Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042617\
Data File : BF094658.D
Acq On : 26 Apr 2017 20:23
Operator : SJ/MA
Sample : I2824-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-W10-BASE

Quant Time: Apr 27 06:45:41 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	124072	20.00	ng		0.00
21) Naphthalene-d8	7.25	136	499653	20.00	ng		-0.01
38) Acenaphthene-d10	9.38	164	202276	20.00	ng		-0.02
63) Phenanthrene-d10	11.20	188	356038	20.00	ng		-0.02
75) Chrysene-d12	14.45	240	264056	20.00	ng		-0.01
86) Perylene-d12	16.09	264	228986	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.30	112	781041	104.44	ng		0.00
7) Phenol-d6	5.38	99	1025665	116.34	ng		-0.01
23) Nitrobenzene-d5	6.40	82	655602	81.02	ng		-0.01
41) 2,4,6-Tribromophenol	10.36	330	164055	103.69	ng		-0.01
44) 2-Fluorobiphenyl	8.57	172	1130202	82.21	ng		-0.01
78) Terphenyl-d14	13.18	244	716727	72.55	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	7.27	128	105122	4.38	ng		98
37) 2-Methylnaphthalene	8.11	142	91064	5.54	ng		97
49) Dimethylphthalate	9.07	163	94977	6.30	ng		99
70) Phenanthrene	11.23	178	130192	6.49	ng		98
74) Fluoranthene	12.69	202	82285	3.96	ng		97
77) Pyrene	12.97	202	83140	4.51	ng		98
80) Benzo(a)anthracene	14.44	228	54721	3.57	ng	#	75
82) Chrysene	14.48	228	105573	7.53	ng	#	86
87) Benzo(b)fluoranthene	15.68	252	75428m	5.38	ng		
89) Benzo(a)pyrene	16.02	252	36653	2.81	ng	#	82
91) Benzo(g,h,i)perylene	17.74	276	24988	2.27	ng		92

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042617\
Data File : BF094658.D
Acq On : 26 Apr 2017 20:23
Operator : SJ/MA
Sample : I2824-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-W10-BASE

Quant Time: Apr 27 06:45:41 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
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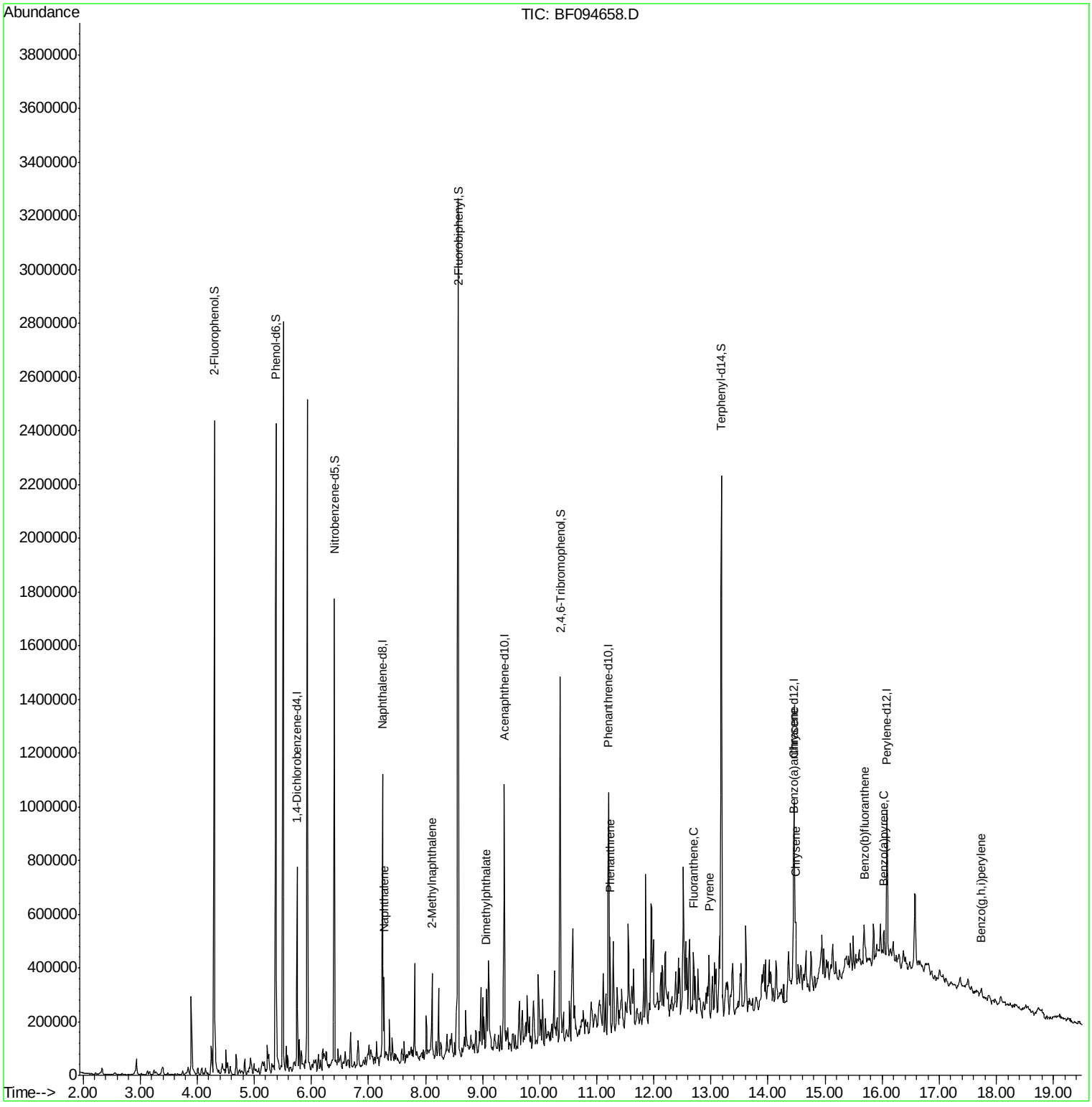
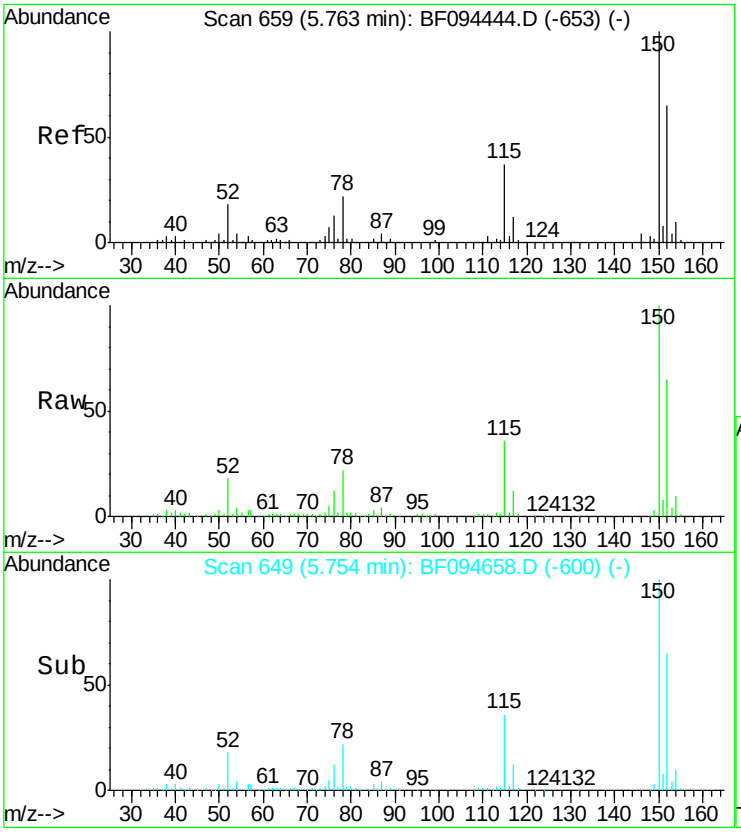


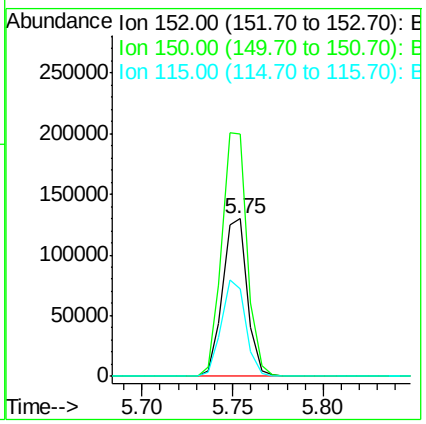


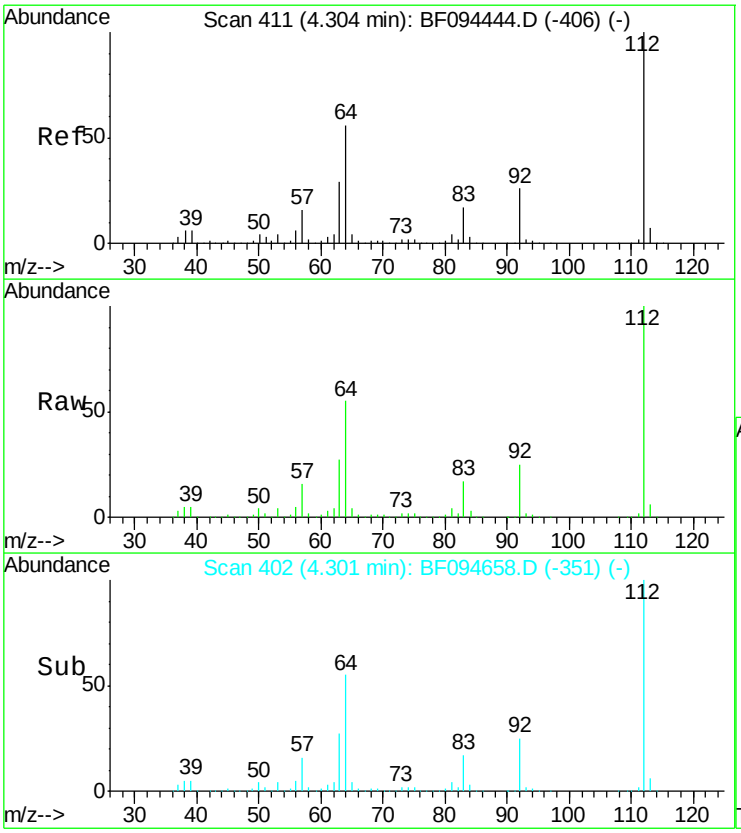
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF094658.D
Acq: 26 Apr 2017 20:23

Instrument :
BNA_F
ClientSampleId :
E2-W10-BASE

Tgt Ion:152 Resp: 124072

Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.2	189.2
115	55.7	52.2	78.2

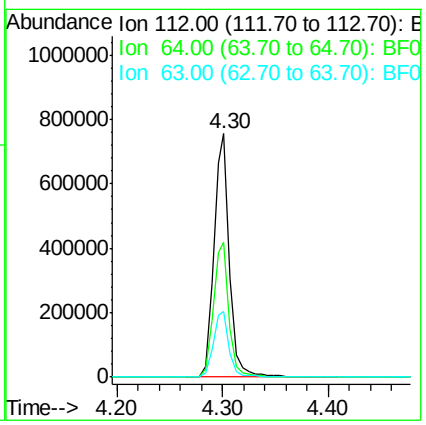


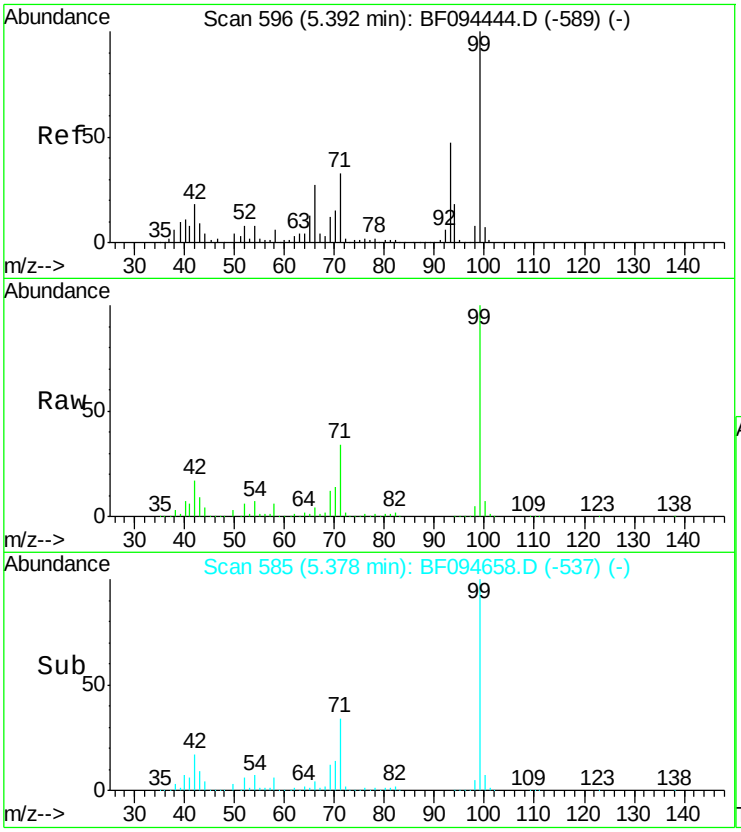


#5
2-Fluorophenol
Concen: 104.44 ng
RT: 4.30 min Scan# 402
Delta R.T. -0.00 min
Lab File: BF094658.D
Acq: 26 Apr 2017 20:23

Tgt Ion:112 Resp: 781041

Ion	Ratio	Lower	Upper
112	100		
64	55.2	46.0	69.0
63	27.2	23.4	35.0



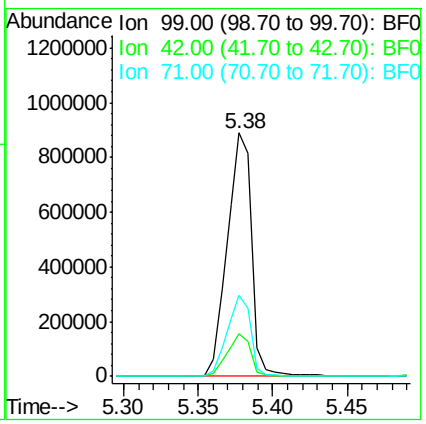


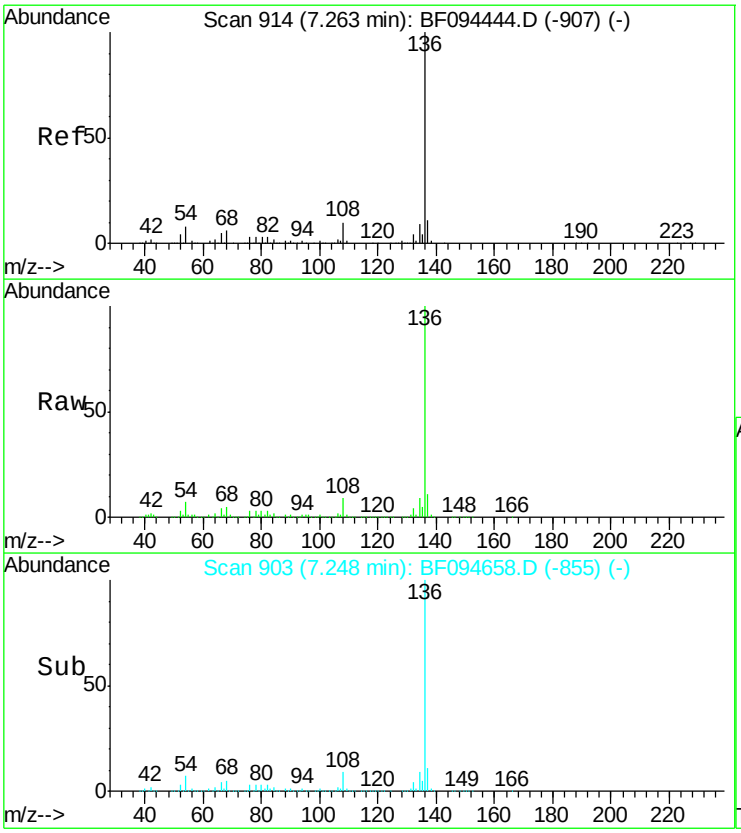
#7
Phenol-d6
Concen: 116.34 ng
RT: 5.38 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF094658.D
Acq: 26 Apr 2017 20:23

Instrument :
BNA_F
ClientSampleId :
E2-W10-BASE

Tgt Ion: 99 Resp: 1025665

Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.5	20.3
71	33.5	24.5	36.7

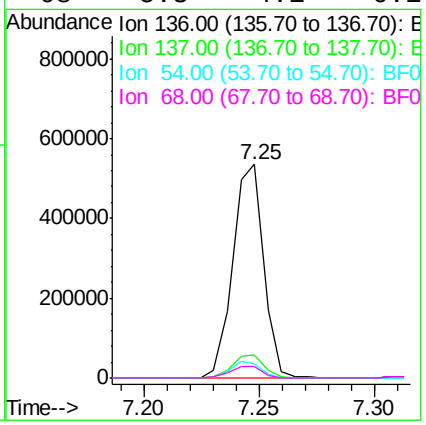


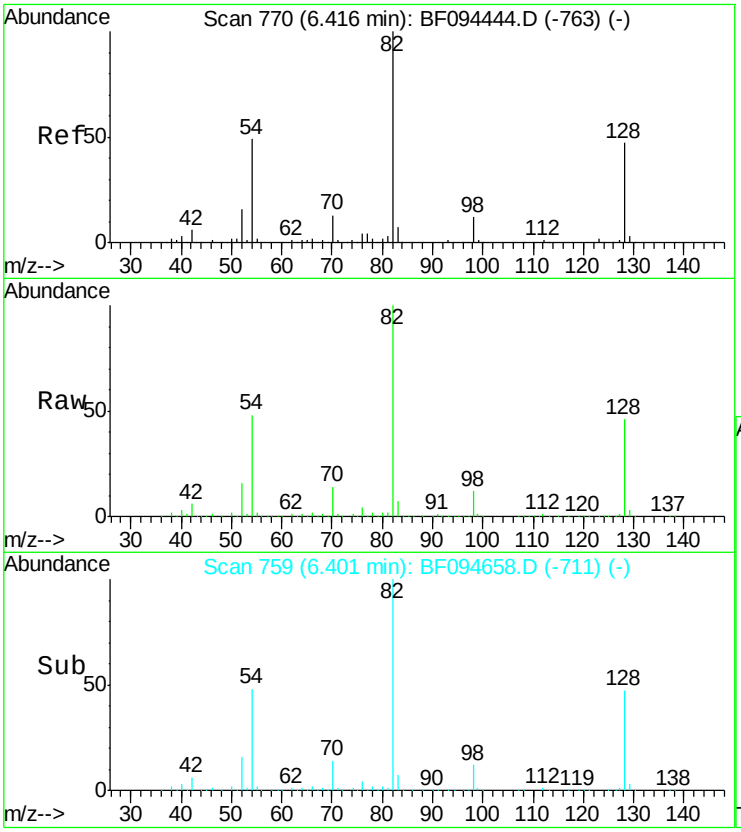


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.25 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF094658.D
Acq: 26 Apr 2017 20:23

Tgt Ion:136 Resp: 499653

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	6.8	4.9	7.3
68	5.3	4.1	6.1



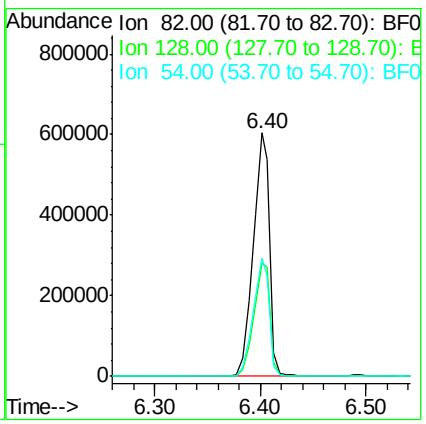


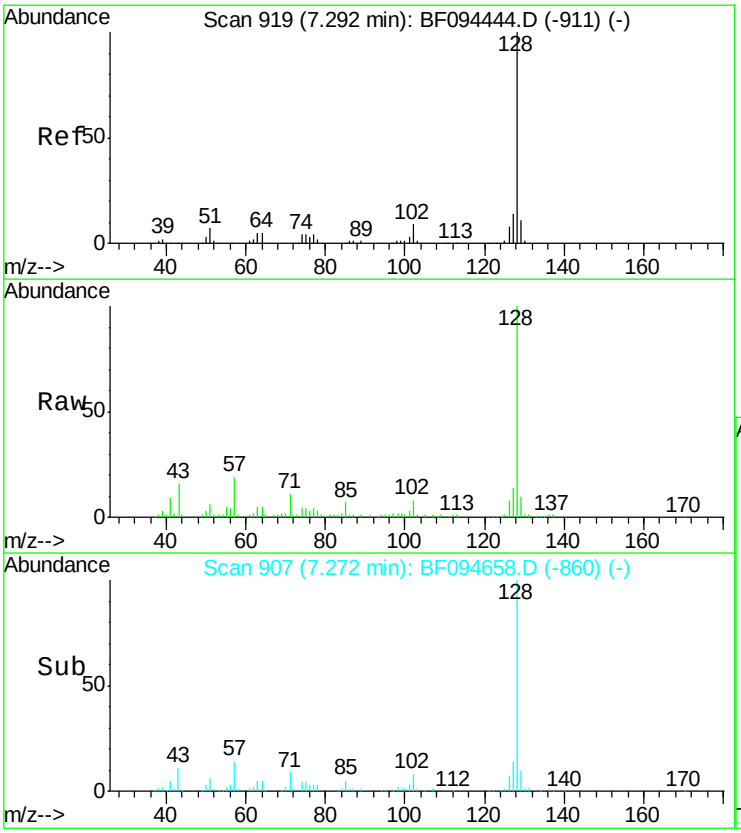
#23
Nitrobenzene-d5
Concen: 81.02 ng
RT: 6.40 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF094658.D
Acq: 26 Apr 2017 20:23

Instrument :
BNA_F
ClientSampleId :
E2-W10-BASE

Tgt Ion: 82 Resp: 655602

Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.0	51.0
54	48.4	42.2	63.2

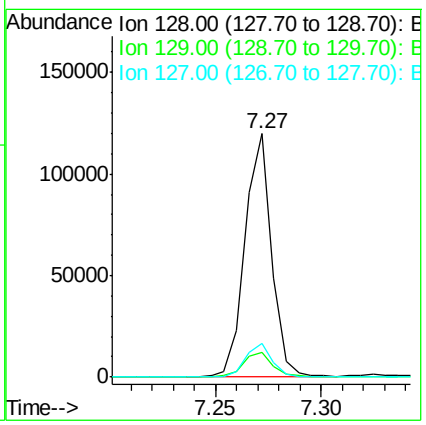


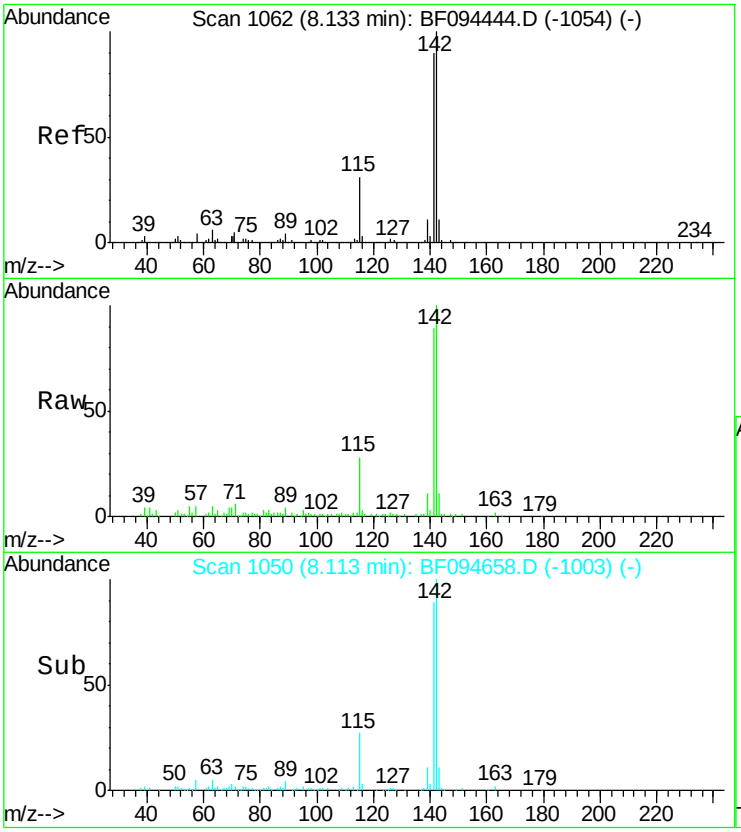


#31
Naphthalene
Concen: 4.38 ng
RT: 7.27 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF094658.D
Acq: 26 Apr 2017 20:23

Tgt Ion:128 Resp: 105122

Ion	Ratio	Lower	Upper
128	100		
129	9.9	9.0	13.6
127	13.9	10.8	16.2



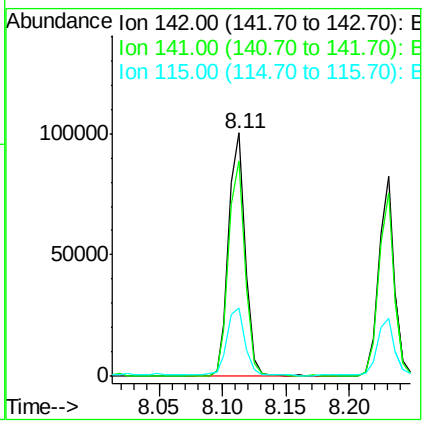


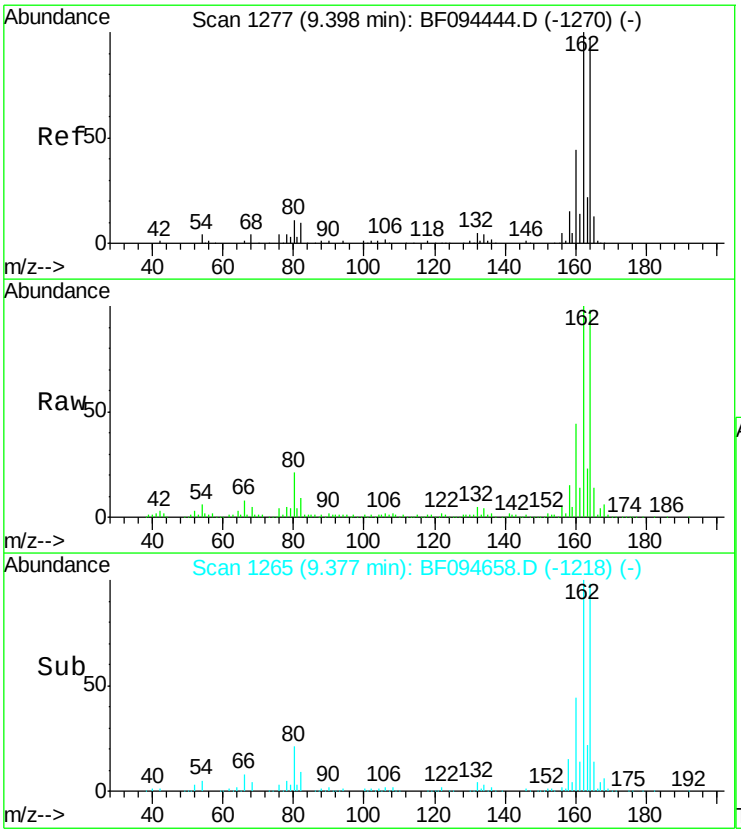
#37
2-Methylnaphthalene
Concen: 5.54 ng
RT: 8.11 min Scan# 1050
Delta R.T. -0.02 min
Lab File: BF094658.D
Acq: 26 Apr 2017 20:23

Instrument :
BNA_F
ClientSampleId :
E2-W10-BASE

Tgt Ion:142 Resp: 91064

Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.3	106.9
115	27.9	27.1	40.7

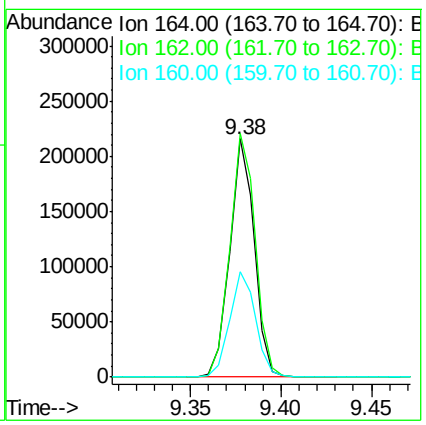


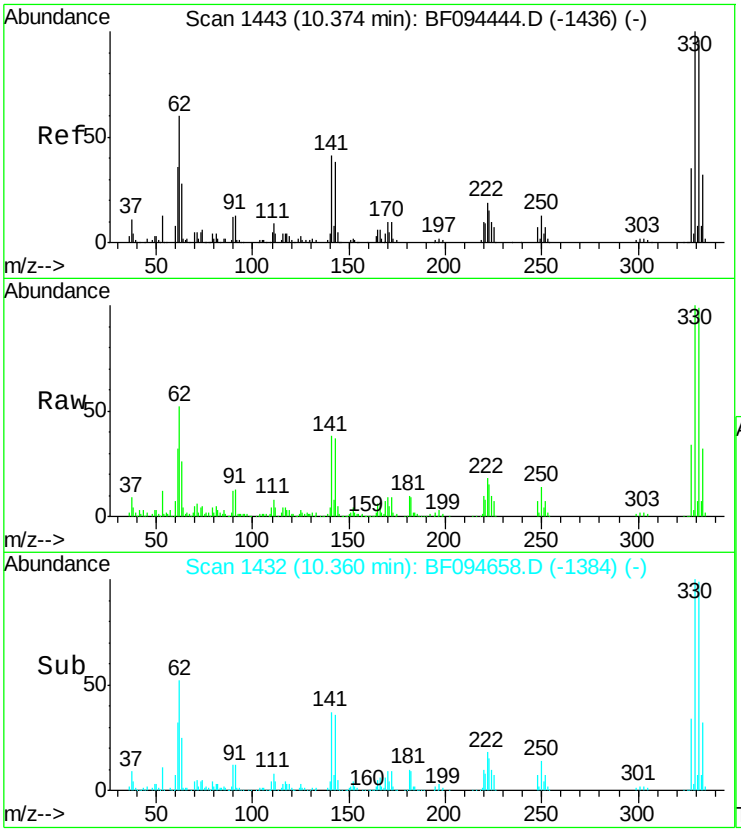


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.38 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF094658.D
Acq: 26 Apr 2017 20:23

Tgt Ion:164 Resp: 202276

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.6	123.8
160	44.5	36.2	54.2



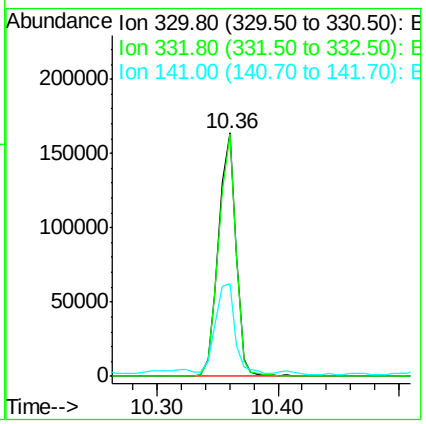


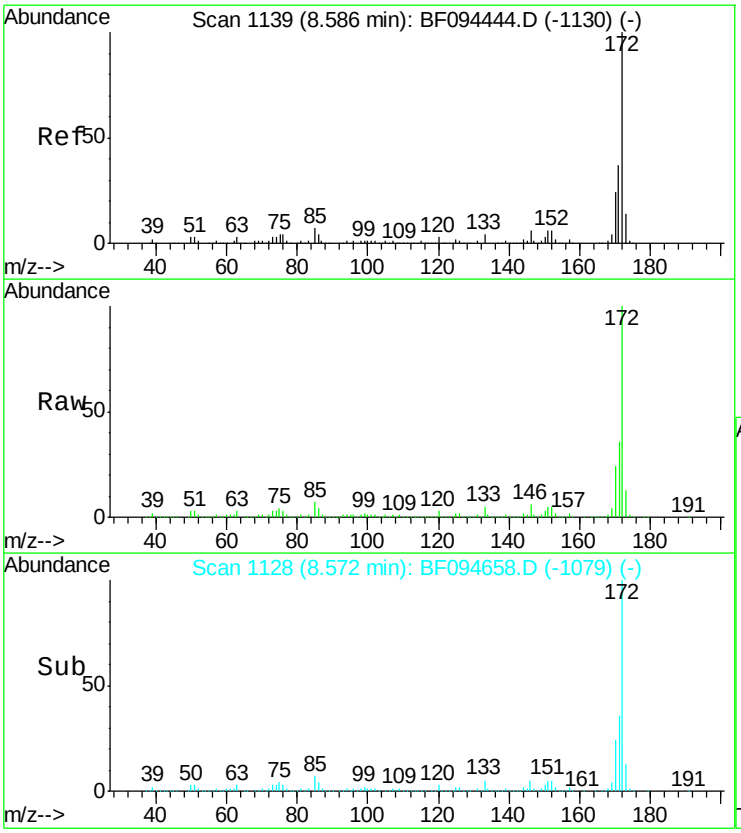
#41
2,4,6-Tribromophenol
Concen: 103.69 ng
RT: 10.36 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF094658.D
Acq: 26 Apr 2017 20:23

Instrument :
BNA_F
ClientSampleId :
E2-W10-BASE

Tgt Ion:330 Resp: 164055

Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.6	115.0
141	41.8	31.4	47.2

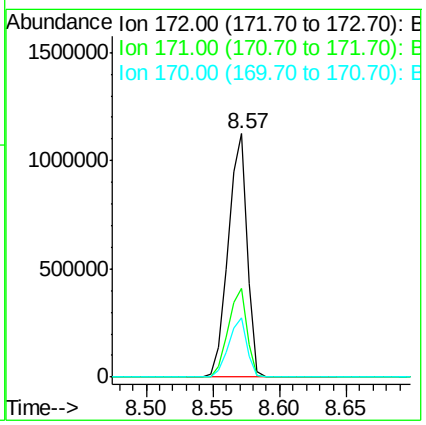


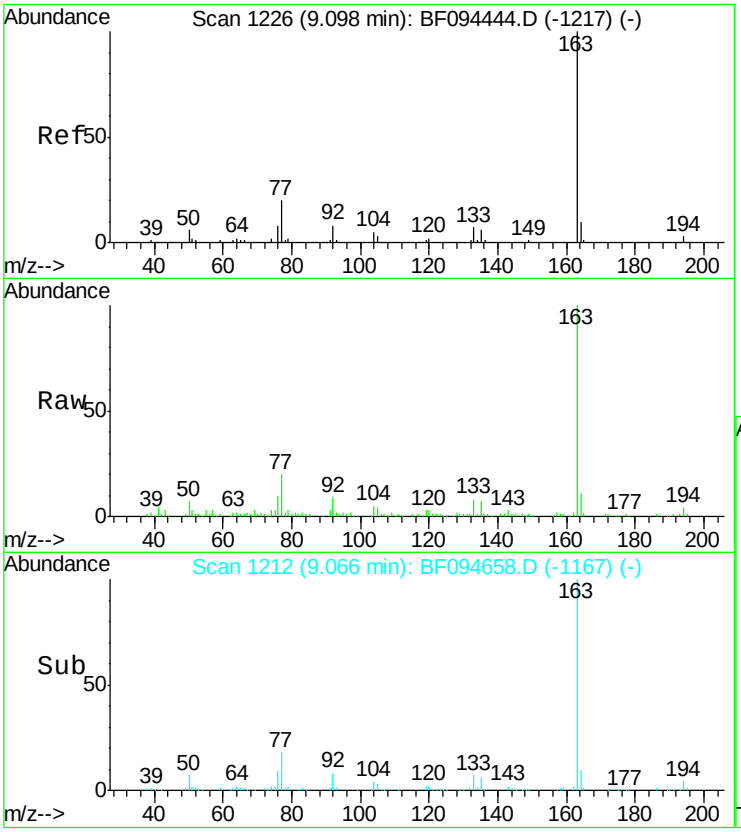


#44
2-Fluorobiphenyl
Concen: 82.21 ng
RT: 8.57 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF094658.D
Acq: 26 Apr 2017 20:23

Tgt Ion:172 Resp: 1130202

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.2	19.8	29.8



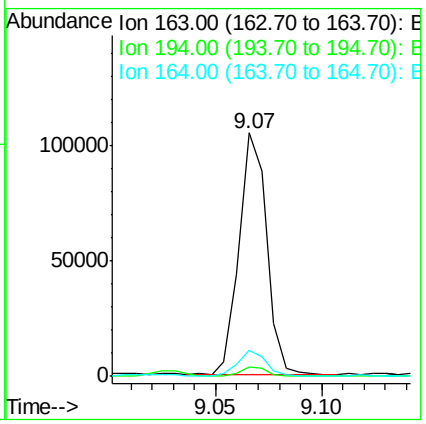


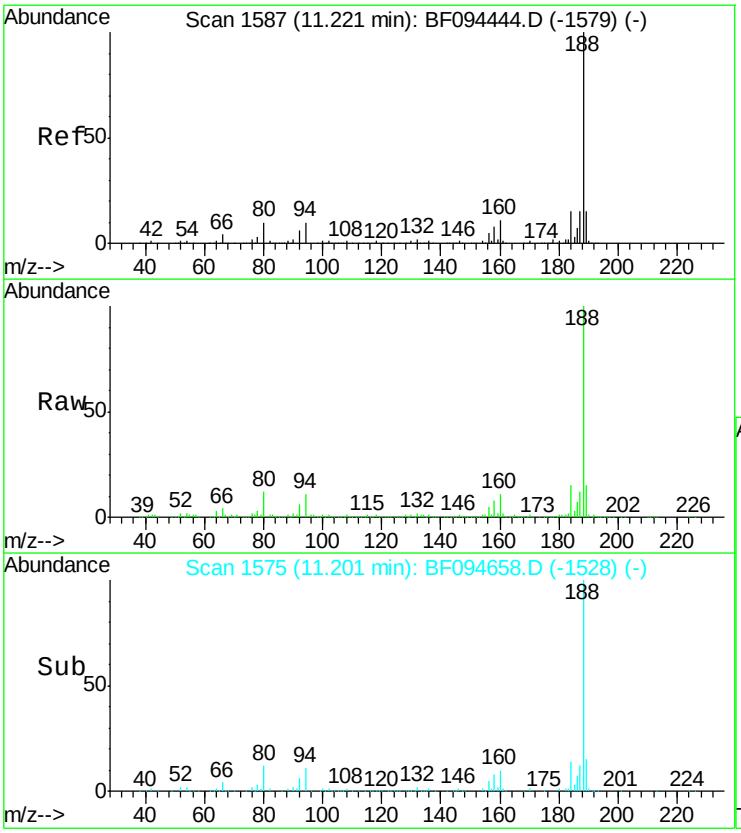
#49
Dimethylphthalate
Concen: 6.30 ng
RT: 9.07 min Scan# 1212
Delta R.T. -0.03 min
Lab File: BF094658.D
Acq: 26 Apr 2017 20:23

Instrument :
BNA_F
ClientSampleId :
E2-W10-BASE

Tgt Ion:163 Resp: 94977

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.6	4.0
164	10.6	8.4	12.6

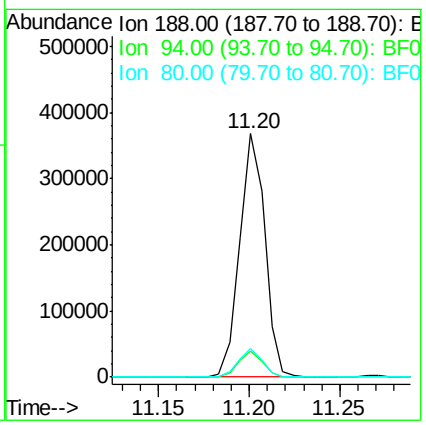


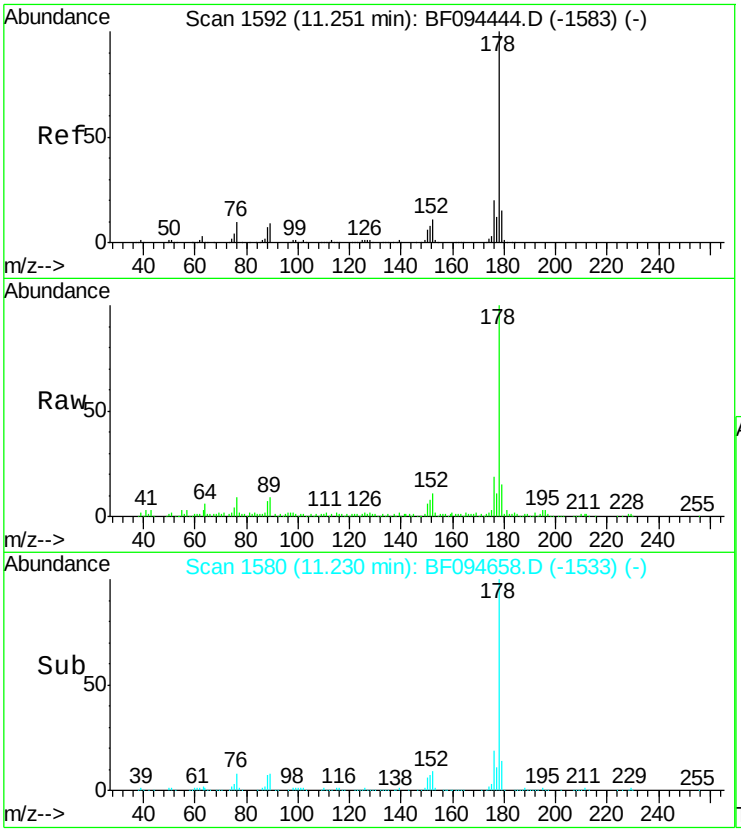


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF094658.D
Acq: 26 Apr 2017 20:23

Tgt Ion:188 Resp: 356038

Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.4	14.2
80	11.7	10.2	15.2



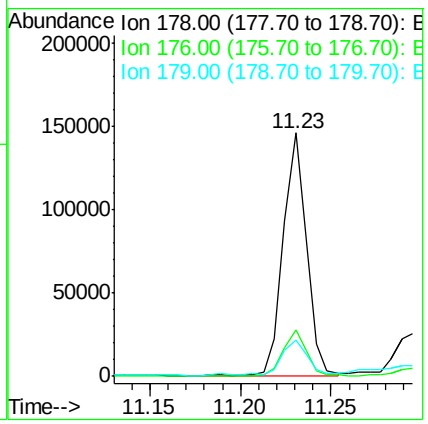


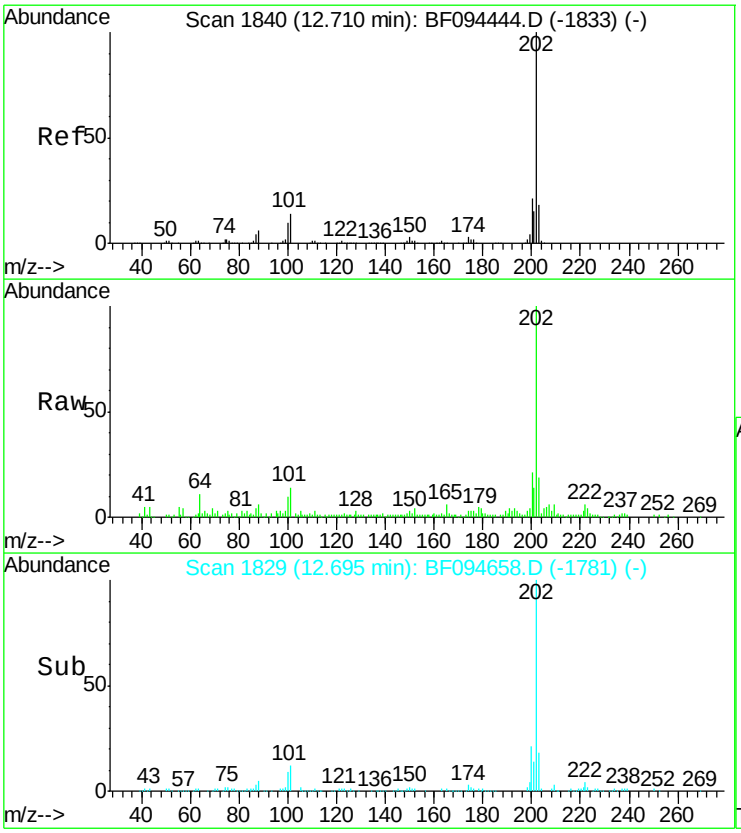
#70
Phenanthrene
Concen: 6.49 ng
RT: 11.23 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF094658.D
Acq: 26 Apr 2017 20:23

Instrument :
BNA_F
ClientSampleId :
E2-W10-BASE

Tgt Ion:178 Resp: 130192

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	14.7	12.6	19.0

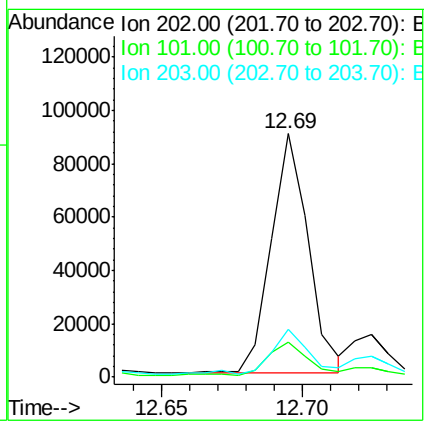


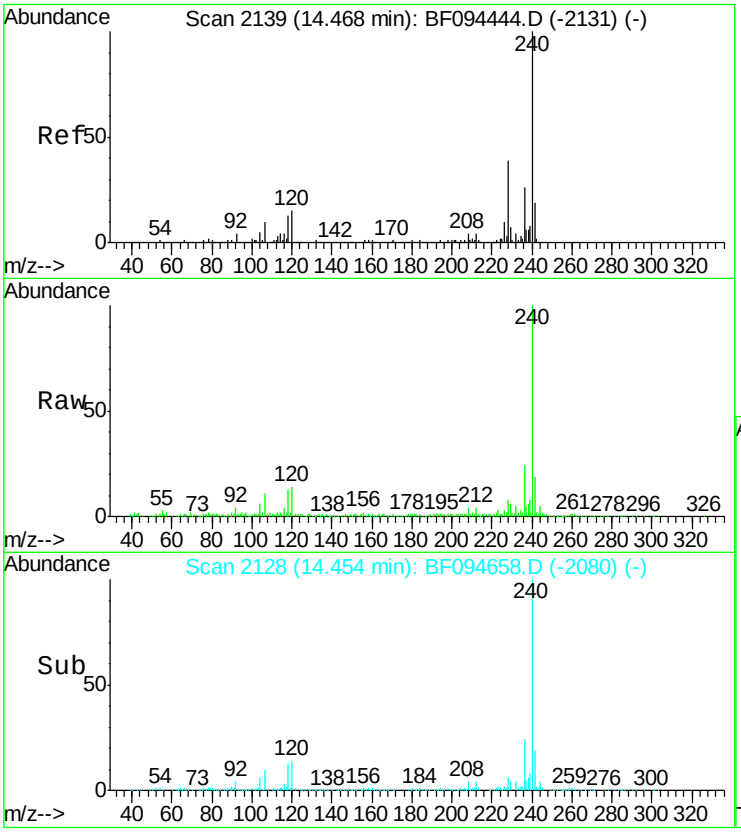


#74
Fluoranthene
Concen: 3.96 ng
RT: 12.69 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF094658.D
Acq: 26 Apr 2017 20:23

Tgt Ion:202 Resp: 82285

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	33.2
203	19.4	0.0	38.1



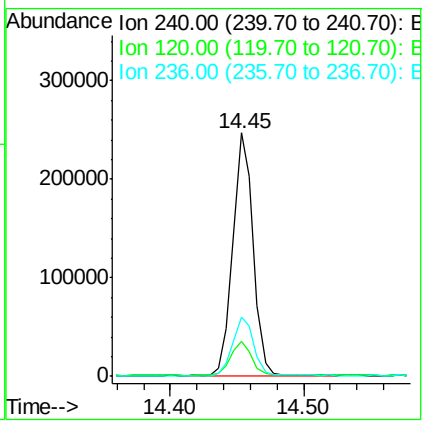


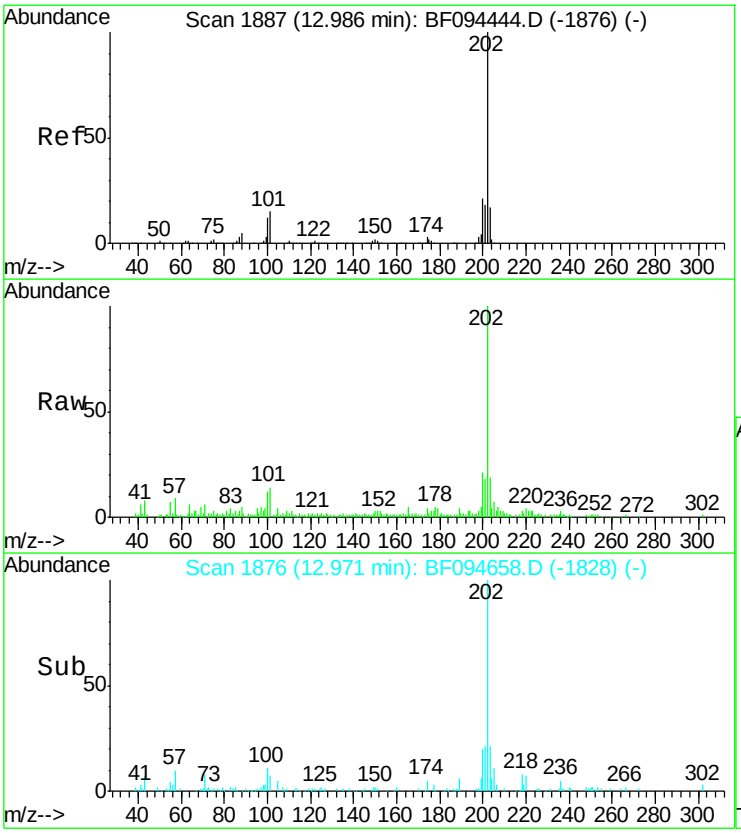
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.45 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BF094658.D
Acq: 26 Apr 2017 20:23

Instrument :
BNA_F
ClientSampleId :
E2-W10-BASE

Tgt Ion:240 Resp: 264056

Ion	Ratio	Lower	Upper
240	100		
120	14.3	5.8	8.8#
236	24.3	20.5	30.7

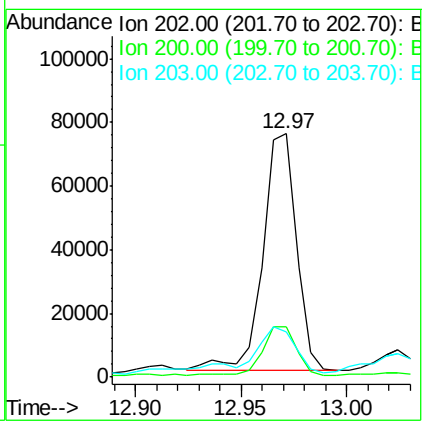


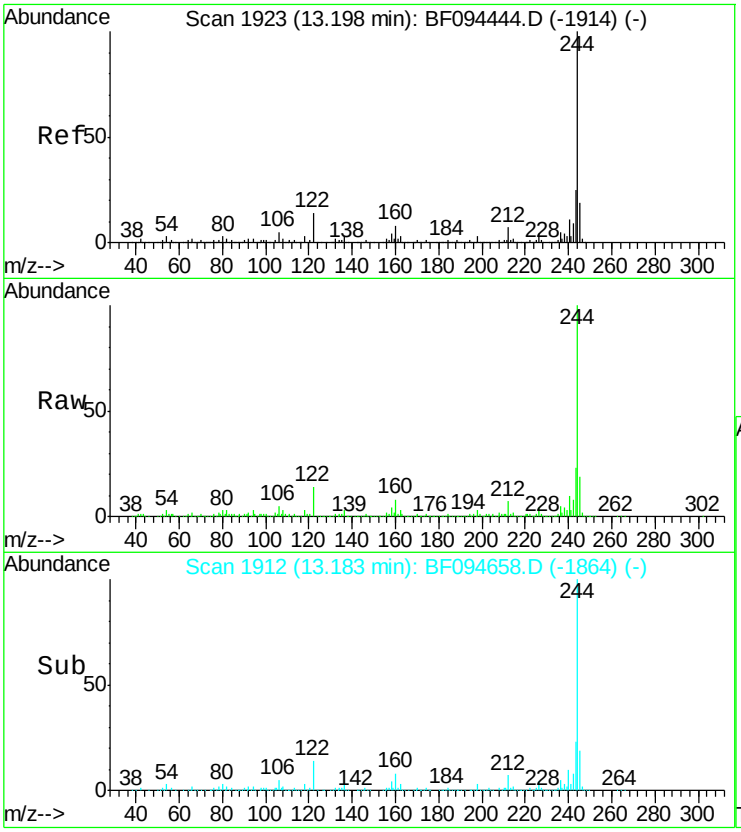


#77
Pyrene
Concen: 4.51 ng
RT: 12.97 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BF094658.D
Acq: 26 Apr 2017 20:23

Tgt Ion:202 Resp: 83140

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.6	26.4
203	18.8	14.4	21.6



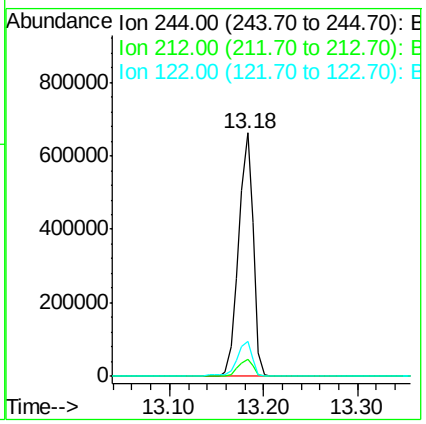


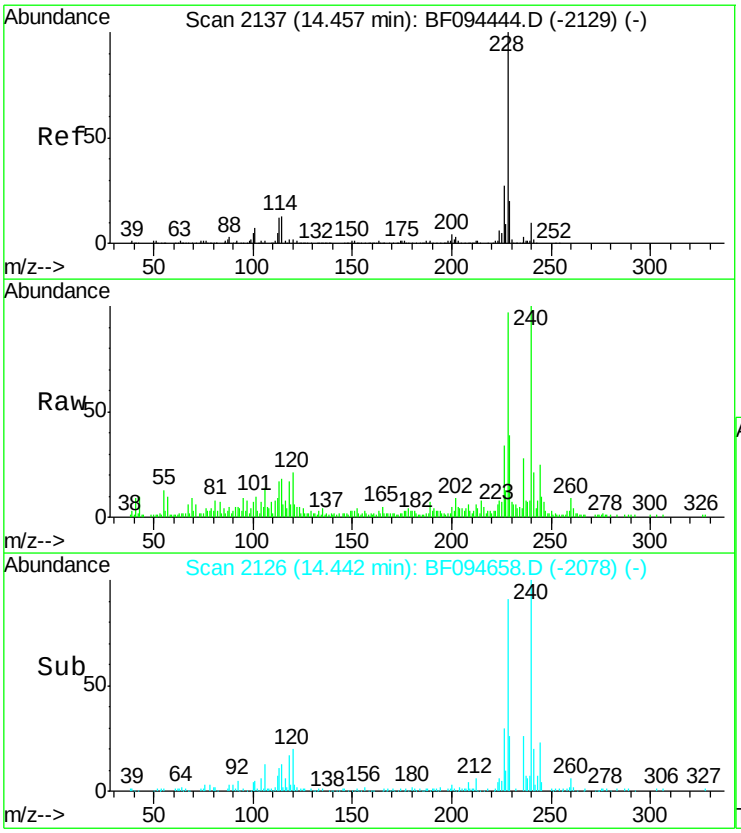
#78
Terphenyl-d14
Concen: 72.55 ng
RT: 13.18 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BF094658.D
Acq: 26 Apr 2017 20:23

Instrument :
BNA_F
ClientSampleId :
E2-W10-BASE

Tgt Ion:244 Resp: 716727

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	14.2	10.3	15.5

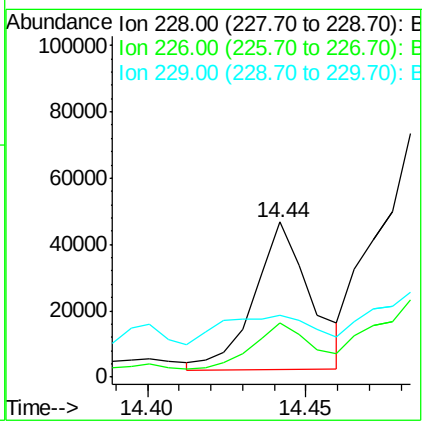


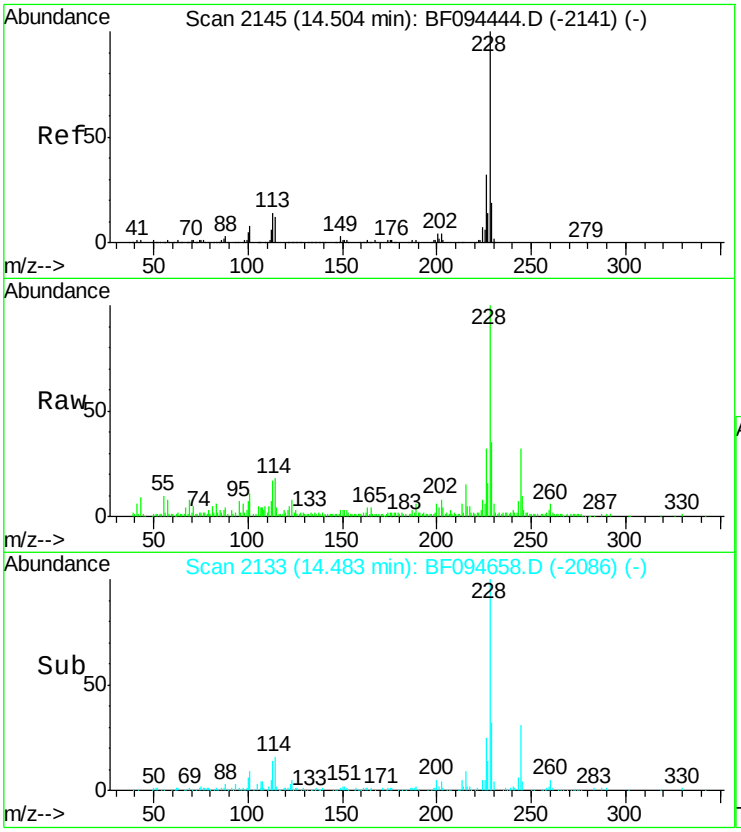


#80
Benzo(a)anthracene
Concen: 3.57 ng
RT: 14.44 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BF094658.D
Acq: 26 Apr 2017 20:23

Tgt Ion:228 Resp: 54721

Ion	Ratio	Lower	Upper
228	100		
226	34.7	22.6	33.8#
229	39.9	16.3	24.5#



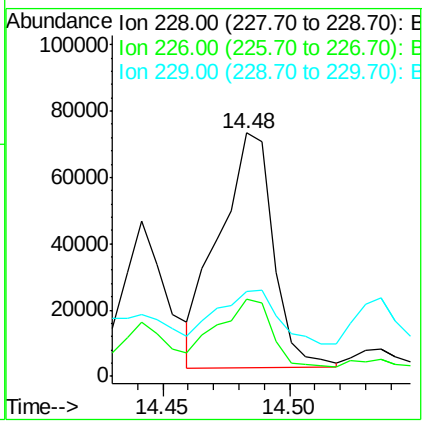


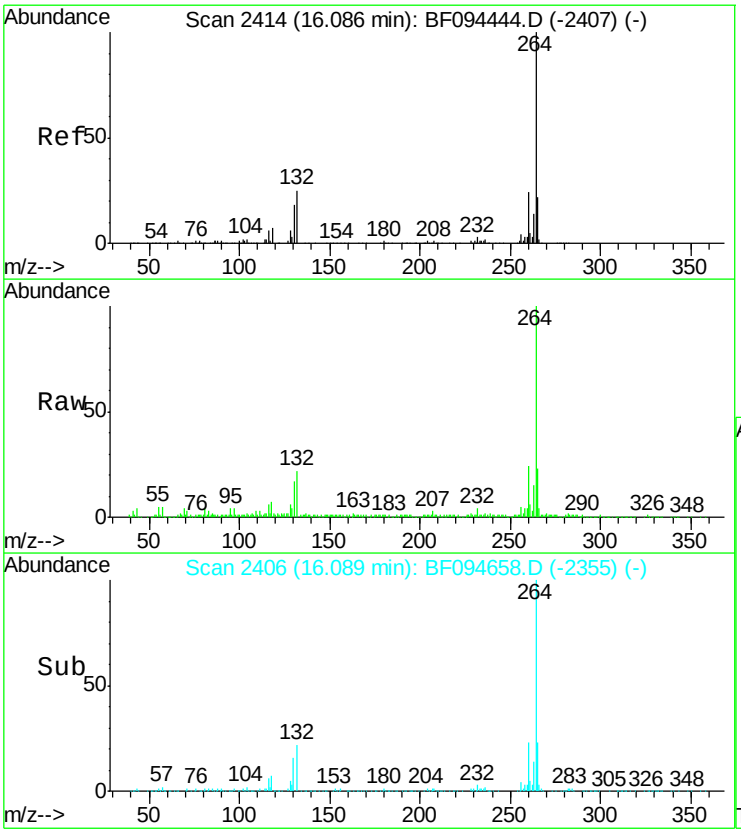
#82
Chrysene
Concen: 7.53 ng
RT: 14.48 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BF094658.D
Acq: 26 Apr 2017 20:23

Instrument :
BNA_F
ClientSampleId :
E2-W10-BASE

Tgt Ion:228 Resp: 105573

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.9	37.3
229	35.0	15.8	23.6#

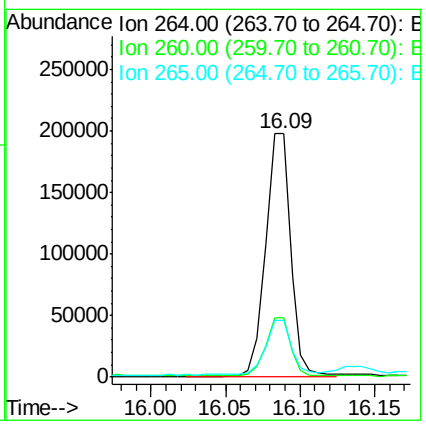


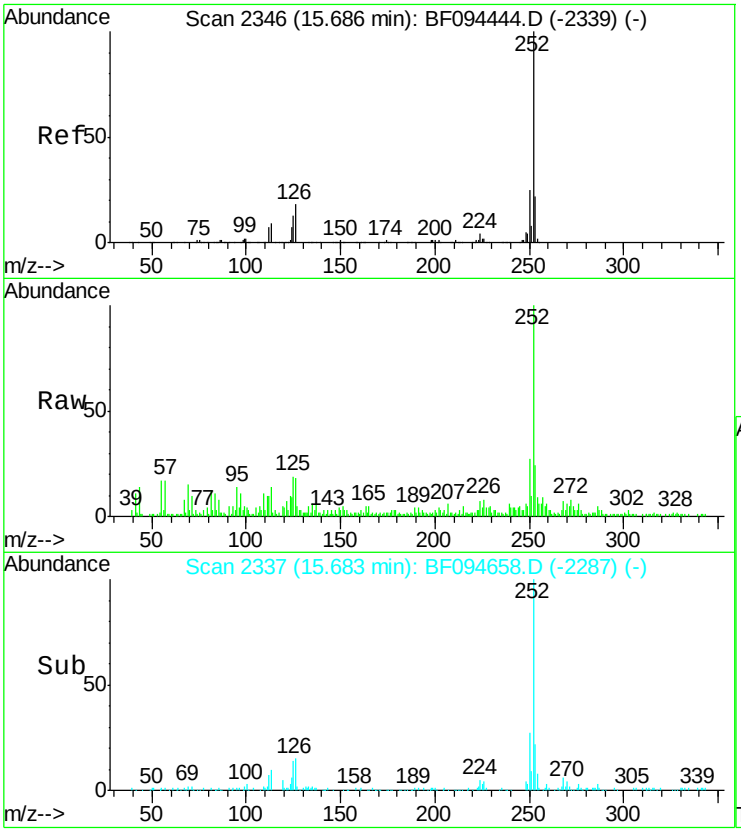


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 2406
Delta R.T. 0.00 min
Lab File: BF094658.D
Acq: 26 Apr 2017 20:23

Tgt Ion:264 Resp: 228986

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	23.1	17.2	25.8



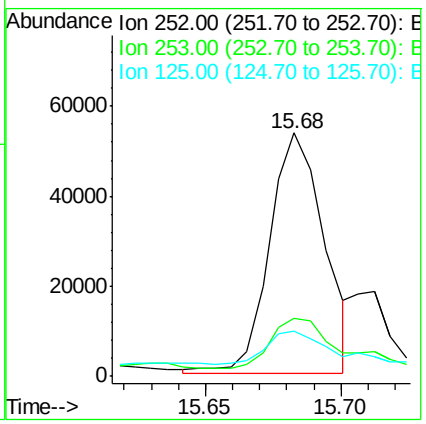


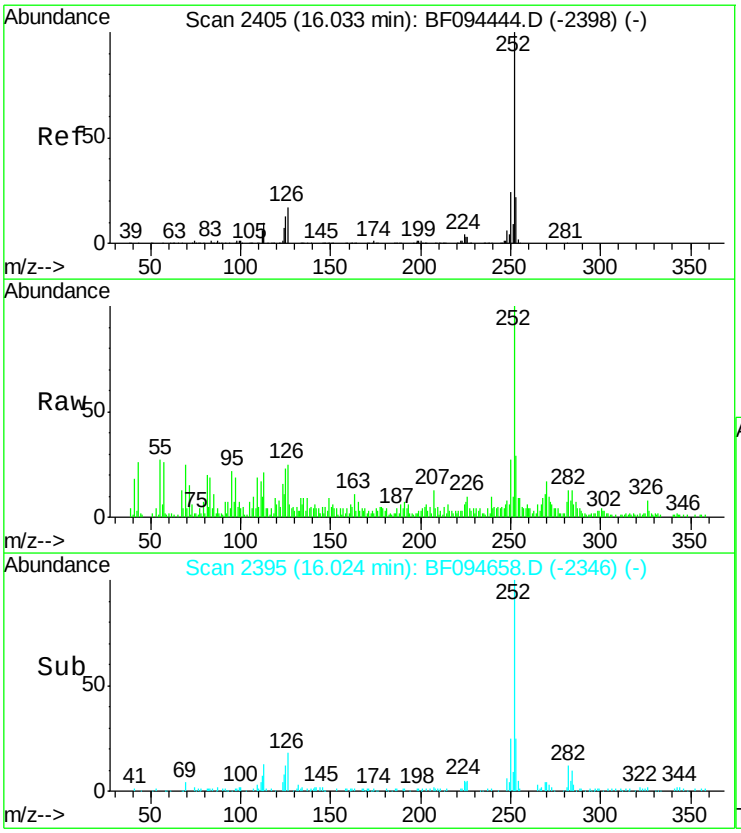
#87
Benzo(b)fluoranthene
Concen: 5.38 ng m
RT: 15.68 min Scan# 2337
Delta R.T. -0.00 min
Lab File: BF094658.D
Acq: 26 Apr 2017 20:23

Instrument :
BNA_F
ClientSampleId :
E2-W10-BASE

Tgt Ion:252 Resp: 75428

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.1	27.1
125	18.6	9.8	14.8#

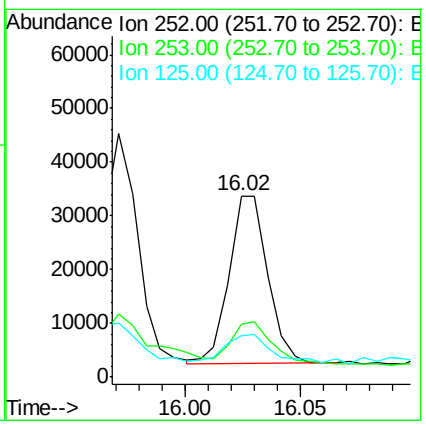


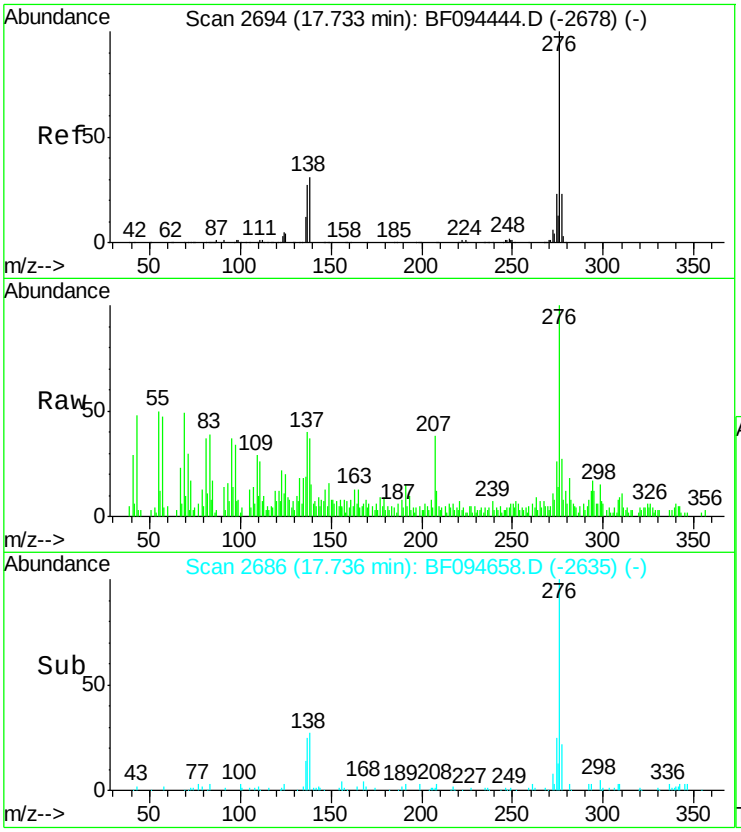


#89
Benzo(a)pyrene
Concen: 2.81 ng
RT: 16.02 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BF094658.D
Acq: 26 Apr 2017 20:23

Tgt Ion:252 Resp: 36653

Ion	Ratio	Lower	Upper
252	100		
253	29.2	17.5	26.3#
125	22.9	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 2.27 ng
RT: 17.74 min Scan# 2686
Delta R.T. 0.00 min
Lab File: BF094658.D
Acq: 26 Apr 2017 20:23

Instrument :
BNA_F
ClientSampleId :
E2-W10-BASE

Tgt Ion:276 Resp: 24988

Ion	Ratio	Lower	Upper
276	100		
277	27.1	18.6	28.0
138	36.6	25.4	38.0