Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
Data File : BF095309.D
Acq On : 22 May 2017 12:34
Operator : SJ/MA
Sample : I3203-01DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-CONCRETE-BATCH-10DL

Quant Time: May 22 13:50:58 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	7.76	152	69543	20.00	ng		0.00
21) Naphthalene-d8	9.78	136	293262	20.00	ng		0.00
38) Acenaphthene-d10	12.61	164	142339	20.00	ng		-0.01
63) Phenanthrene-d10	15.01	188	266229	20.00	ng		-0.02
75) Chrysene-d12	18.68	240	219369	20.00	ng		-0.01
86) Perylene-d12	20.36	264	149608	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.81	112	26192m	6.28	ng		0.08
7) Phenol-d6	7.36	99	63593	12.71	ng		0.05
23) Nitrobenzene-d5	8.67	82	64553	13.88	ng		0.00
41) 2,4,6-Tribromophenol	13.94	330	1869	1.60	ng		0.02
44) 2-Fluorobiphenyl	11.55	172	161949	16.38	ng		-0.01
78) Terphenyl-d14	17.32	244	156684	15.73	ng		-0.02
Target Compounds							Qvalue
37) 2-Methylnaphthalene	10.94	142	56735	5.87	ng		95
70) Phenanthrene	15.05	178	508077	33.21	ng		97
71) Anthracene	15.14	178	72590m	4.65	ng		
74) Fluoranthene	16.79	202	116415	7.42	ng		98
77) Pyrene	17.09	202	453415	27.64	ng		98
80) Benzo(a)anthracene	18.67	228	41836	3.28	ng	#	93
82) Chrysene	18.72	228	91345	7.40	ng	#	93

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

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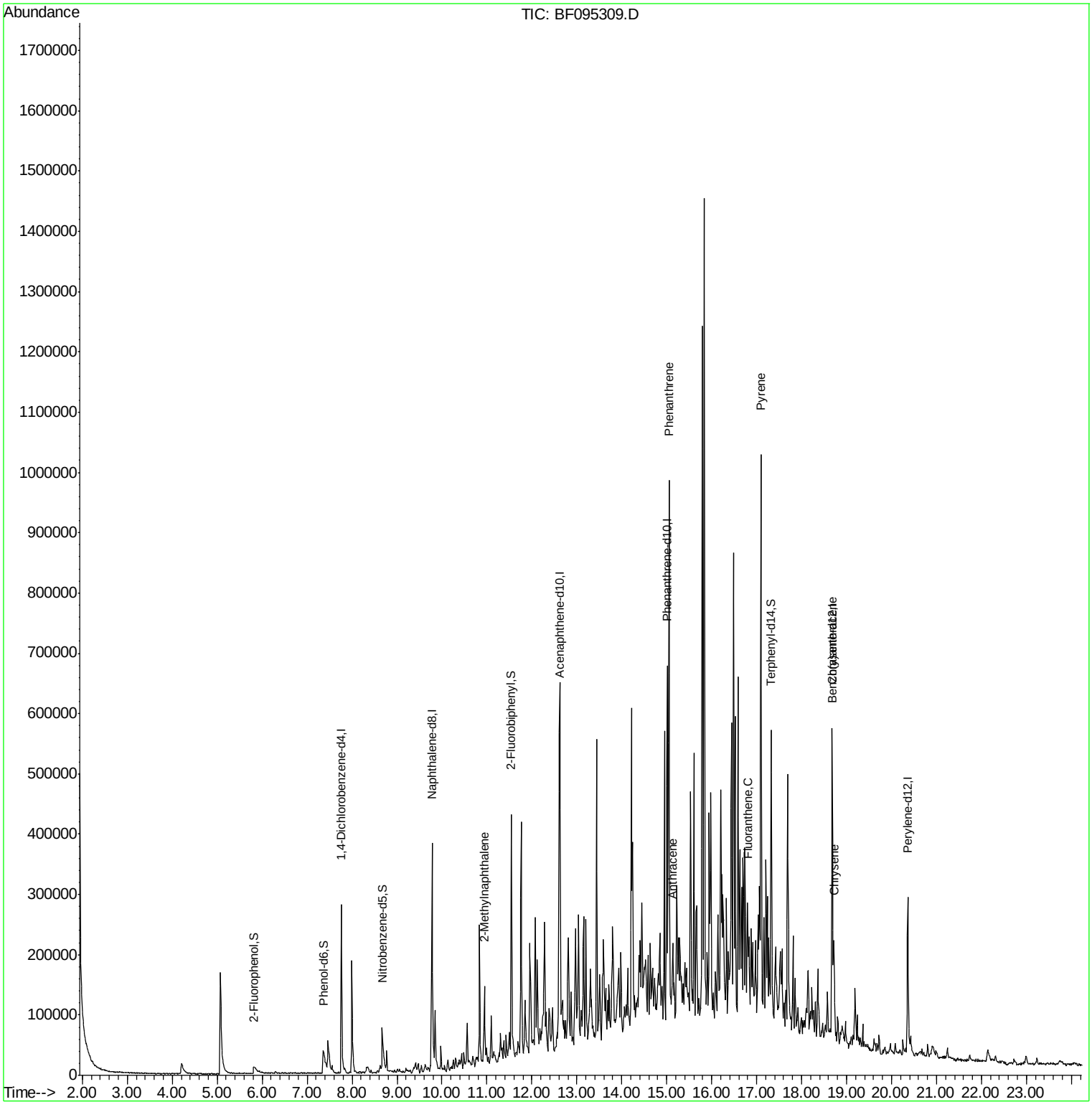
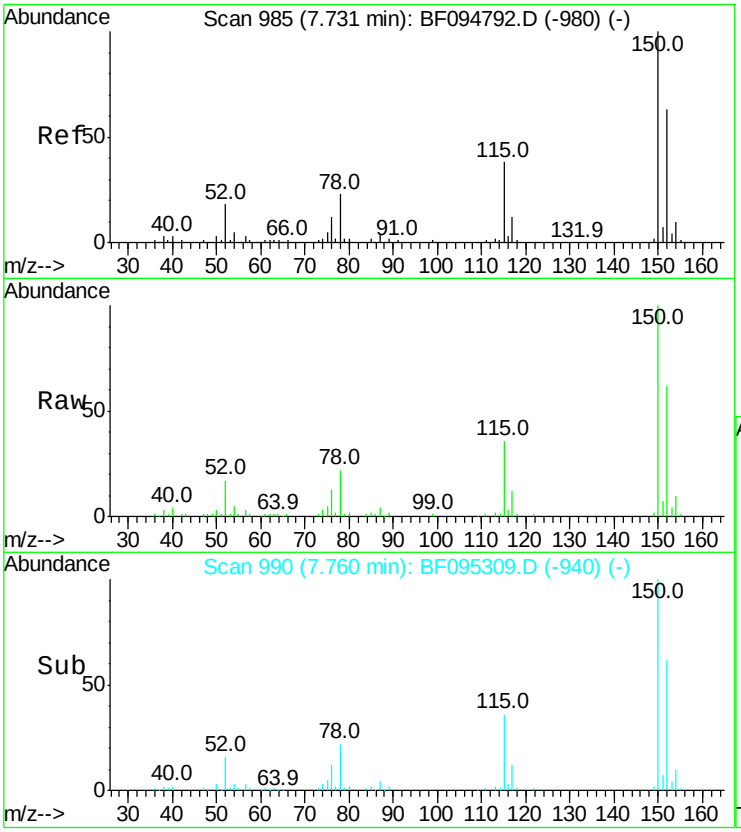


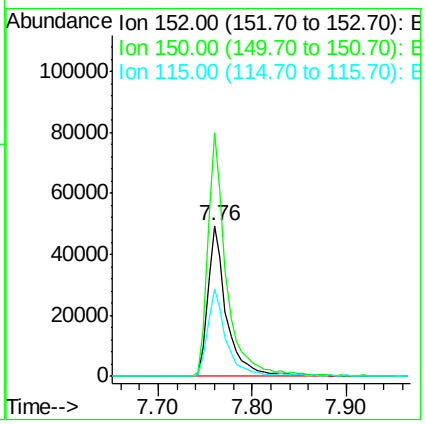


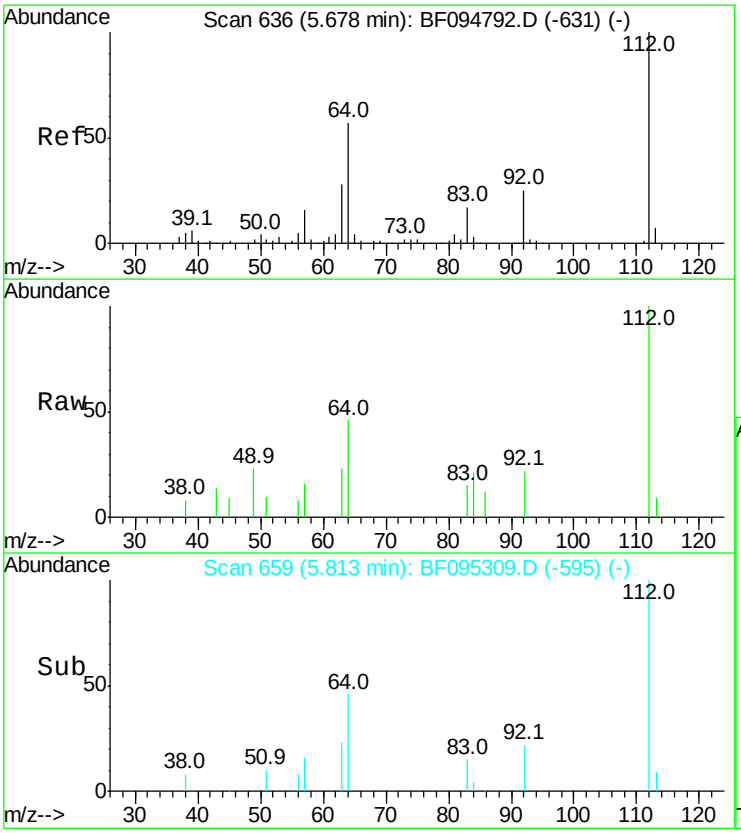
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF095309.D
Acq: 22 May 2017 12:34

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-BATCH-10DL

Tgt Ion:152 Resp: 69543

Ion	Ratio	Lower	Upper
152	100		
150	161.9	126.2	189.2
115	58.5	52.2	78.2

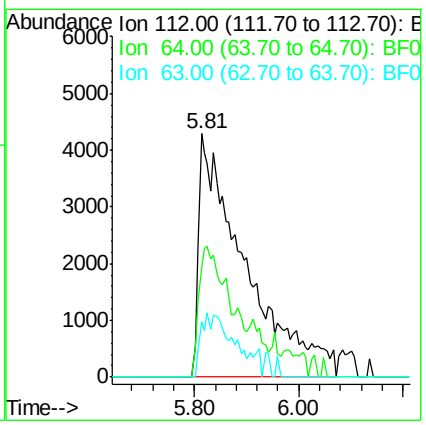


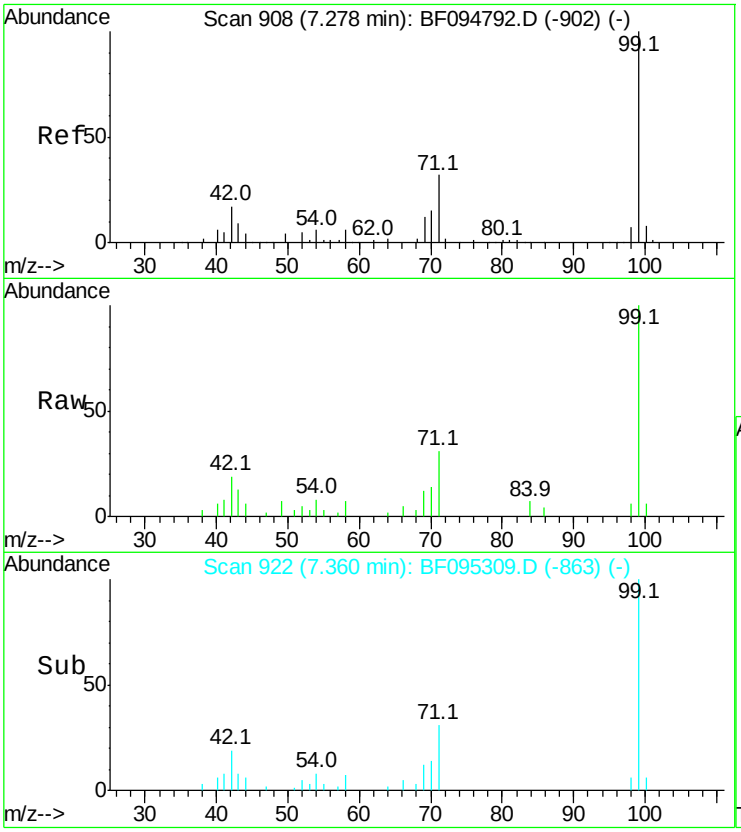


#5
2-Fluorophenol
Concen: 6.28 ng m
RT: 5.81 min Scan# 659
Delta R.T. 0.08 min
Lab File: BF095309.D
Acq: 22 May 2017 12:34

Tgt Ion:112 Resp: 26192

Ion	Ratio	Lower	Upper
112	100		
64	45.6	46.0	69.0#
63	22.9	23.4	35.0#



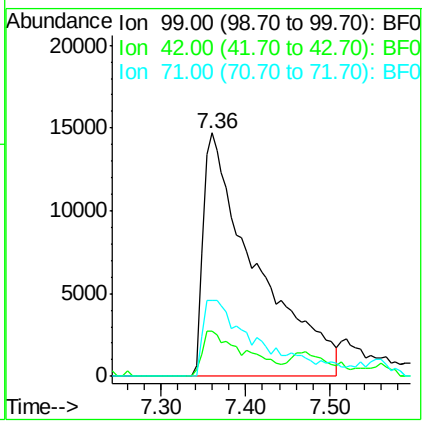


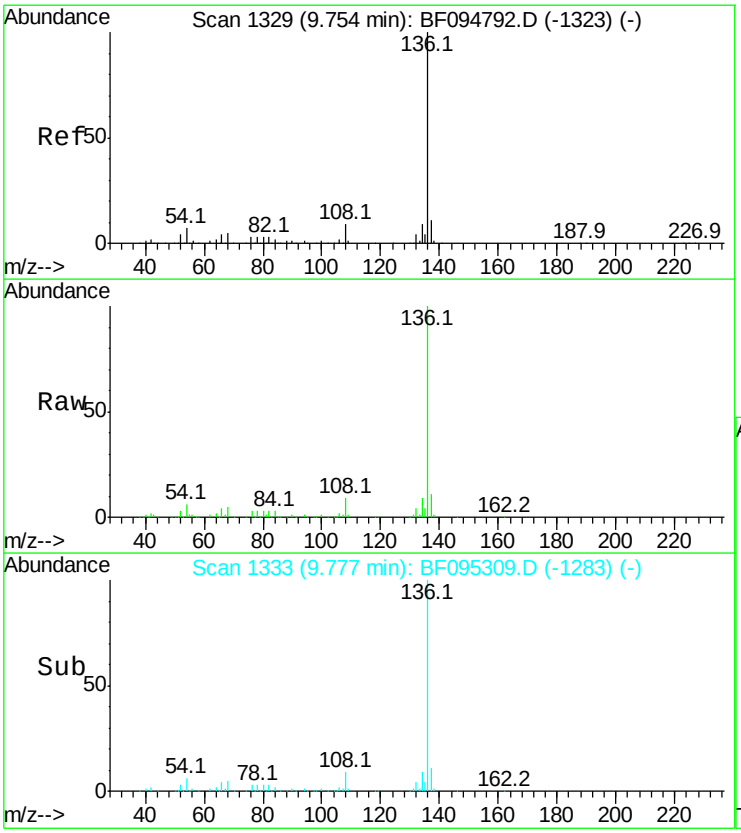
#7
Phenol-d6
Concen: 12.71 ng
RT: 7.36 min Scan# 922
Delta R.T. 0.05 min
Lab File: BF095309.D
Acq: 22 May 2017 12:34

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-BATCH-10DL

Tgt Ion: 99 Resp: 63593

Ion	Ratio	Lower	Upper
99	100		
42	18.6	13.5	20.3
71	31.1	24.5	36.7

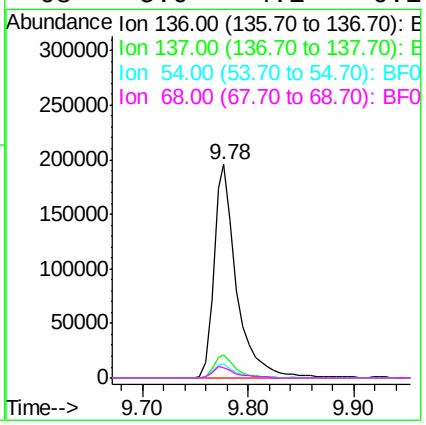


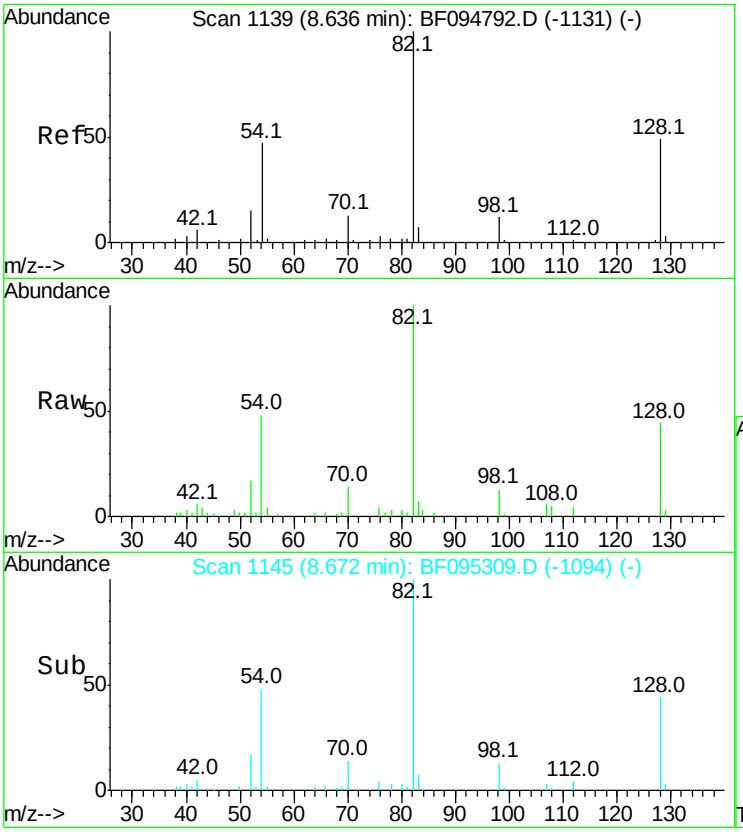


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.78 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF095309.D
Acq: 22 May 2017 12:34

Tgt Ion:136 Resp: 293262

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	6.5	4.9	7.3
68	5.0	4.1	6.1



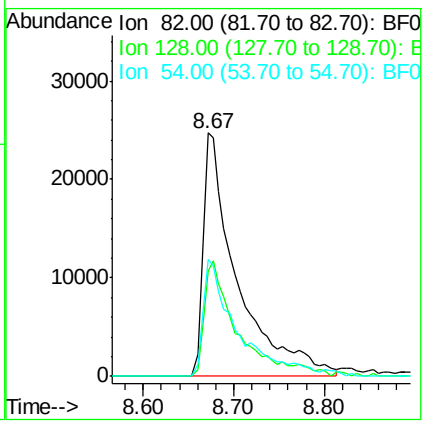


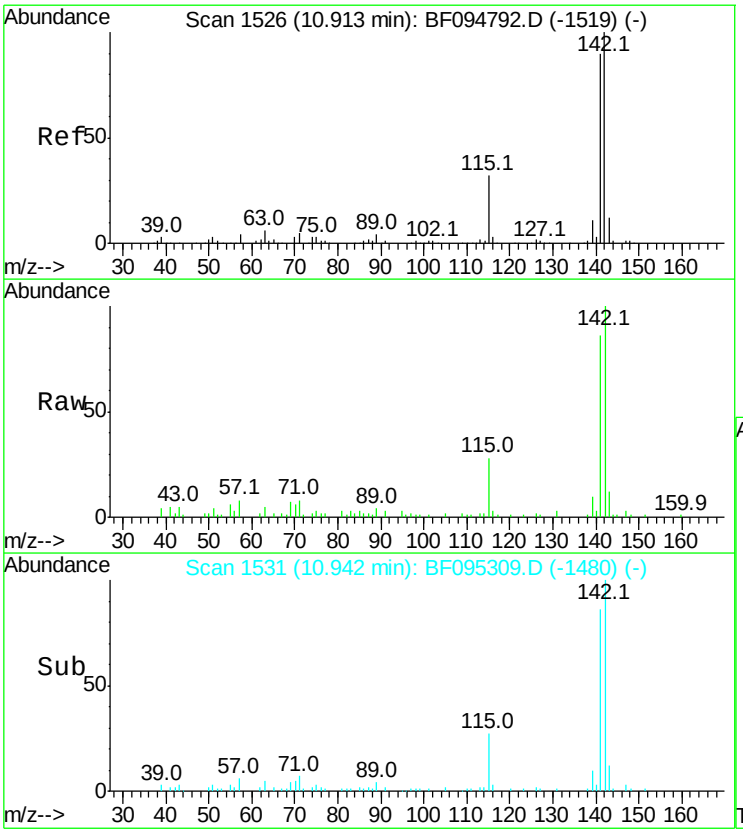
#23
Nitrobenzene-d5
Concen: 13.88 ng
RT: 8.67 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF095309.D
Acq: 22 May 2017 12:34

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-BATCH-10DL

Tgt Ion: 82 Resp: 64553

Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.0	51.0
54	48.2	42.2	63.2

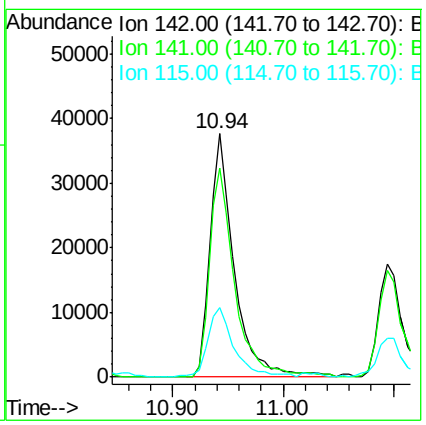


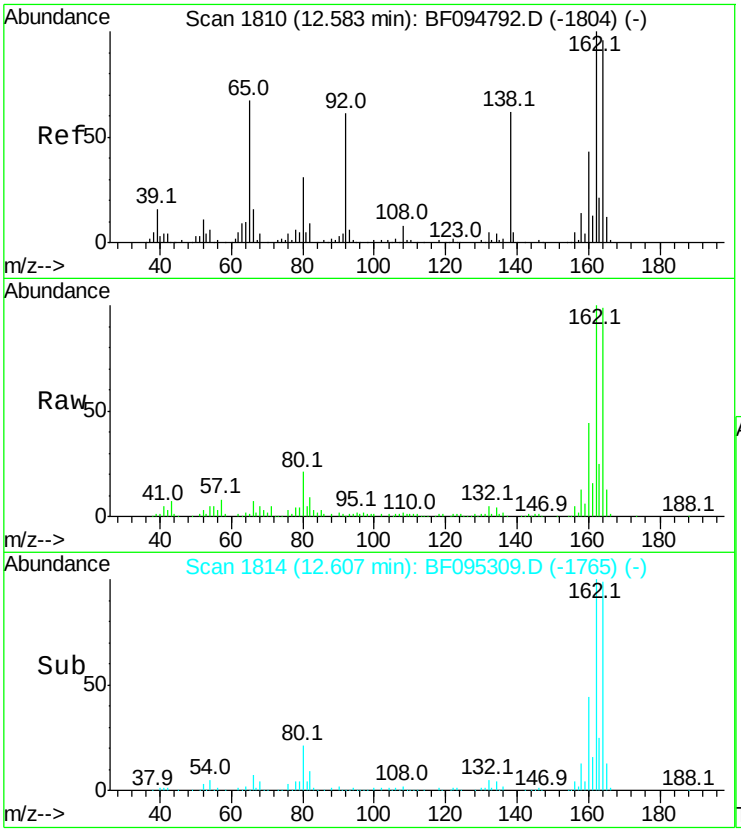


#37
2-Methylnaphthalene
Concen: 5.87 ng
RT: 10.94 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BF095309.D
Acq: 22 May 2017 12:34

Tgt Ion:142 Resp: 56735

Ion	Ratio	Lower	Upper
142	100		
141	85.9	71.3	106.9
115	28.4	27.1	40.7



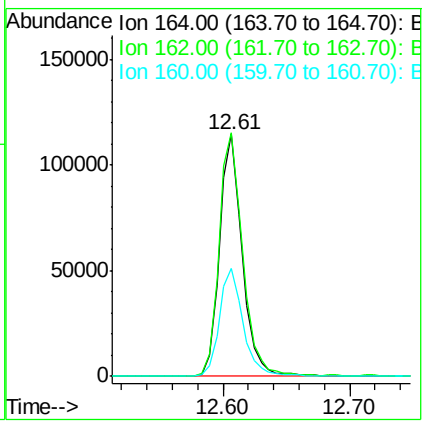


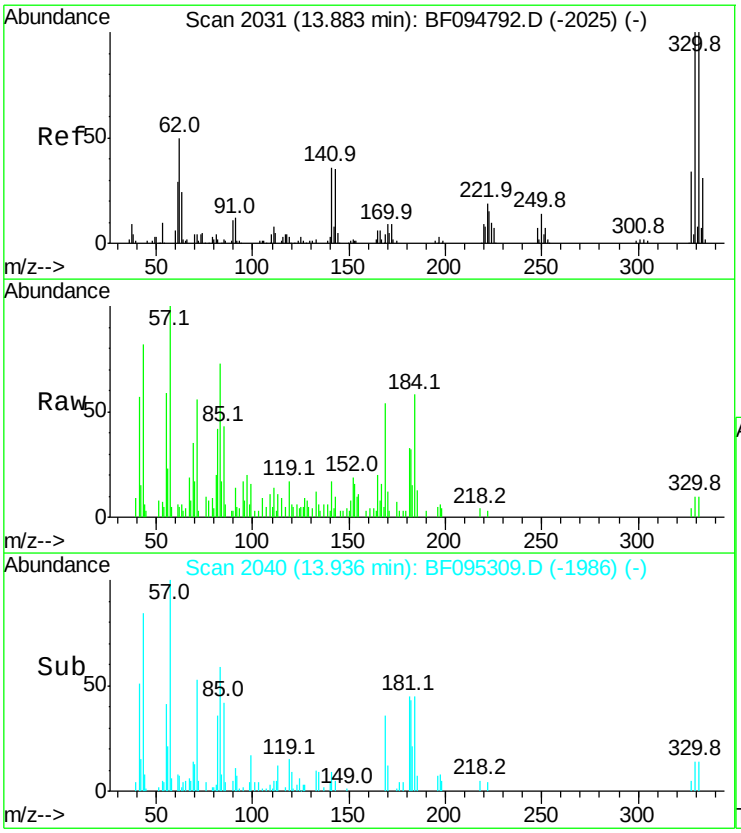
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.61 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF095309.D
Acq: 22 May 2017 12:34

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-BATCH-10DL

Tgt Ion:164 Resp: 142339

Ion	Ratio	Lower	Upper
164	100		
162	100.7	82.6	123.8
160	44.7	36.2	54.2

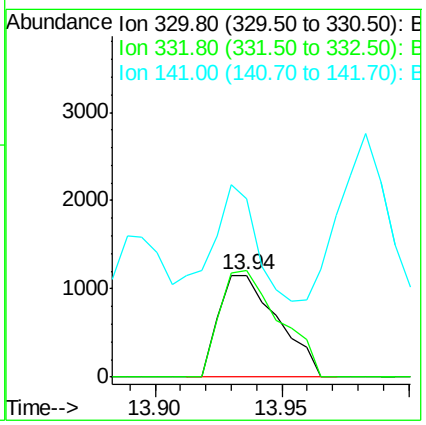


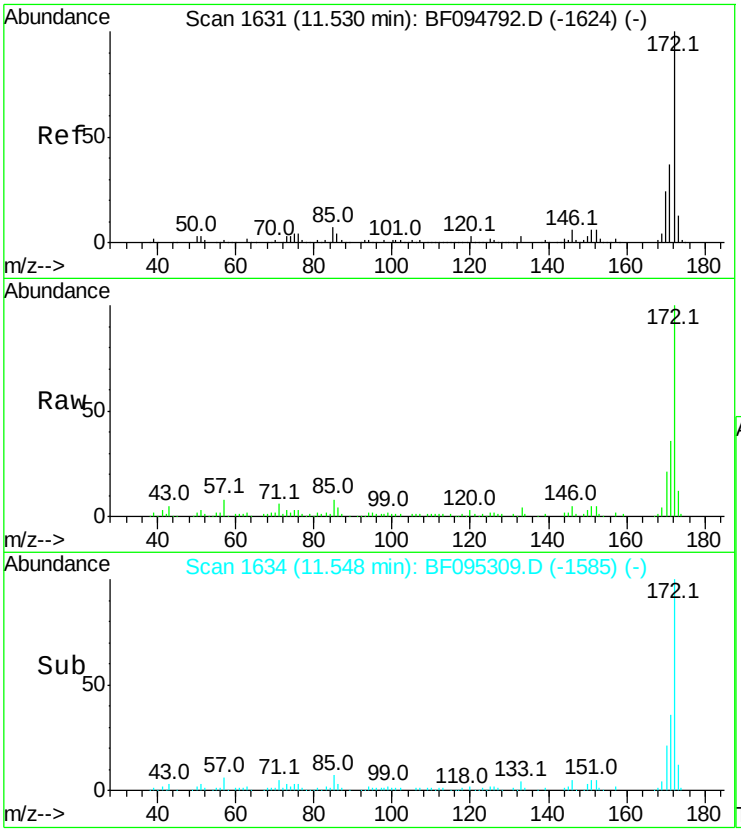


#41
2,4,6-Tribromophenol
Concen: 1.60 ng
RT: 13.94 min Scan# 2040
Delta R.T. 0.02 min
Lab File: BF095309.D
Acq: 22 May 2017 12:34

Tgt Ion:330 Resp: 1869

Ion	Ratio	Lower	Upper
330	100		
332	105.8	76.6	115.0
141	127.3	31.4	47.2#



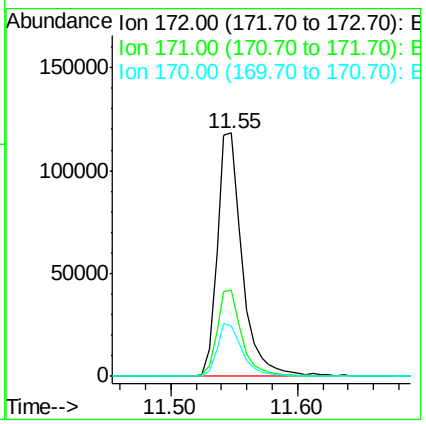


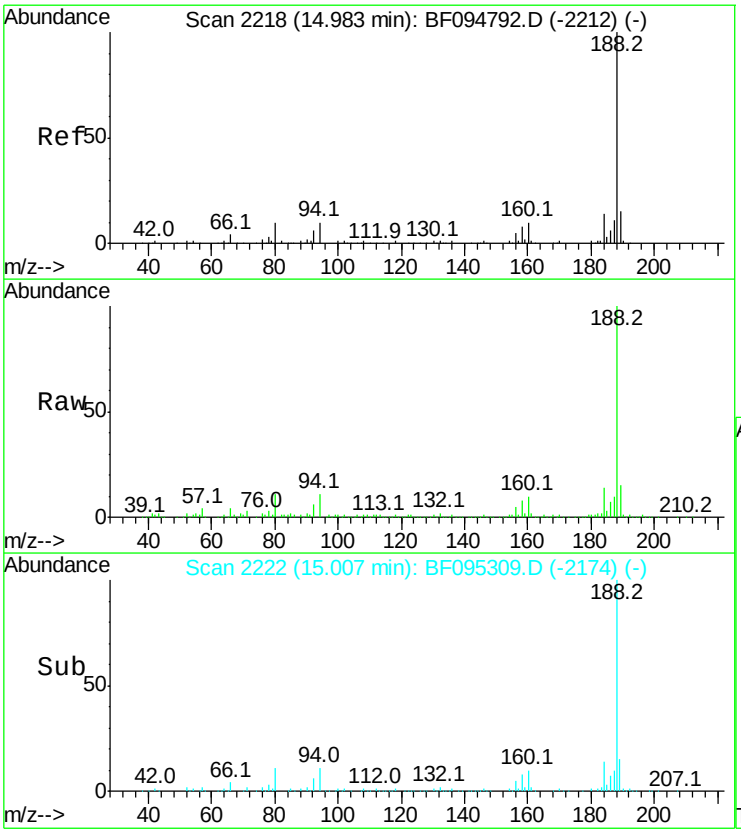
#44
2-Fluorobiphenyl
Concen: 16.38 ng
RT: 11.55 min Scan# 1634
Delta R.T. -0.01 min
Lab File: BF095309.D
Acq: 22 May 2017 12:34

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-BATCH-10DL

Tgt Ion:172 Resp: 161949

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	20.8	19.8	29.8

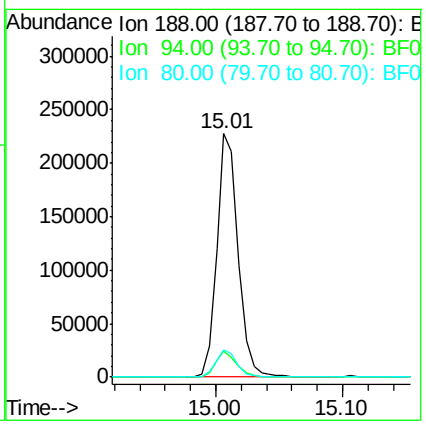


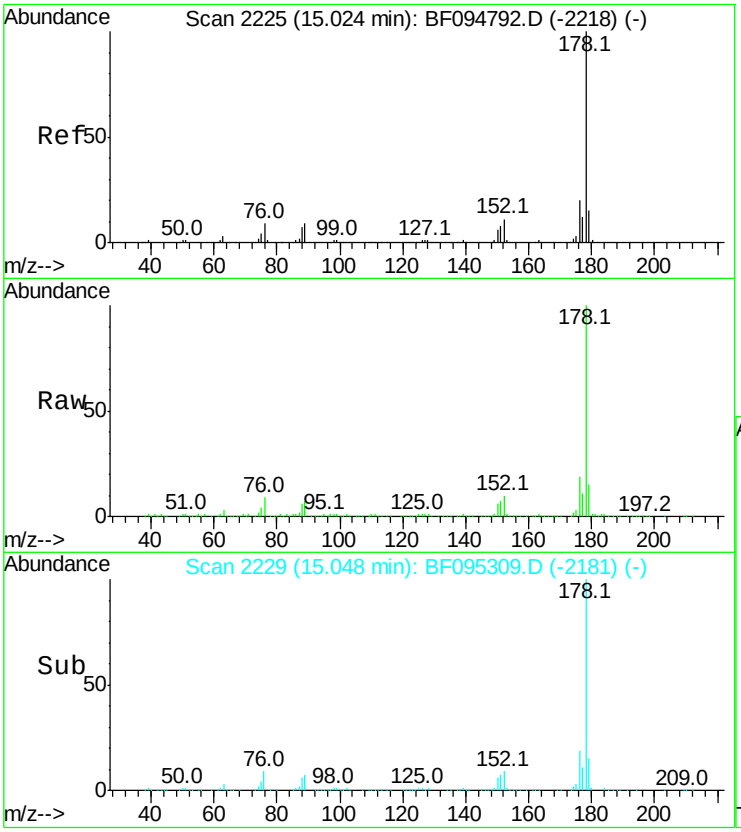


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 2222
Delta R.T. -0.02 min
Lab File: BF095309.D
Acq: 22 May 2017 12:34

Tgt Ion:188 Resp: 266229

Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	11.0	10.2	15.2



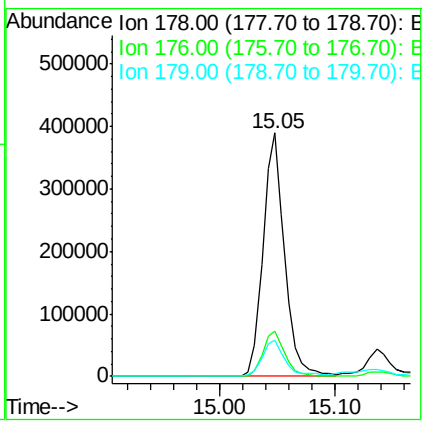


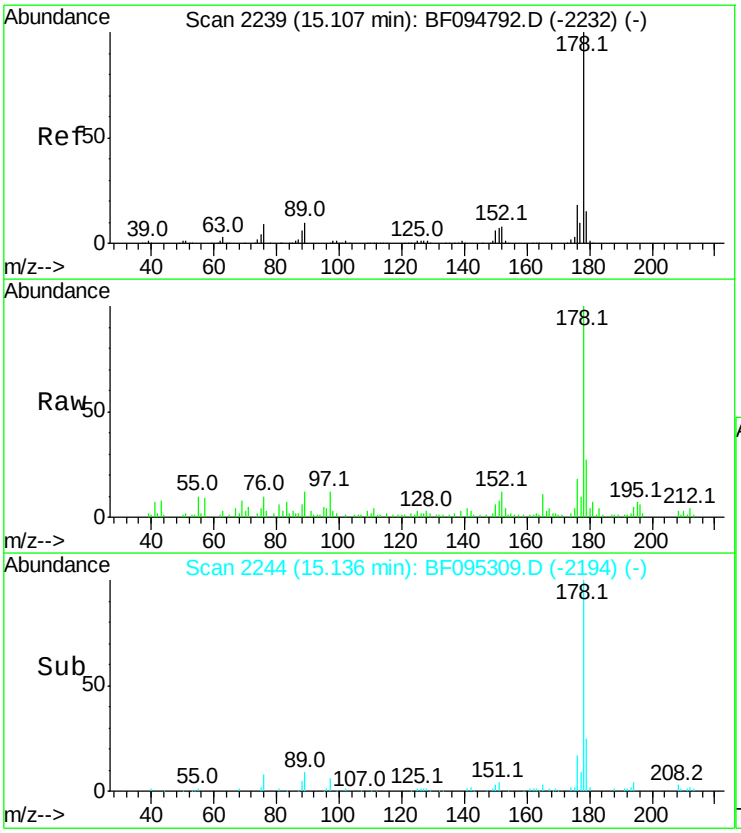
#70
Phenanthrene
Concen: 33.21 ng
RT: 15.05 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BF095309.D
Acq: 22 May 2017 12:34

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-BATCH-10DL

Tgt Ion:178 Resp: 508077

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.2	24.4
179	14.9	12.6	19.0

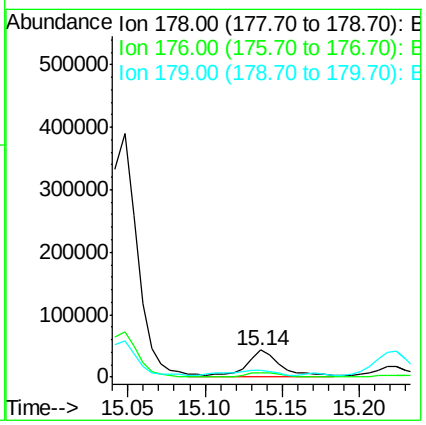


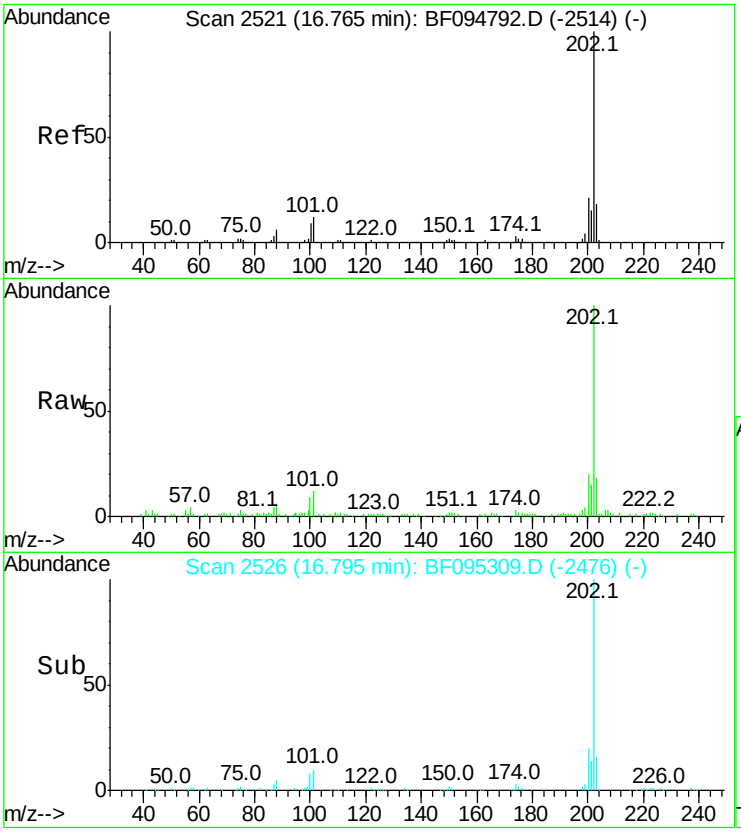


#71
Anthracene
Concen: 4.65 ng m
RT: 15.14 min Scan# 2244
Delta R.T. -0.01 min
Lab File: BF095309.D
Acq: 22 May 2017 12:34

Tgt Ion:178 Resp: 72590

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.8	23.8
179	27.0	12.7	19.1#



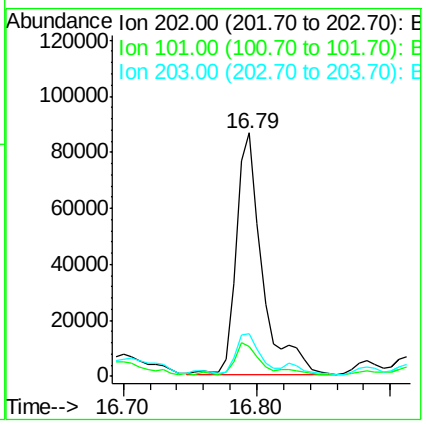


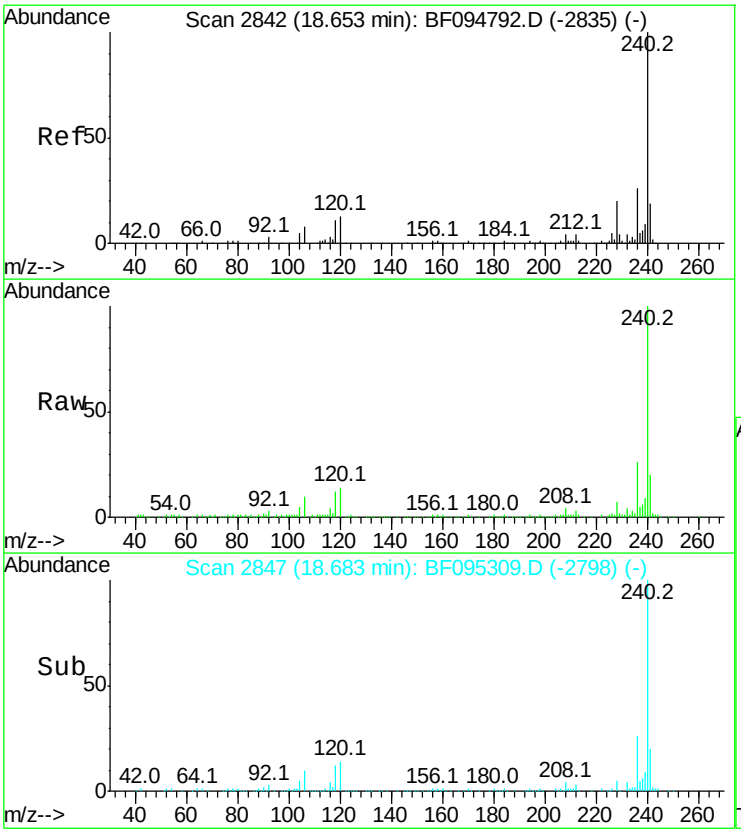
#74
Fluoranthene
Concen: 7.42 ng
RT: 16.79 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF095309.D
Acq: 22 May 2017 12:34

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-BATCH-10DL

Tgt Ion:202 Resp: 116415

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	33.2
203	17.6	0.0	38.1

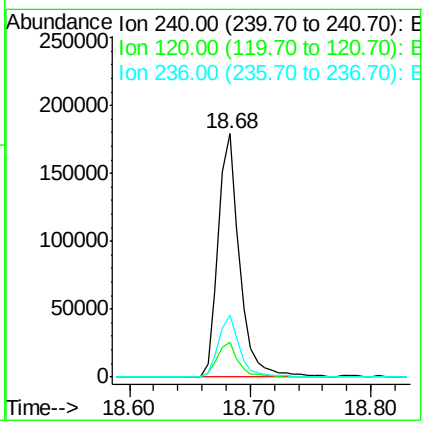


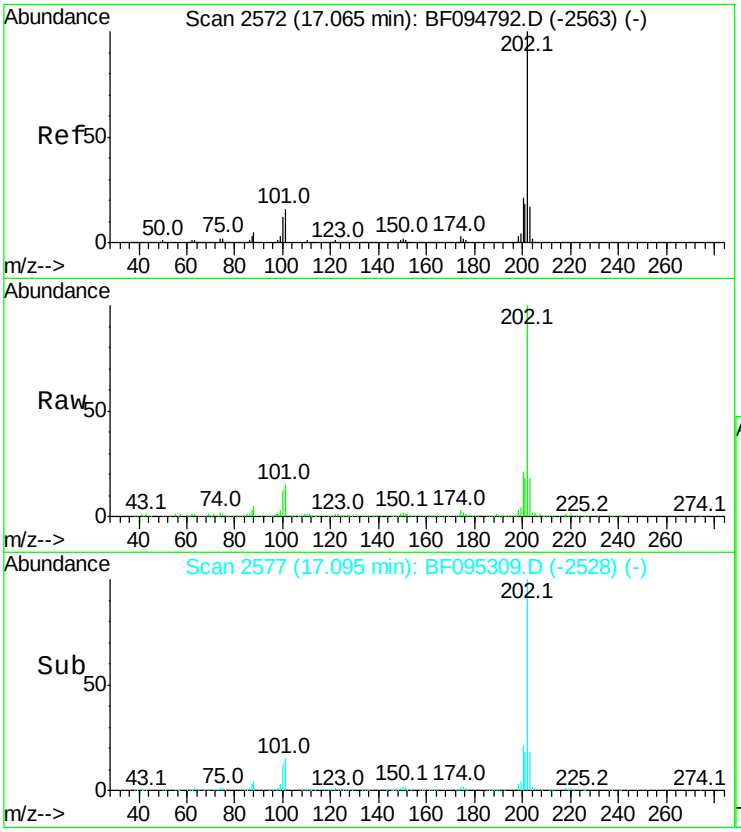


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.68 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BF095309.D
Acq: 22 May 2017 12:34

Tgt Ion:240 Resp: 219369

Ion	Ratio	Lower	Upper
240	100		
120	14.3	5.8	8.8#
236	25.6	20.5	30.7



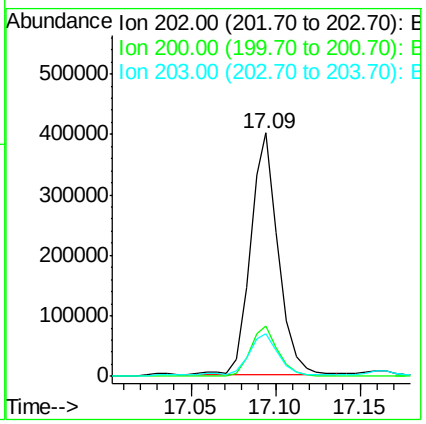


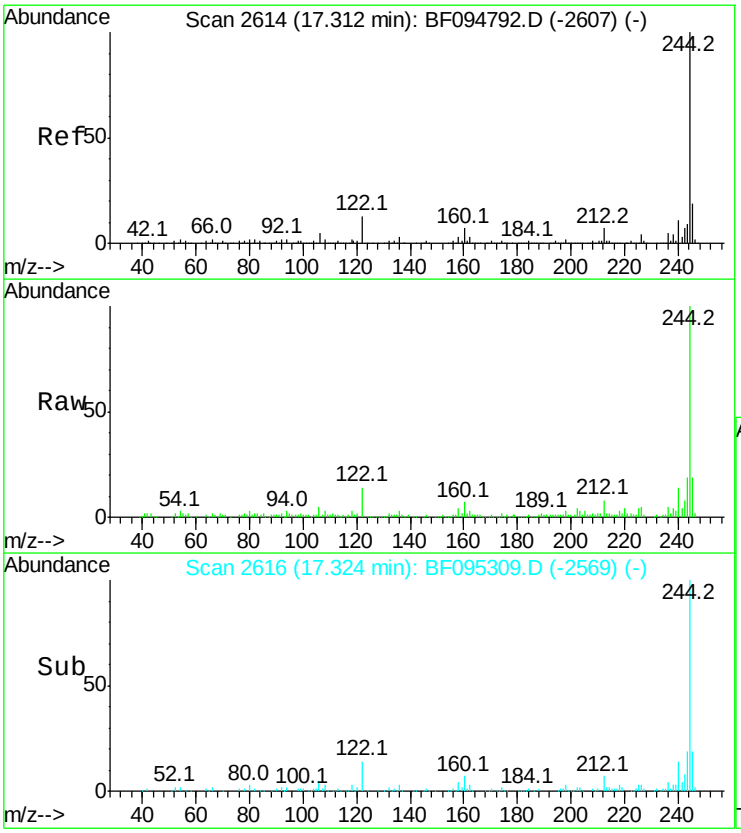
#77
Pyrene
Concen: 27.64 ng
RT: 17.09 min Scan# 2577
Delta R.T. -0.01 min
Lab File: BF095309.D
Acq: 22 May 2017 12:34

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-BATCH-10DL

Tgt Ion:202 Resp: 453415

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.6	26.4
203	17.7	14.4	21.6

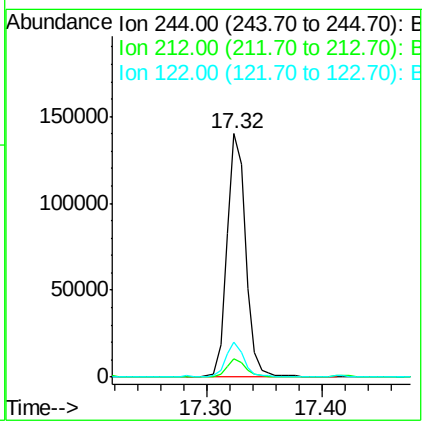


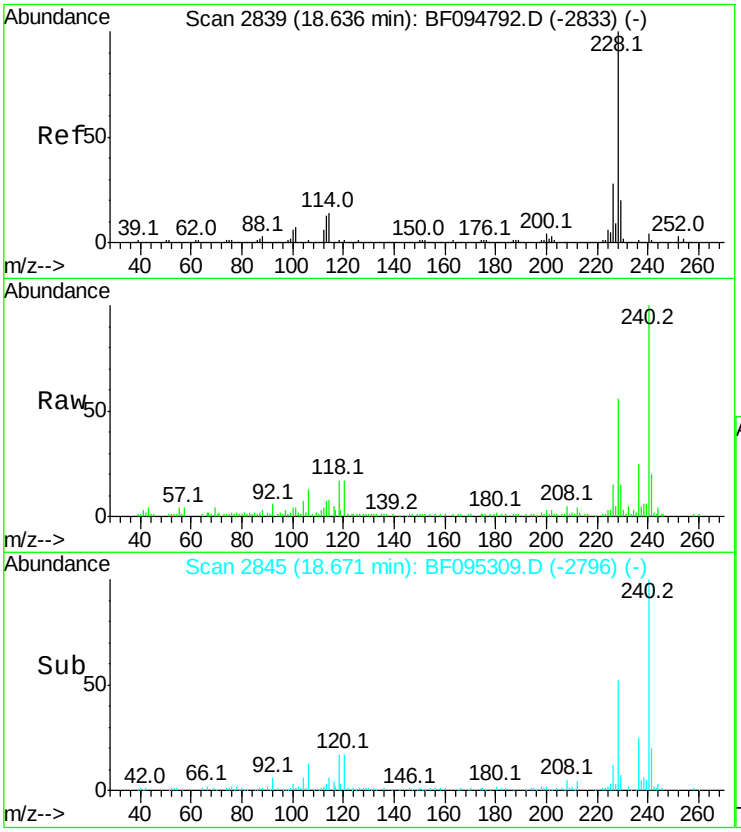


#78
Terphenyl-d14
Concen: 15.73 ng
RT: 17.32 min Scan# 2616
Delta R.T. -0.02 min
Lab File: BF095309.D
Acq: 22 May 2017 12:34

Tgt Ion:244 Resp: 156684

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	14.2	10.3	15.5



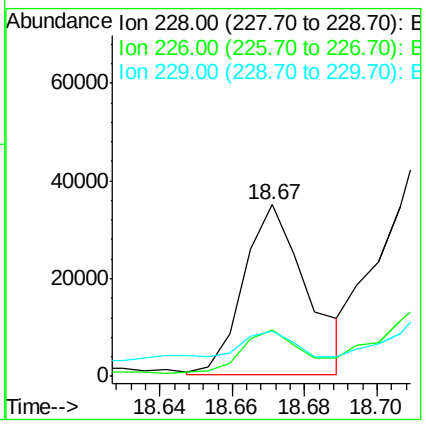


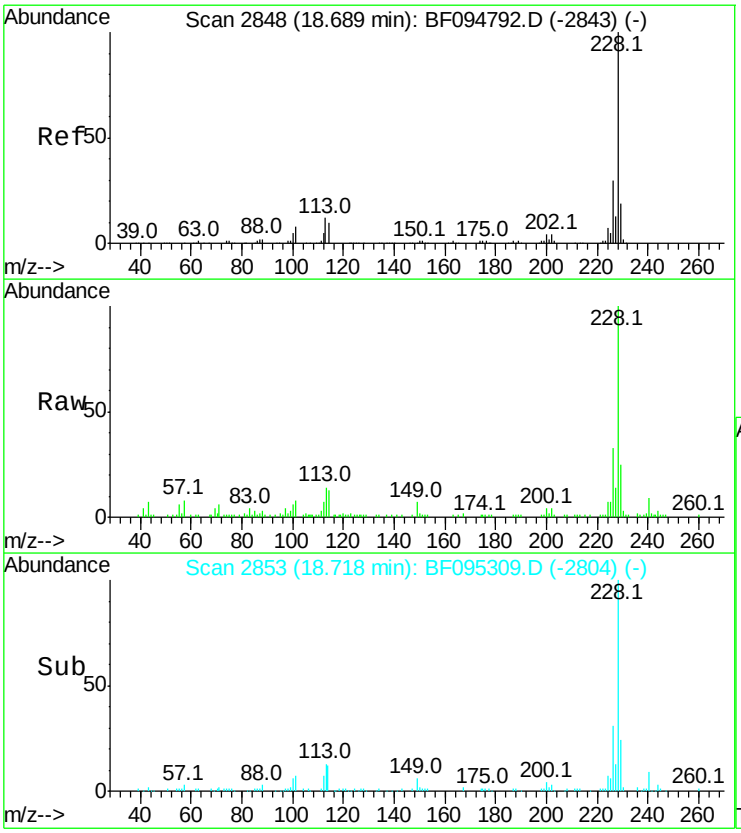
#80
Benzo(a)anthracene
Concen: 3.28 ng
RT: 18.67 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BF095309.D
Acq: 22 May 2017 12:34

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-BATCH-10DL

Tgt Ion:228 Resp: 41836

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	26.5	16.3	24.5#

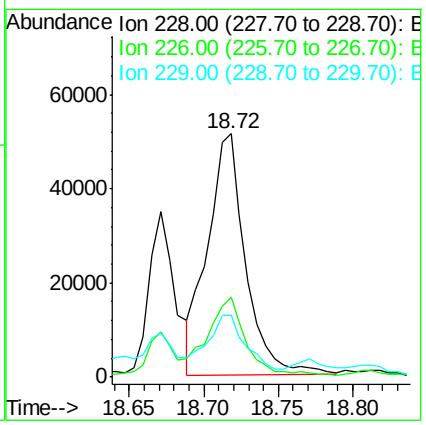


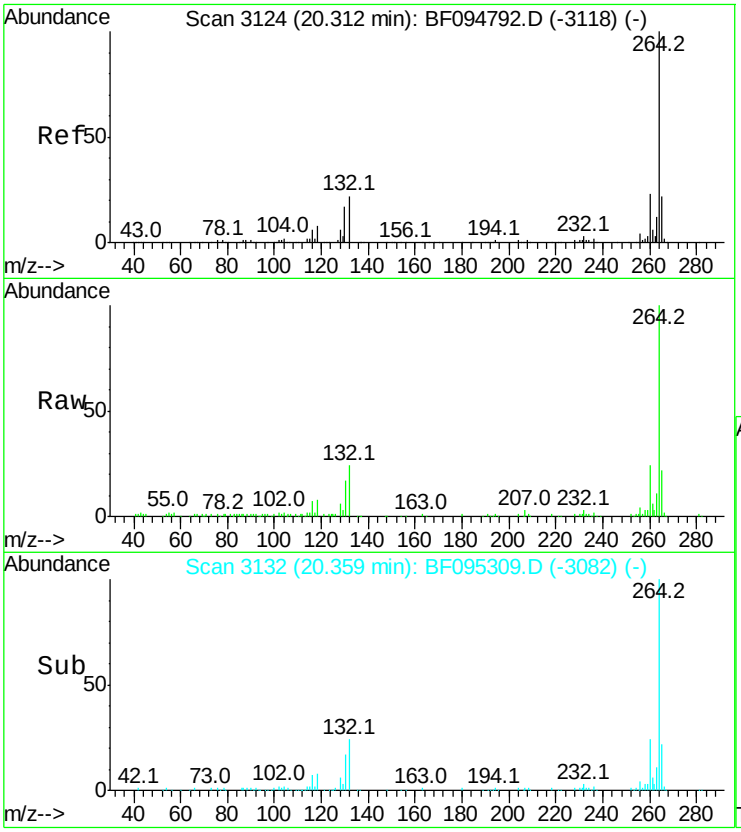


#82
Chrysene
Concen: 7.40 ng
RT: 18.72 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BF095309.D
Acq: 22 May 2017 12:34

Tgt Ion:228 Resp: 91345

Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.9	37.3
229	25.4	15.8	23.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BF095309.D
Acq: 22 May 2017 12:34

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-BATCH-10DL

Tgt Ion:264 Resp: 149608

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.9	17.2	25.8