Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042617\
Data File : BF094657.D
Acq On : 26 Apr 2017 19:56
Operator : SJ/MA
Sample : I2813-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 27 01:25:24 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	134837	20.00	ng		0.00
21) Naphthalene-d8	7.25	136	557308	20.00	ng		-0.01
38) Acenaphthene-d10	9.38	164	232600	20.00	ng		-0.02
63) Phenanthrene-d10	11.20	188	398076	20.00	ng		-0.02
75) Chrysene-d12	14.45	240	270467	20.00	ng		-0.01
86) Perylene-d12	16.08	264	250721	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.30	112	916049	112.71	ng		0.00
7) Phenol-d6	5.38	99	1154127	120.46	ng		0.00
23) Nitrobenzene-d5	6.41	82	701481	77.72	ng		0.00
41) 2,4,6-Tribromophenol	10.36	330	205998	113.23	ng		-0.01
44) 2-Fluorobiphenyl	8.57	172	1174477	74.29	ng		-0.01
78) Terphenyl-d14	13.18	244	644270	63.67	ng		-0.01
Target Compounds							Qvalue
10) Phenol	5.40	94	65653	5.58	ng		87
19) n-Nitroso-di-n-propylamine	6.41	70	93615	14.75	ng	#	76
49) Dimethylphthalate	9.07	163	161459	9.31	ng		98
51) Acenaphthene	9.42	154	30433	2.16	ng		99
53) 2,4-Dinitrophenol	9.69	184	331	5.90	ng	#	57
57) Fluorene	10.05	166	51933	3.25	ng		97
70) Phenanthrene	11.24	178	723545	32.28	ng		98
71) Anthracene	11.29	178	210458	9.08	ng		96
74) Fluoranthene	12.69	202	656473	28.26	ng		99
77) Pyrene	12.97	202	601547	31.83	ng		98
80) Benzo(a)anthracene	14.44	228	202830	12.90	ng		99
82) Chrysene	14.48	228	179078	12.46	ng		98
85) Indeno(1,2,3-cd)pyrene	17.35	276	82138	6.01	ng		95
87) Benzo(b)fluoranthene	15.68	252	249558	16.27	ng	#	95
88) Benzo(k)fluoranthene	15.68	252	249558	17.19	ng		100
89) Benzo(a)pyrene	16.02	252	160106	11.22	ng		97
91) Benzo(g,h,i)perylene	17.73	276	76050	6.30	ng		95

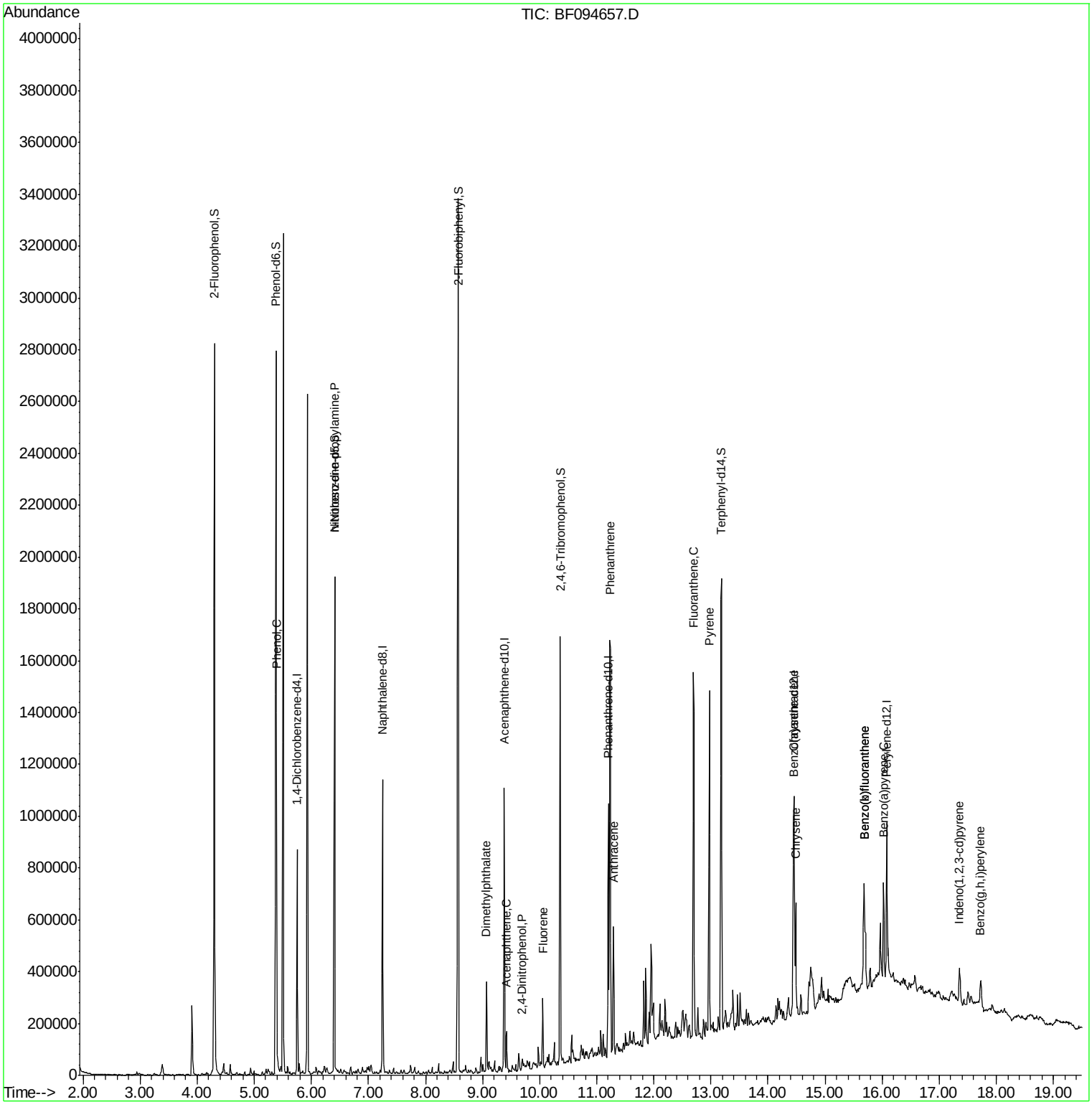
(#) = qualifier out of range (m) = manual integration (+) = signals summed

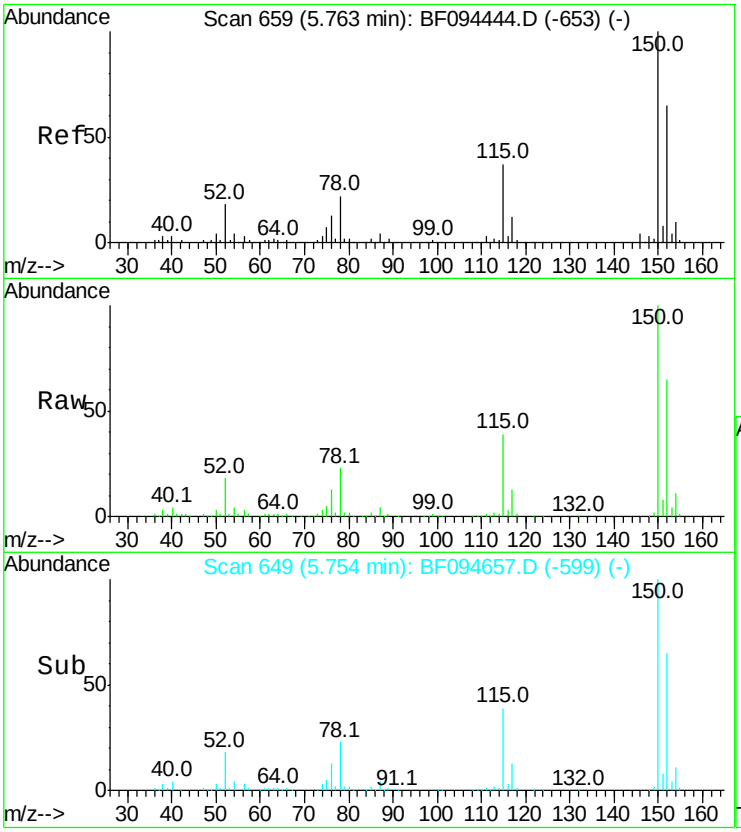
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042617\
Data File : BF094657.D
Acq On : 26 Apr 2017 19:56
Operator : SJ/MA
Sample : I2813-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 27 01:25:24 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration



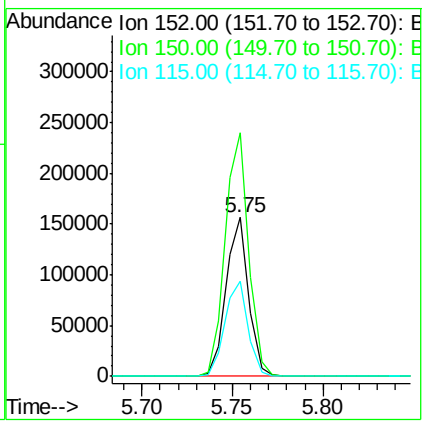


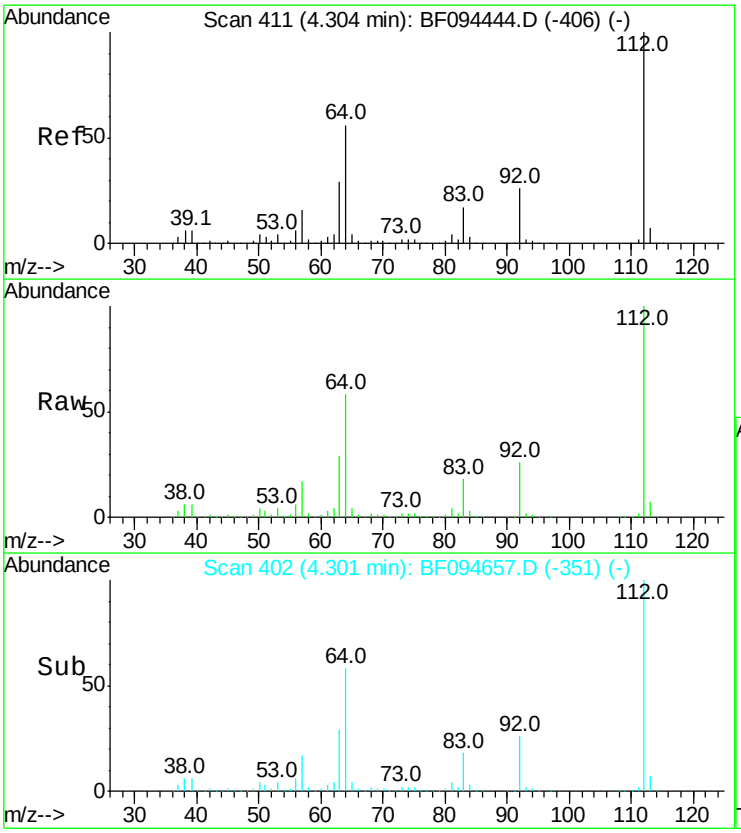
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF094657.D
Acq: 26 Apr 2017 19:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 134837

Ion	Ratio	Lower	Upper
152	100		
150	153.5	126.2	189.2
115	60.2	52.2	78.2

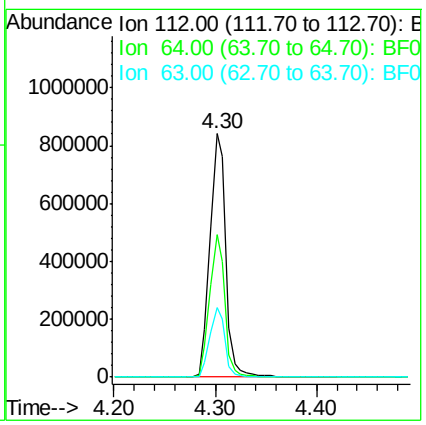


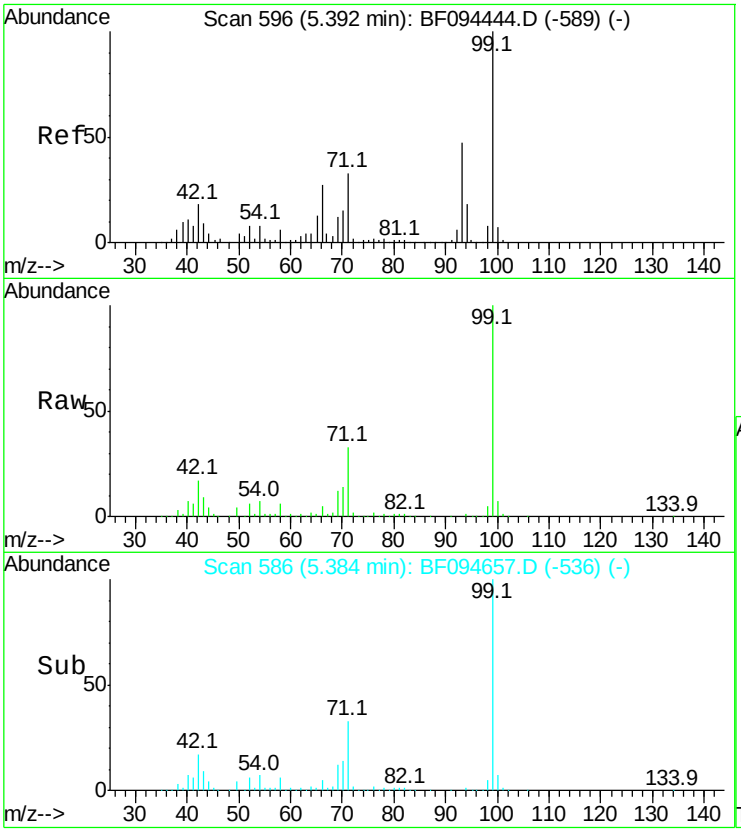


#5
2-Fluorophenol
Concen: 112.71 ng
RT: 4.30 min Scan# 402
Delta R.T. -0.00 min
Lab File: BF094657.D
Acq: 26 Apr 2017 19:56

Tgt Ion:112 Resp: 916049

Ion	Ratio	Lower	Upper
112	100		
64	58.3	46.0	69.0
63	28.6	23.4	35.0



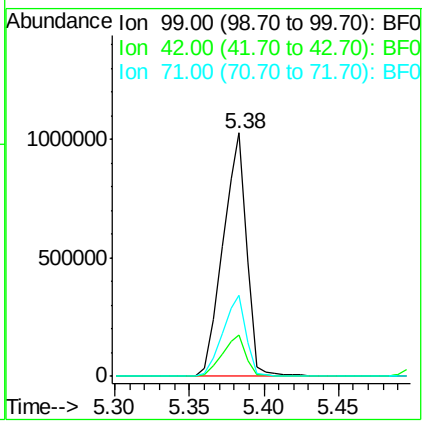


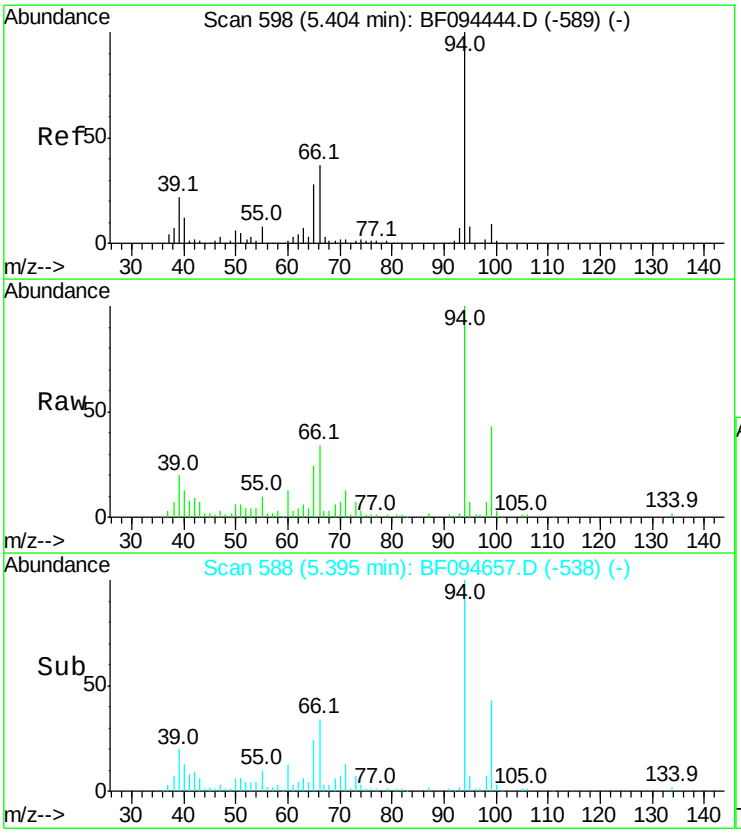
#7
Phenol-d6
Concen: 120.46 ng
RT: 5.38 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF094657.D
Acq: 26 Apr 2017 19:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1154127

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.5	20.3
71	33.4	24.5	36.7

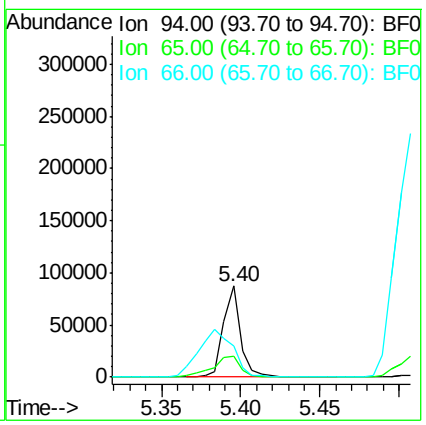


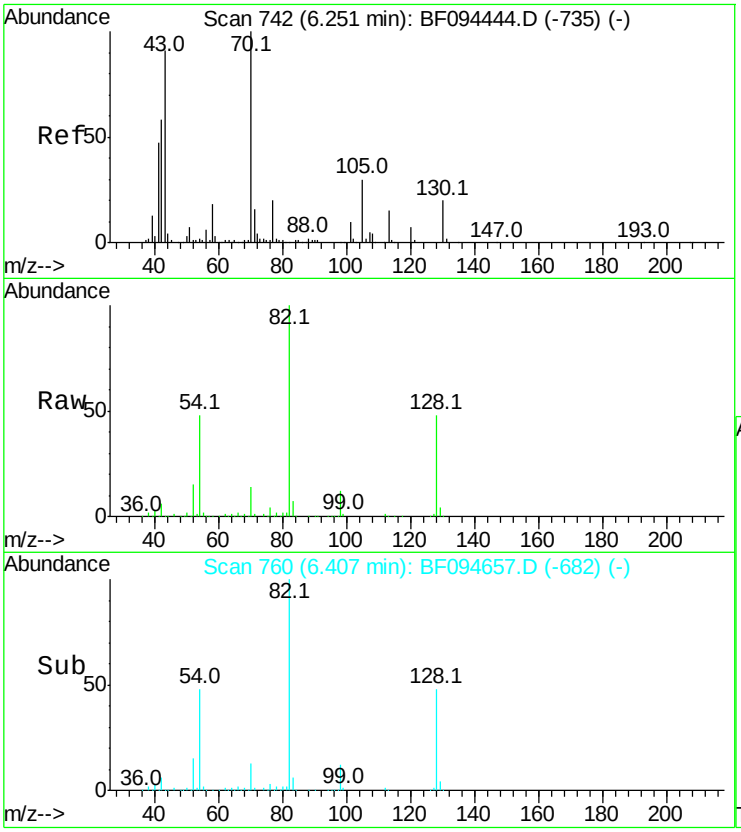


#10
Phenol
Concen: 5.58 ng
RT: 5.40 min Scan# 588
Delta R.T. -0.01 min
Lab File: BF094657.D
Acq: 26 Apr 2017 19:56

Tgt Ion: 94 Resp: 65653

Ion	Ratio	Lower	Upper
94	100		
65	23.6	9.9	49.9
66	34.4	23.1	63.1



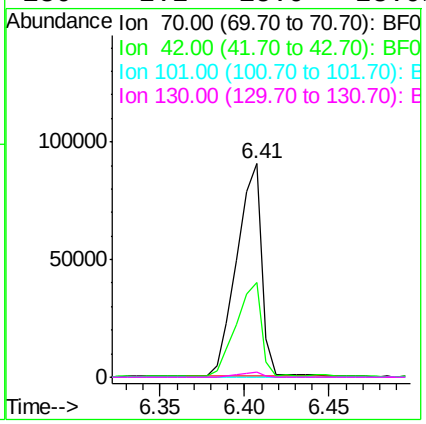


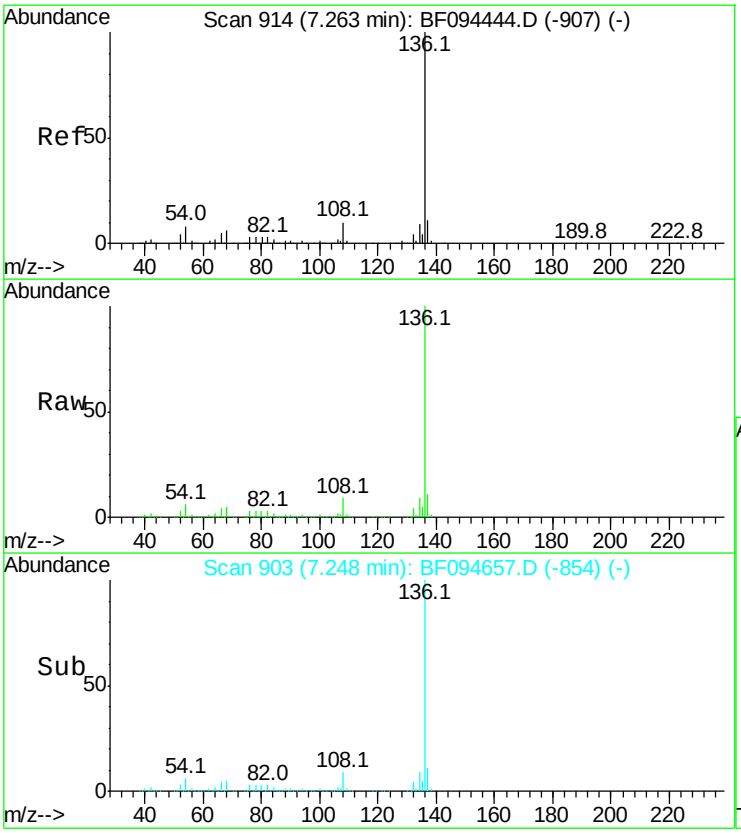
#19
n-Nitroso-di-n-propylamine
Concen: 14.75 ng
RT: 6.41 min Scan# 760
Delta R.T. 0.16 min
Lab File: BF094657.D
Acq: 26 Apr 2017 19:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 93615

Ion	Ratio	Lower	Upper
70	100		
42	44.5	47.2	70.8#
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#

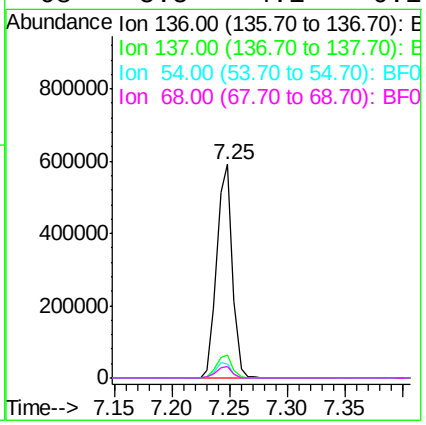


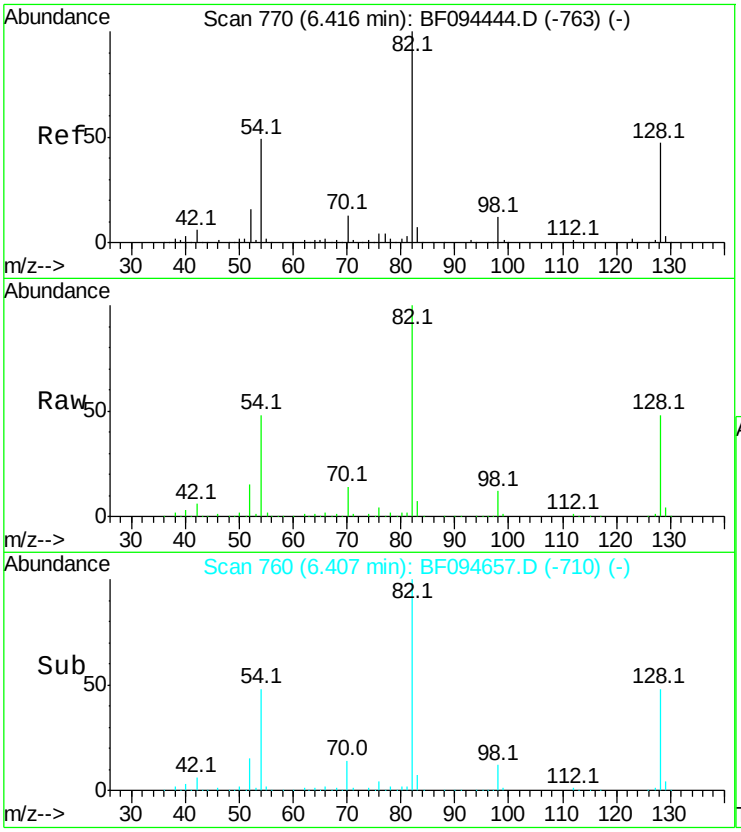


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.25 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF094657.D
Acq: 26 Apr 2017 19:56

Tgt Ion:136 Resp: 557308

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	6.5	4.9	7.3
68	5.5	4.1	6.1



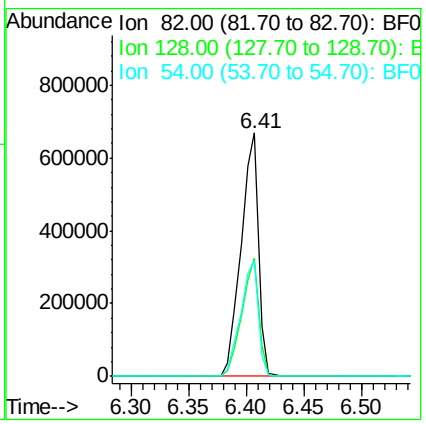


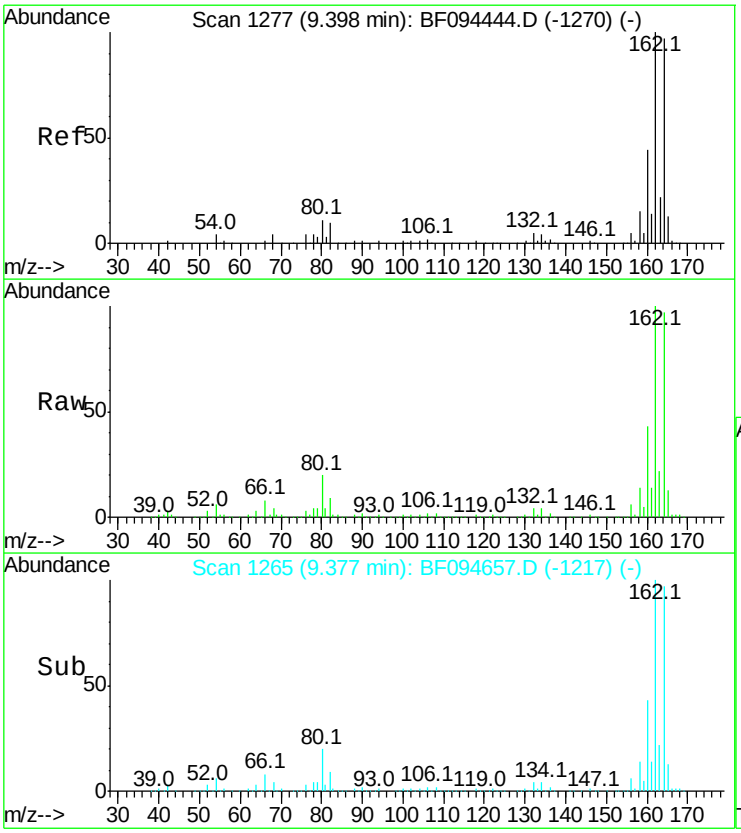
#23
Nitrobenzene-d5
Concen: 77.72 ng
RT: 6.41 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF094657.D
Acq: 26 Apr 2017 19:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 701481

Ion	Ratio	Lower	Upper
82	100		
128	48.5	34.0	51.0
54	47.7	42.2	63.2

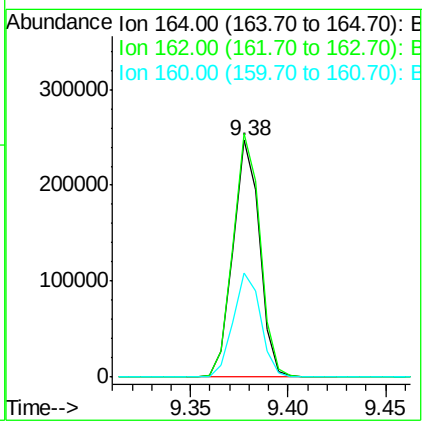


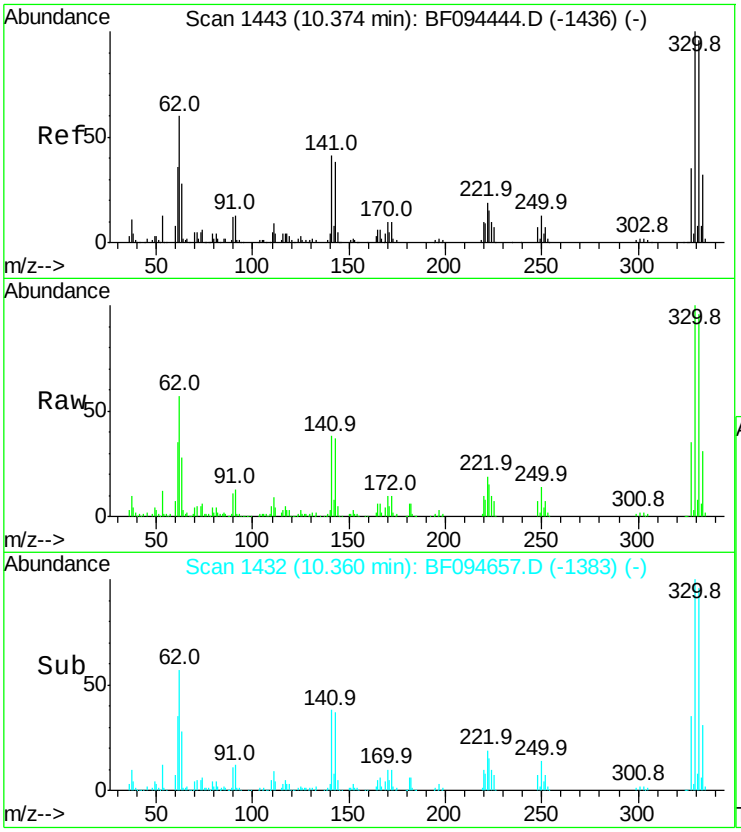


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.38 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF094657.D
Acq: 26 Apr 2017 19:56

Tgt Ion:164 Resp: 232600

Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.6	123.8
160	44.1	36.2	54.2



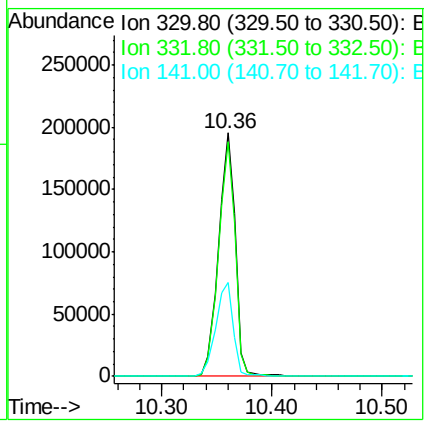


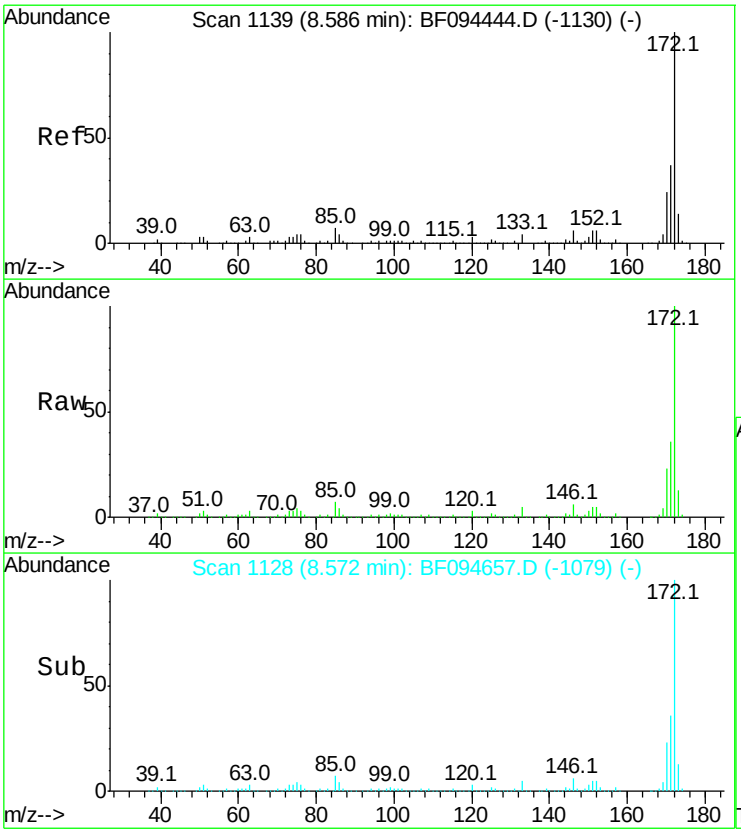
#41
2,4,6-Tribromophenol
Concen: 113.23 ng
RT: 10.36 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF094657.D
Acq: 26 Apr 2017 19:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 205998

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	115.0
141	39.6	31.4	47.2

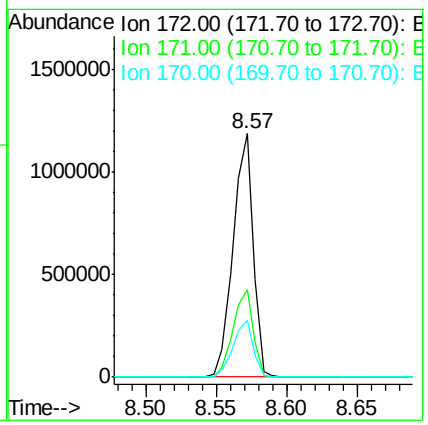


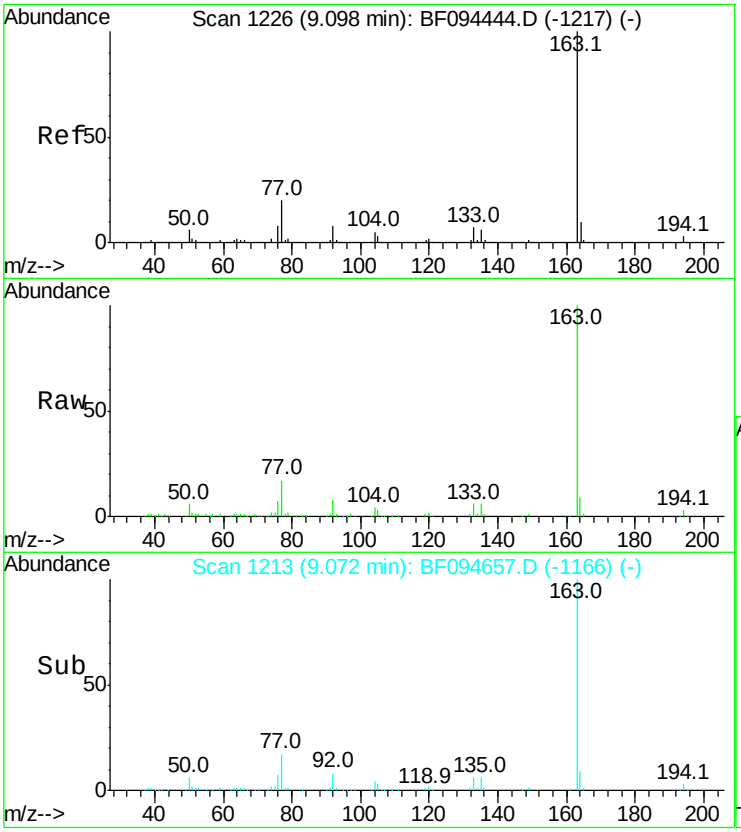


#44
2-Fluorobiphenyl
Concen: 74.29 ng
RT: 8.57 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF094657.D
Acq: 26 Apr 2017 19:56

Tgt Ion:172 Resp: 1174477

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.2	19.8	29.8



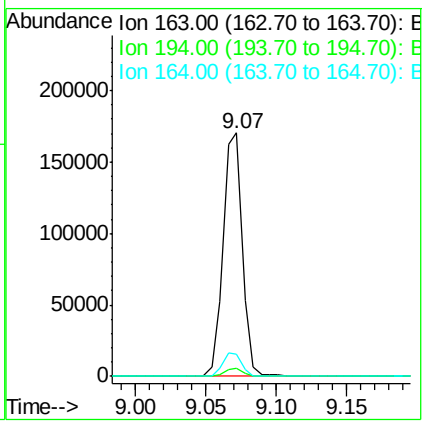


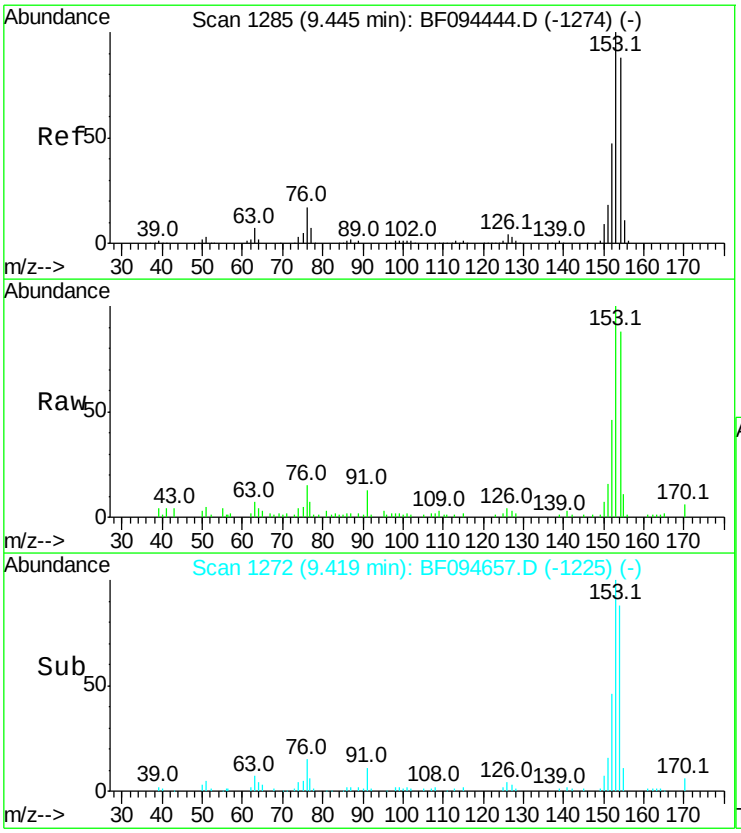
#49
Dimethylphthalate
Concen: 9.31 ng
RT: 9.07 min Scan# 1213
Delta R.T. -0.03 min
Lab File: BF094657.D
Acq: 26 Apr 2017 19:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 161459

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.4	8.4	12.6

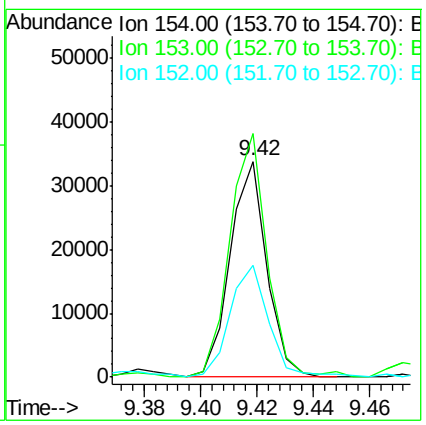


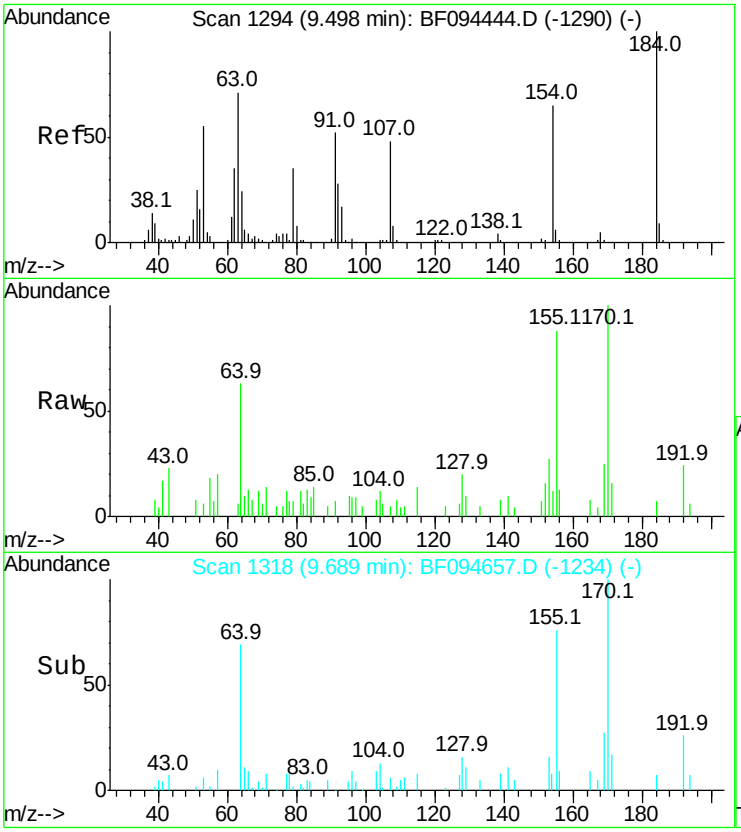


#51
Acenaphthene
Concen: 2.16 ng
RT: 9.42 min Scan# 1272
Delta R.T. -0.03 min
Lab File: BF094657.D
Acq: 26 Apr 2017 19:56

Tgt Ion:154 Resp: 30433

Ion	Ratio	Lower	Upper
154	100		
153	113.0	90.5	135.7
152	52.0	43.6	65.4



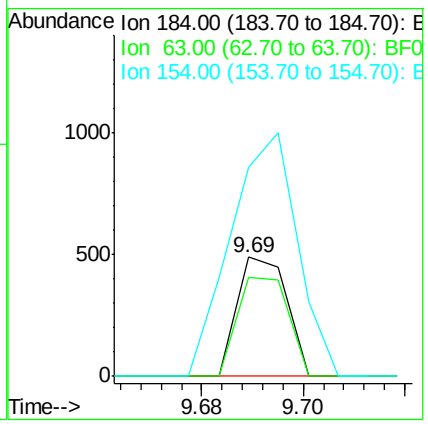


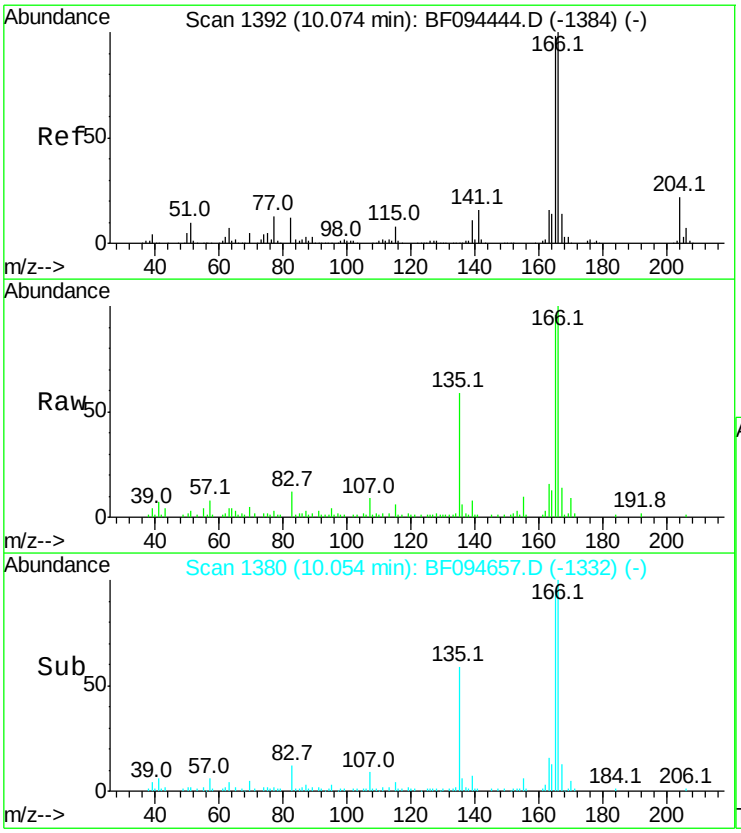
#53
2,4-Dinitrophenol
Concen: 5.90 ng
RT: 9.69 min Scan# 1318
Delta R.T. 0.19 min
Lab File: BF094657.D
Acq: 26 Apr 2017 19:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 331

Ion	Ratio	Lower	Upper
184	100		
63	82.9	62.7	94.1
154	174.9	81.1	121.7#

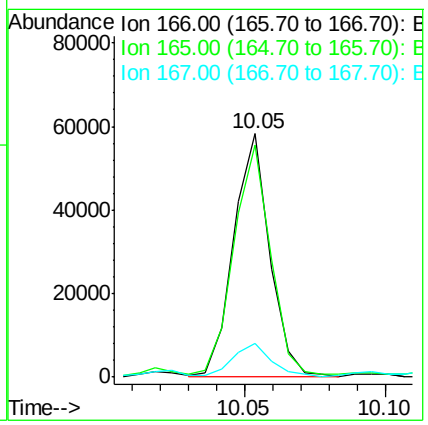


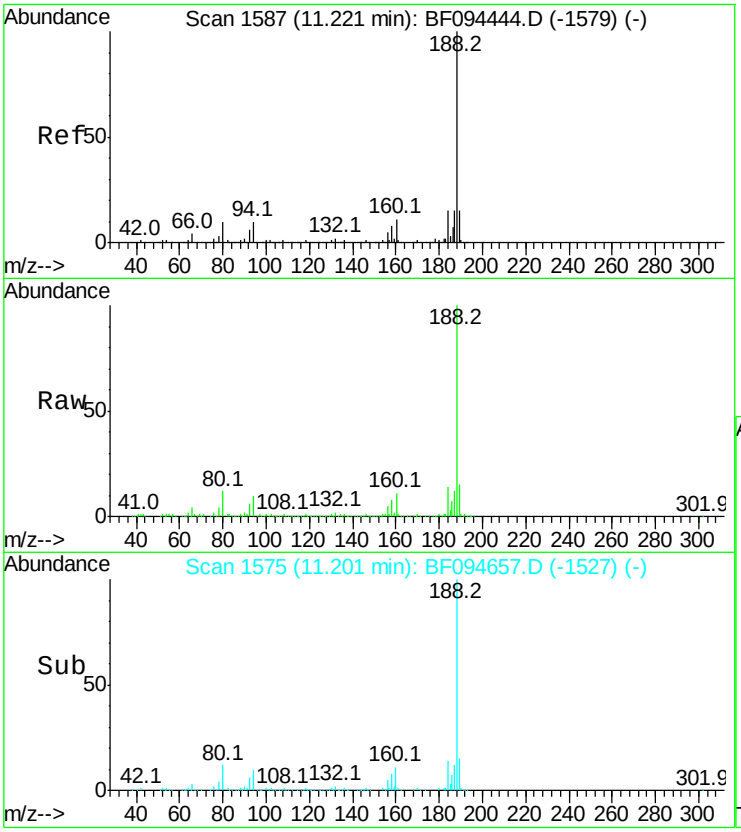


#57
Fluorene
Concen: 3.25 ng
RT: 10.05 min Scan# 1380
Delta R.T. -0.02 min
Lab File: BF094657.D
Acq: 26 Apr 2017 19:56

Tgt Ion:166 Resp: 51933

Ion	Ratio	Lower	Upper
166	100		
165	95.5	78.8	118.2
167	13.8	10.6	16.0



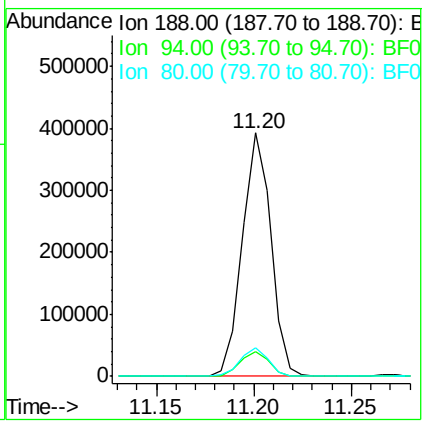


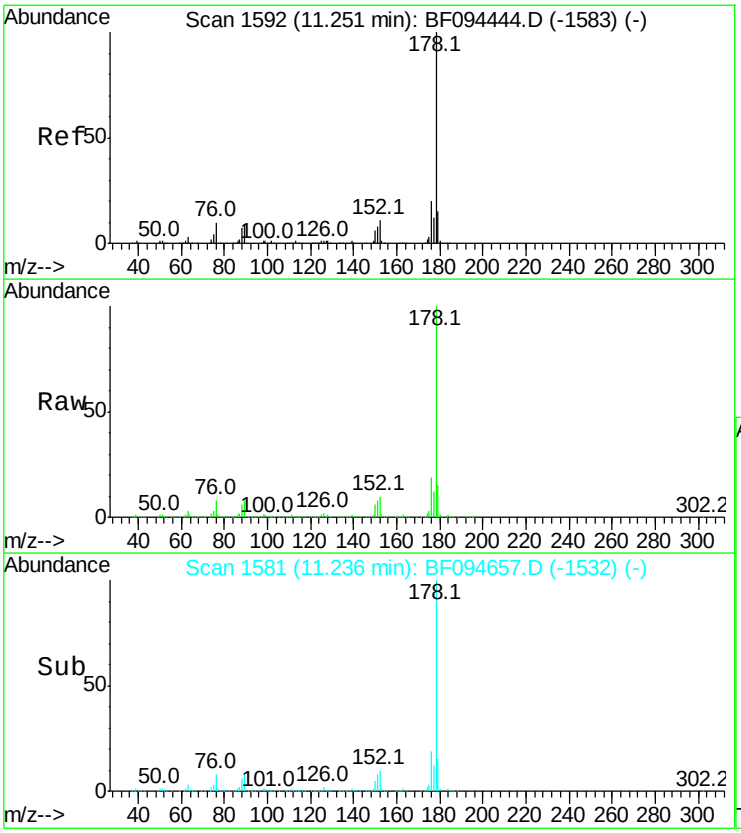
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF094657.D
Acq: 26 Apr 2017 19:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 398076

Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.4	14.2
80	11.7	10.2	15.2

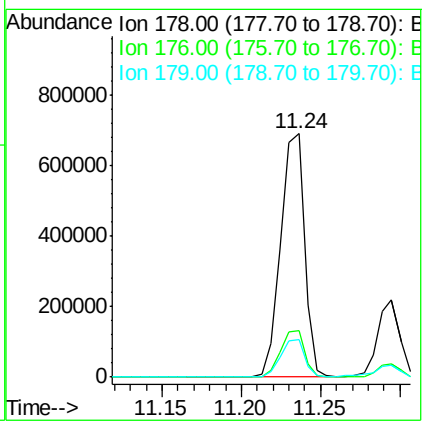


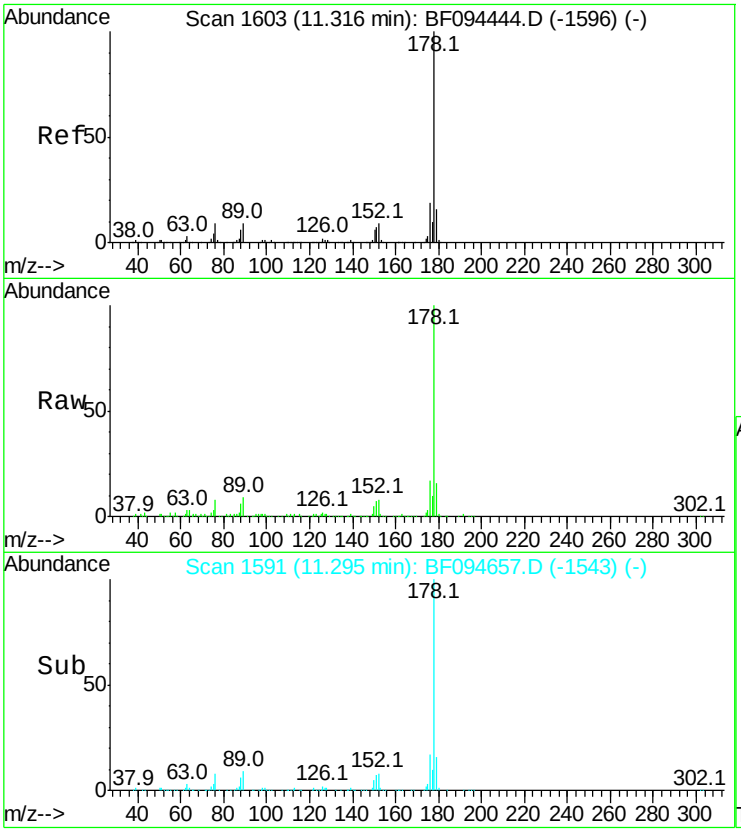


#70
Phenanthrene
Concen: 32.28 ng
RT: 11.24 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF094657.D
Acq: 26 Apr 2017 19:56

Tgt Ion:178 Resp: 723545

Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.2	24.4
179	15.5	12.6	19.0



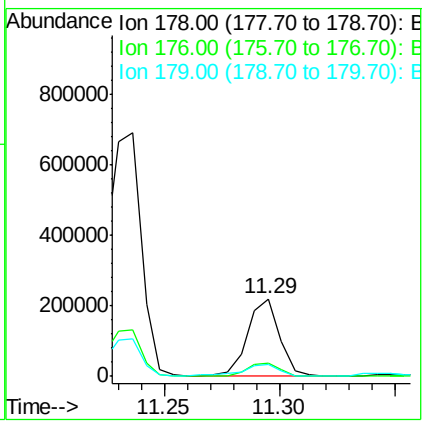


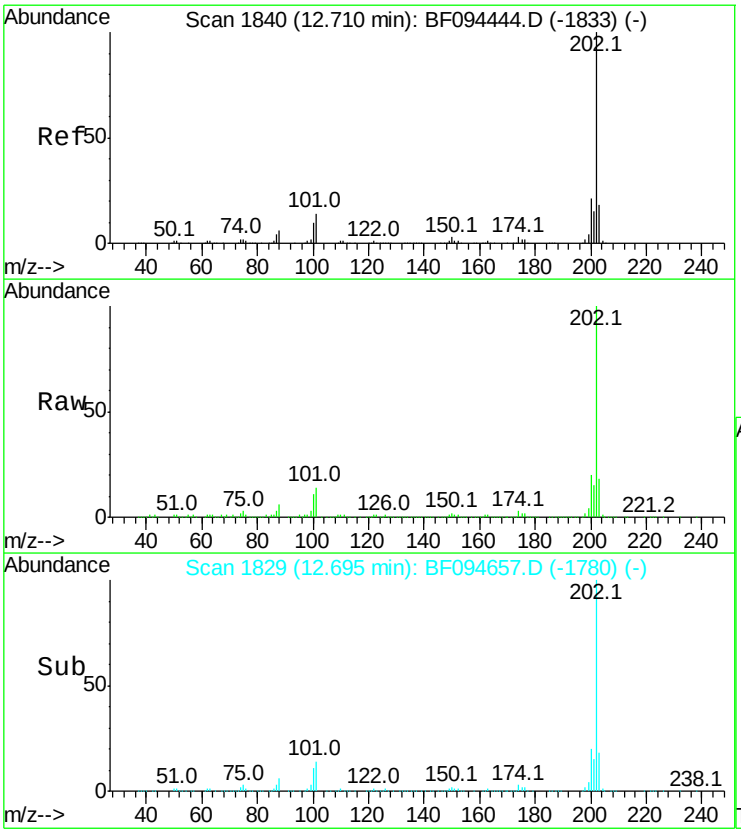
#71
Anthracene
Concen: 9.08 ng
RT: 11.29 min Scan# 1591
Delta R.T. -0.02 min
Lab File: BF094657.D
Acq: 26 Apr 2017 19:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 210458

Ion	Ratio	Lower	Upper
178	100		
176	17.1	15.8	23.8
179	15.6	12.7	19.1

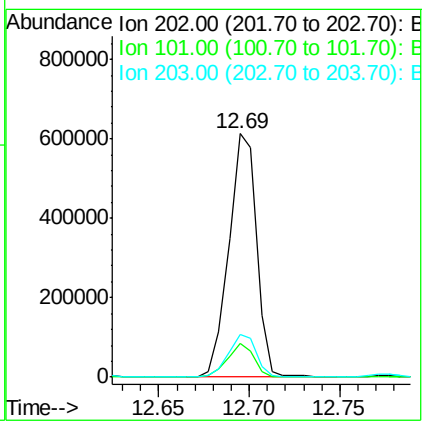


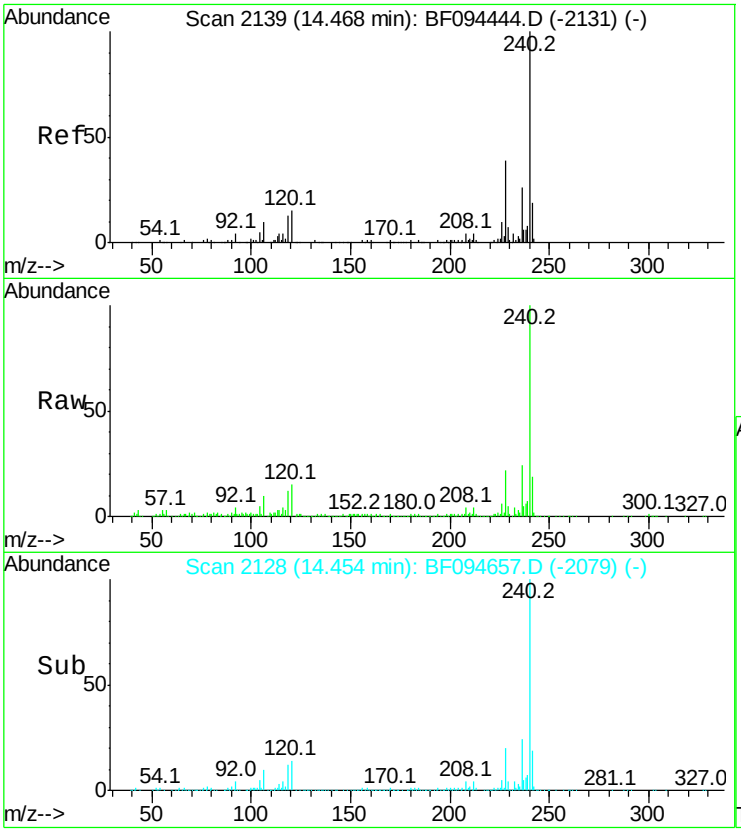


#74
Fluoranthene
Concen: 28.26 ng
RT: 12.69 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF094657.D
Acq: 26 Apr 2017 19:56

Tgt Ion:202 Resp: 656473

Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	33.2
203	17.6	0.0	38.1



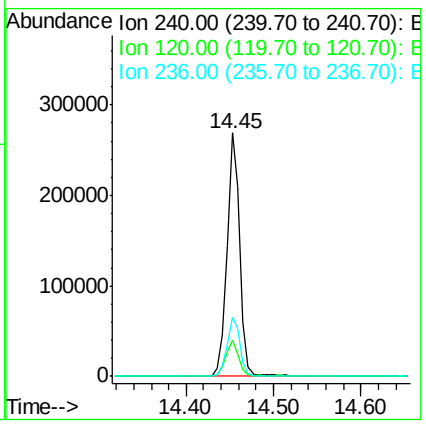


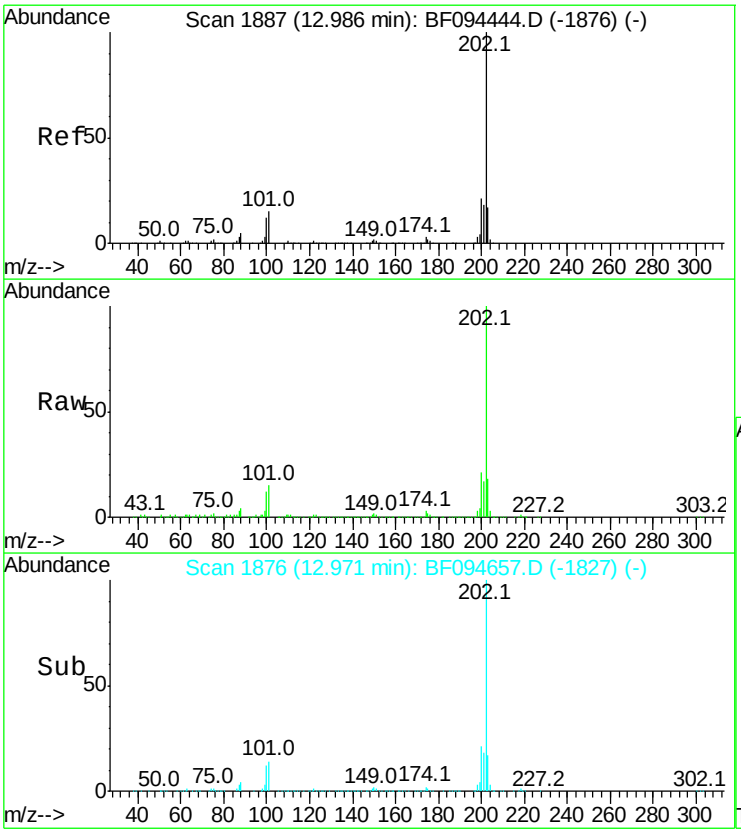
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.45 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BF094657.D
Acq: 26 Apr 2017 19:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 270467

Ion	Ratio	Lower	Upper
240	100		
120	14.7	5.8	8.8#
236	24.4	20.5	30.7

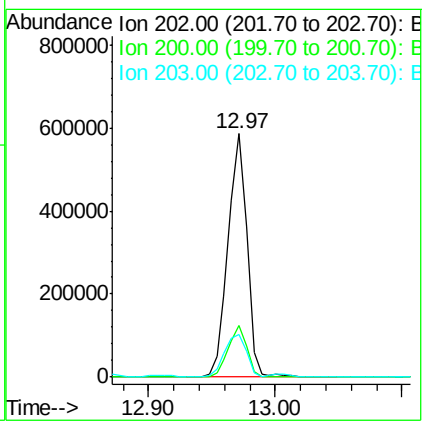


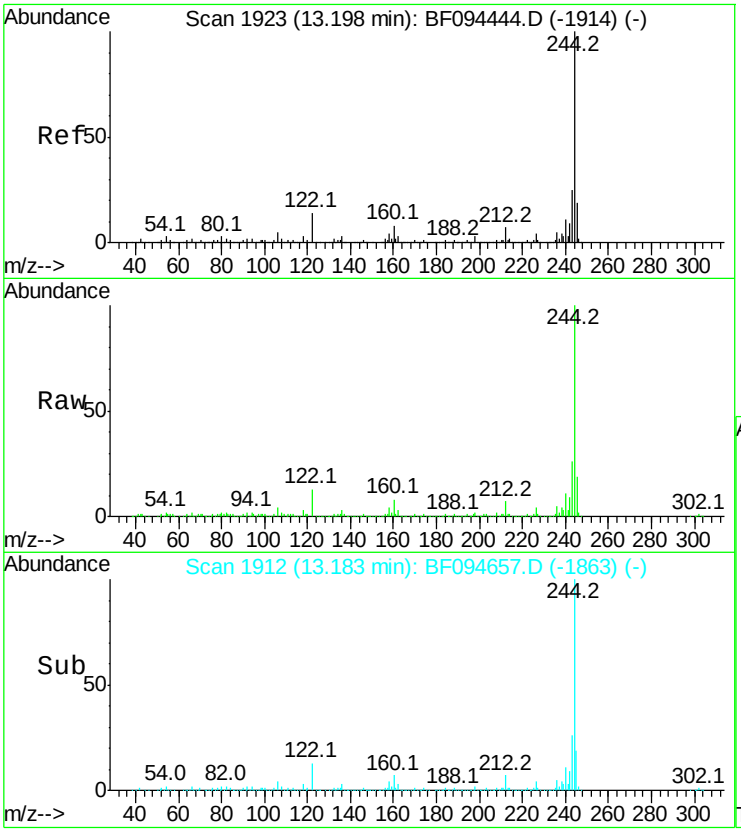


#77
Pyrene
Concen: 31.83 ng
RT: 12.97 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BF094657.D
Acq: 26 Apr 2017 19:56

Tgt Ion:202 Resp: 601547

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.6	26.4
203	17.6	14.4	21.6



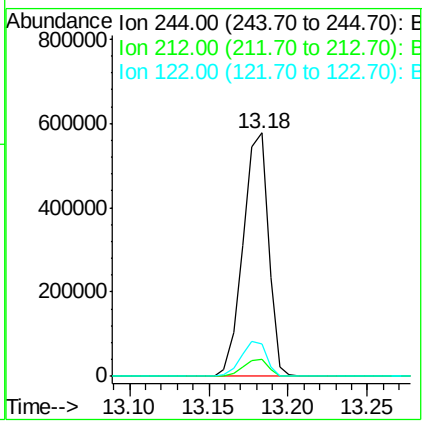


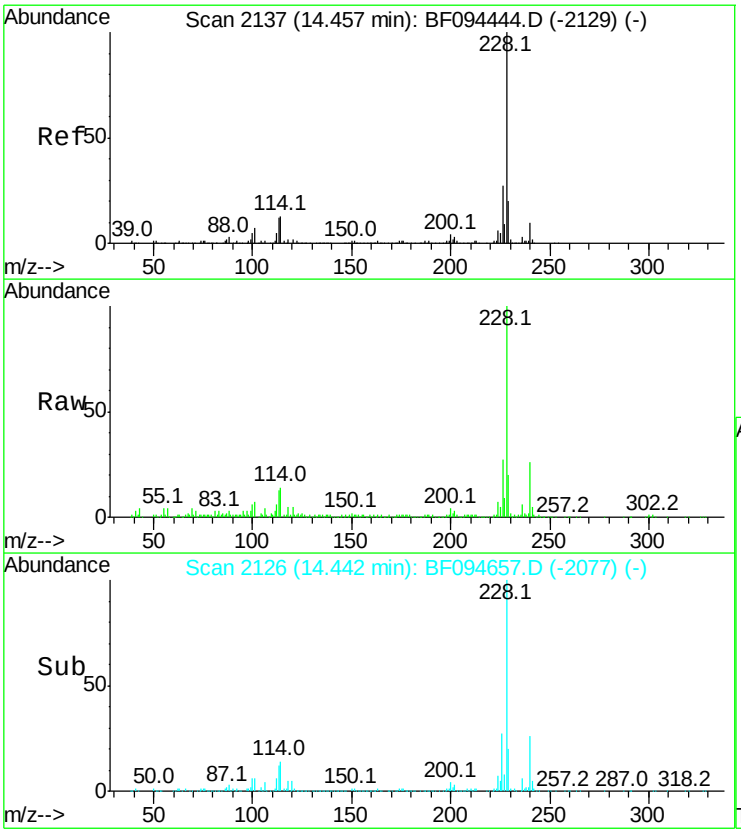
#78
Terphenyl-d14
Concen: 63.67 ng
RT: 13.18 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BF094657.D
Acq: 26 Apr 2017 19:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 644270

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.4	10.3	15.5

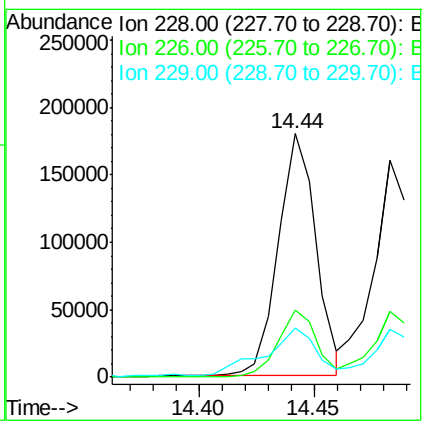


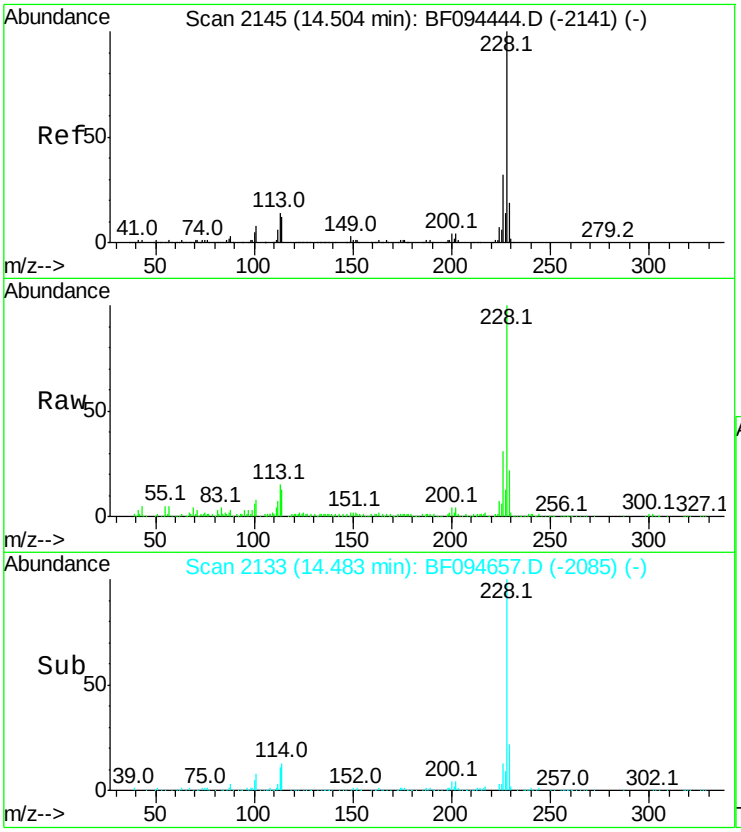


#80
Benzo(a)anthracene
Concen: 12.90 ng
RT: 14.44 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BF094657.D
Acq: 26 Apr 2017 19:56

Tgt Ion:228 Resp: 202830

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	20.1	16.3	24.5



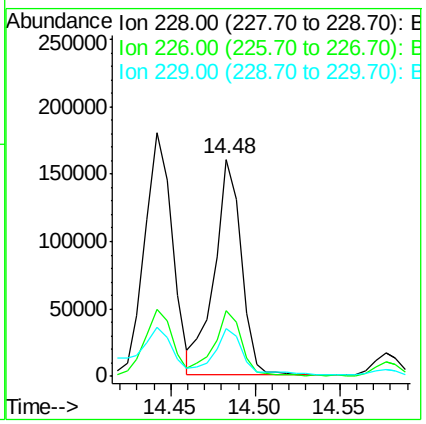


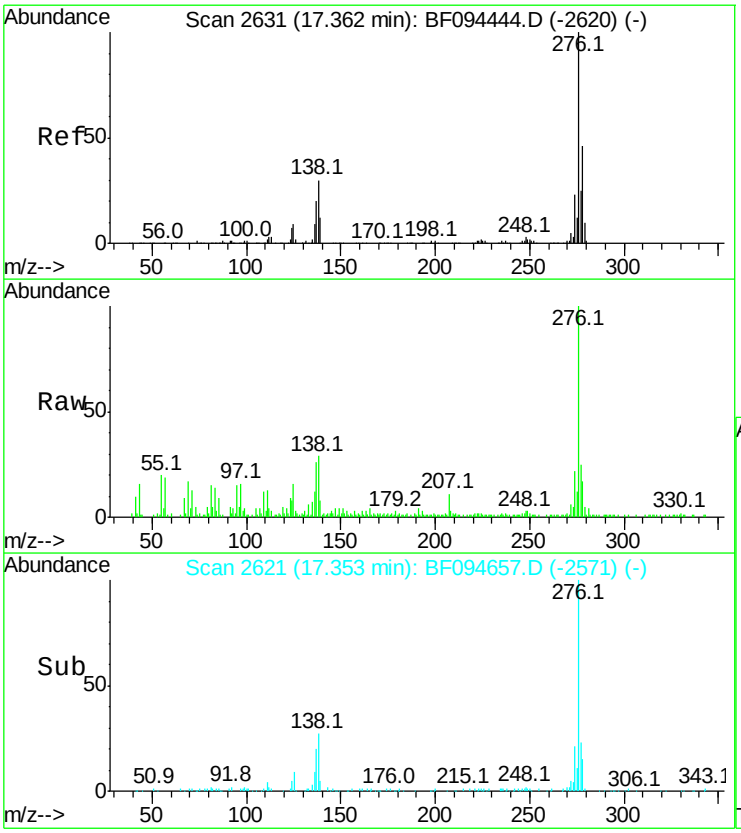
#82
Chrysene
Concen: 12.46 ng
RT: 14.48 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BF094657.D
Acq: 26 Apr 2017 19:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 179078

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	21.8	15.8	23.6

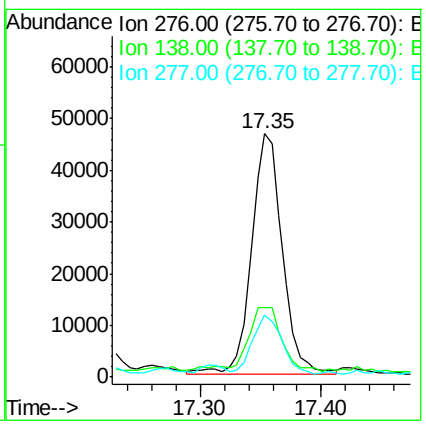


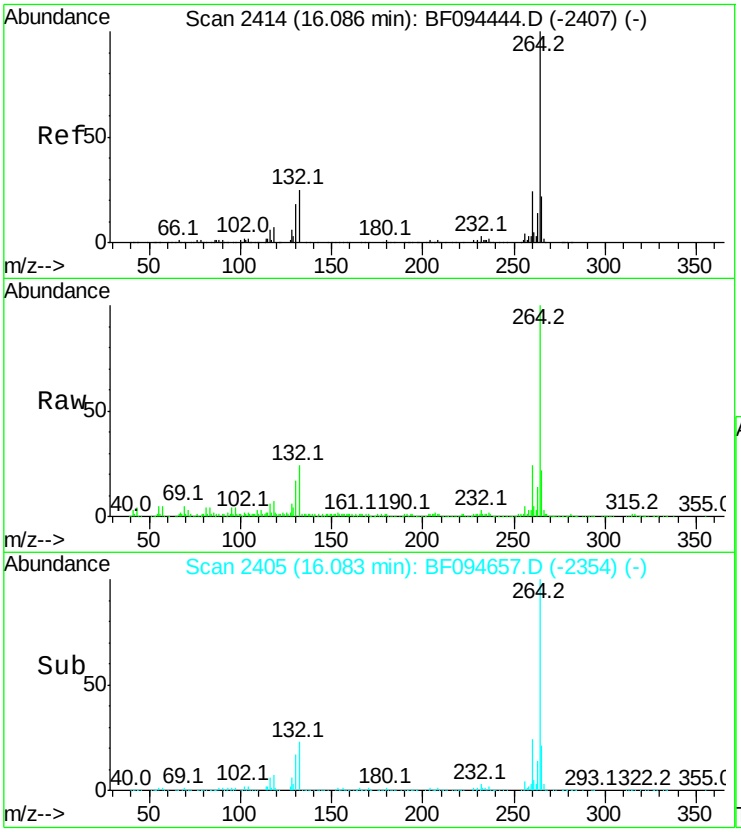


#85
Indeno(1,2,3-cd)pyrene
Concen: 6.01 ng
RT: 17.35 min Scan# 2621
Delta R.T. -0.01 min
Lab File: BF094657.D
Acq: 26 Apr 2017 19:56

Tgt Ion:276 Resp: 82138

Ion	Ratio	Lower	Upper
276	100		
138	31.5	27.8	41.6
277	23.2	20.2	30.4



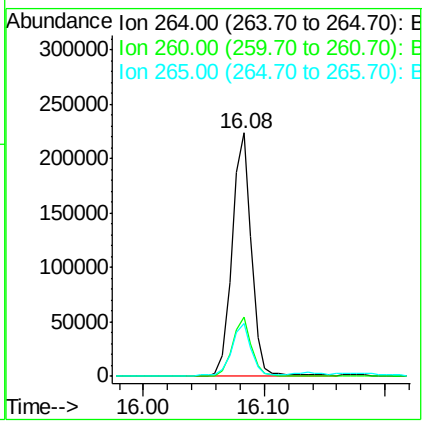


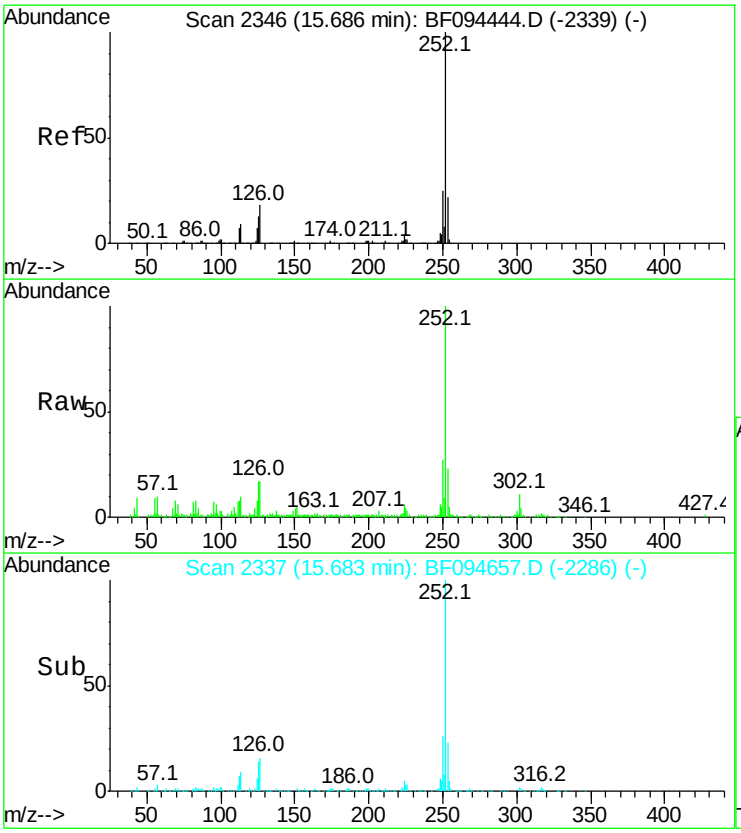
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BF094657.D
Acq: 26 Apr 2017 19:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 250721

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.6	17.2	25.8

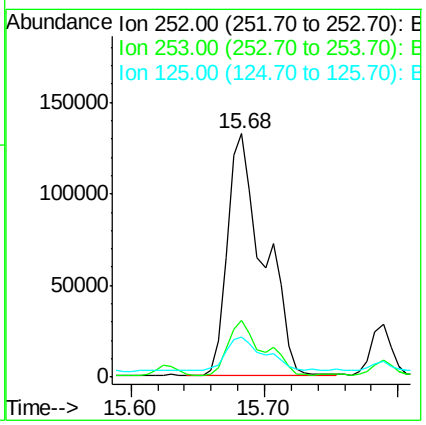


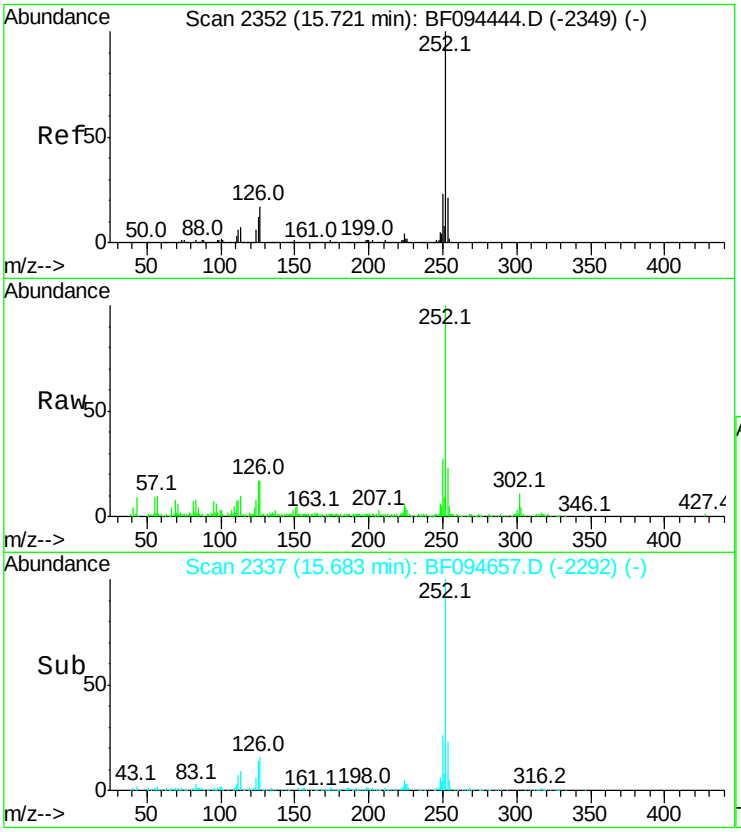


#87
Benzo(b)fluoranthene
Concen: 16.27 ng
RT: 15.68 min Scan# 2337
Delta R.T. -0.00 min
Lab File: BF094657.D
Acq: 26 Apr 2017 19:56

Tgt Ion:252 Resp: 249558

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	16.6	9.8	14.8#



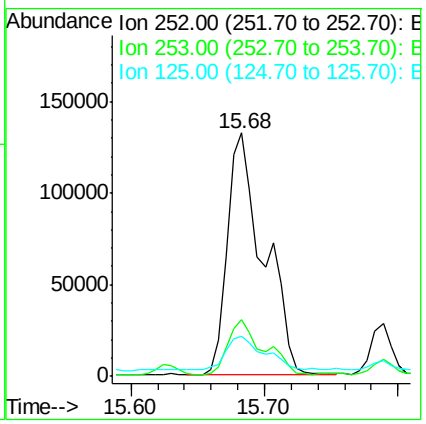


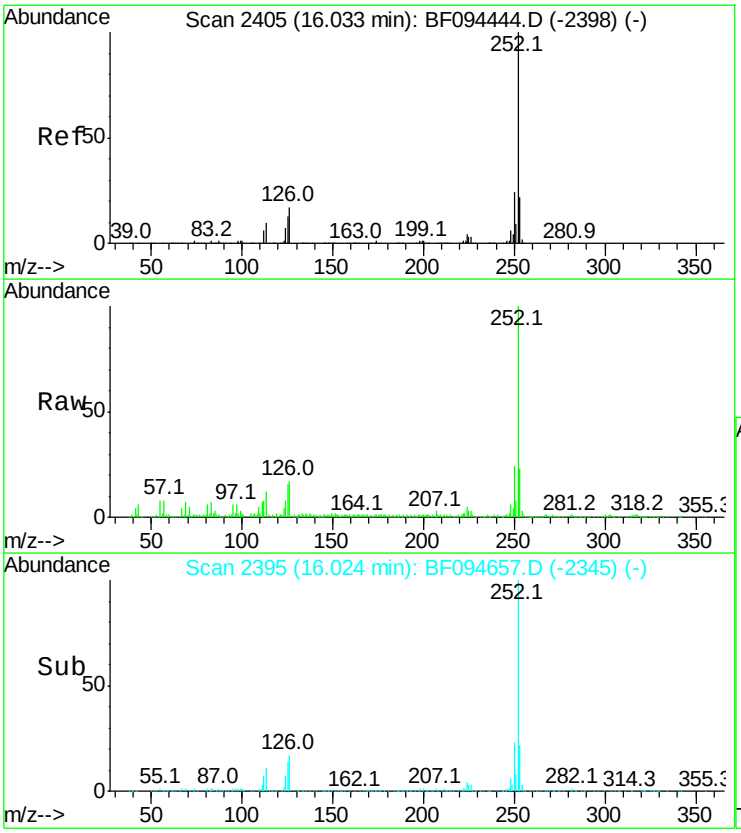
#88
Benzo(k)fluoranthene
Concen: 17.19 ng
RT: 15.68 min Scan# 2337
Delta R.T. -0.04 min
Lab File: BF094657.D
Acq: 26 Apr 2017 19:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 249558

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	16.6	13.1	19.7

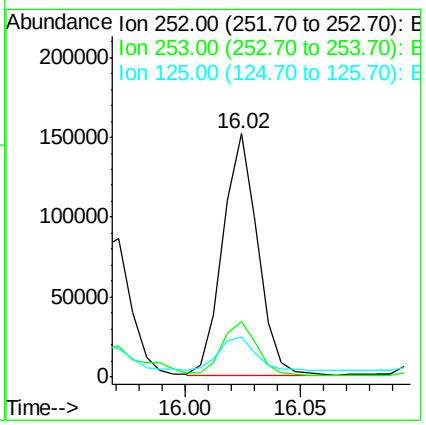


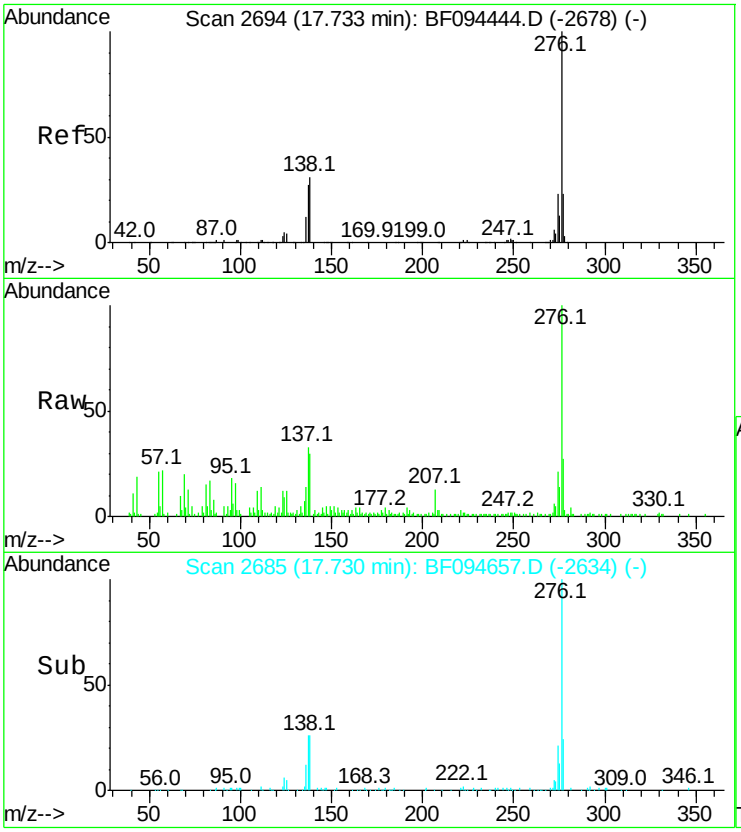


#89
Benzo(a)pyrene
Concen: 11.22 ng
RT: 16.02 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BF094657.D
Acq: 26 Apr 2017 19:56

Tgt Ion:252 Resp: 160106

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	16.4	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 6.30 ng
RT: 17.73 min Scan# 2685
Delta R.T. -0.00 min
Lab File: BF094657.D
Acq: 26 Apr 2017 19:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 76050

Ion	Ratio	Lower	Upper
276	100		
277	26.5	18.6	28.0
138	29.7	25.4	38.0