Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041817\
Data File : BF094505.D
Acq On : 18 Apr 2017 23:55
Operator : SJ/MA
Sample : I2708-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 19 03:03:14 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	5.77	152	122591	20.00	ng		0.00
21) Naphthalene-d8	7.27	136	446012	20.00	ng		0.00
38) Acenaphthene-d10	9.40	164	181466	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	291424	20.00	ng		0.00
75) Chrysene-d12	14.47	240	277997	20.00	ng		0.00
86) Perylene-d12	16.09	264	201359	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.32	112	719258	97.34	ng		0.02
7) Phenol-d6	5.40	99	920733	105.70	ng		0.00
23) Nitrobenzene-d5	6.42	82	603585	83.56	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	135170	95.23	ng		0.00
44) 2-Fluorobiphenyl	8.59	172	946489	76.74	ng		0.00
78) Terphenyl-d14	13.20	244	633895	60.95	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	5.52	77	15590	2.35	ng		83
10) Phenol	5.41	94	21657	2.02	ng		97
19) n-Nitroso-di-n-propylamine	6.42	70	79776	13.82	ng	#	77
49) Dimethylphthalate	9.09	163	250591	18.53	ng		99
56) 2,4-Dinitrotoluene	9.40	165	22561	6.06	ng	#	33
74) Fluoranthene	12.71	202	39767	2.34	ng		99
77) Pyrene	12.98	202	41340	2.13	ng		97
80) Benzo(a)anthracene	14.45	228	34389	2.13	ng		98
82) Chrysene	14.45	228	34389	2.33	ng		95
87) Benzo(b)fluoranthene	15.69	252	68058	5.53	ng	#	92
88) Benzo(k)fluoranthene	15.69	252	68058	5.84	ng		96
89) Benzo(a)pyrene	16.04	252	39544	3.45	ng	#	92
91) Benzo(g,h,i)perylene	17.74	276	31013	3.20	ng		96

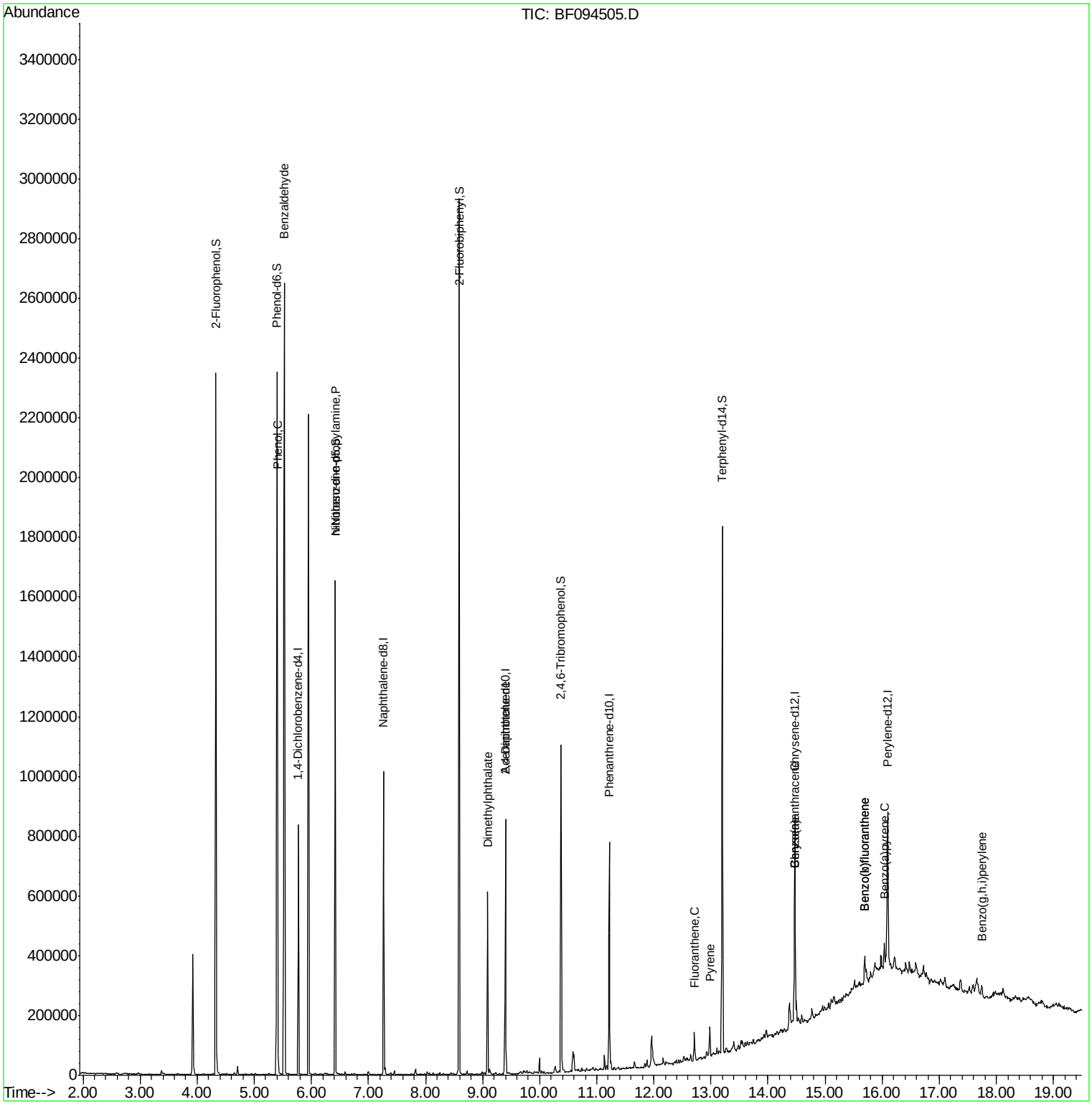
(#) = qualifier out of range (m) = manual integration (+) = signals summed

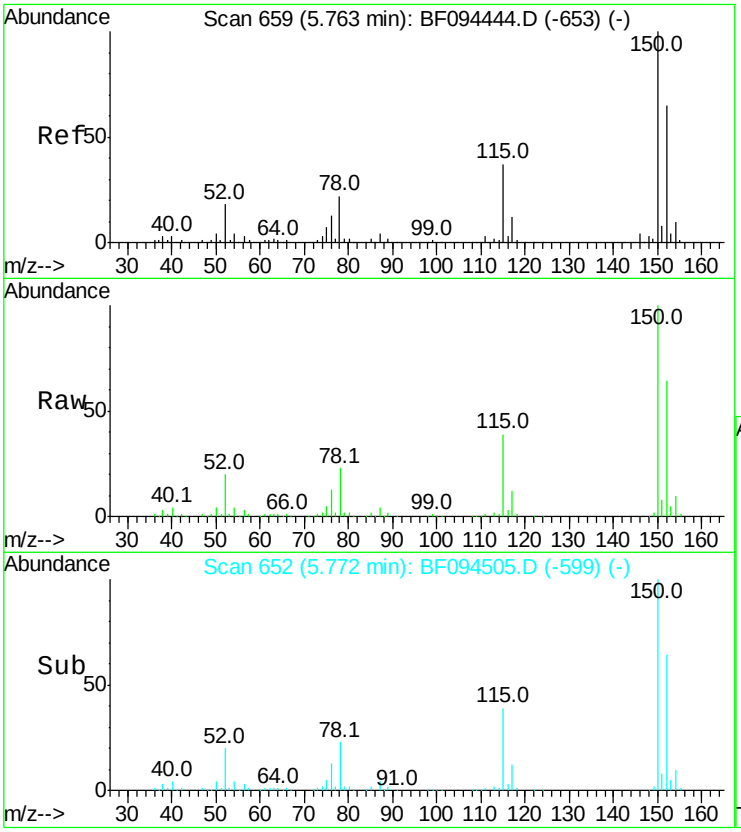
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041817\
Data File : BF094505.D
Acq On : 18 Apr 2017 23:55
Operator : SJ/MA
Sample : I2708-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 19 03:03:14 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



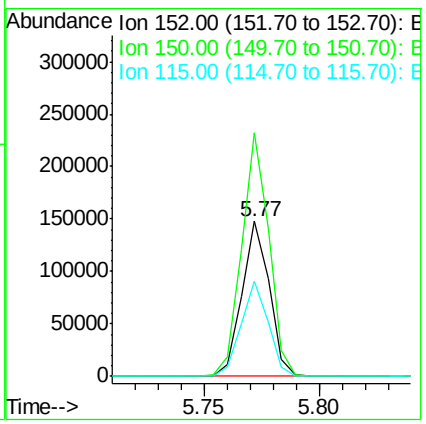


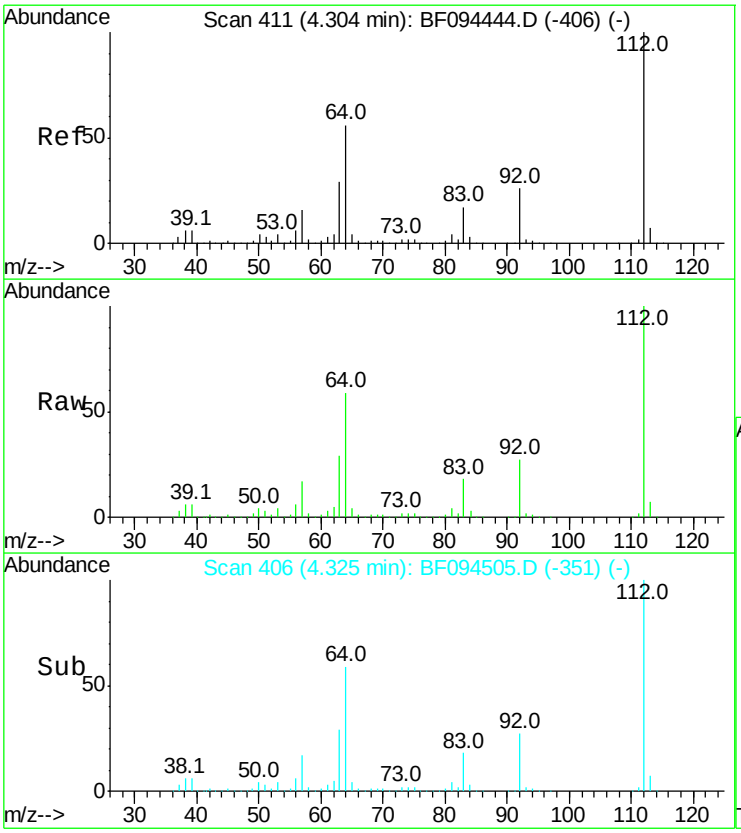
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094505.D
Acq: 18 Apr 2017 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 122591

Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.2	189.2
115	61.7	52.2	78.2

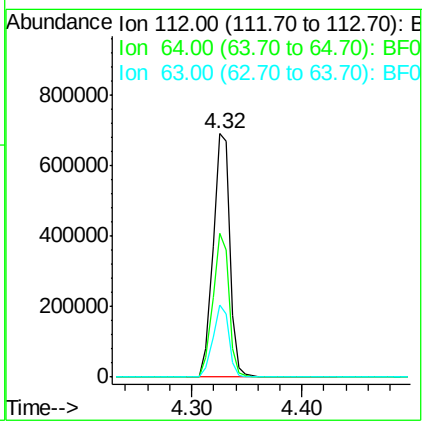


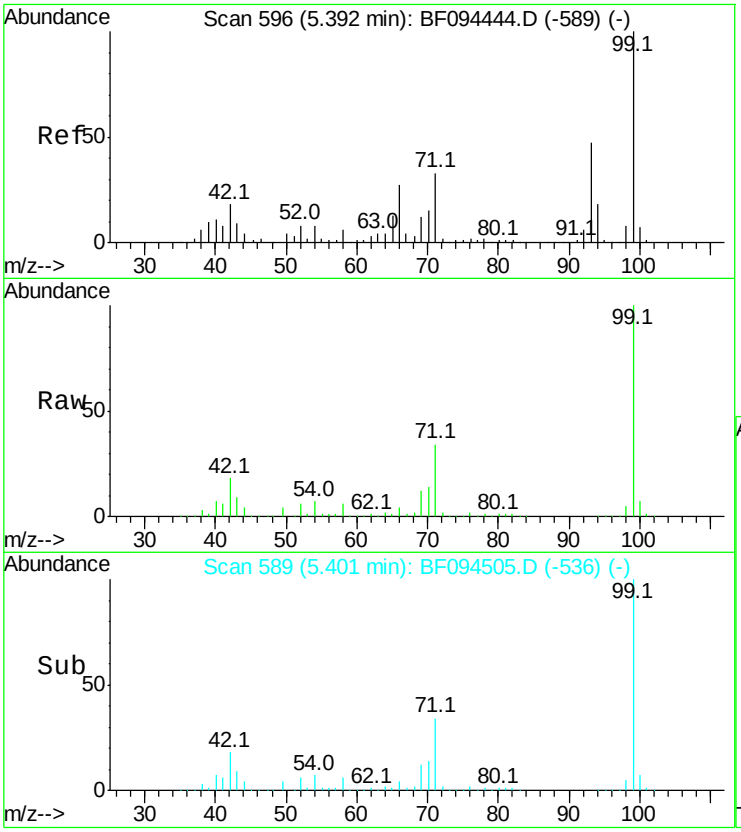


#5
2-Fluorophenol
Concen: 97.34 ng
RT: 4.32 min Scan# 406
Delta R.T. 0.02 min
Lab File: BF094505.D
Acq: 18 Apr 2017 23:55

Tgt Ion:112 Resp: 719258

Ion	Ratio	Lower	Upper
112	100		
64	59.2	46.0	69.0
63	29.5	23.4	35.0



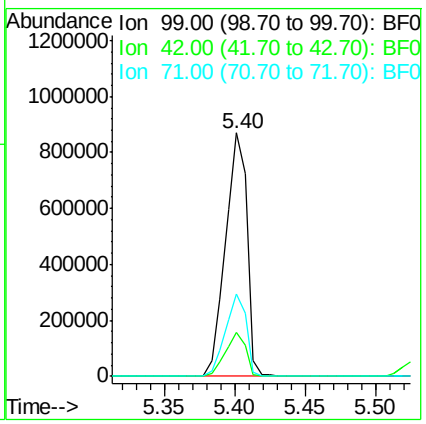


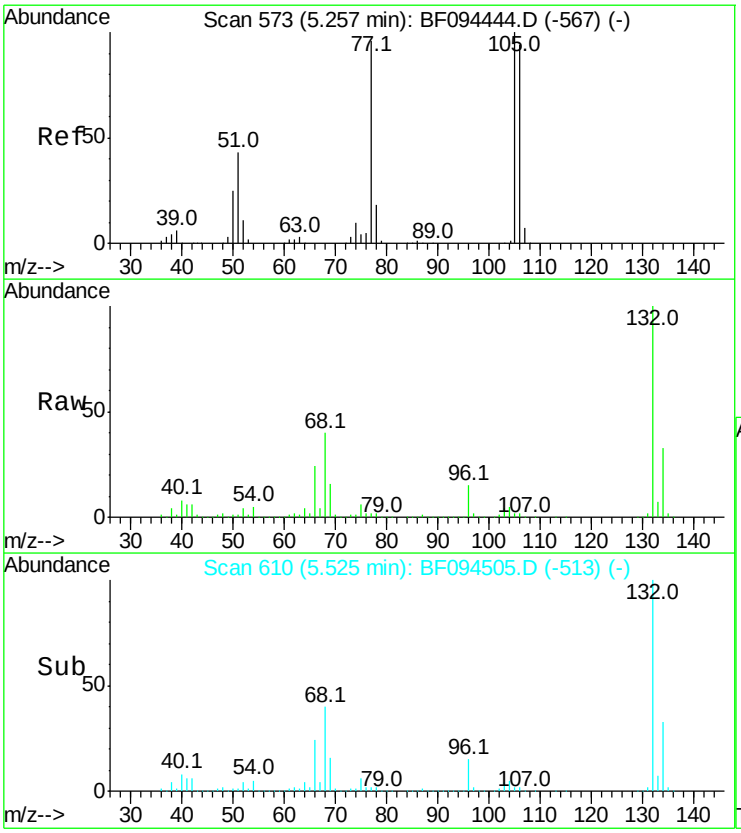
#7
Phenol-d6
Concen: 105.70 ng
RT: 5.40 min Scan# 589
Delta R.T. 0.01 min
Lab File: BF094505.D
Acq: 18 Apr 2017 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 920733

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.5	20.3
71	33.6	24.5	36.7

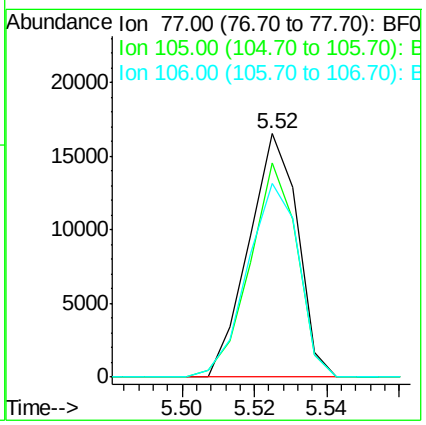


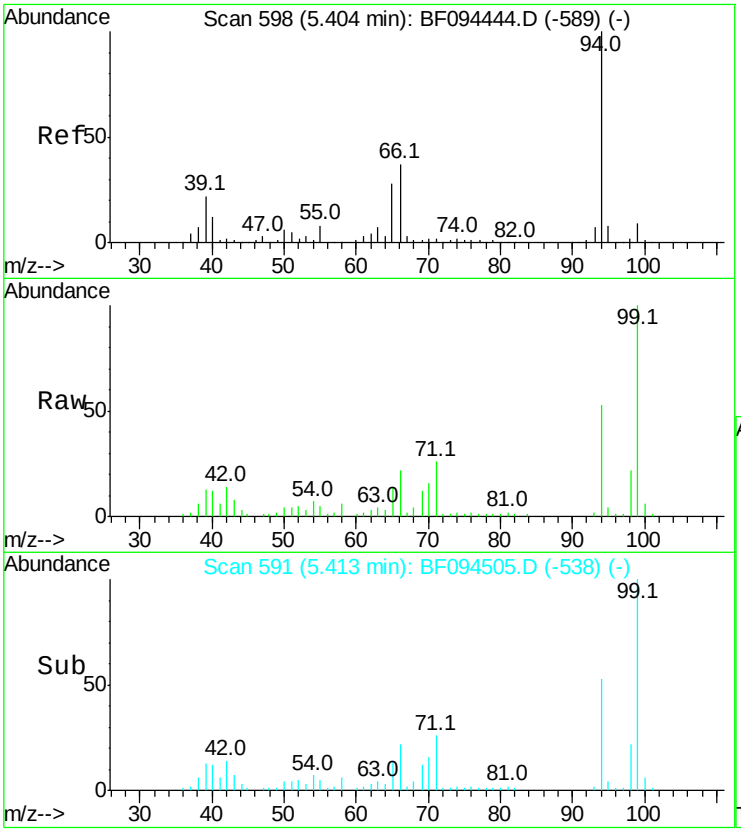


#9
Benzaldehyde
Concen: 2.35 ng
RT: 5.52 min Scan# 610
Delta R.T. 0.27 min
Lab File: BF094505.D
Acq: 18 Apr 2017 23:55

Tgt Ion: 77 Resp: 15590

Ion	Ratio	Lower	Upper
77	100		
105	87.9	83.8	123.8
106	79.7	79.1	119.1



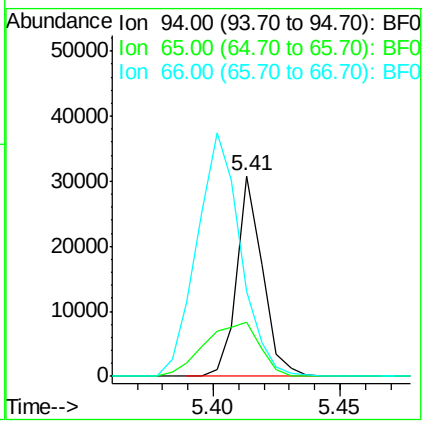


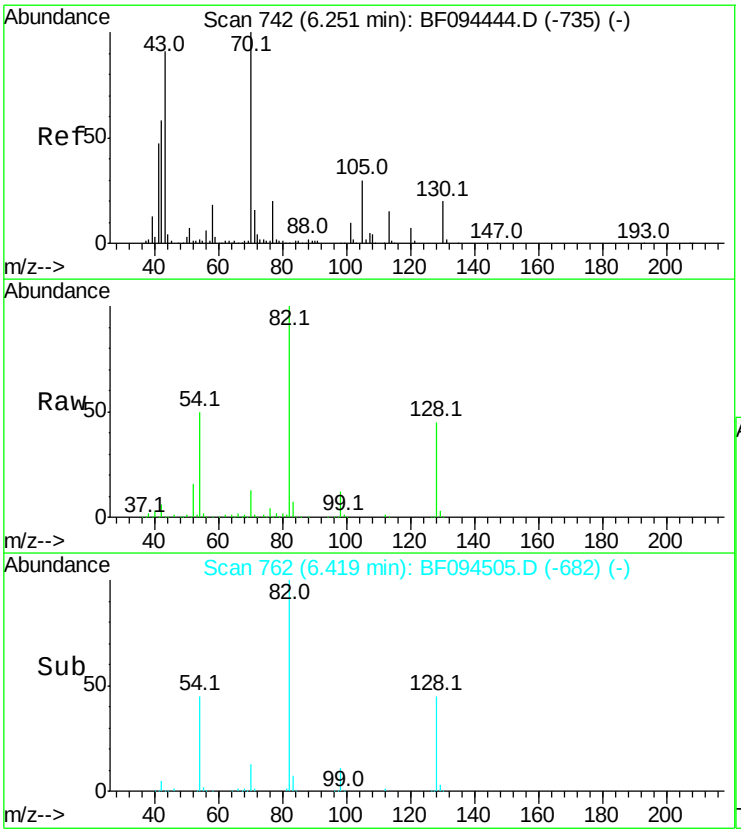
#10
Phenol
Concen: 2.02 ng
RT: 5.41 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF094505.D
Acq: 18 Apr 2017 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 21657

Ion	Ratio	Lower	Upper
94	100		
65	26.8	9.9	49.9
66	42.3	23.1	63.1

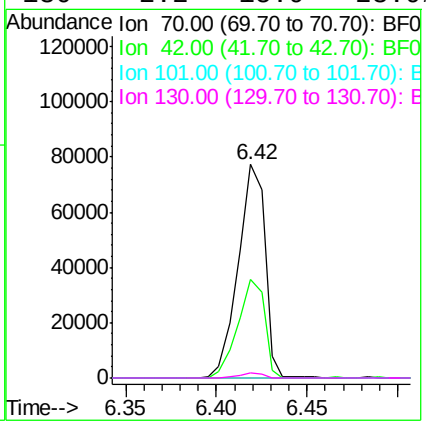


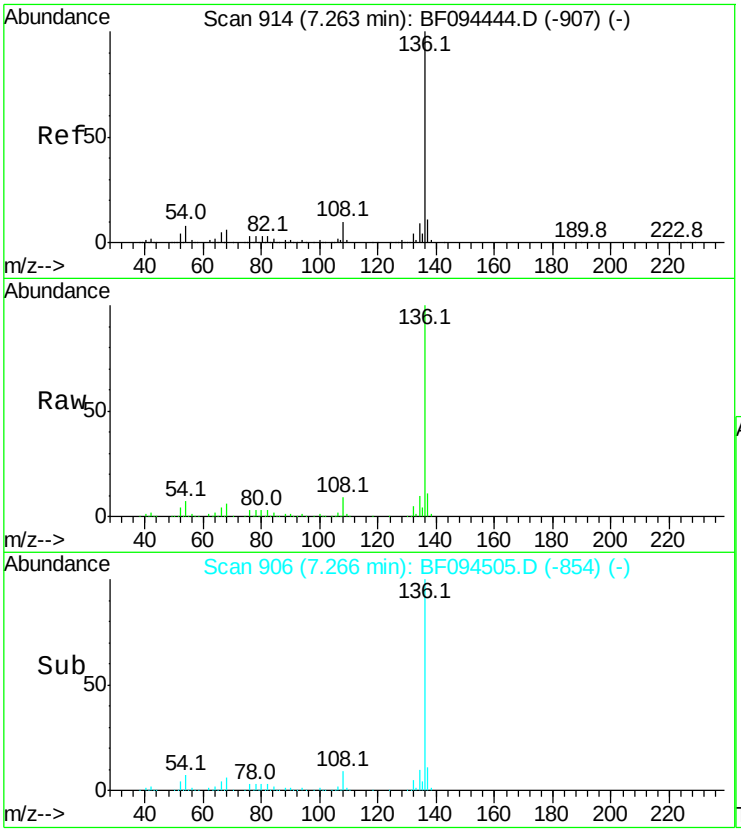


#19
n-Nitroso-di-n-propylamine
Concen: 13.82 ng
RT: 6.42 min Scan# 762
Delta R.T. 0.17 min
Lab File: BF094505.D
Acq: 18 Apr 2017 23:55

Tgt Ion: 70 Resp: 79776

Ion	Ratio	Lower	Upper
70	100		
42	46.4	47.2	70.8#
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#



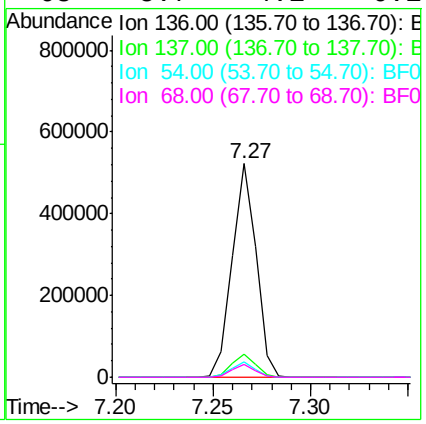


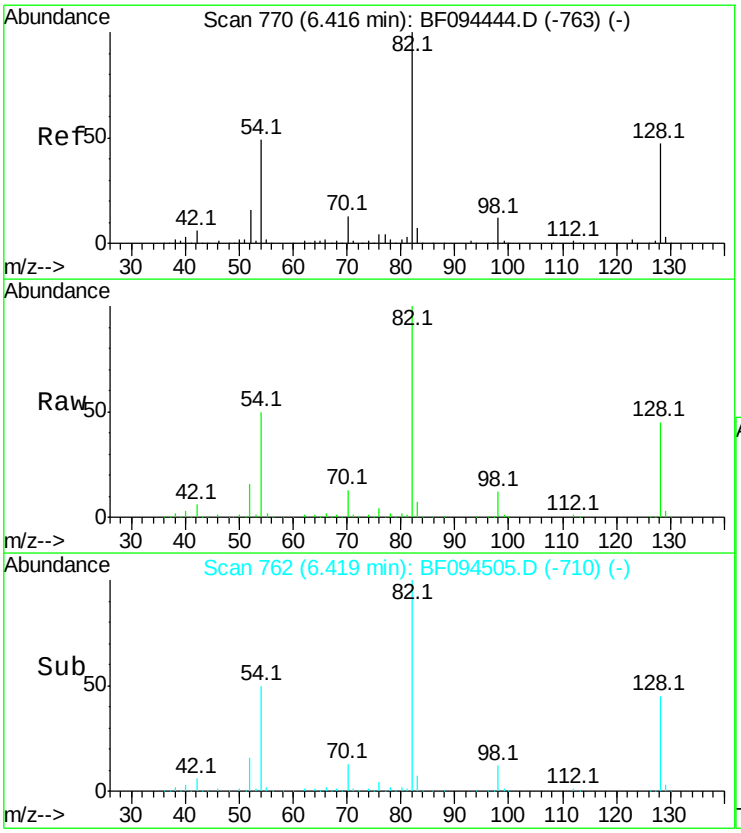
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.27 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF094505.D
Acq: 18 Apr 2017 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 446012

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	7.3	4.9	7.3
68	5.7	4.1	6.1

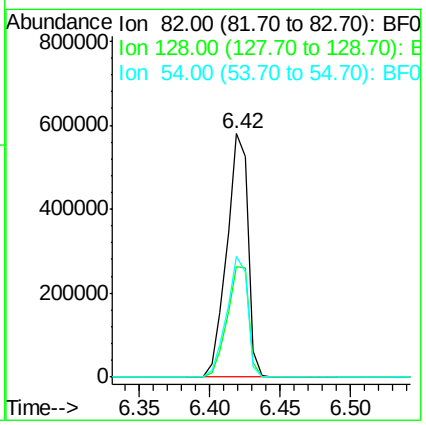


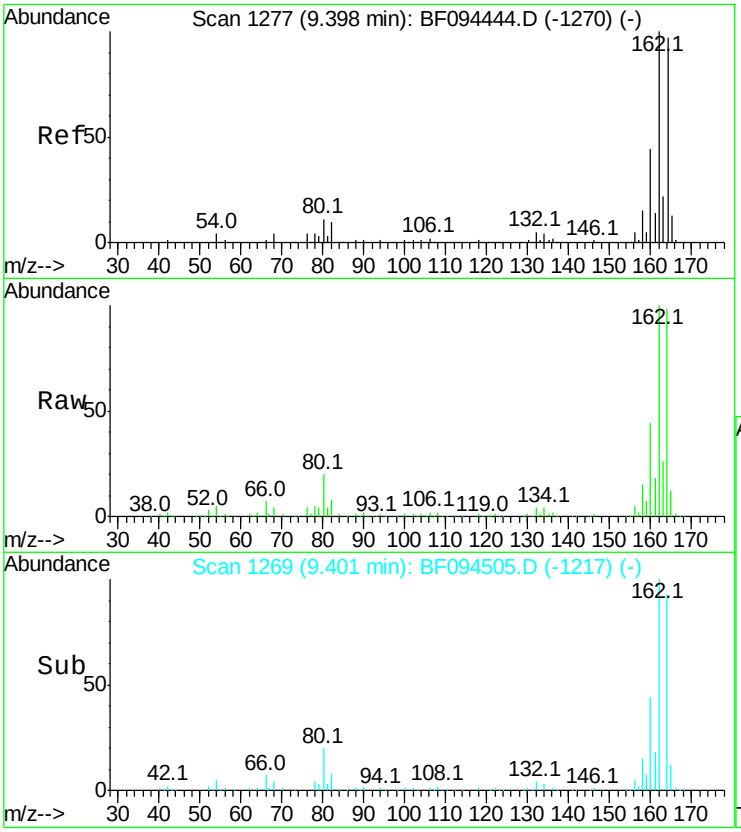


#23
Nitrobenzene-d5
Concen: 83.56 ng
RT: 6.42 min Scan# 762
Delta R.T. 0.00 min
Lab File: BF094505.D
Acq: 18 Apr 2017 23:55

Tgt Ion: 82 Resp: 603585

Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.0	51.0
54	49.6	42.2	63.2



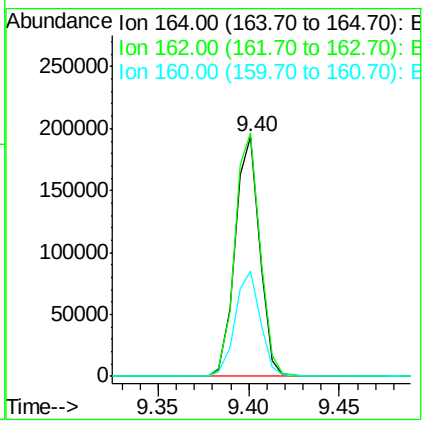


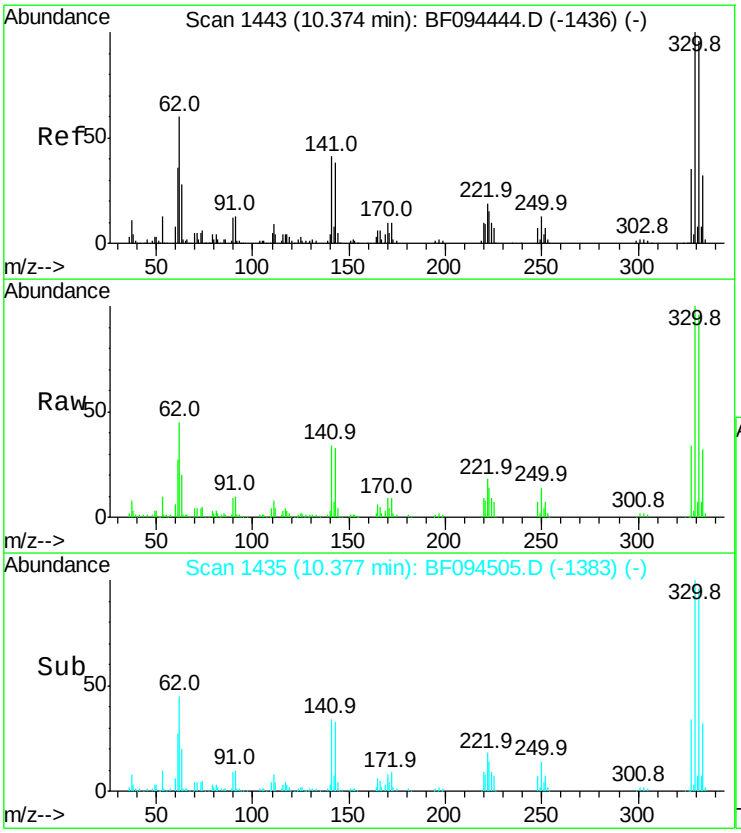
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.40 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF094505.D
Acq: 18 Apr 2017 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 181466

Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.6	123.8
160	44.2	36.2	54.2

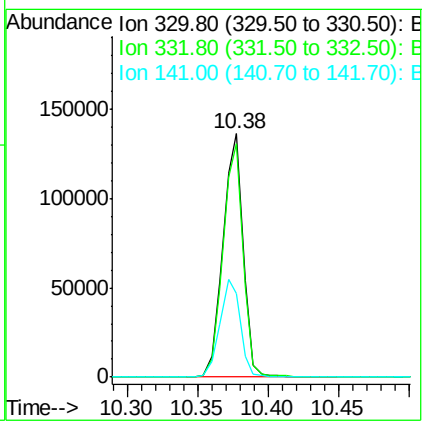


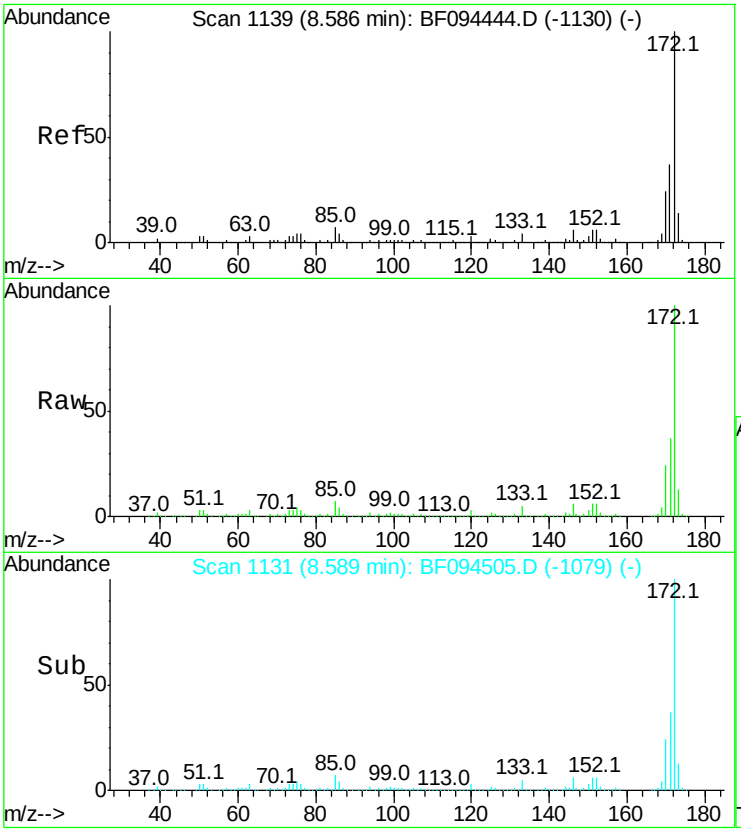


#41
2,4,6-Tribromophenol
Concen: 95.23 ng
RT: 10.38 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF094505.D
Acq: 18 Apr 2017 23:55

Tgt Ion:330 Resp: 135170

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	115.0
141	41.1	31.4	47.2



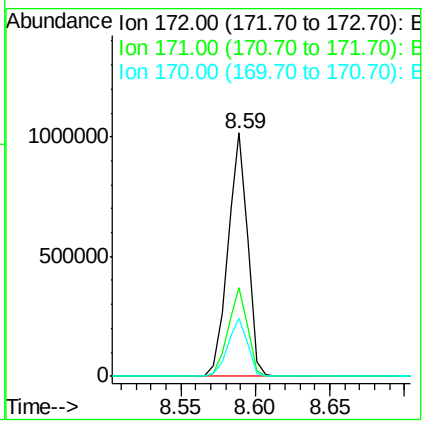


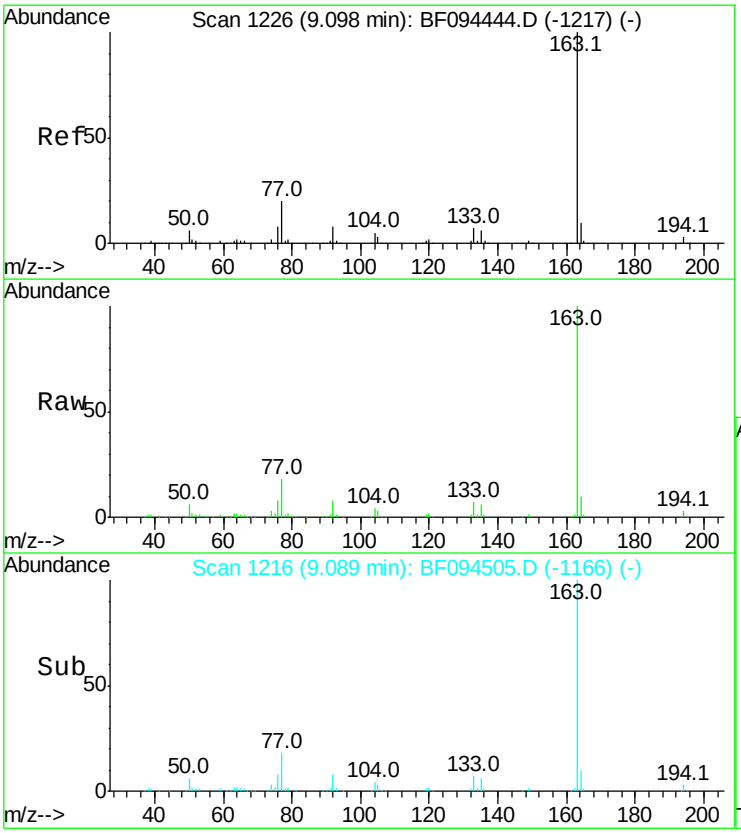
#44
2-Fluorobiphenyl
Concen: 76.74 ng
RT: 8.59 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF094505.D
Acq: 18 Apr 2017 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 946489

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.0	19.8	29.8

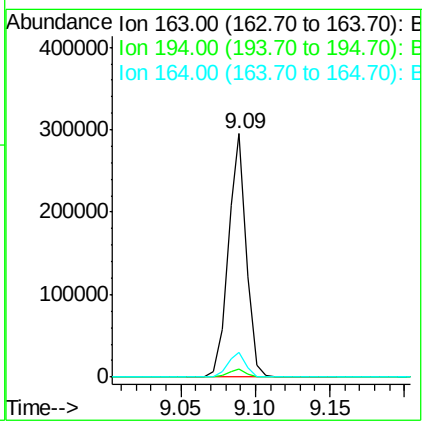


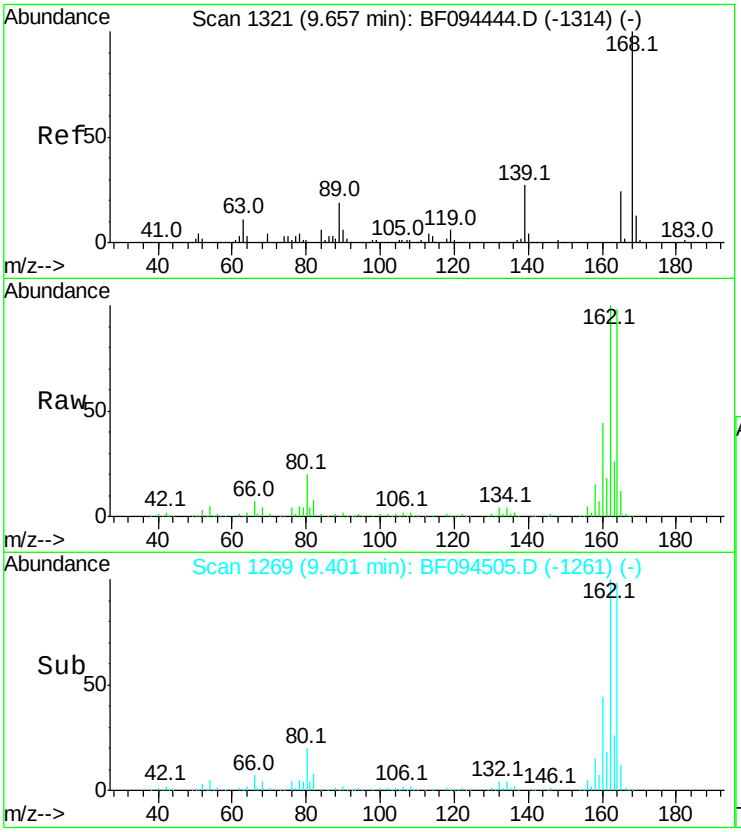


#49
Dimethylphthalate
Concen: 18.53 ng
RT: 9.09 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF094505.D
Acq: 18 Apr 2017 23:55

Tgt Ion:163 Resp: 250591

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.9	8.4	12.6



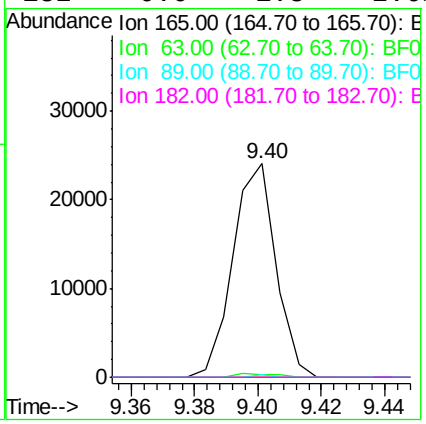


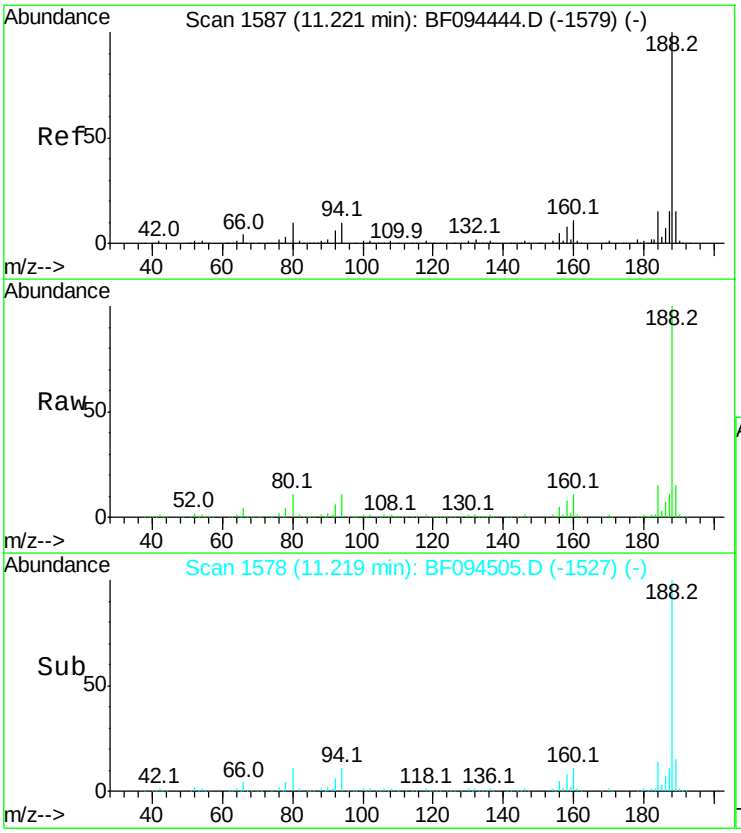
#56
2,4-Dinitrotoluene
Concen: 6.06 ng
RT: 9.40 min Scan# 1269
Delta R.T. -0.26 min
Lab File: BF094505.D
Acq: 18 Apr 2017 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 22561

Ion	Ratio	Lower	Upper
165	100		
63	1.4	25.4	38.0#
89	1.3	46.4	69.6#
182	0.0	1.8	2.6#

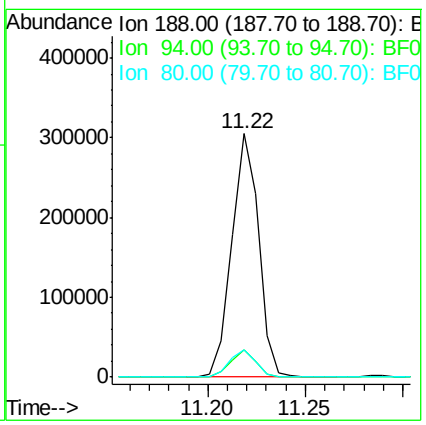


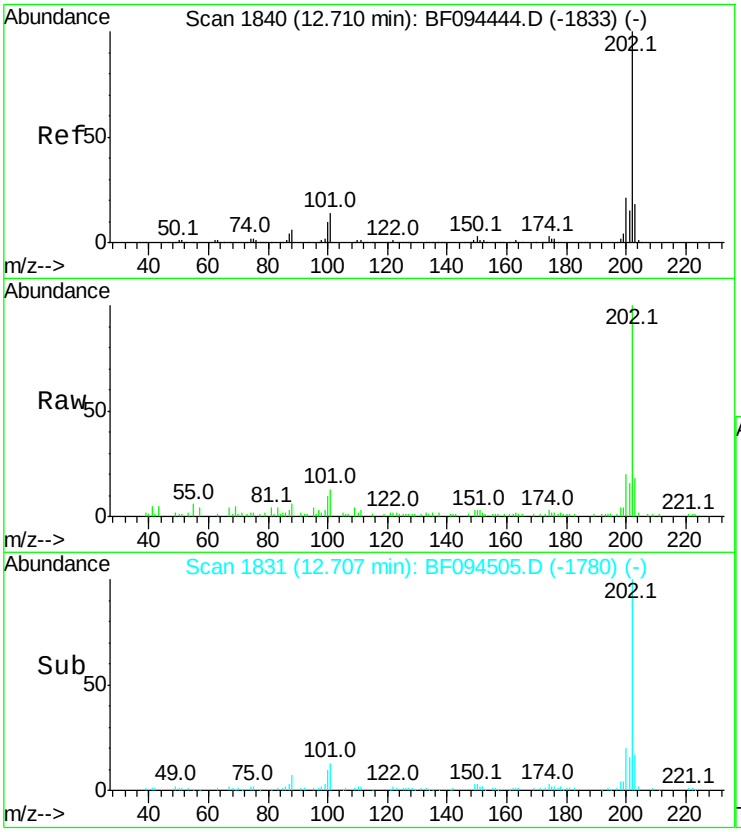


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF094505.D
Acq: 18 Apr 2017 23:55

Tgt Ion:188 Resp: 291424

Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.4	14.2
80	11.5	10.2	15.2



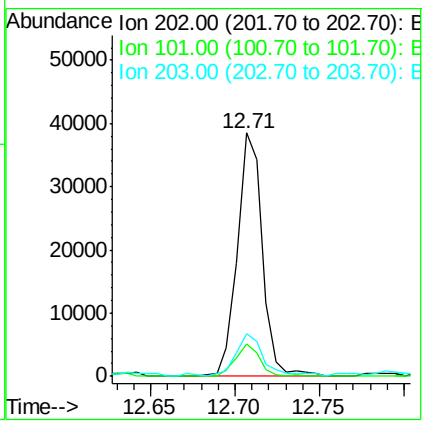


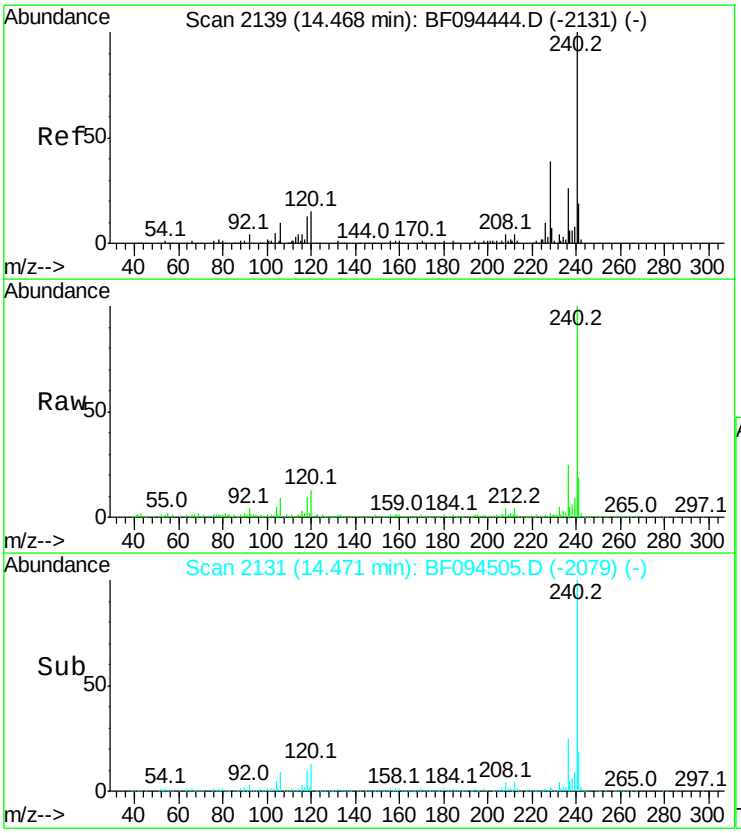
#74
Fluoranthene
Concen: 2.34 ng
RT: 12.71 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF094505.D
Acq: 18 Apr 2017 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 39767

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	33.2
203	17.6	0.0	38.1

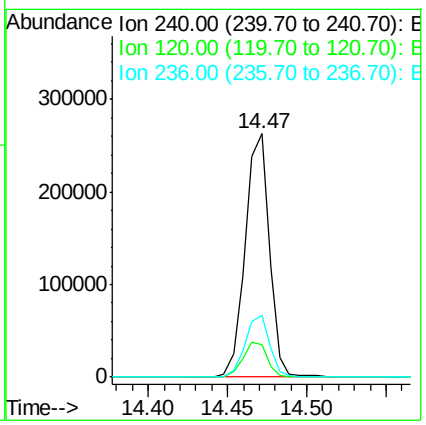


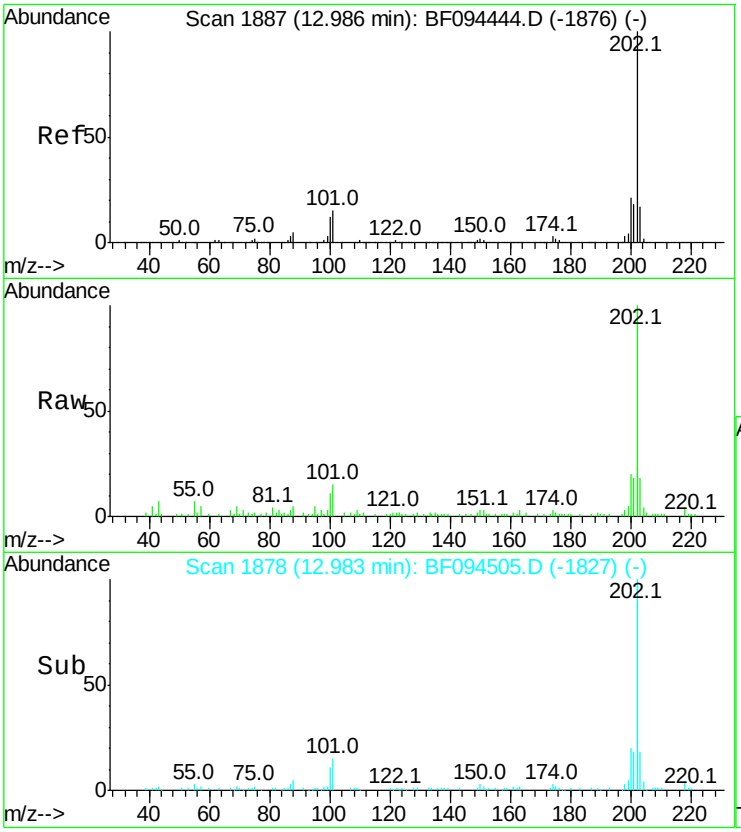


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BF094505.D
Acq: 18 Apr 2017 23:55

Tgt Ion:240 Resp: 277997

Ion	Ratio	Lower	Upper
240	100		
120	13.3	5.8	8.8#
236	25.4	20.5	30.7



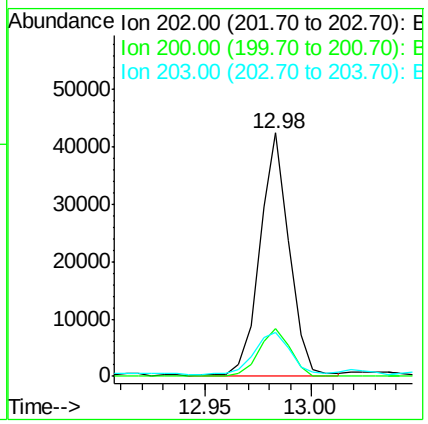


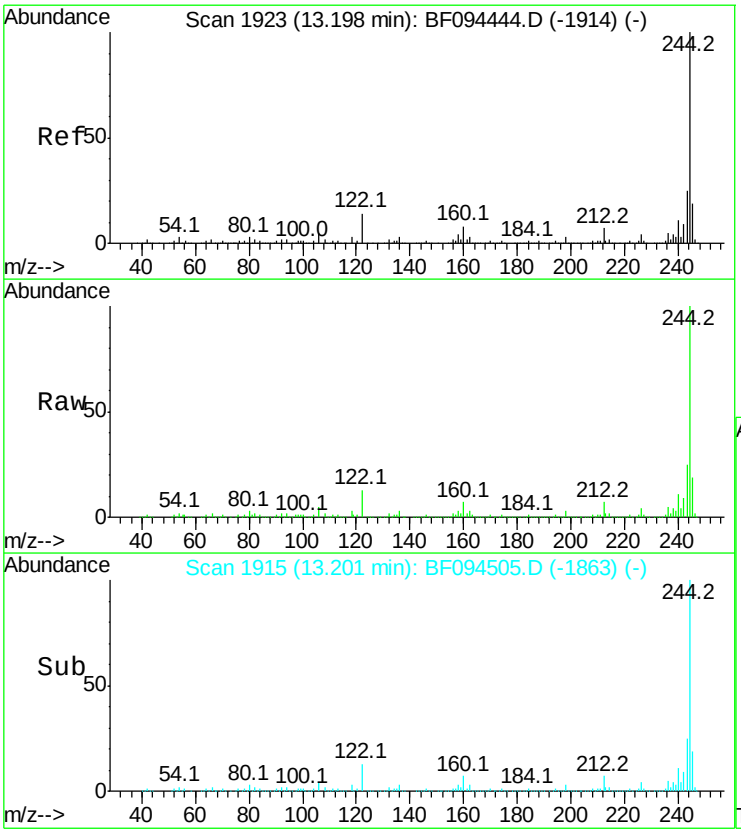
#77
Pyrene
Concen: 2.13 ng
RT: 12.98 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BF094505.D
Acq: 18 Apr 2017 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 41340

Ion	Ratio	Lower	Upper
202	100		
200	19.7	17.6	26.4
203	17.8	14.4	21.6

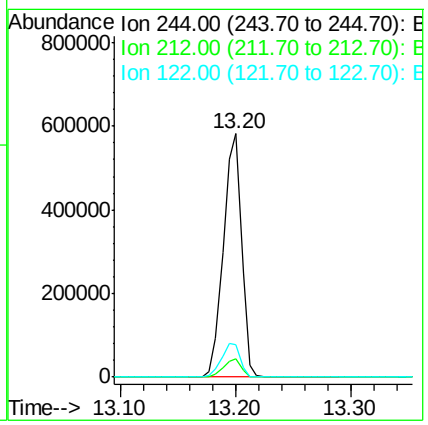


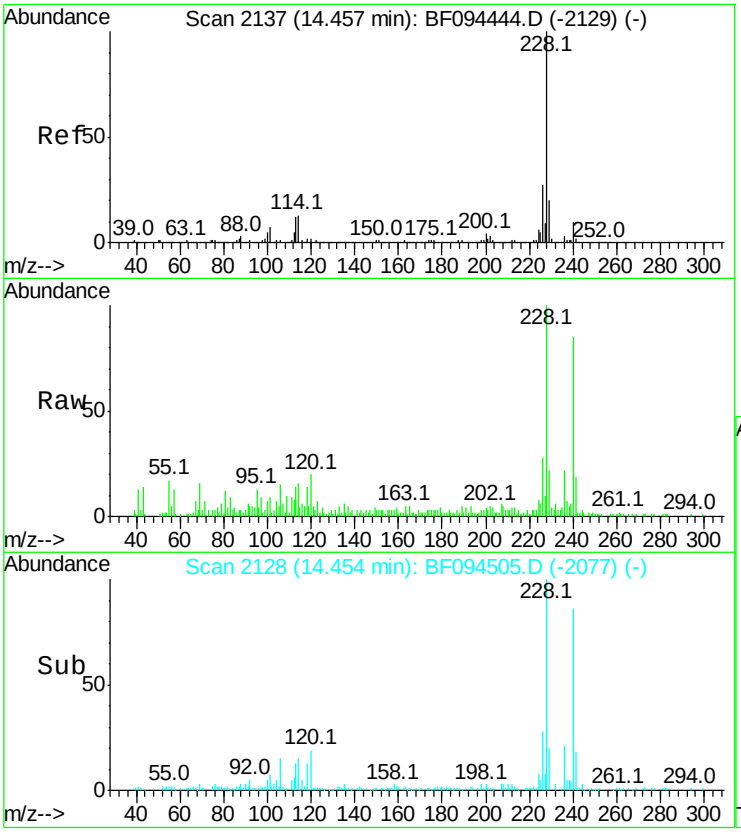


#78
Terphenyl-d14
Concen: 60.95 ng
RT: 13.20 min Scan# 1915
Delta R.T. 0.00 min
Lab File: BF094505.D
Acq: 18 Apr 2017 23:55

Tgt Ion:244 Resp: 633895

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	13.3	10.3	15.5



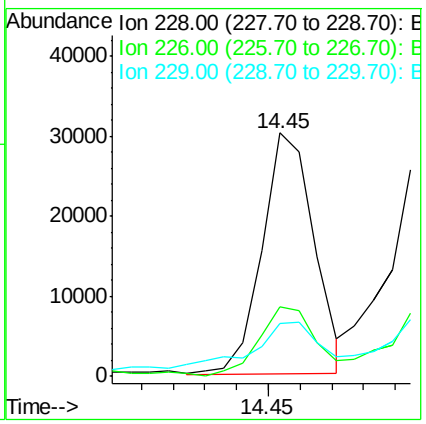


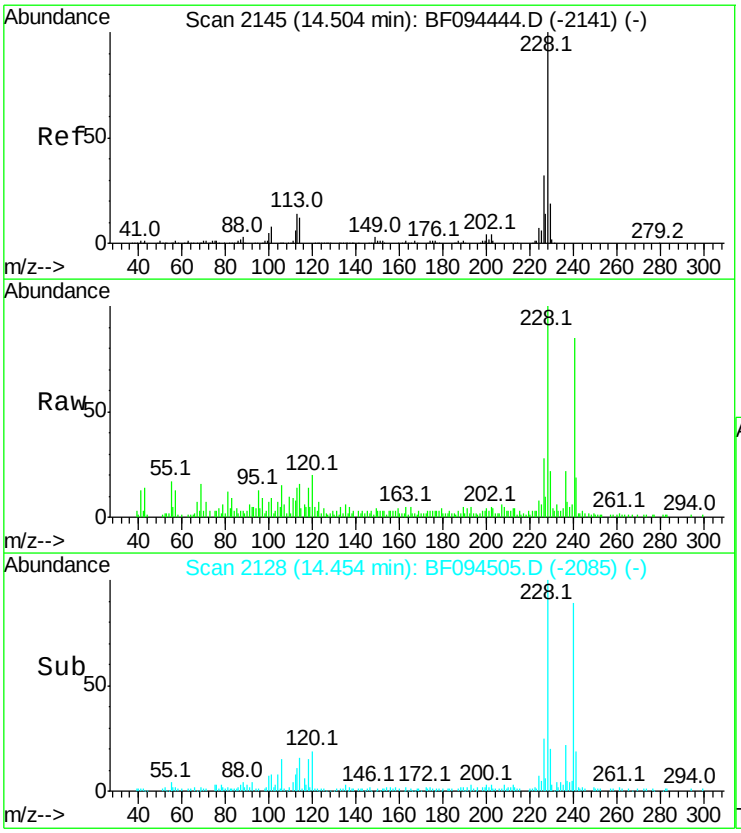
#80
Benzo(a)anthracene
Concen: 2.13 ng
RT: 14.45 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BF094505.D
Acq: 18 Apr 2017 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 34389

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	21.8	16.3	24.5

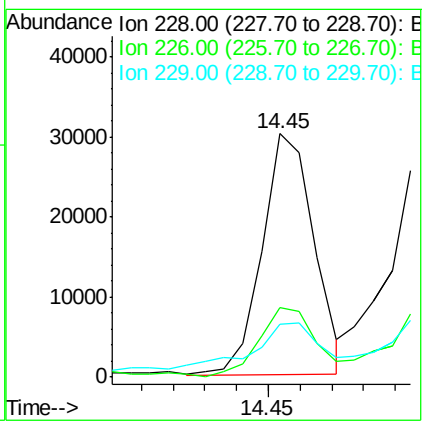


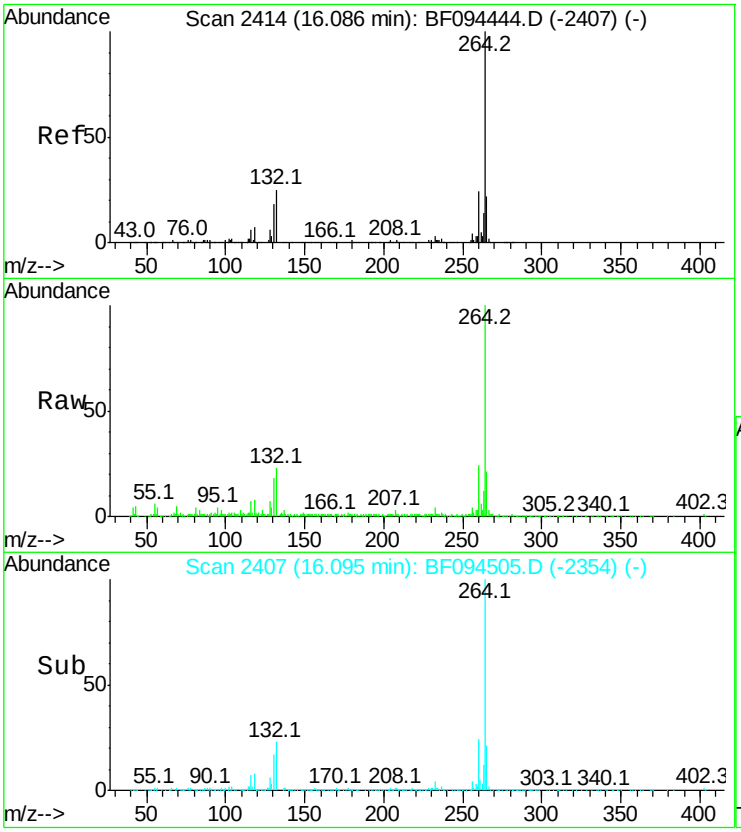


#82
Chrysene
Concen: 2.33 ng
RT: 14.45 min Scan# 2128
Delta R.T. -0.05 min
Lab File: BF094505.D
Acq: 18 Apr 2017 23:55

Tgt Ion:228 Resp: 34389

Ion	Ratio	Lower	Upper
228	100		
226	28.4	24.9	37.3
229	21.8	15.8	23.6



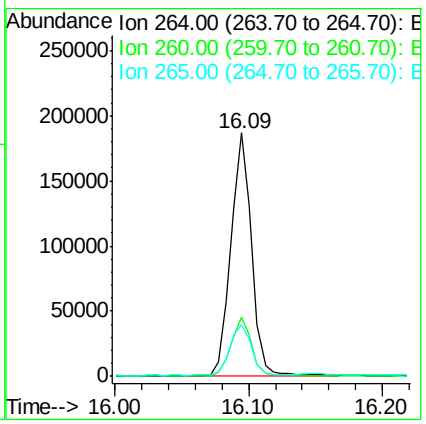


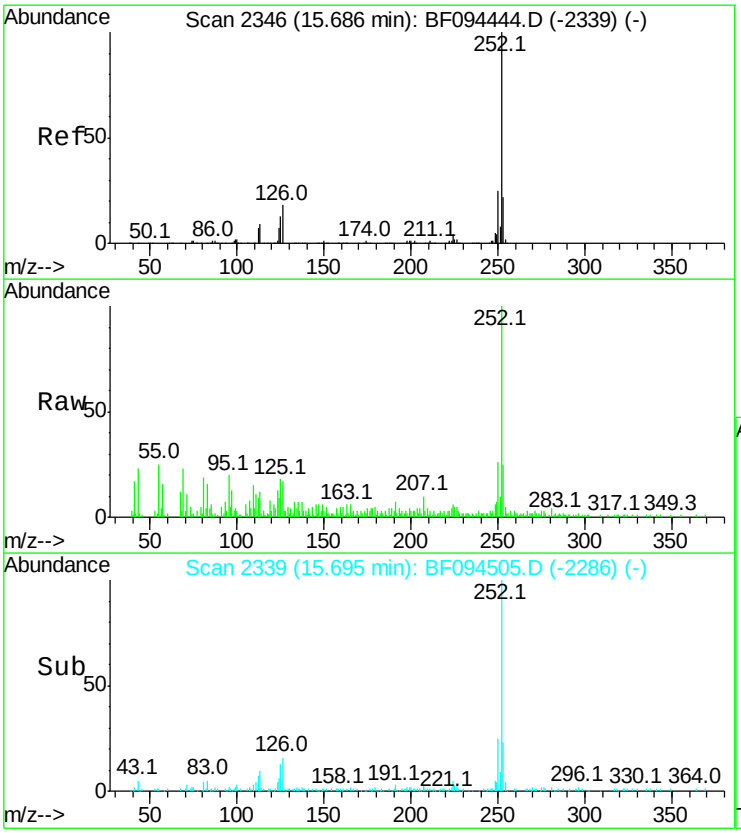
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 2407
Delta R.T. 0.01 min
Lab File: BF094505.D
Acq: 18 Apr 2017 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 201359

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.5	17.2	25.8

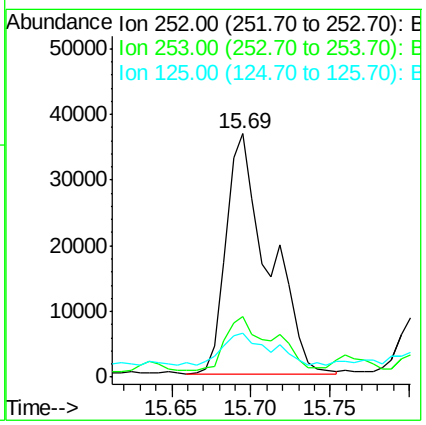


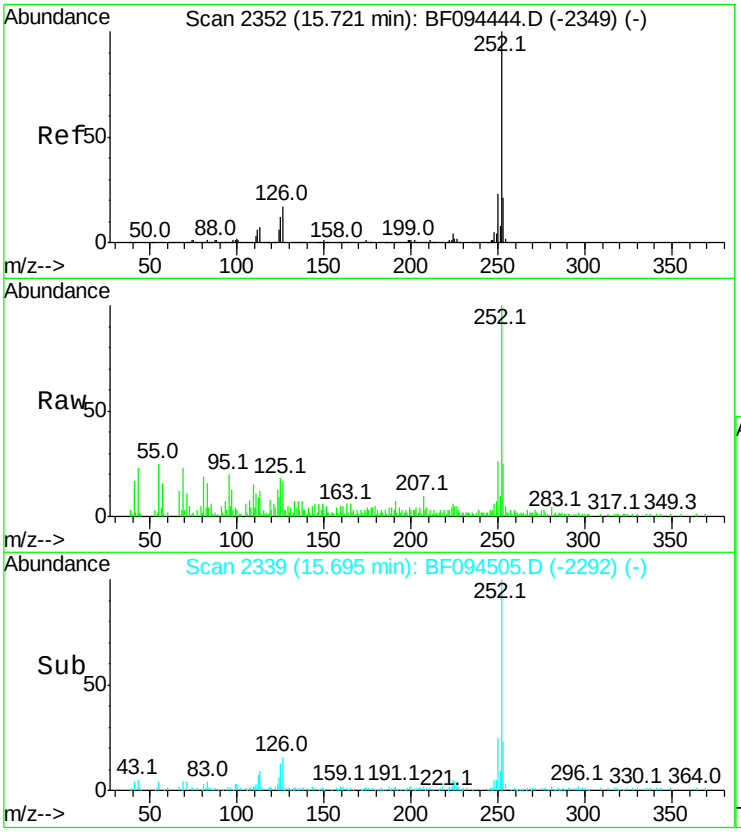


#87
Benzo(b)fluoranthene
Concen: 5.53 ng
RT: 15.69 min Scan# 2339
Delta R.T. 0.01 min
Lab File: BF094505.D
Acq: 18 Apr 2017 23:55

Tgt Ion:252 Resp: 68058

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.1	27.1
125	17.9	9.8	14.8#



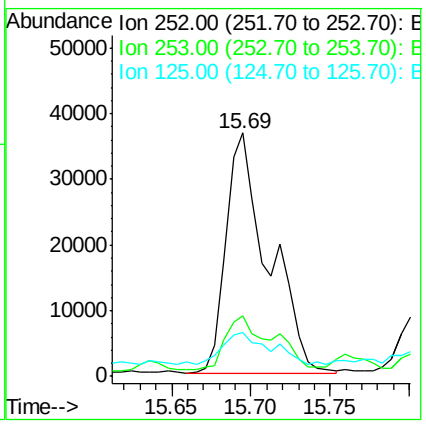


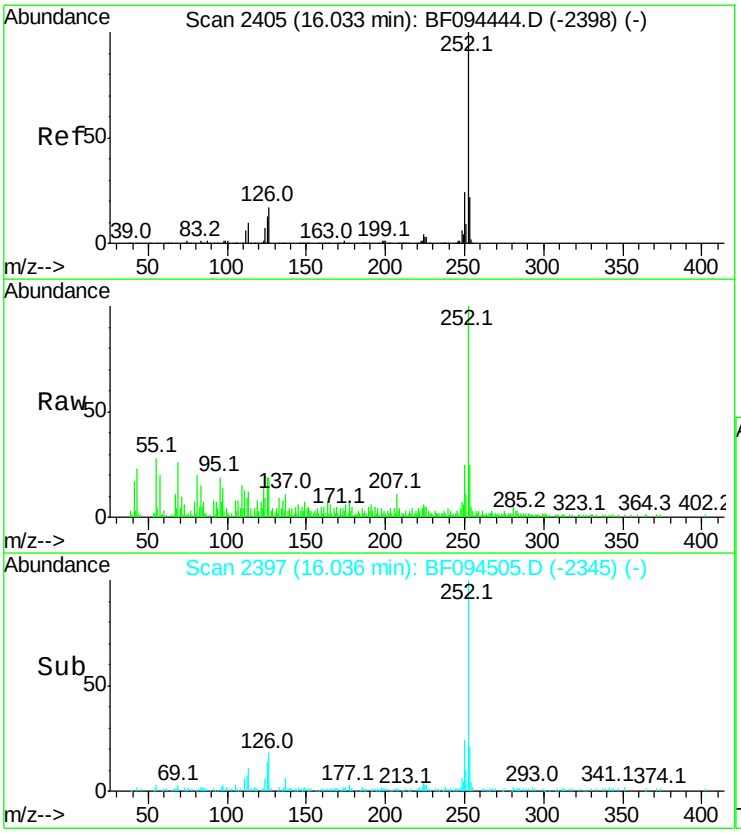
#88
Benzo(k)fluoranthene
Concen: 5.84 ng
RT: 15.69 min Scan# 2339
Delta R.T. -0.03 min
Lab File: BF094505.D
Acq: 18 Apr 2017 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 68058

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.4	27.6
125	17.9	13.1	19.7

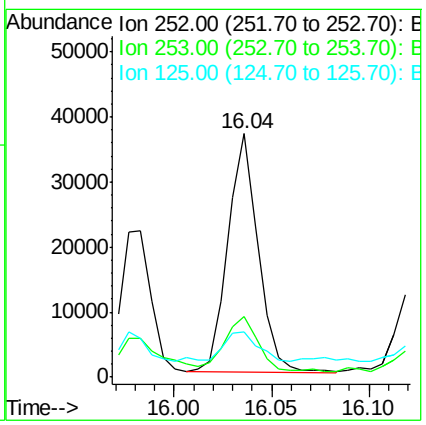


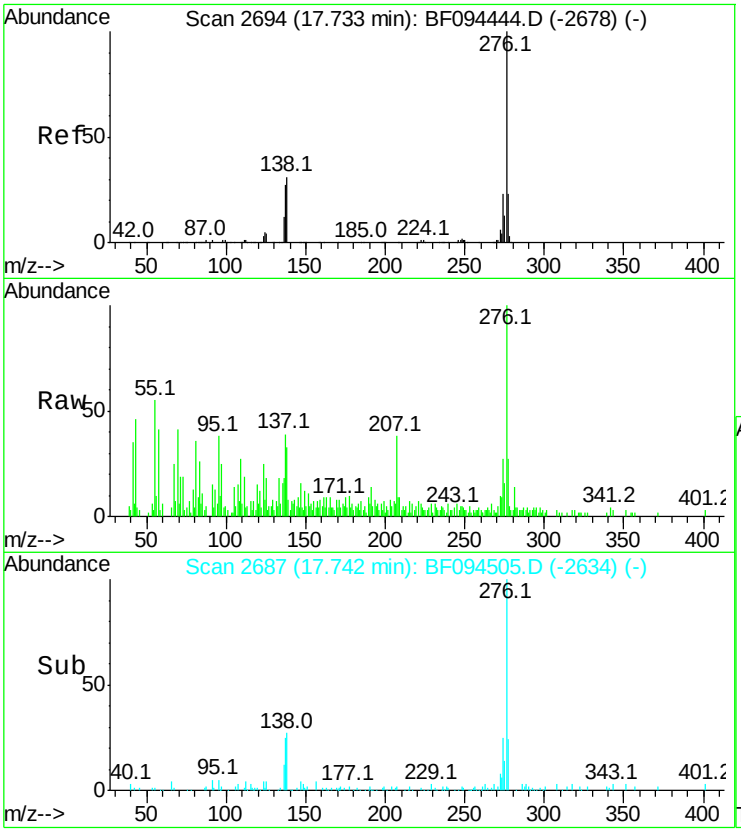


#89
Benzo(a)pyrene
Concen: 3.45 ng
RT: 16.04 min Scan# 2397
Delta R.T. 0.00 min
Lab File: BF094505.D
Acq: 18 Apr 2017 23:55

Tgt Ion:252 Resp: 39544

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.5	26.3
125	18.7	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 3.20 ng
RT: 17.74 min Scan# 2687
Delta R.T. 0.01 min
Lab File: BF094505.D
Acq: 18 Apr 2017 23:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 31013

Ion	Ratio	Lower	Upper
276	100		
277	26.5	18.6	28.0
138	33.2	25.4	38.0