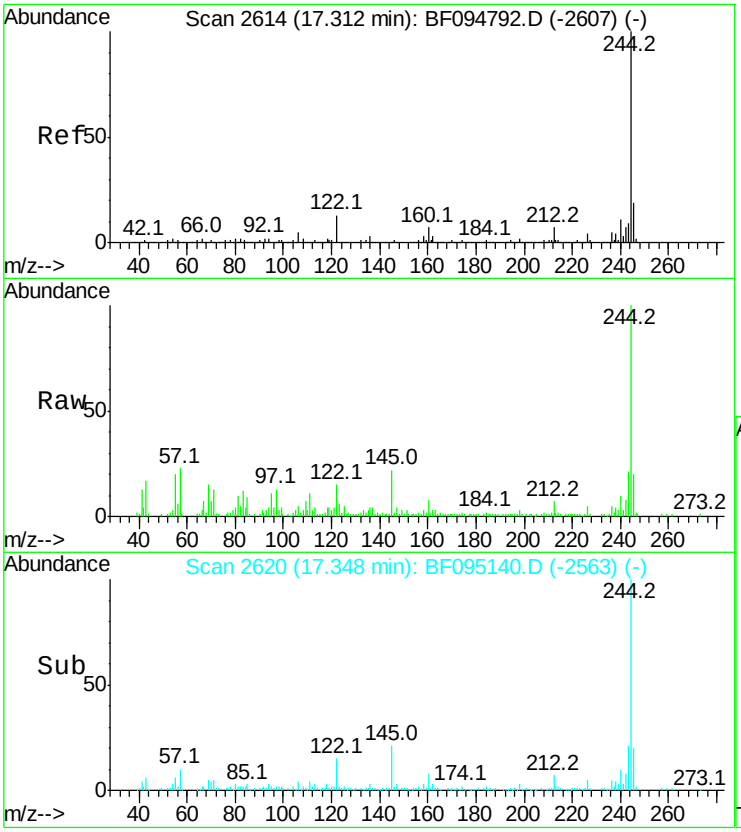


#77
Pyrene
Concen: 4.50 ng
RT: 17.12 min Scan# 2581
Delta R.T. 0.05 min
Lab File: BF095140.D
Acq: 15 May 2017 23:00

Tgt Ion:202 Resp: 58539

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.6	26.4
203	20.4	14.4	21.6



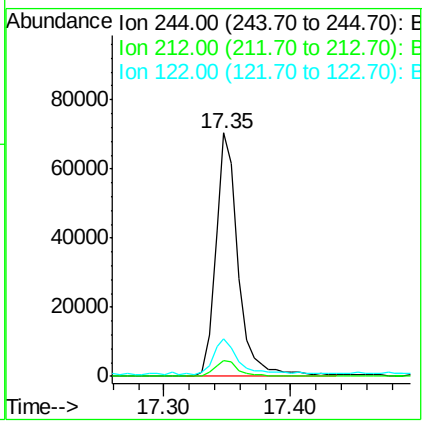


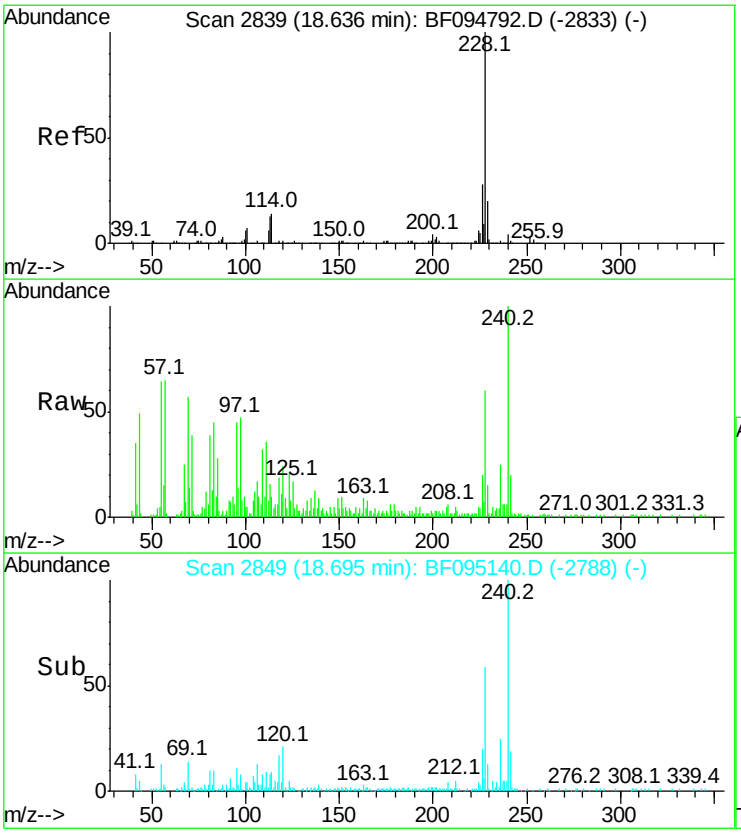
#78
Terphenyl-d14
Concen: 10.97 ng
RT: 17.35 min Scan# 2620
Delta R.T. 0.04 min
Lab File: BF095140.D
Acq: 15 May 2017 23:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 86701

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	15.5	10.3	15.5#

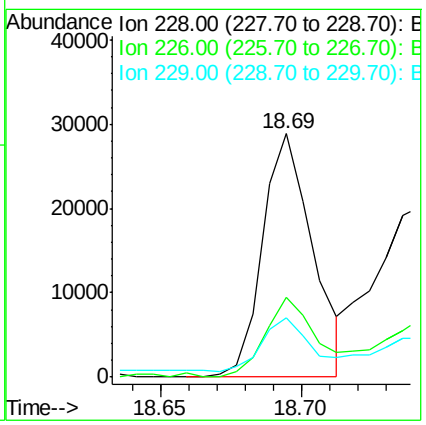


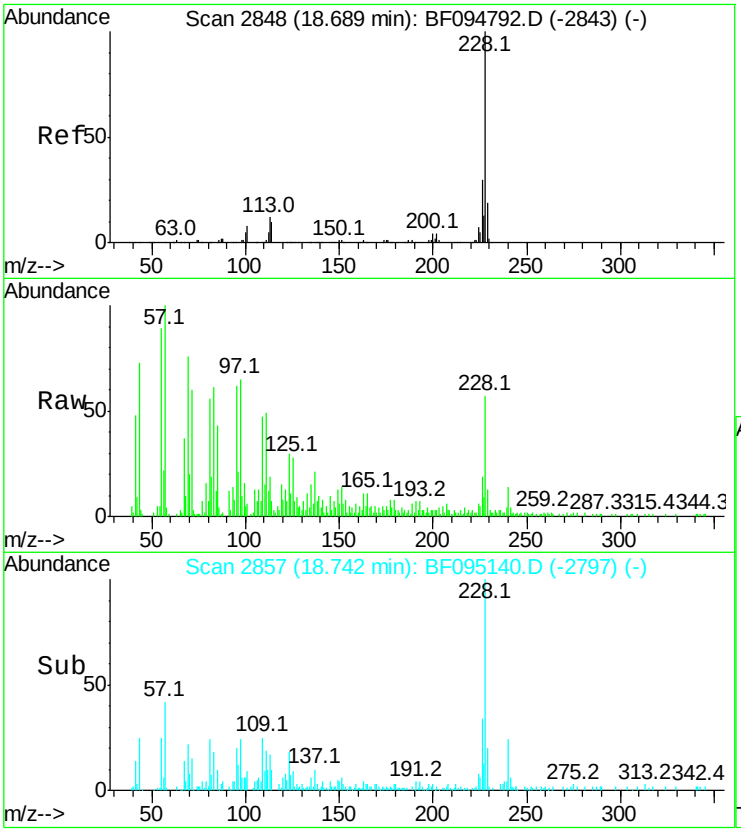


#80
Benzo(a)anthracene
Concen: 3.50 ng
RT: 18.69 min Scan# 2849
Delta R.T. 0.06 min
Lab File: BF095140.D
Acq: 15 May 2017 23:00

Tgt Ion:228 Resp: 35468

Ion	Ratio	Lower	Upper
228	100		
226	32.6	22.6	33.8
229	24.6	16.3	24.5#



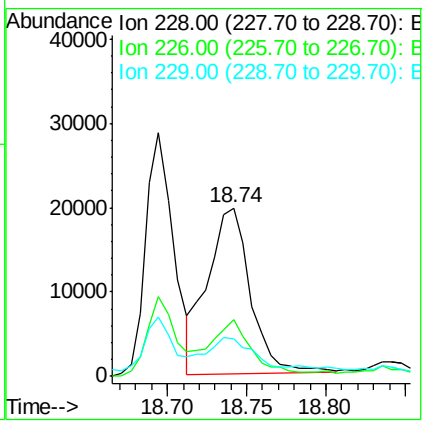


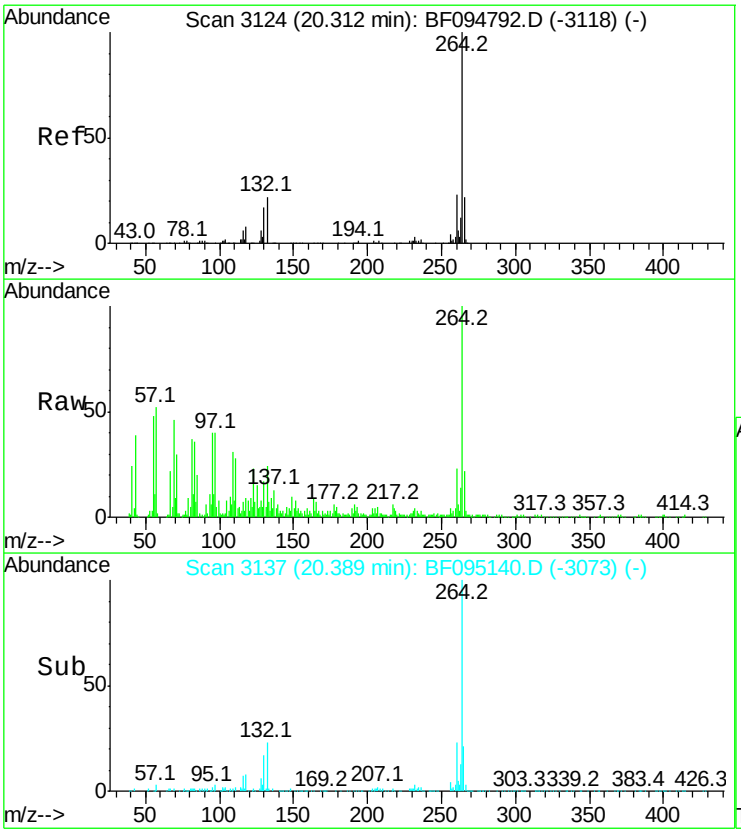
#82
Chrysene
Concen: 3.81 ng
RT: 18.74 min Scan# 2857
Delta R.T. 0.05 min
Lab File: BF095140.D
Acq: 15 May 2017 23:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 37351

Ion	Ratio	Lower	Upper
228	100		
226	33.9	24.9	37.3
229	22.6	15.8	23.6

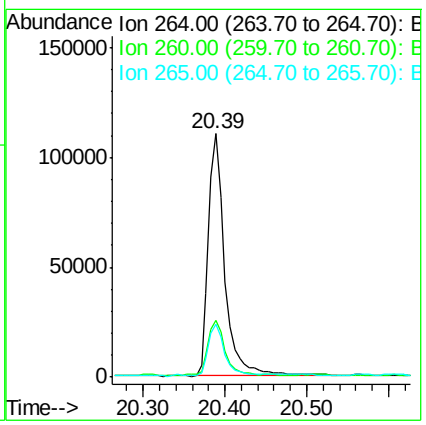


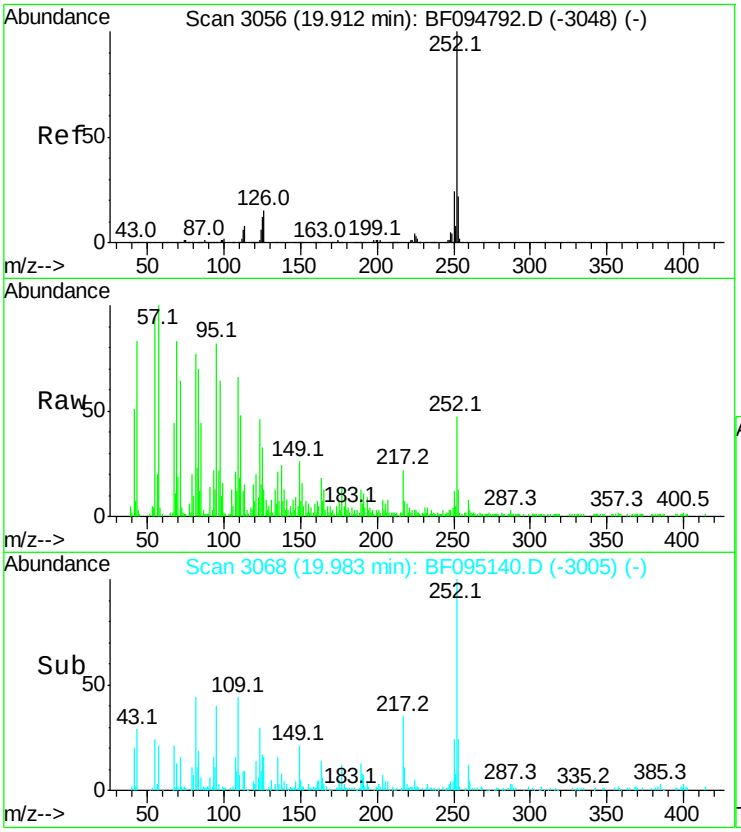


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.39 min Scan# 3137
Delta R.T. 0.08 min
Lab File: BF095140.D
Acq: 15 May 2017 23:00

Tgt Ion:264 Resp: 156066

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.7	17.2	25.8



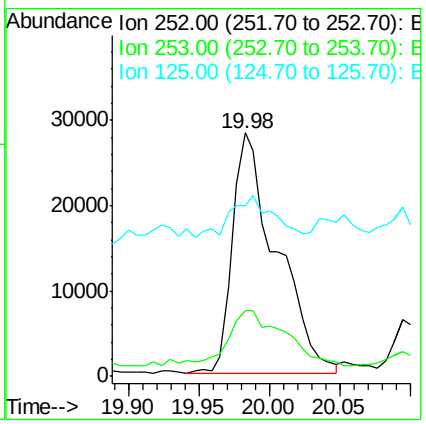


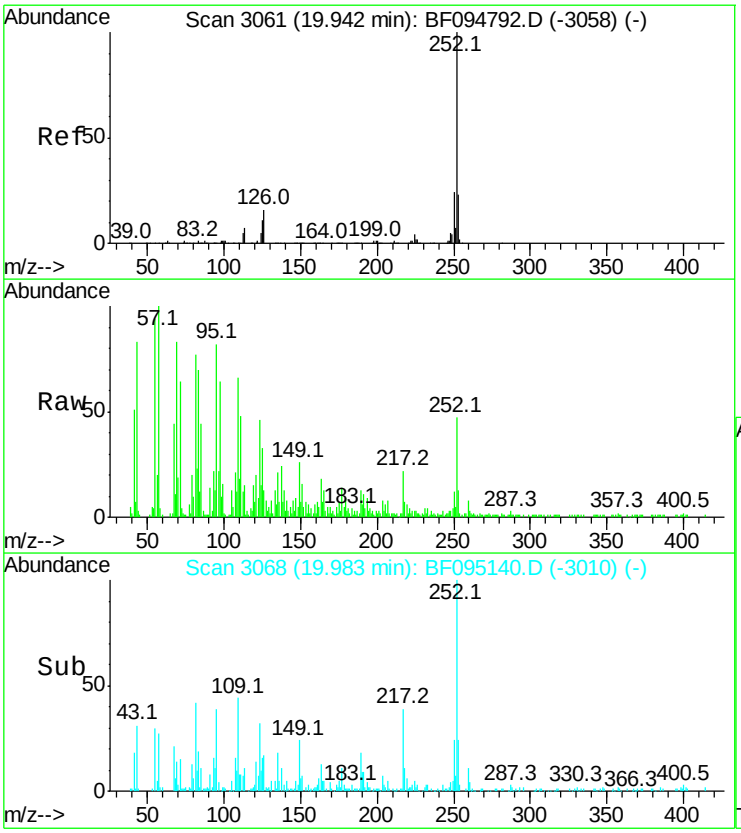
#87
Benzo(b)fluoranthene
Concen: 6.32 ng
RT: 19.98 min Scan# 3068
Delta R.T. 0.07 min
Lab File: BF095140.D
Acq: 15 May 2017 23:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 60979

Ion	Ratio	Lower	Upper
252	100		
253	27.1	18.1	27.1#
125	69.9	9.8	14.8#

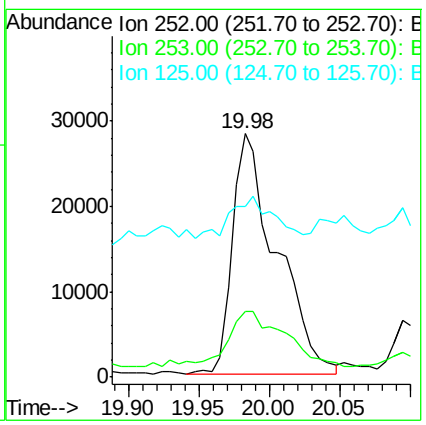


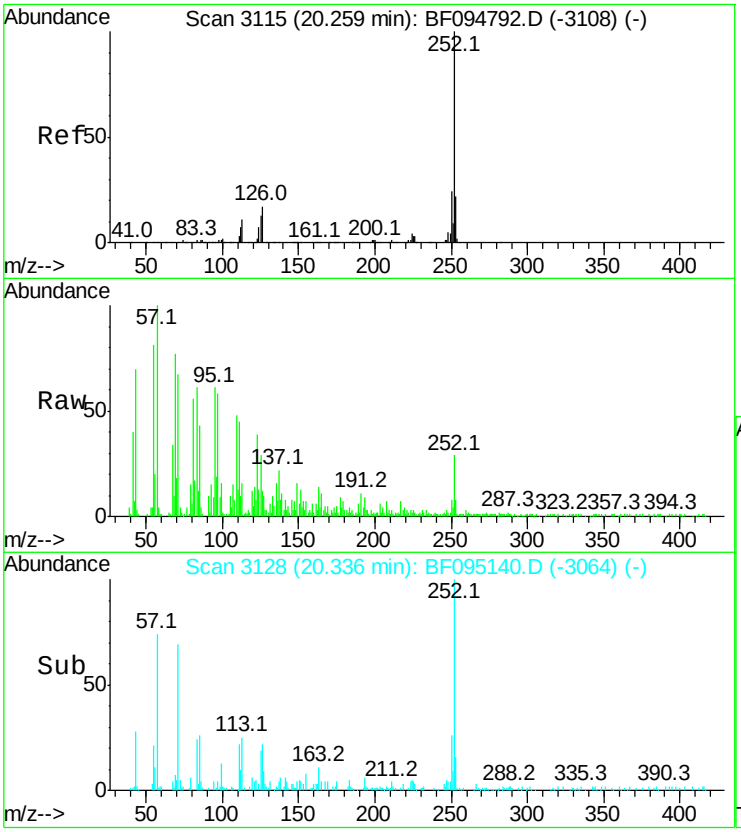


#88
Benzo(k)fluoranthene
Concen: 6.56 ng
RT: 19.98 min Scan# 3068
Delta R.T. 0.04 min
Lab File: BF095140.D
Acq: 15 May 2017 23:00

Tgt Ion:252 Resp: 60979

Ion	Ratio	Lower	Upper
252	100		
253	27.1	18.4	27.6
125	69.9	13.1	19.7#





#89
Benzo(a)pyrene
Concen: 2.96 ng
RT: 20.34 min Scan# 3128
Delta R.T. 0.08 min
Lab File: BF095140.D
Acq: 15 May 2017 23:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 26379

Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.5	26.3#
125	99.8	11.0	16.4#