Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042417\
Data File : BF094584.D
Acq On : 24 Apr 2017 14:44
Operator : SJ/MA
Sample : I2780-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PE-5

Quant Time: Apr 25 01:04:39 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	149381	20.00	ng		0.00
21) Naphthalene-d8	7.25	136	571696	20.00	ng		-0.01
38) Acenaphthene-d10	9.38	164	242374	20.00	ng		-0.02
63) Phenanthrene-d10	11.20	188	394893	20.00	ng		-0.02
75) Chrysene-d12	14.45	240	258033	20.00	ng		-0.02
86) Perylene-d12	16.08	264	237551	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.32	112	1216359	135.09	ng		0.01
7) Phenol-d6	5.40	99	1480430	139.47	ng		0.00
23) Nitrobenzene-d5	6.41	82	916412	98.98	ng		0.00
41) 2,4,6-Tribromophenol	10.36	330	260358	137.33	ng		-0.01
44) 2-Fluorobiphenyl	8.57	172	1406485	85.38	ng		-0.01
78) Terphenyl-d14	13.18	244	894559	92.67	ng		-0.01
Target Compounds							Qvalue
10) Phenol	5.40	94	93718	7.19	ng		95
19) n-Nitroso-di-n-propylamine	6.41	70	122429	17.41	ng	#	75
49) Dimethylphthalate	9.07	163	332568	18.41	ng		98
56) 2,4-Dinitrotoluene	9.38	165	30232	6.08	ng	#	33
74) Fluoranthene	12.69	202	64241	2.79	ng		97
77) Pyrene	12.97	202	58946	3.27	ng		95
80) Benzo(a)anthracene	14.44	228	31583	2.11	ng		99
82) Chrysene	14.48	228	32007	2.34	ng		98
87) Benzo(b)fluoranthene	15.67	252	72965	5.02	ng		98
88) Benzo(k)fluoranthene	15.67	252	72965	5.31	ng	#	95
89) Benzo(a)pyrene	16.02	252	33099	2.45	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042417\
Data File : BF094584.D
Acq On : 24 Apr 2017 14:44
Operator : SJ/MA
Sample : I2780-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PE-5

Quant Time: Apr 25 01:04:39 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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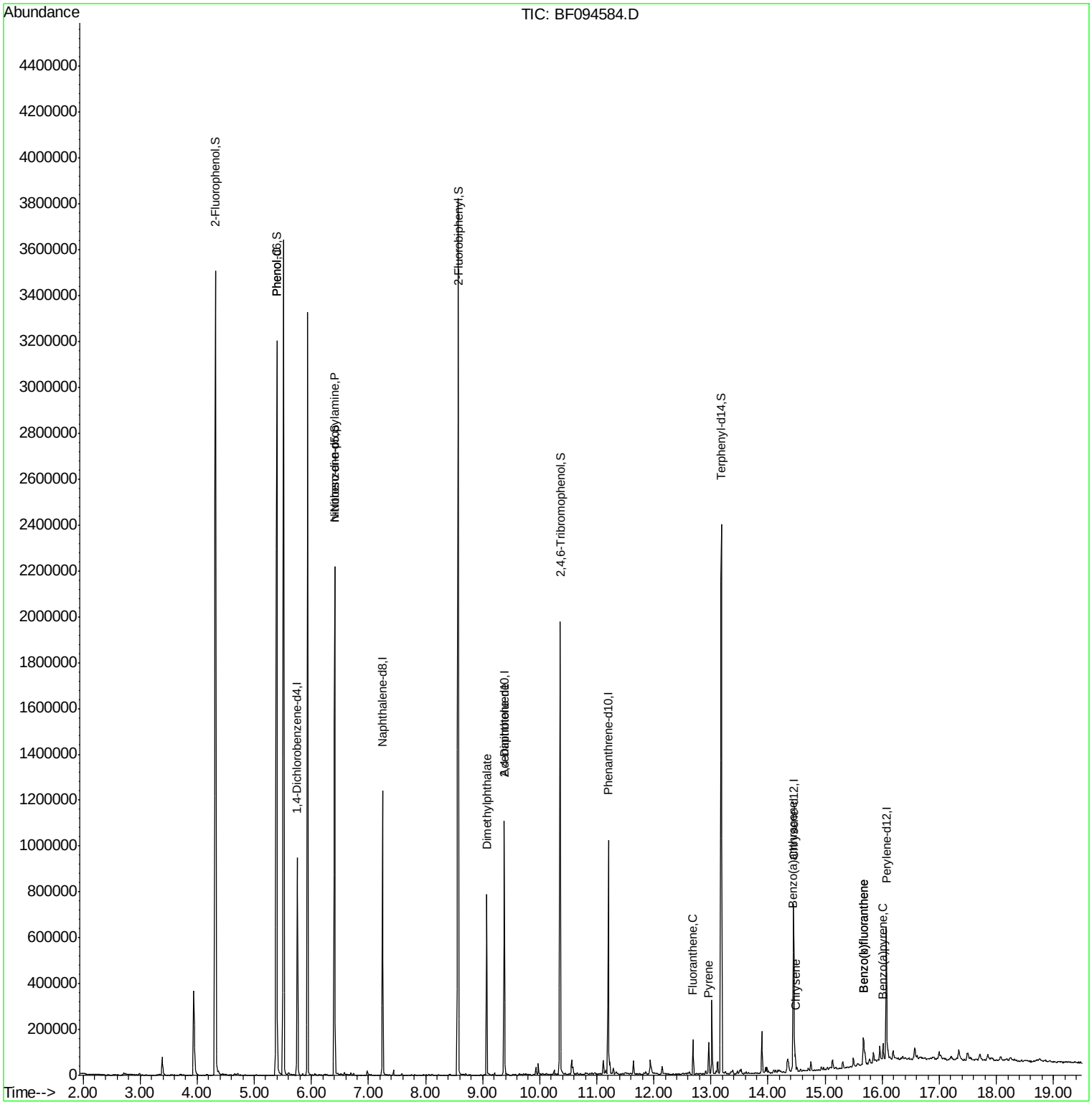
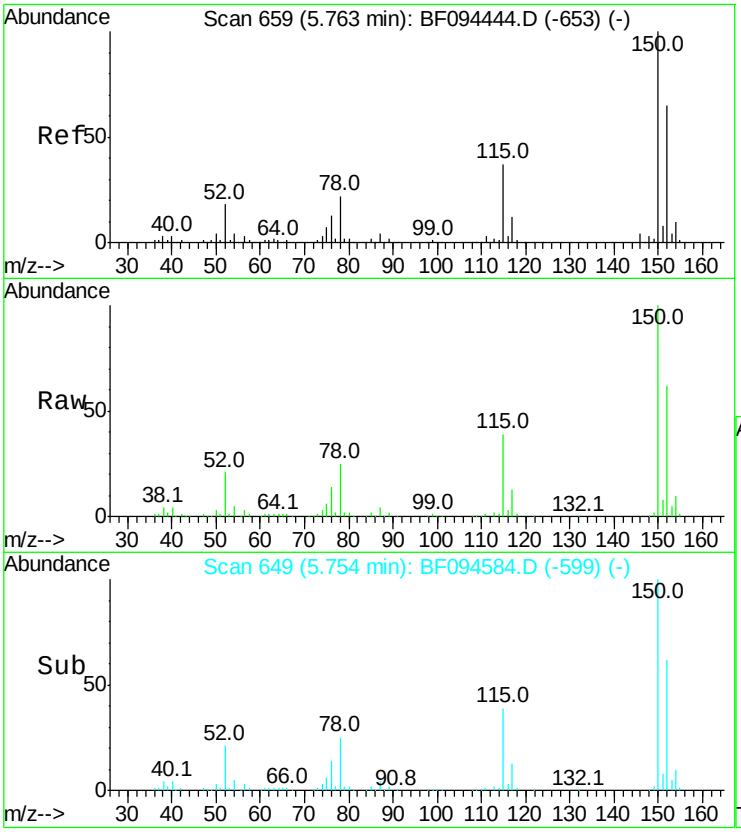


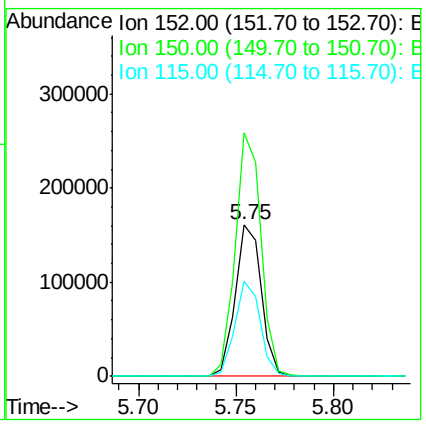


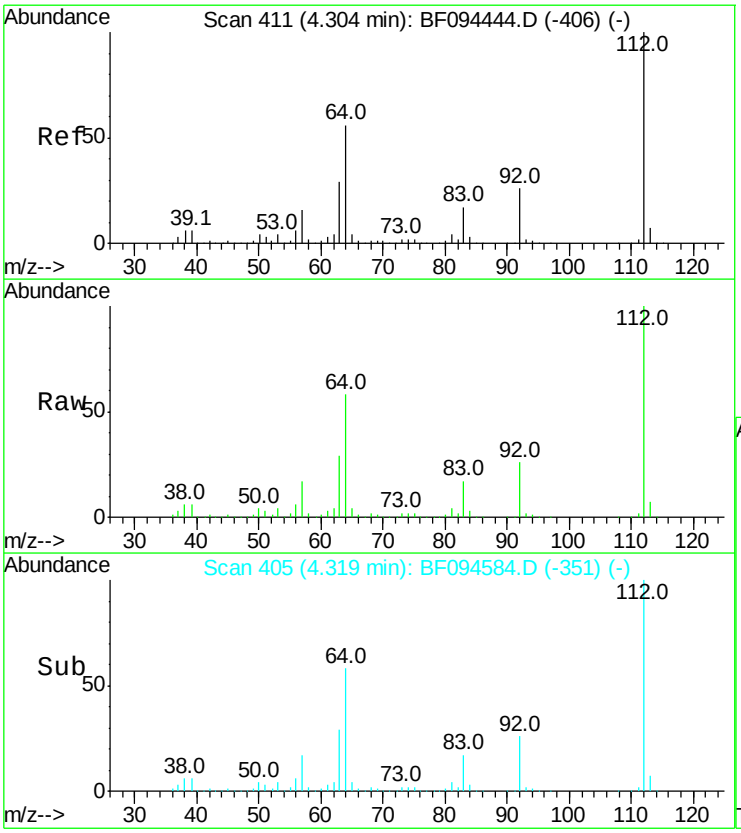
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF094584.D
Acq: 24 Apr 2017 14:44

Instrument :
BNA_F
ClientSampleId :
PE-5

Tgt Ion:152 Resp: 149381

Ion	Ratio	Lower	Upper
152	100		
150	160.3	126.2	189.2
115	63.1	52.2	78.2

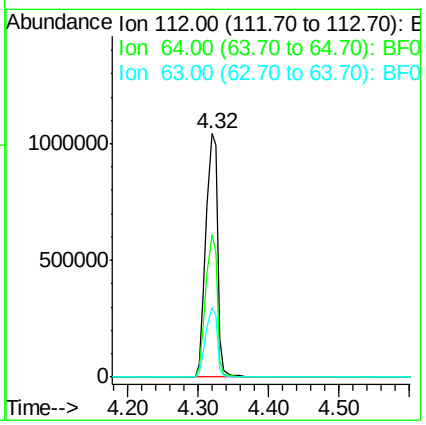


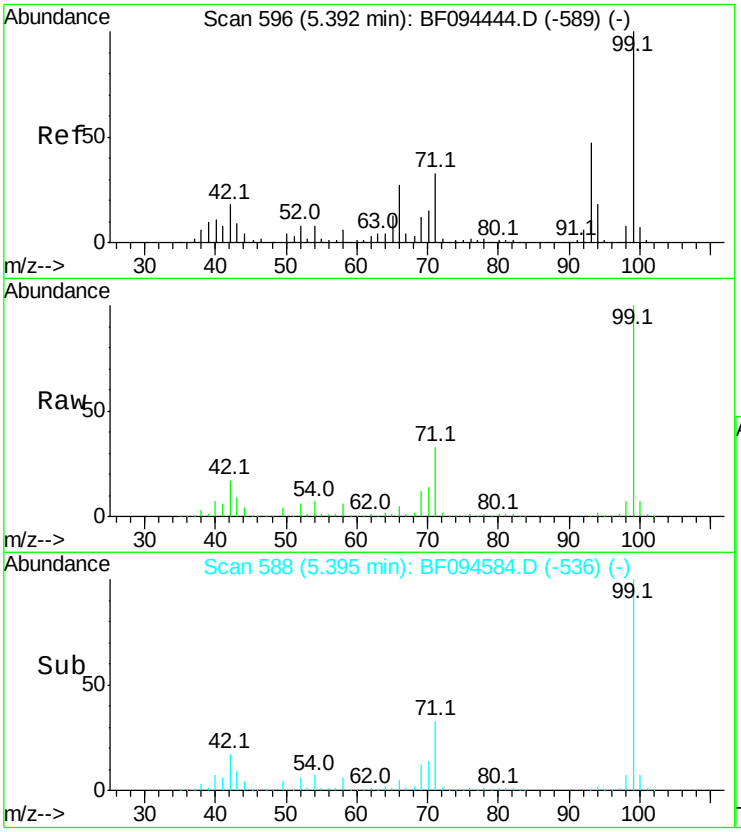


#5
2-Fluorophenol
Concen: 135.09 ng
RT: 4.32 min Scan# 405
Delta R.T. 0.01 min
Lab File: BF094584.D
Acq: 24 Apr 2017 14:44

Tgt Ion:112 Resp: 1216359

Ion	Ratio	Lower	Upper
112	100		
64	58.3	46.0	69.0
63	28.7	23.4	35.0



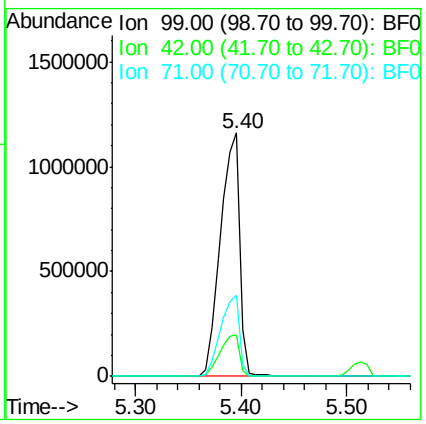


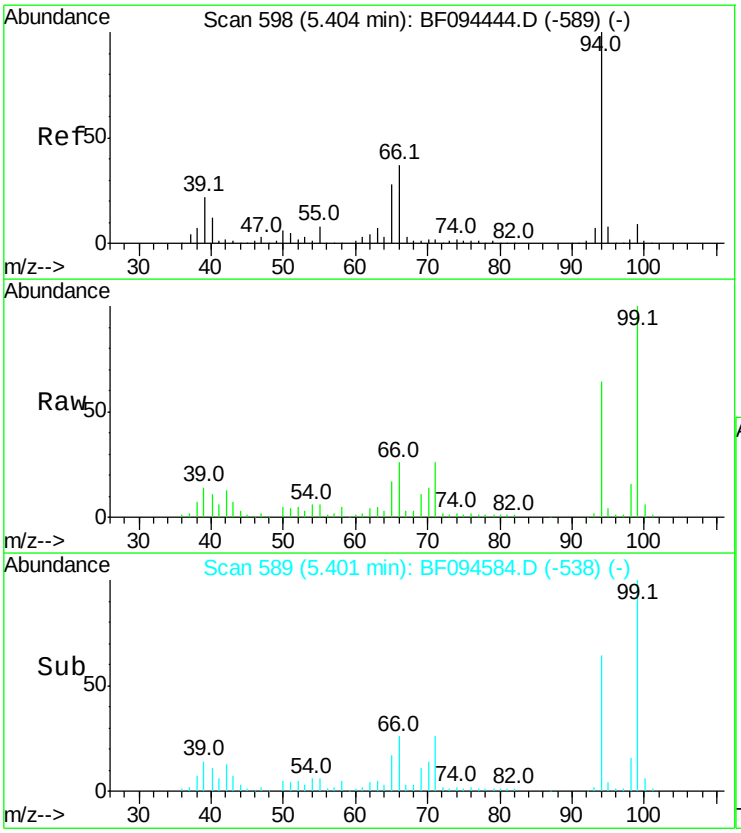
#7
Phenol-d6
Concen: 139.47 ng
RT: 5.40 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF094584.D
Acq: 24 Apr 2017 14:44

Instrument :
BNA_F
ClientSampleId :
PE-5

Tgt Ion: 99 Resp: 1480430

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.5	20.3
71	33.3	24.5	36.7

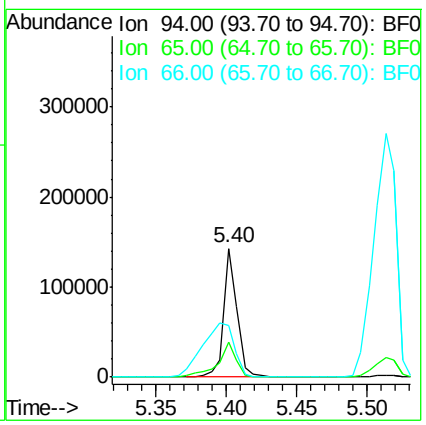


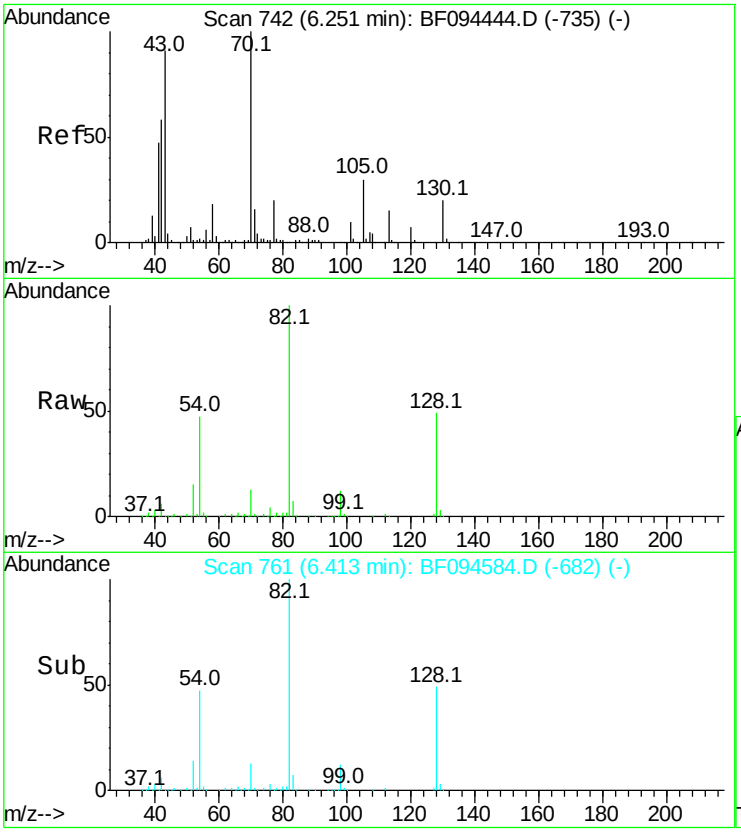


#10
Phenol
Concen: 7.19 ng
RT: 5.40 min Scan# 589
Delta R.T. -0.00 min
Lab File: BF094584.D
Acq: 24 Apr 2017 14:44

Tgt Ion: 94 Resp: 93718

Ion	Ratio	Lower	Upper
94	100		
65	27.1	9.9	49.9
66	40.4	23.1	63.1



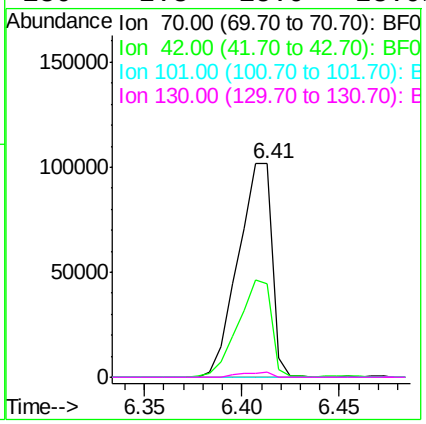


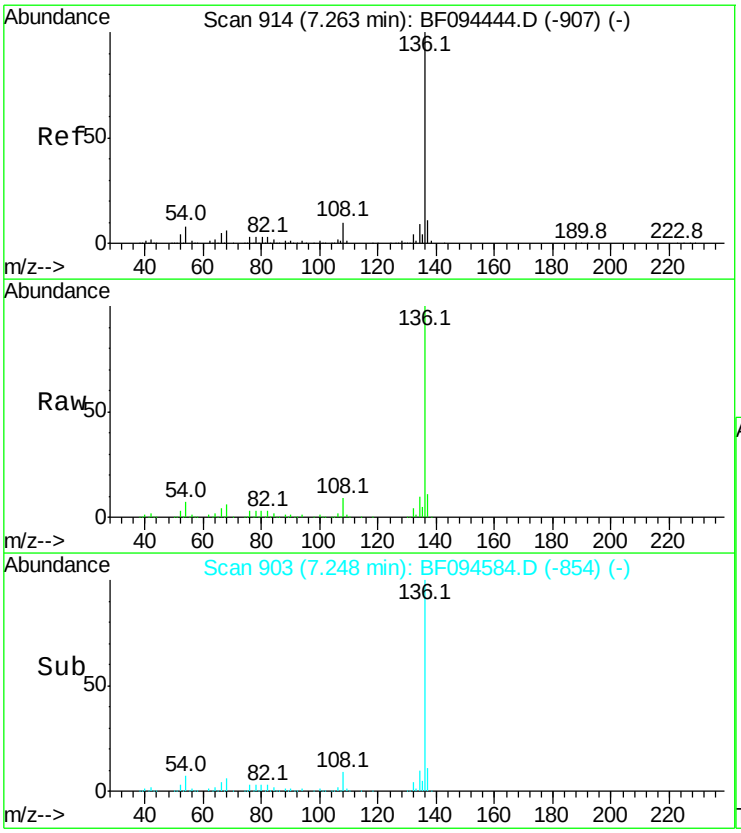
#19
n-Nitroso-di-n-propylamine
Concen: 17.41 ng
RT: 6.41 min Scan# 761
Delta R.T. 0.16 min
Lab File: BF094584.D
Acq: 24 Apr 2017 14:44

Instrument :
BNA_F
ClientSampleId :
PE-5

Tgt Ion: 70 Resp: 122429

Ion	Ratio	Lower	Upper
70	100		
42	43.5	47.2	70.8#
101	0.0	7.2	10.8#
130	2.3	15.9	23.9#

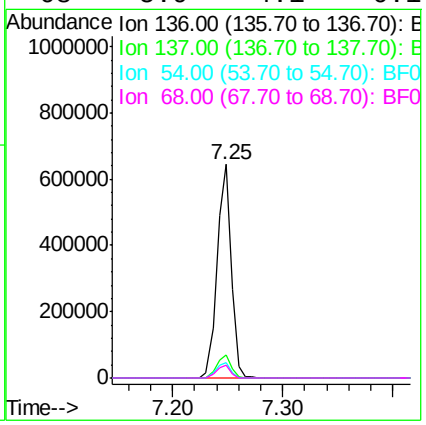


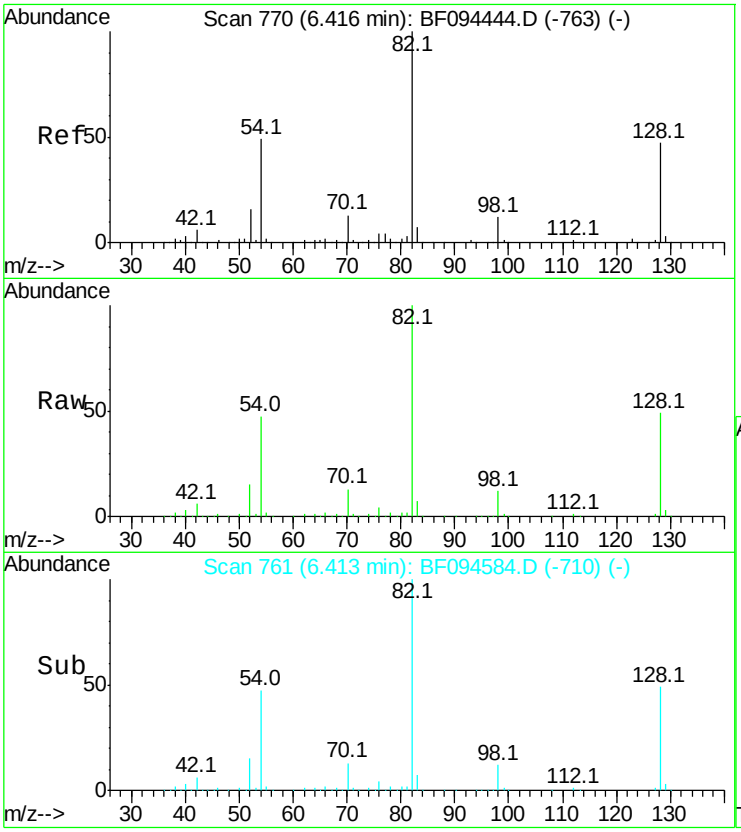


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.25 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF094584.D
Acq: 24 Apr 2017 14:44

Tgt Ion:136 Resp: 571696

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	7.1	4.9	7.3
68	5.9	4.1	6.1



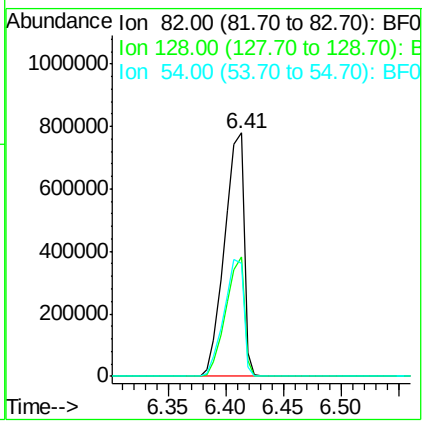


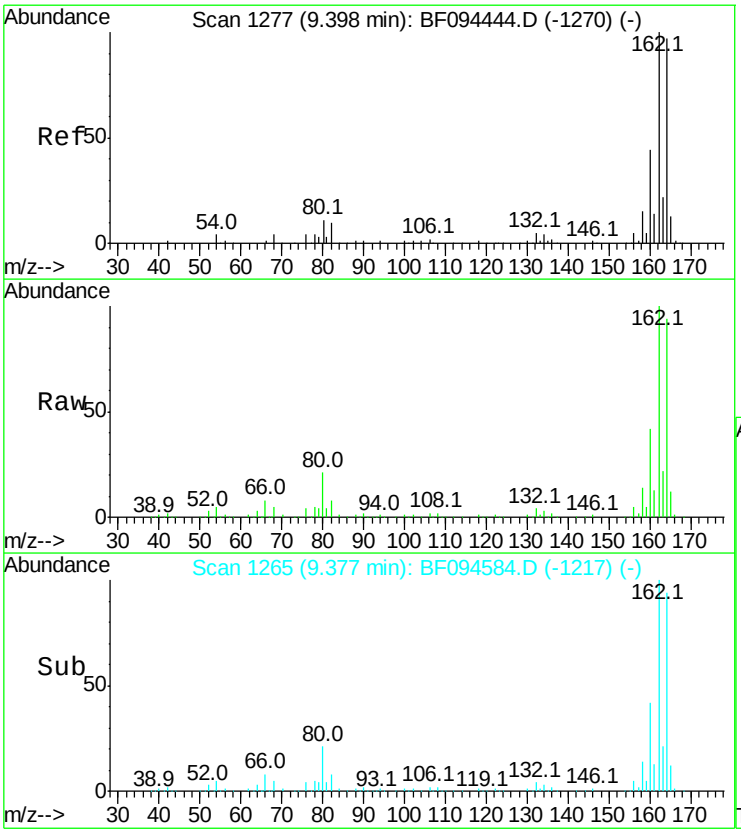
#23
Nitrobenzene-d5
Concen: 98.98 ng
RT: 6.41 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF094584.D
Acq: 24 Apr 2017 14:44

Instrument :
BNA_F
ClientSampleId :
PE-5

Tgt Ion: 82 Resp: 916412

Ion	Ratio	Lower	Upper
82	100		
128	48.8	34.0	51.0
54	46.7	42.2	63.2

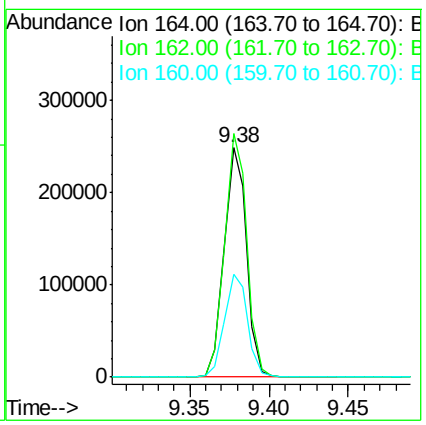


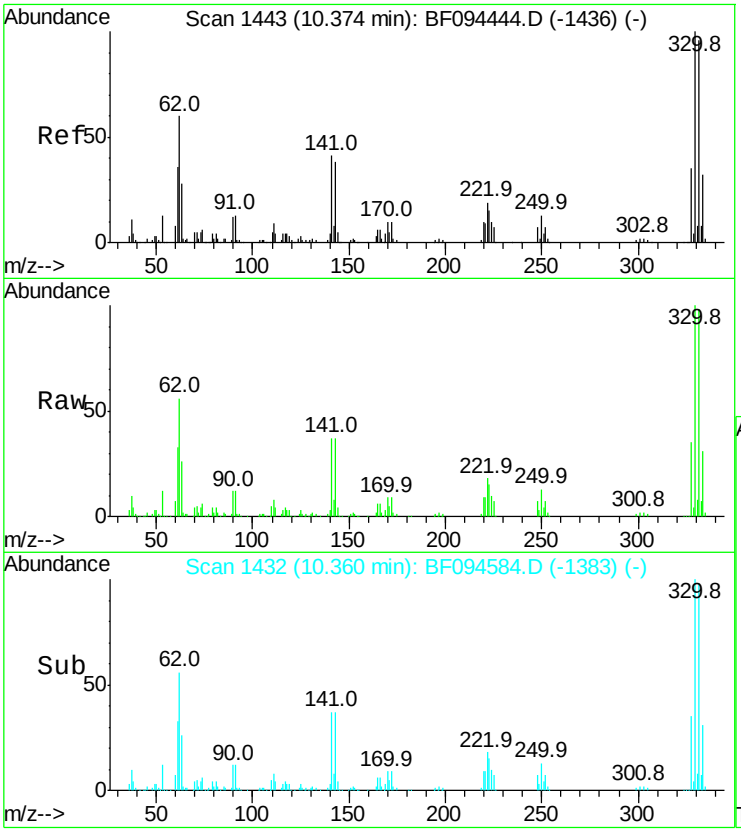


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.38 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF094584.D
Acq: 24 Apr 2017 14:44

Tgt Ion:164 Resp: 242374

Ion	Ratio	Lower	Upper
164	100		
162	106.1	82.6	123.8
160	45.1	36.2	54.2



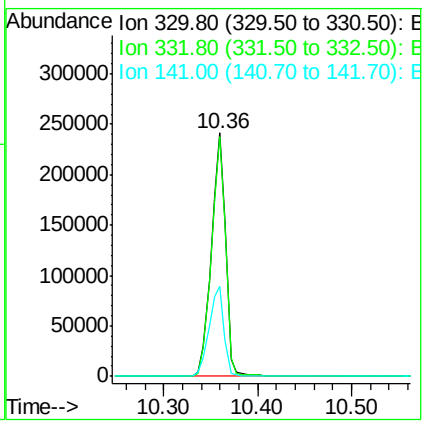


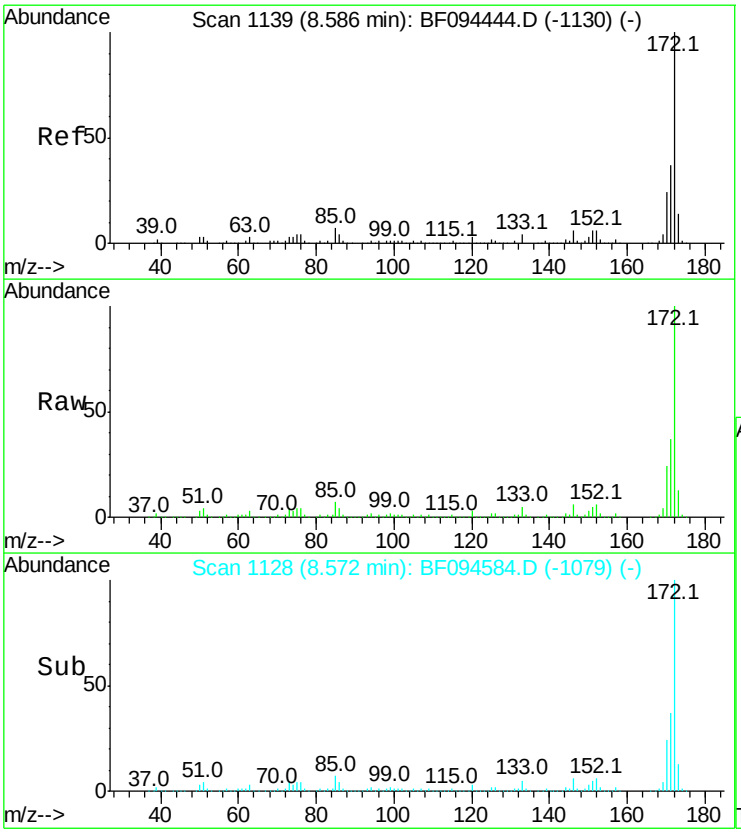
#41
2,4,6-Tribromophenol
Concen: 137.33 ng
RT: 10.36 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF094584.D
Acq: 24 Apr 2017 14:44

Instrument :
BNA_F
ClientSampleId :
PE-5

Tgt Ion:330 Resp: 260358

Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.6	115.0
141	38.9	31.4	47.2

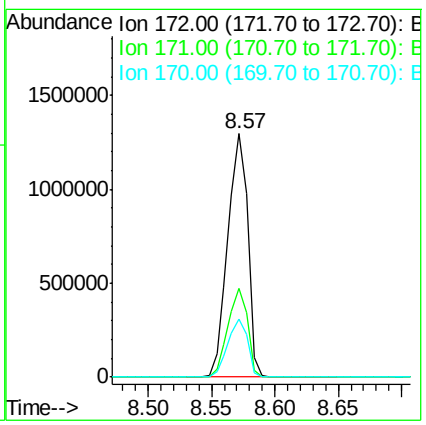


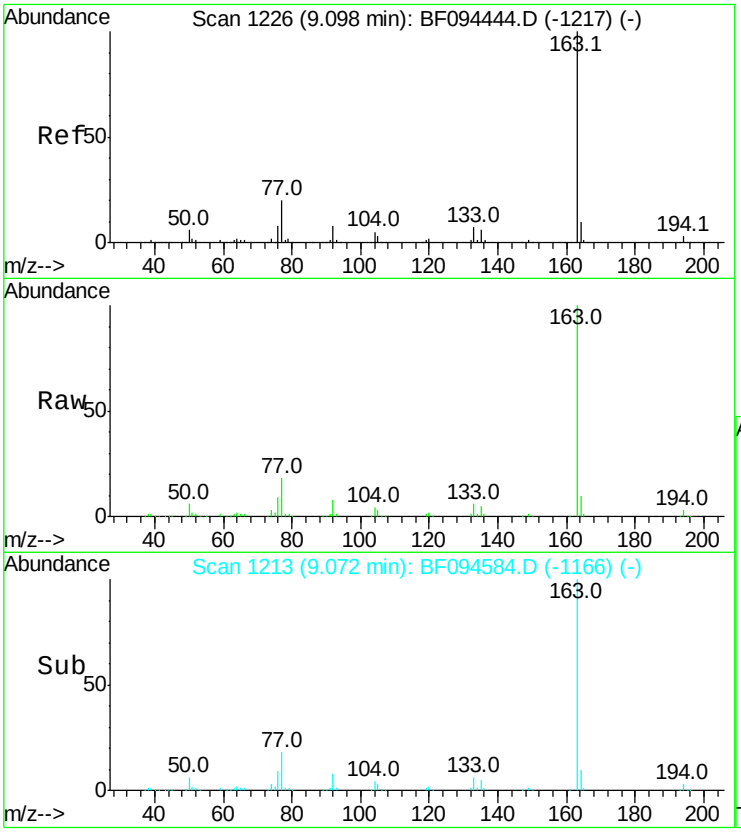


#44
2-Fluorobiphenyl
Concen: 85.38 ng
RT: 8.57 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF094584.D
Acq: 24 Apr 2017 14:44

Tgt Ion:172 Resp: 1406485

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.0	19.8	29.8



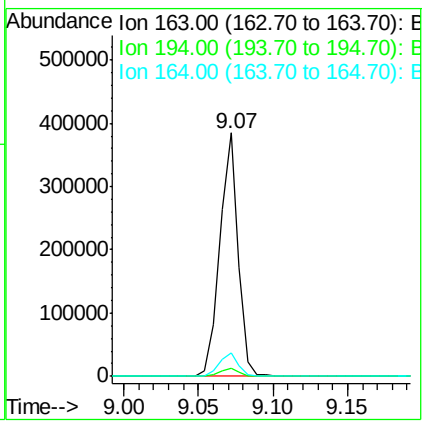


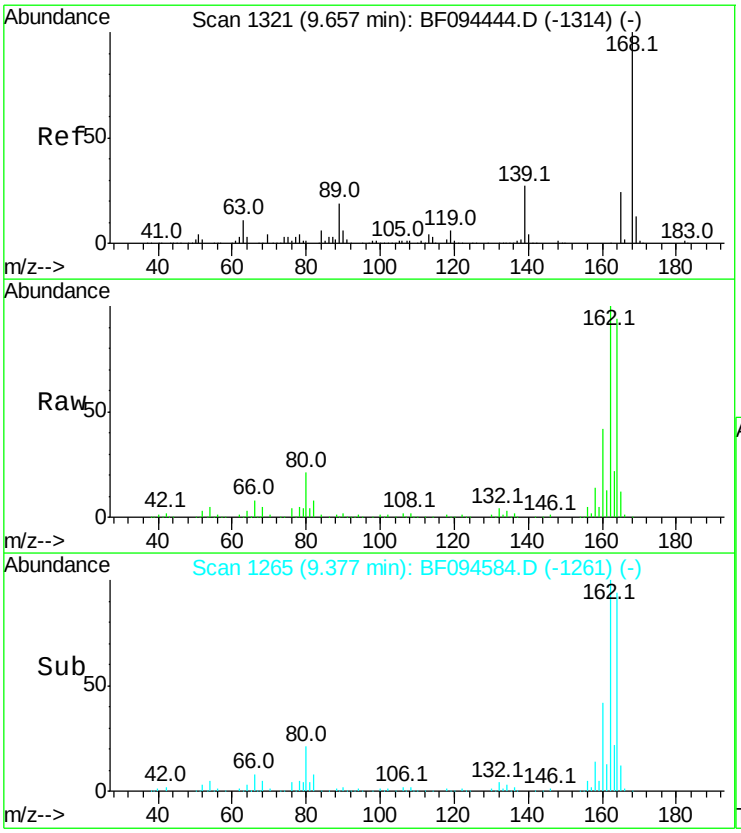
#49
Dimethylphthalate
Concen: 18.41 ng
RT: 9.07 min Scan# 1213
Delta R.T. -0.03 min
Lab File: BF094584.D
Acq: 24 Apr 2017 14:44

Instrument :
BNA_F
ClientSampleId :
PE-5

Tgt Ion:163 Resp: 332568

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.6	8.4	12.6

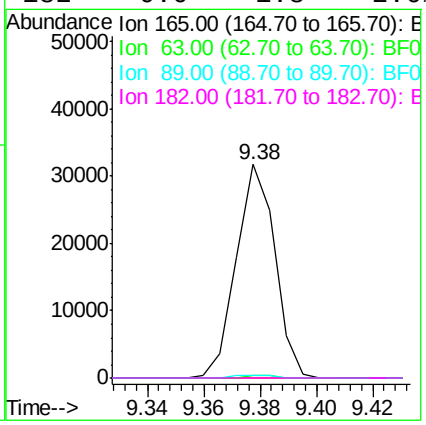


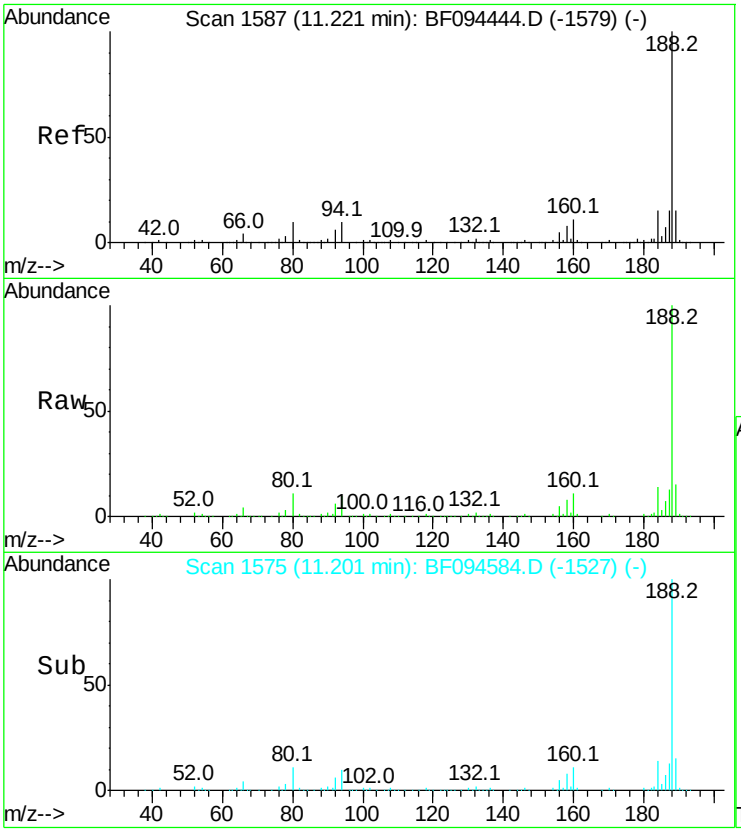


#56
2,4-Dinitrotoluene
Concen: 6.08 ng
RT: 9.38 min Scan# 1265
Delta R.T. -0.28 min
Lab File: BF094584.D
Acq: 24 Apr 2017 14:44

Tgt Ion:165 Resp: 30232

Ion	Ratio	Lower	Upper
165	100		
63	1.2	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#



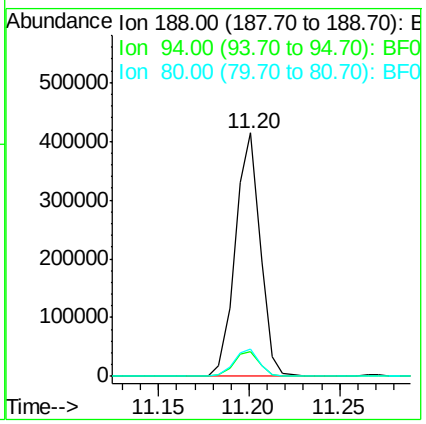


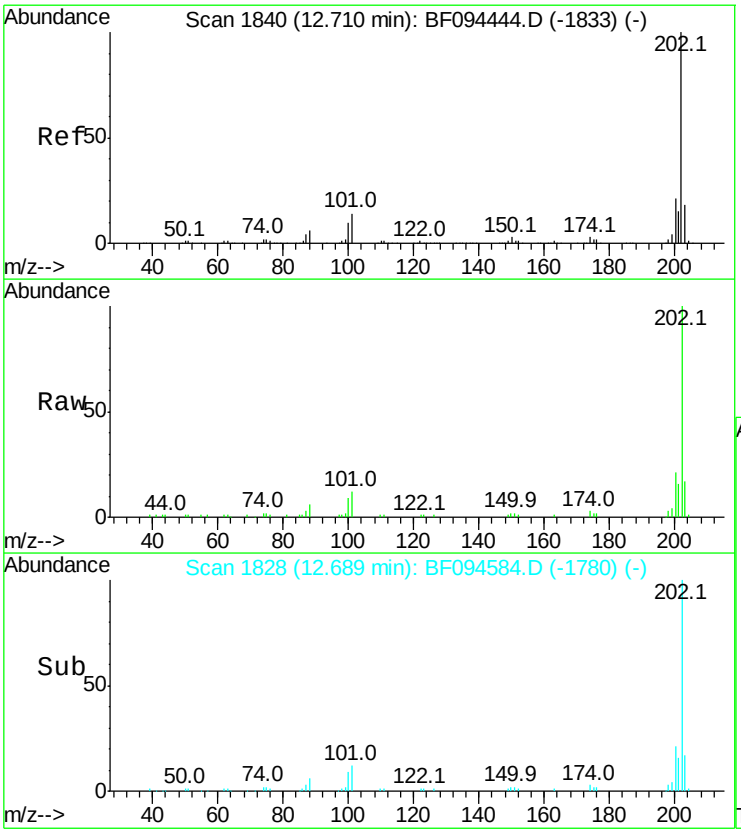
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF094584.D
Acq: 24 Apr 2017 14:44

Instrument :
BNA_F
ClientSampleId :
PE-5

Tgt Ion:188 Resp: 394893

Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.4	14.2
80	11.1	10.2	15.2

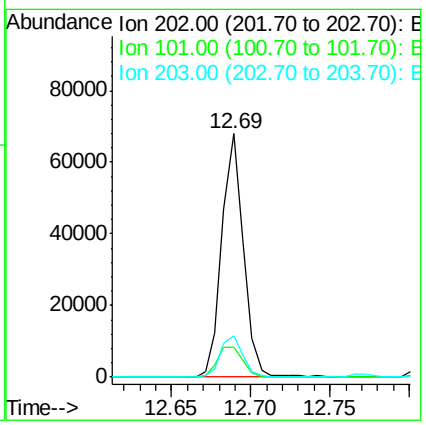


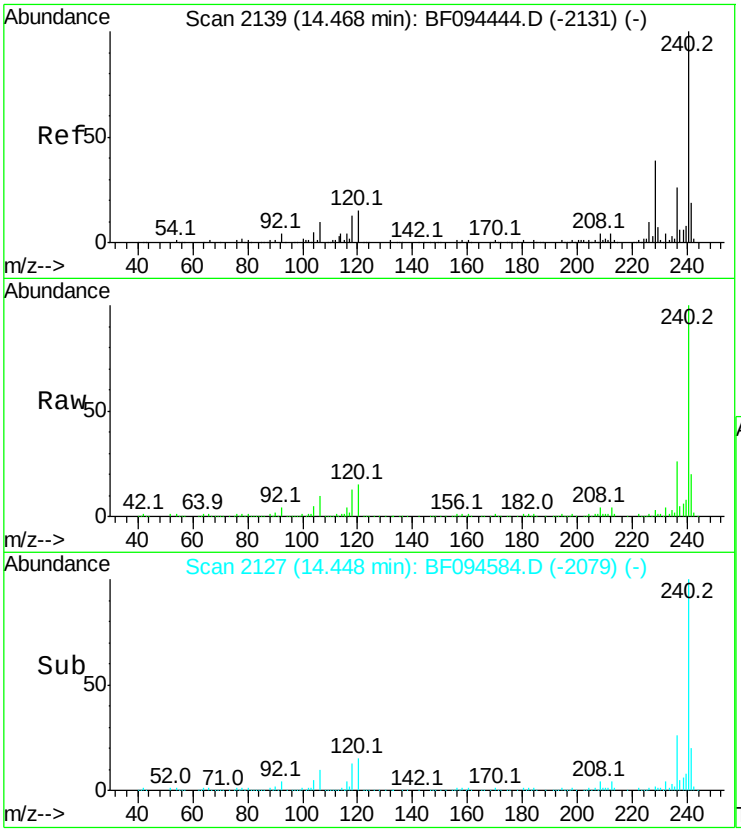


#74
Fluoranthene
Concen: 2.79 ng
RT: 12.69 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BF094584.D
Acq: 24 Apr 2017 14:44

Tgt Ion:202 Resp: 64241

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	33.2
203	16.9	0.0	38.1



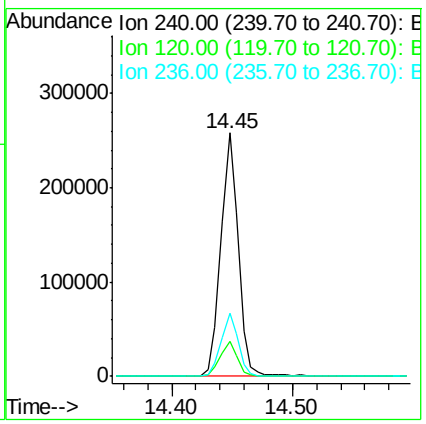


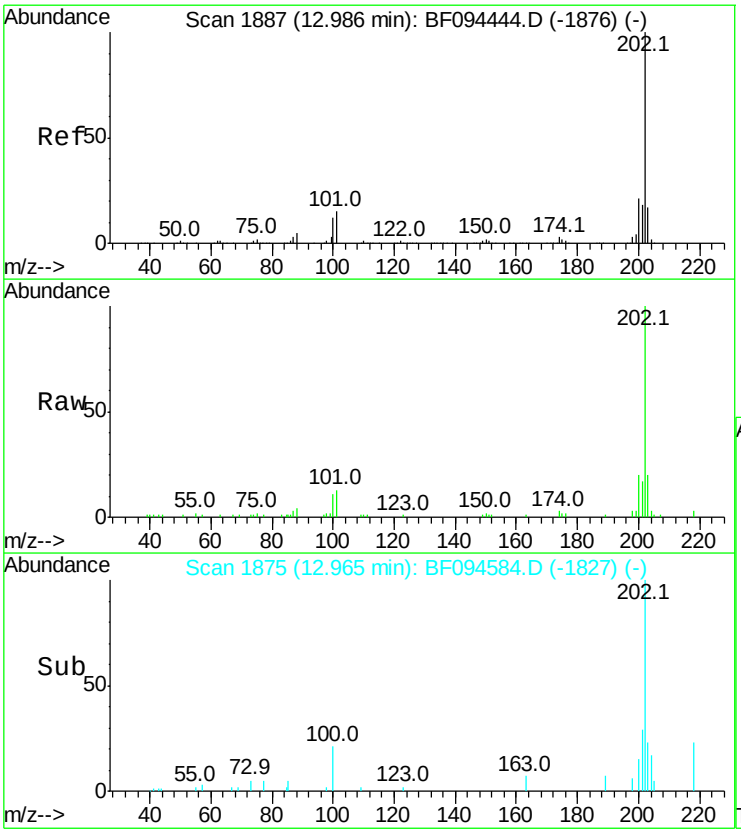
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.45 min Scan# 2127
Delta R.T. -0.02 min
Lab File: BF094584.D
Acq: 24 Apr 2017 14:44

Instrument :
BNA_F
ClientSampleId :
PE-5

Tgt Ion:240 Resp: 258033

Ion	Ratio	Lower	Upper
240	100		
120	14.5	5.8	8.8#
236	25.8	20.5	30.7

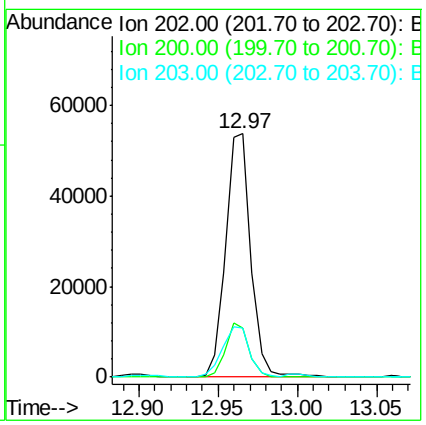


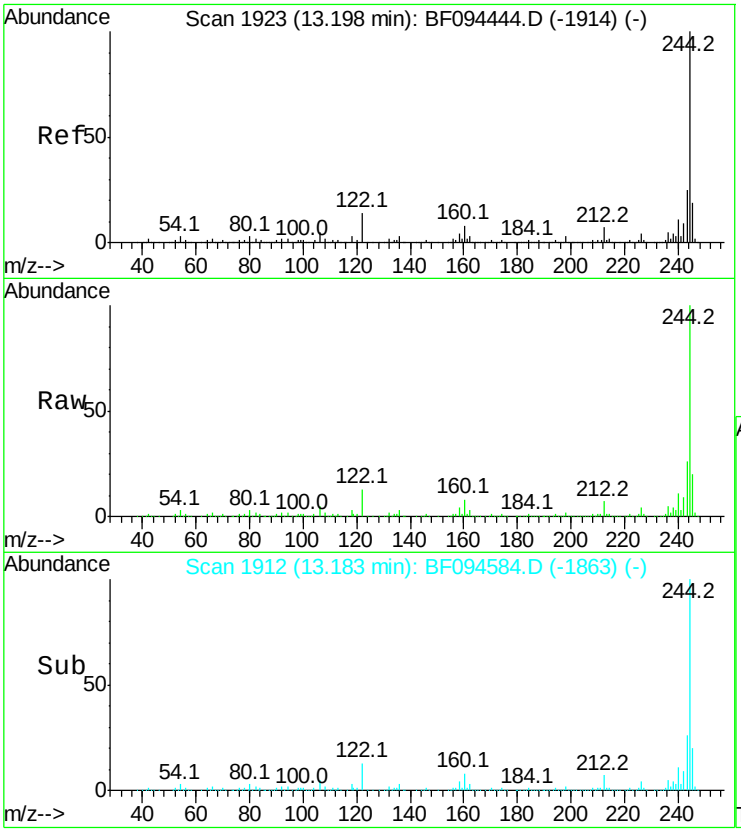


#77
Pyrene
Concen: 3.27 ng
RT: 12.97 min Scan# 1875
Delta R.T. -0.02 min
Lab File: BF094584.D
Acq: 24 Apr 2017 14:44

Tgt Ion:202 Resp: 58946

Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.6	26.4
203	20.2	14.4	21.6



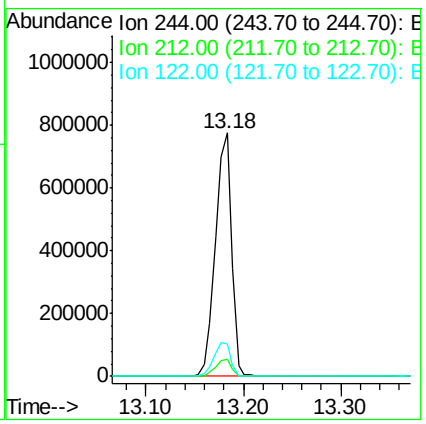


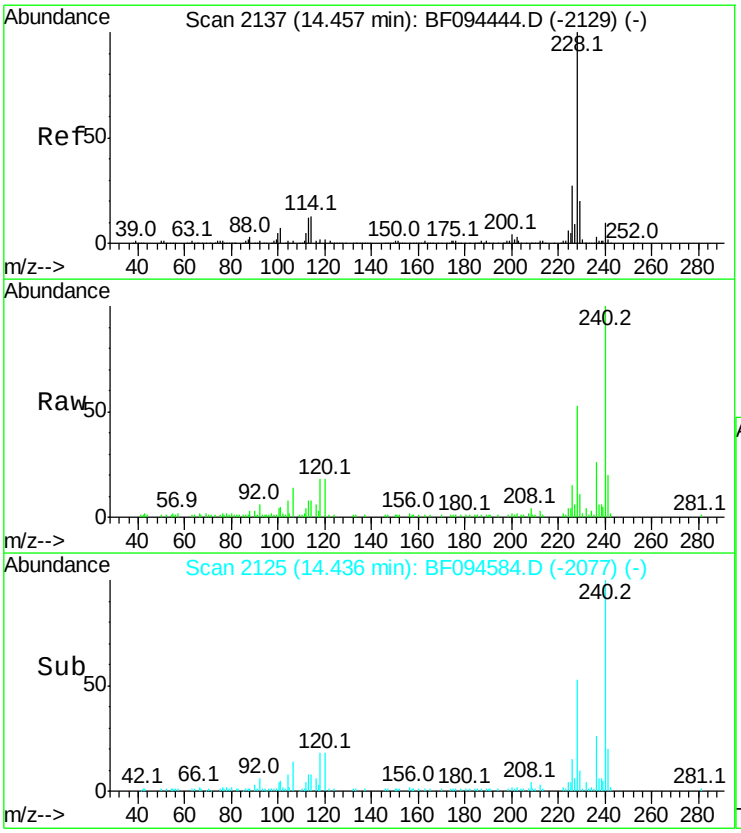
#78
Terphenyl-d14
Concen: 92.67 ng
RT: 13.18 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BF094584.D
Acq: 24 Apr 2017 14:44

Instrument :
BNA_F
ClientSampleId :
PE-5

Tgt Ion:244 Resp: 894559

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	13.2	10.3	15.5

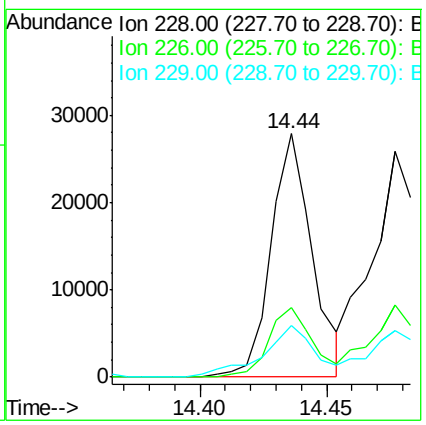


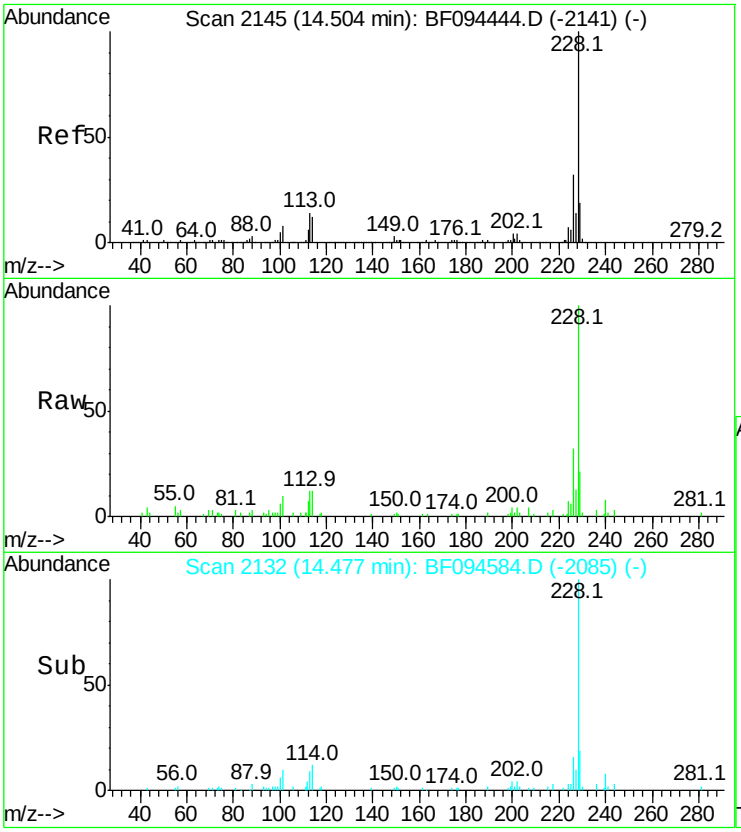


#80
Benzo(a)anthracene
Concen: 2.11 ng
RT: 14.44 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BF094584.D
Acq: 24 Apr 2017 14:44

Tgt Ion:228 Resp: 31583

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	21.1	16.3	24.5



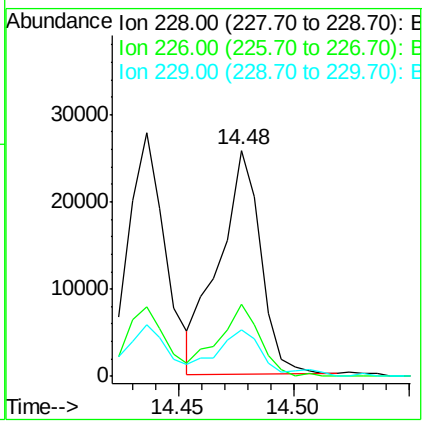


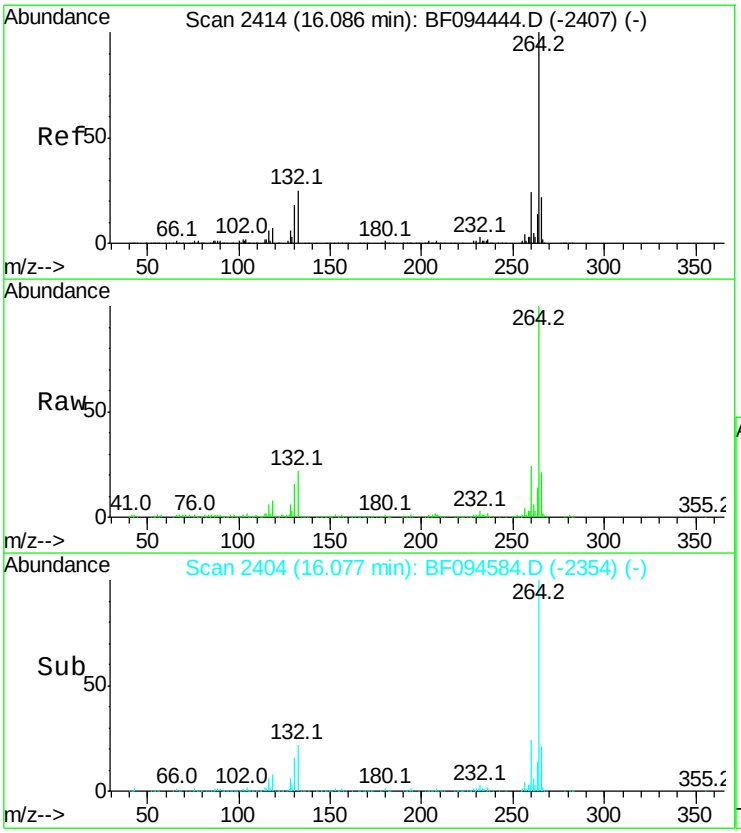
#82
Chrysene
Concen: 2.34 ng
RT: 14.48 min Scan# 2132
Delta R.T. -0.03 min
Lab File: BF094584.D
Acq: 24 Apr 2017 14:44

Instrument :
BNA_F
ClientSampleId :
PE-5

Tgt Ion:228 Resp: 32007

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.9	37.3
229	20.6	15.8	23.6

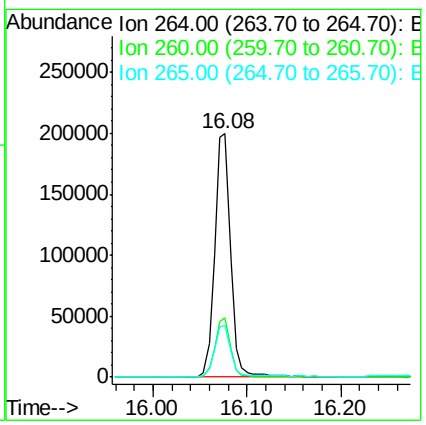


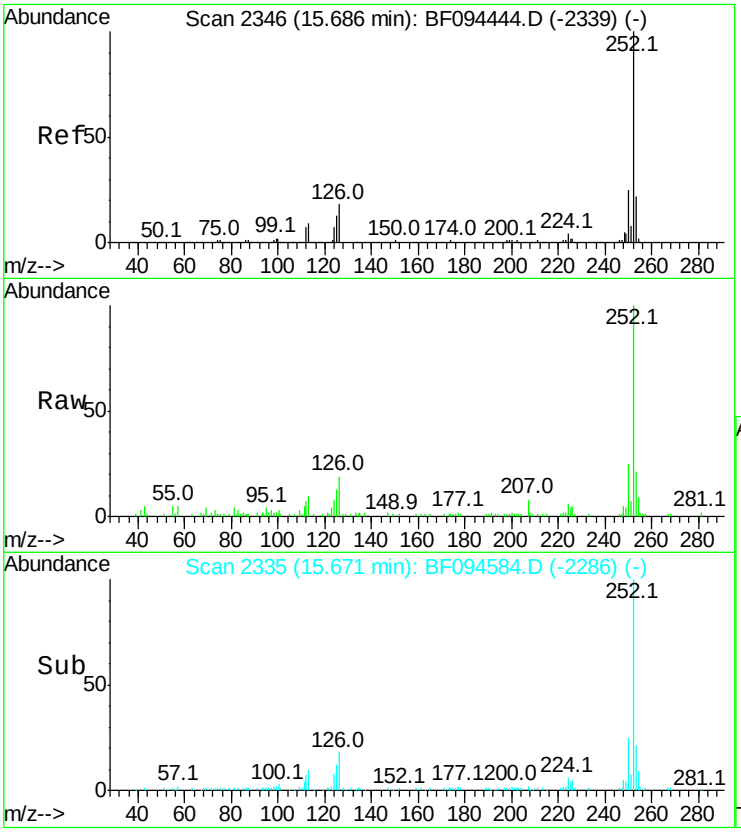


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BF094584.D
Acq: 24 Apr 2017 14:44

Tgt Ion:264 Resp: 237551

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.2	17.2	25.8



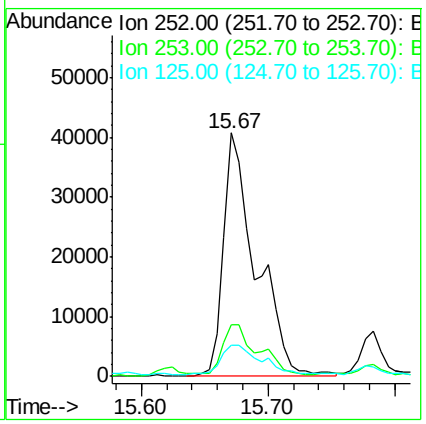


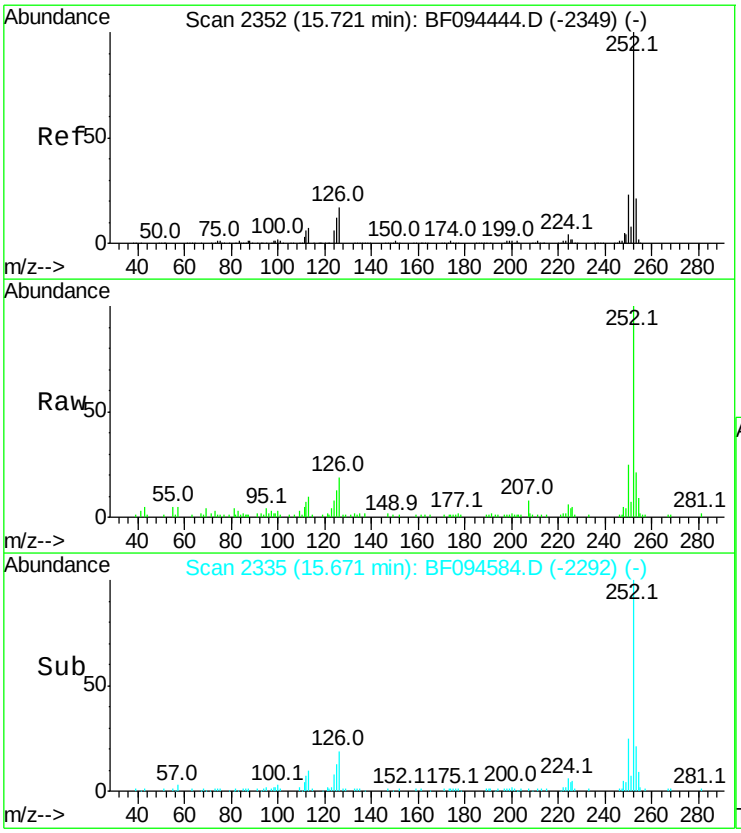
#87
Benzo(b)fluoranthene
Concen: 5.02 ng
RT: 15.67 min Scan# 2335
Delta R.T. -0.01 min
Lab File: BF094584.D
Acq: 24 Apr 2017 14:44

Instrument :
BNA_F
ClientSampleId :
PE-5

Tgt Ion:252 Resp: 72965

Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.1	27.1
125	12.8	9.8	14.8

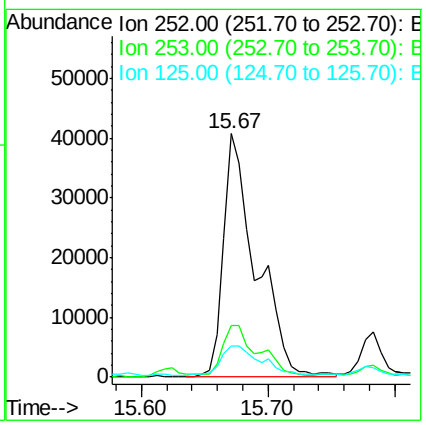


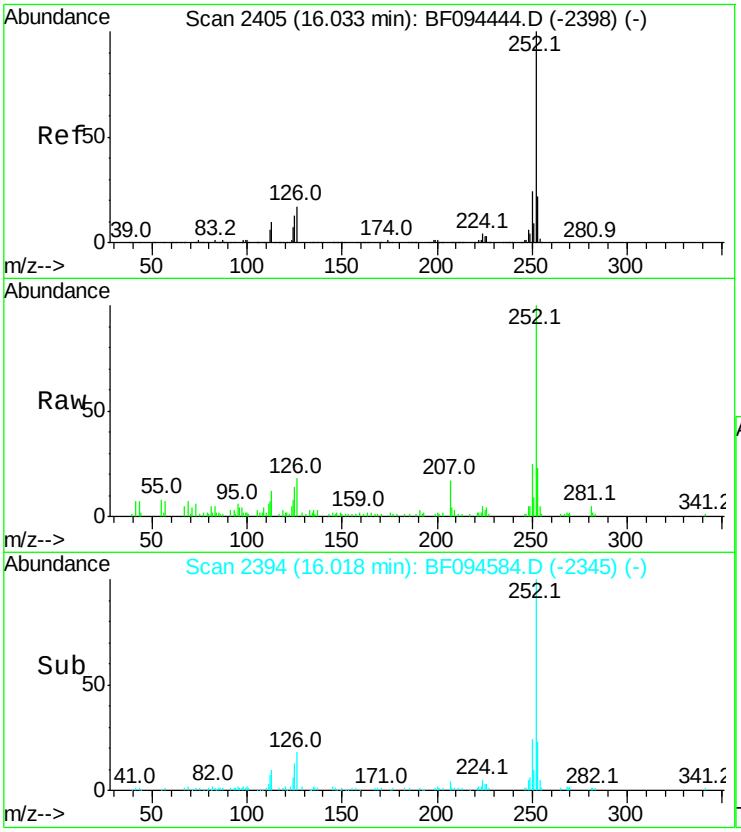


#88
Benzo(k)fluoranthene
Concen: 5.31 ng
RT: 15.67 min Scan# 2335
Delta R.T. -0.05 min
Lab File: BF094584.D
Acq: 24 Apr 2017 14:44

Tgt Ion:252 Resp: 72965

Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.4	27.6
125	12.8	13.1	19.7#





#89
Benzo(a)pyrene
Concen: 2.45 ng
RT: 16.02 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BF094584.D
Acq: 24 Apr 2017 14:44

Instrument :
BNA_F
ClientSampleId :
PE-5

Tgt Ion:252 Resp: 33099

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	14.5	11.0	16.4