Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050617\
Data File : BF094972.D
Acq On : 8 May 2017 6:46
Operator : SJ/MA
Sample : I2969-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 08 07:58:41 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	98419	20.00	ng		-0.01
21) Naphthalene-d8	9.74	136	414616	20.00	ng		-0.01
38) Acenaphthene-d10	12.57	164	187261	20.00	ng		-0.02
63) Phenanthrene-d10	14.97	188	288405	20.00	ng		-0.01
75) Chrysene-d12	18.64	240	232441	20.00	ng		-0.02
86) Perylene-d12	20.30	264	195667	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	667691	113.11	ng		-0.02
7) Phenol-d6	7.26	99	822483	116.12	ng		-0.02
23) Nitrobenzene-d5	8.62	82	482533	73.39	ng		-0.02
41) 2,4,6-Tribromophenol	13.87	330	174777	113.96	ng		-0.02
44) 2-Fluorobiphenyl	11.51	172	927030	71.25	ng		-0.02
78) Terphenyl-d14	17.29	244	645549	61.17	ng		-0.02
Target Compounds							Qvalue
10) Phenol	7.28	94	16428	2.20	ng		85
19) n-Nitroso-di-n-propylamine	8.62	70	62420	13.03	ng	#	72
32) Benzoic acid	9.65	122	113	5.11	ng	#	44
49) Dimethylphthalate	12.21	163	169952	11.06	ng		99
70) Phenanthrene	15.01	178	109638	6.62	ng		98
71) Anthracene	15.01	178	109638	6.48	ng		98
74) Fluoranthene	16.75	202	194043	11.42	ng		98
77) Pyrene	17.05	202	170746	9.82	ng		95
80) Benzo(a)anthracene	18.62	228	77068	5.70	ng		98
82) Chrysene	18.67	228	69056	5.28	ng		97
85) Indeno(1,2,3-cd)pyrene	21.61	276	29588	2.79	ng		93
87) Benzo(b)fluoranthene	19.90	252	117547	9.72	ng		97
88) Benzo(k)fluoranthene	19.90	252	117547	10.08	ng		97
89) Benzo(a)pyrene	20.25	252	57065	5.11	ng		94
91) Benzo(g,h,i)perylene	21.99	276	26794	2.96	ng		95

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

Quantitation Report (Not Reviewed)

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Misc :
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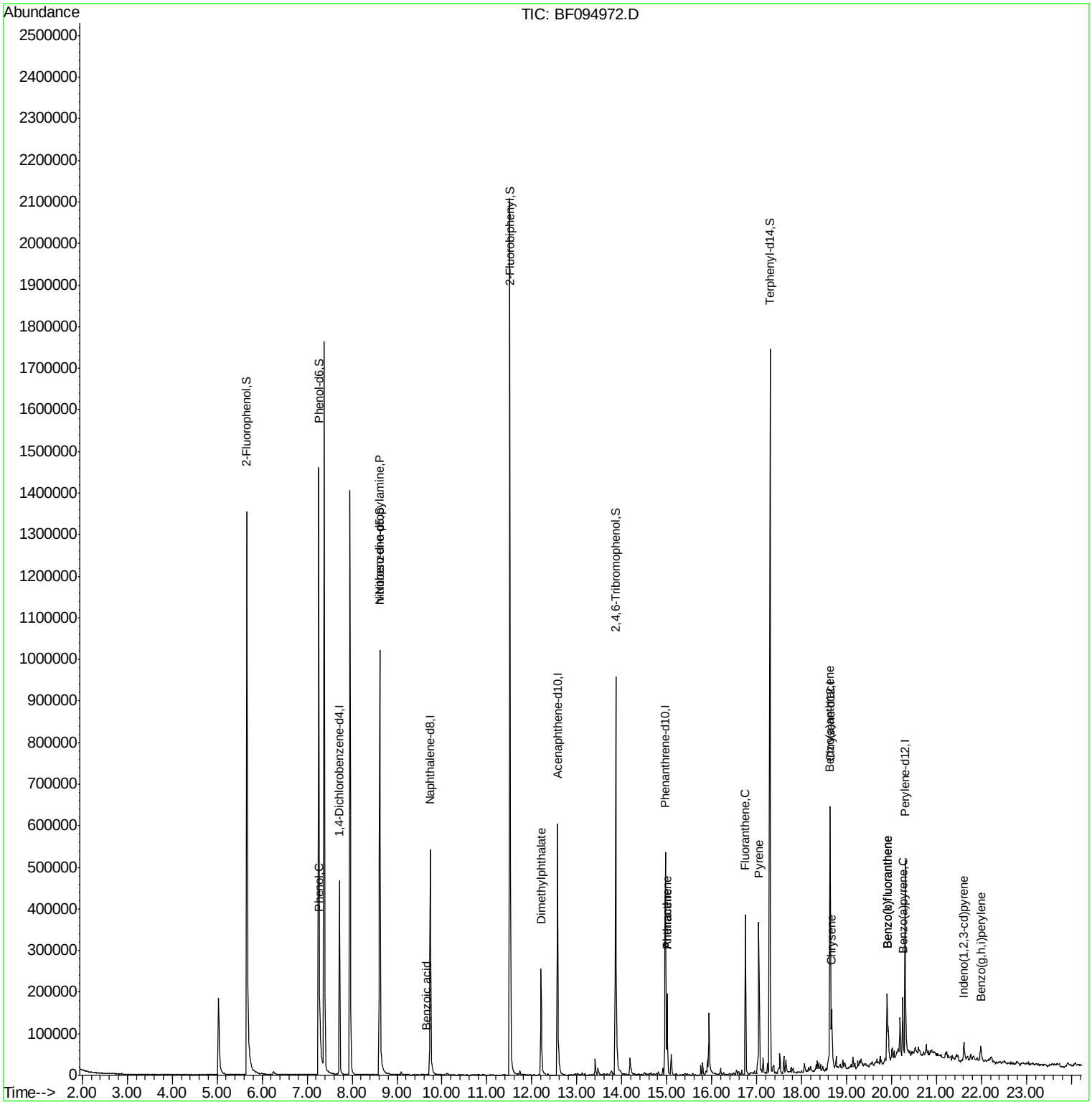
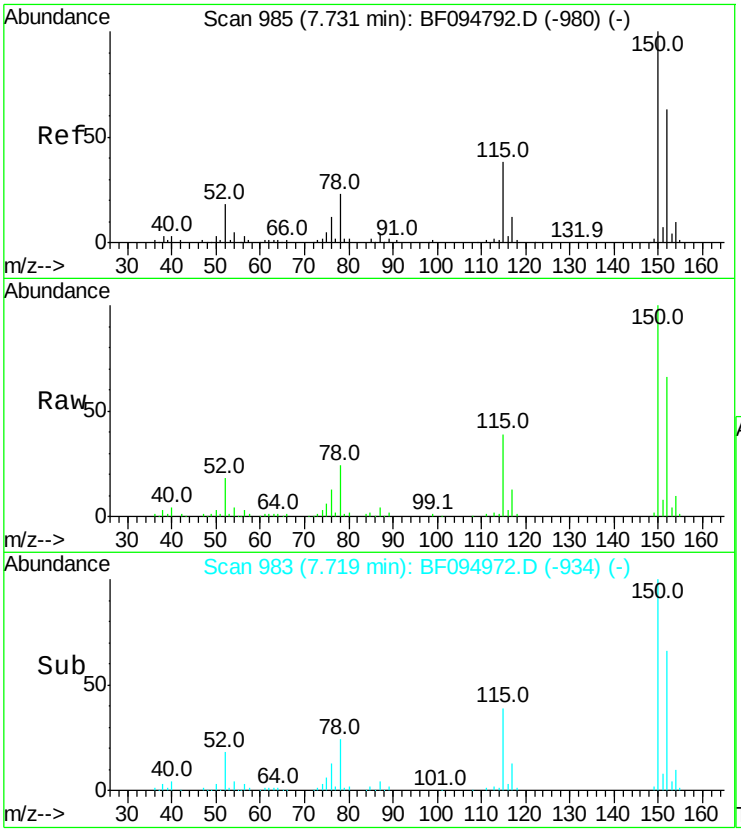


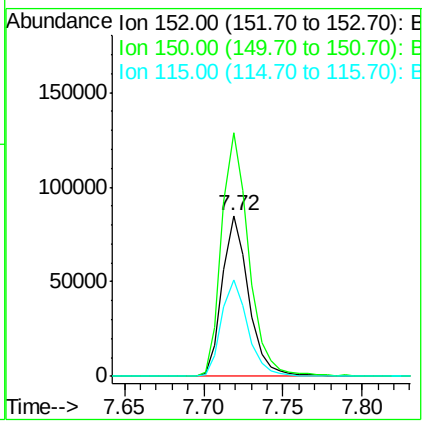


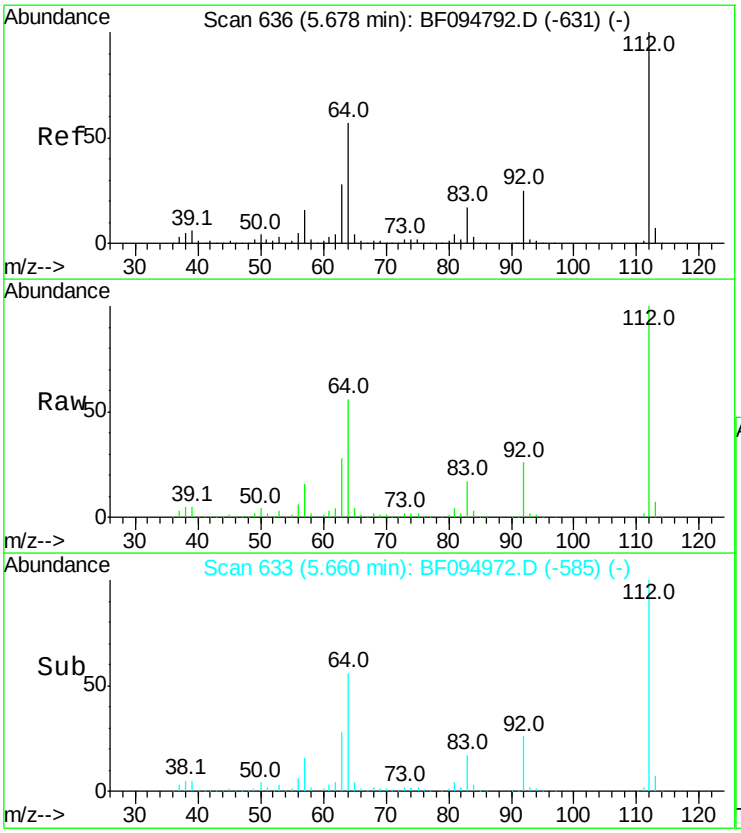
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF094972.D
Acq: 8 May 2017 6:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 98419

Ion	Ratio	Lower	Upper
152	100		
150	151.2	126.2	189.2
115	59.5	52.2	78.2

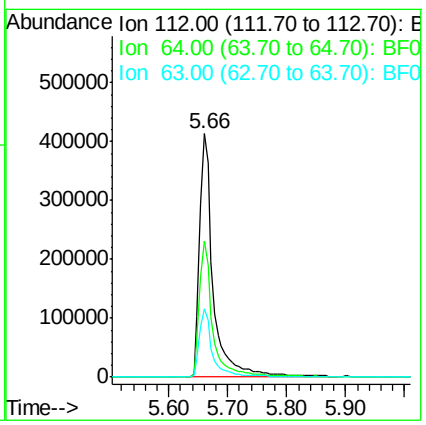


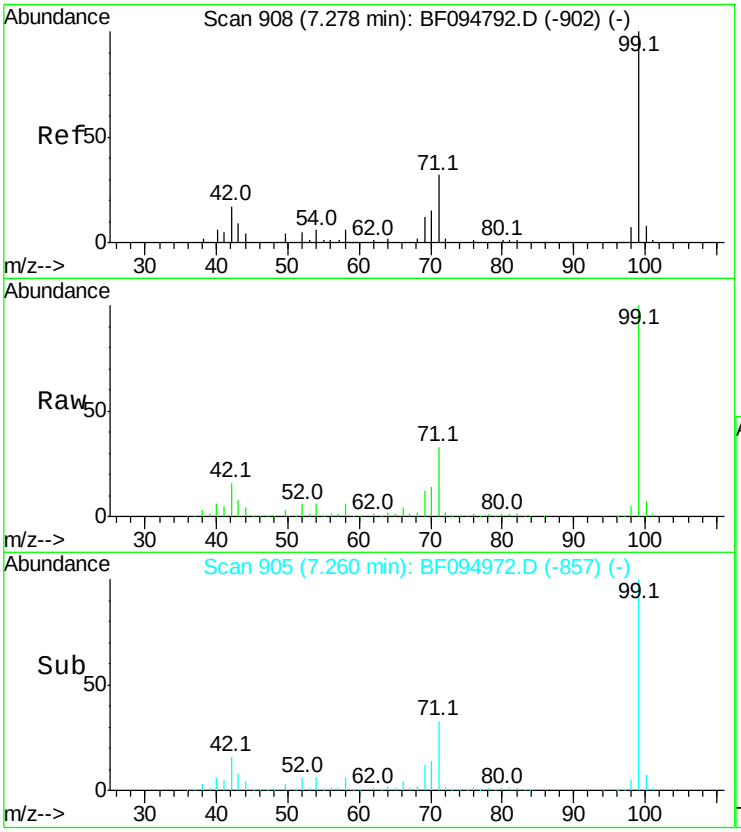


#5
2-Fluorophenol
Concen: 113.11 ng
RT: 5.66 min Scan# 633
Delta R.T. -0.02 min
Lab File: BF094972.D
Acq: 8 May 2017 6:46

Tgt Ion:112 Resp: 667691

Ion	Ratio	Lower	Upper
112	100		
64	56.1	46.0	69.0
63	27.9	23.4	35.0



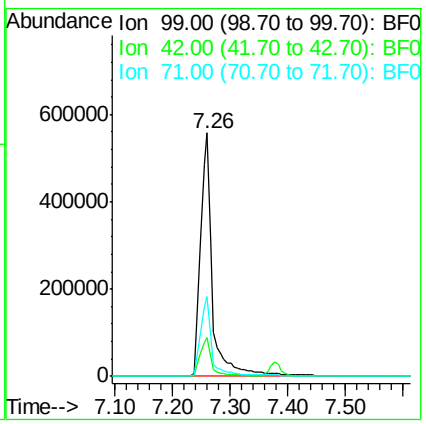


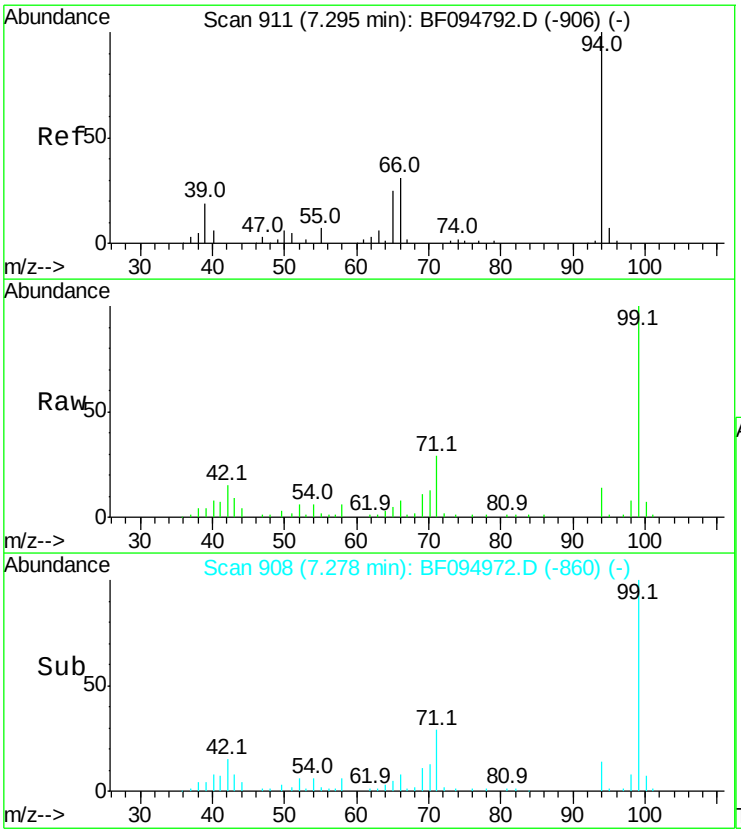
#7
Phenol-d6
Concen: 116.12 ng
RT: 7.26 min Scan# 905
Delta R.T. -0.02 min
Lab File: BF094972.D
Acq: 8 May 2017 6:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 822483

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.5	20.3
71	32.9	24.5	36.7

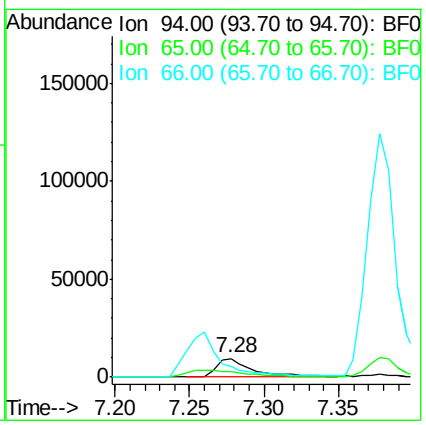


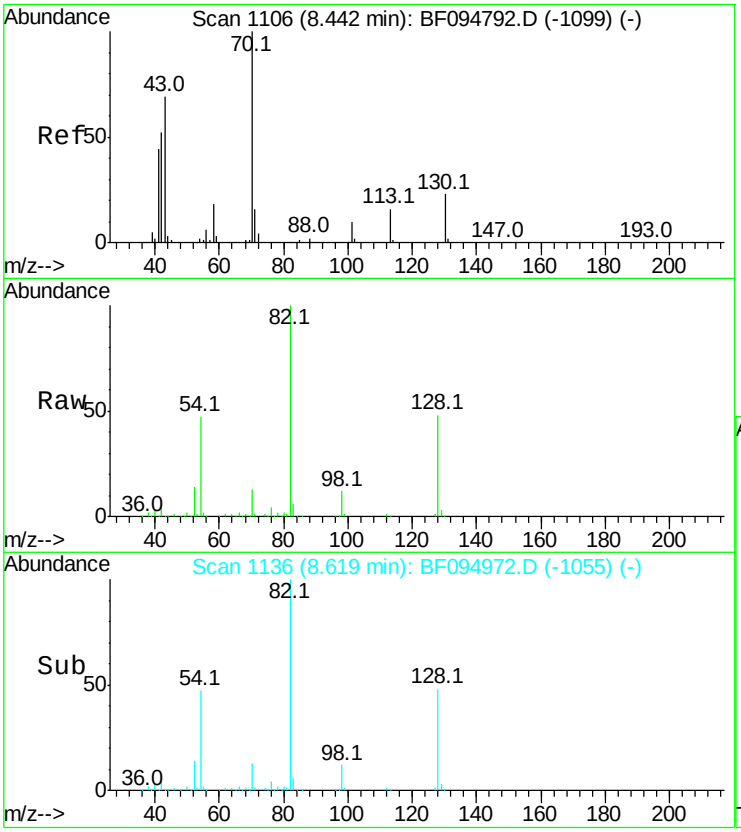


#10
Phenol
Concen: 2.20 ng
RT: 7.28 min Scan# 908
Delta R.T. -0.02 min
Lab File: BF094972.D
Acq: 8 May 2017 6:46

Tgt Ion: 94 Resp: 16428

Ion	Ratio	Lower	Upper
94	100		
65	31.9	9.9	49.9
66	58.2	23.1	63.1



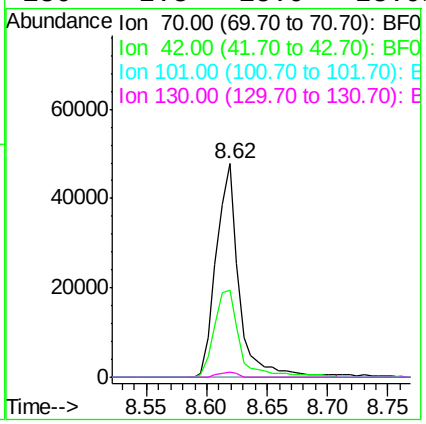


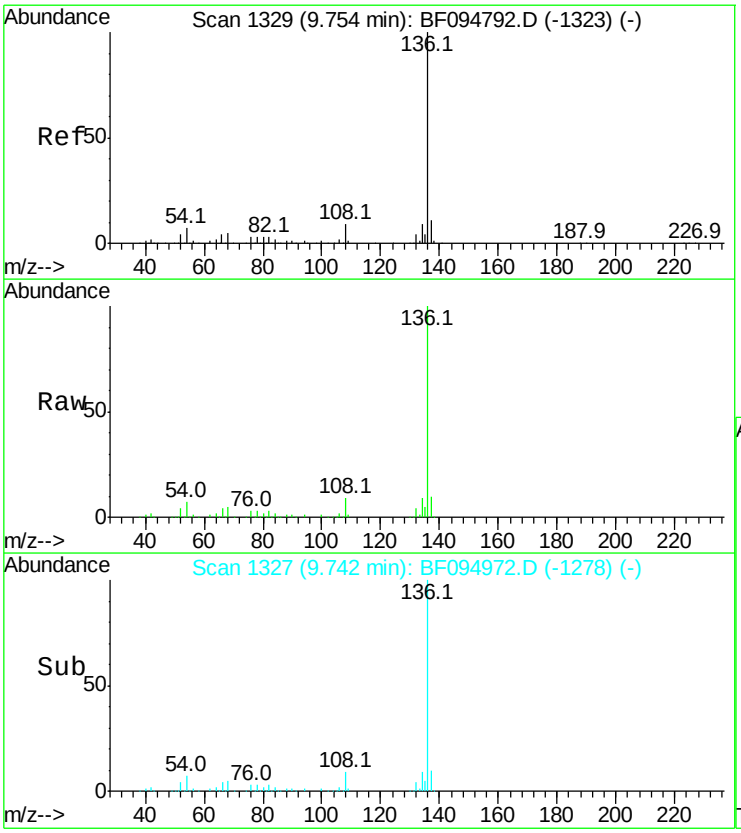
#19
n-Nitroso-di-n-propylamine
Concen: 13.03 ng
RT: 8.62 min Scan# 1136
Delta R.T. 0.18 min
Lab File: BF094972.D
Acq: 8 May 2017 6:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 62420

Ion	Ratio	Lower	Upper
70	100		
42	40.6	47.2	70.8#
101	0.0	7.2	10.8#
130	2.3	15.9	23.9#

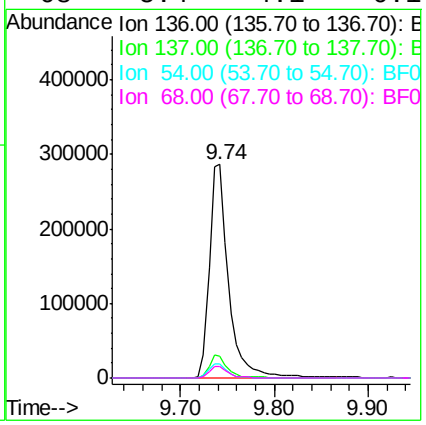


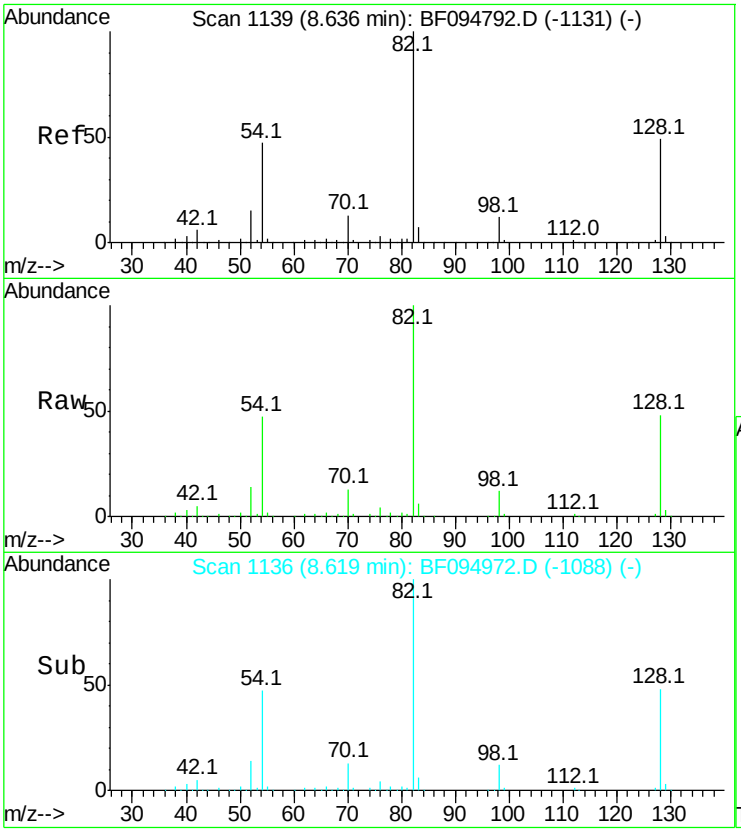


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF094972.D
Acq: 8 May 2017 6:46

Tgt Ion:136 Resp: 414616

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	6.6	4.9	7.3
68	5.4	4.1	6.1



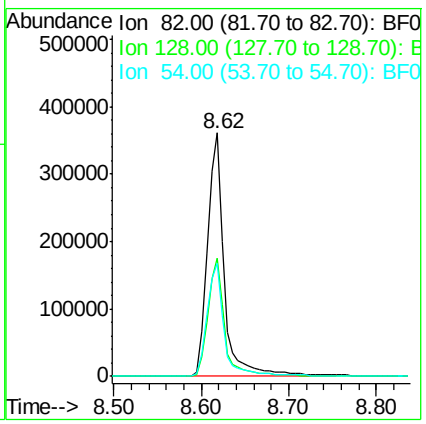


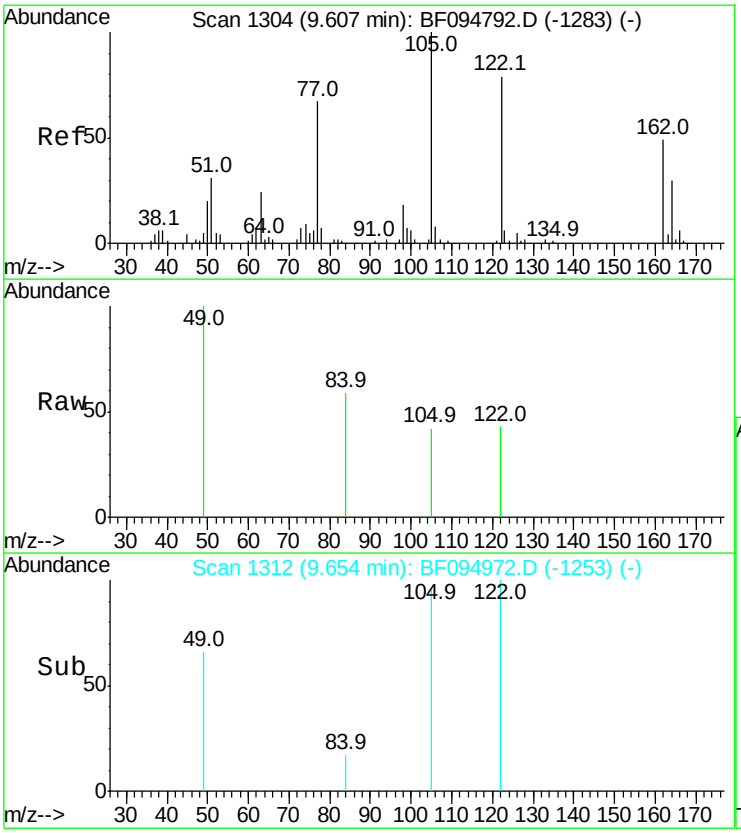
#23
Nitrobenzene-d5
Concen: 73.39 ng
RT: 8.62 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF094972.D
Acq: 8 May 2017 6:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 482533

Ion	Ratio	Lower	Upper
82	100		
128	48.3	34.0	51.0
54	46.6	42.2	63.2

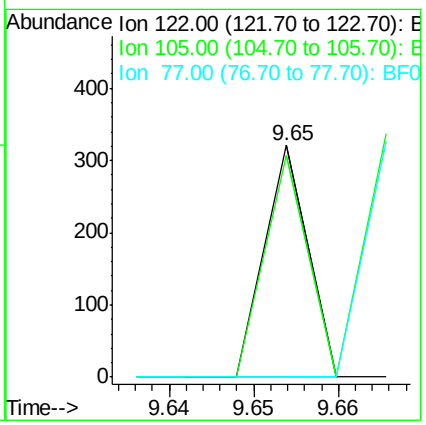


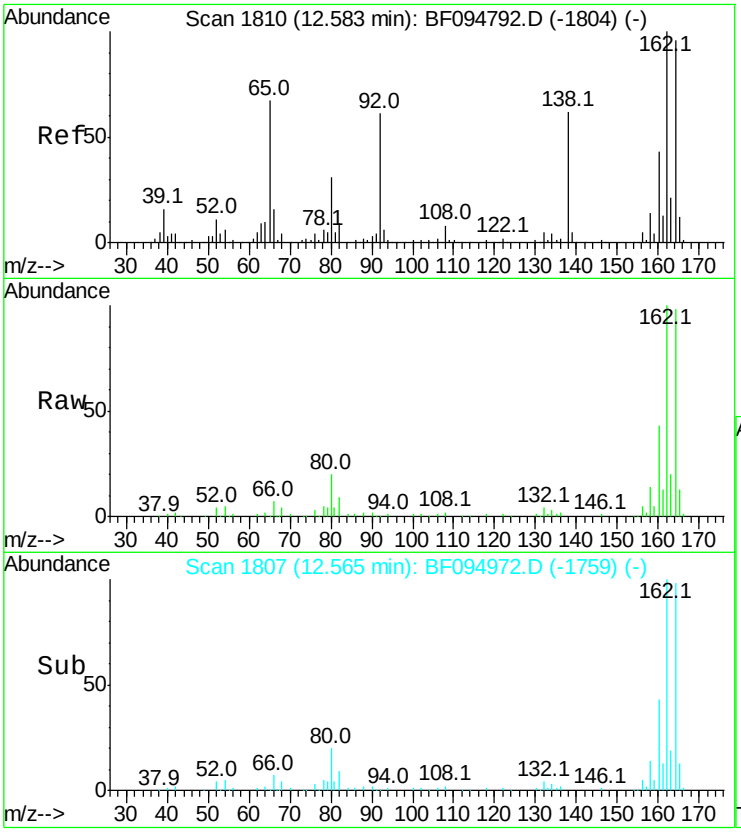


#32
Benzoic acid
Concen: 5.11 ng
RT: 9.65 min Scan# 1312
Delta R.T. 0.05 min
Lab File: BF094972.D
Acq: 8 May 2017 6:46

Tgt Ion:122 Resp: 113

Ion	Ratio	Lower	Upper
122	100		
105	96.0	103.3	143.3#
77	0.0	73.7	113.7#



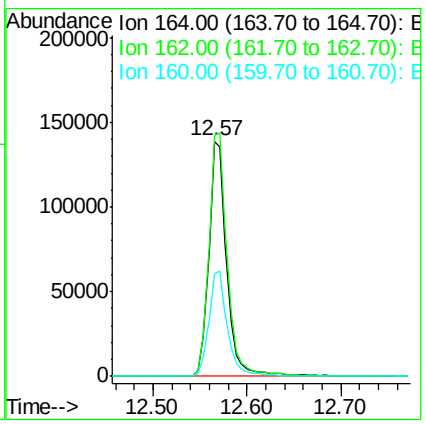


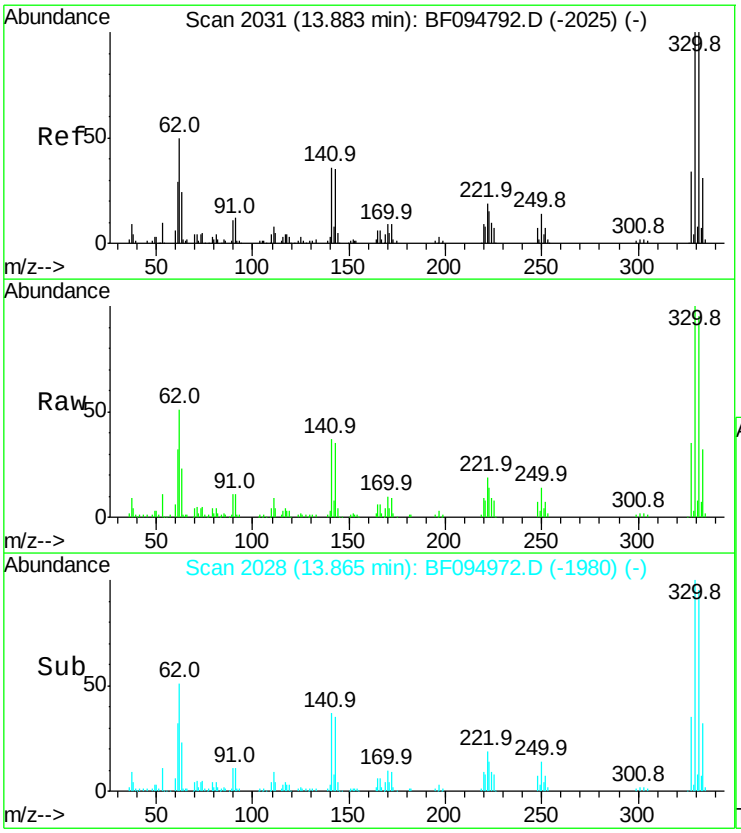
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1807
Delta R.T. -0.02 min
Lab File: BF094972.D
Acq: 8 May 2017 6:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 187261

Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.6	123.8
160	43.6	36.2	54.2

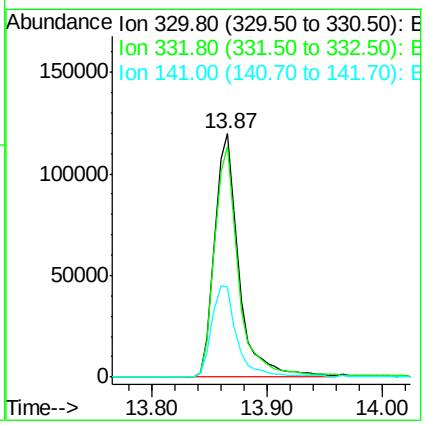


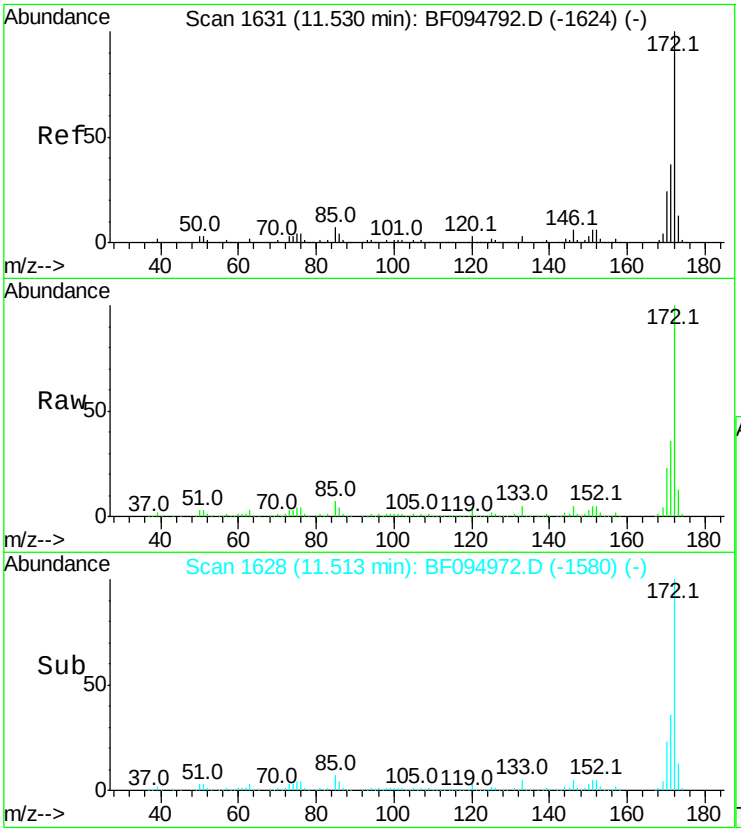


#41
2,4,6-Tribromophenol
Concen: 113.96 ng
RT: 13.87 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF094972.D
Acq: 8 May 2017 6:46

Tgt Ion:330 Resp: 174777

Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.6	115.0
141	39.7	31.4	47.2



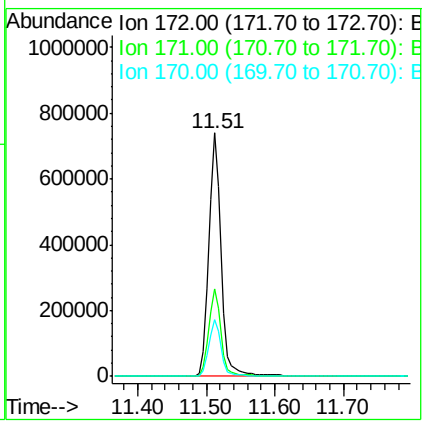


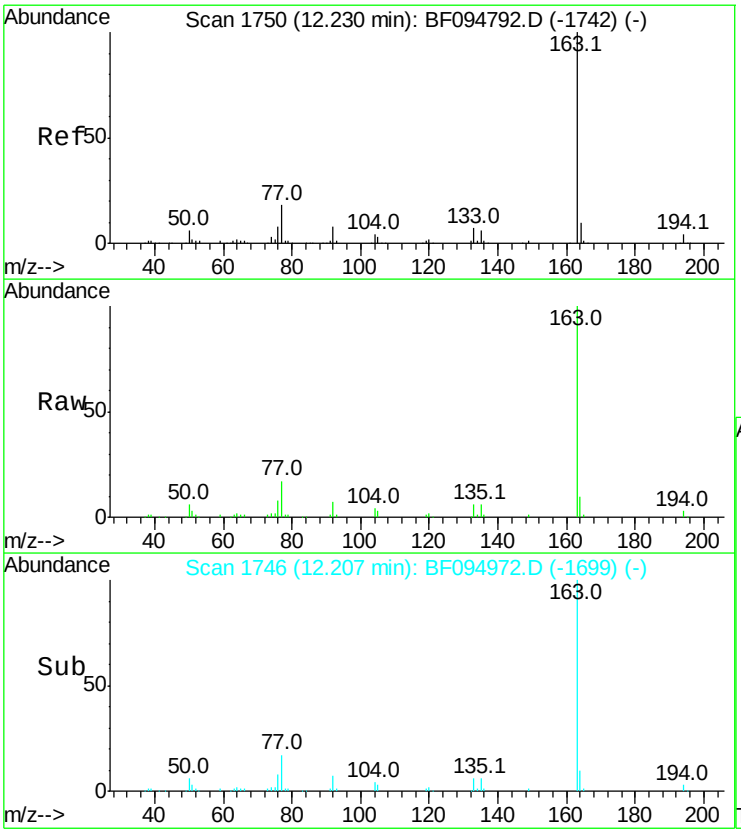
#44
2-Fluorobiphenyl
Concen: 71.25 ng
RT: 11.51 min Scan# 1628
Delta R.T. -0.02 min
Lab File: BF094972.D
Acq: 8 May 2017 6:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 927030

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.4	19.8	29.8

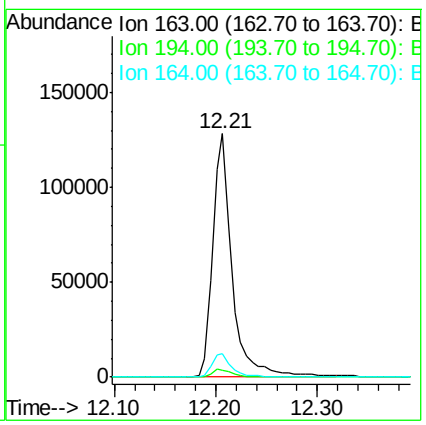


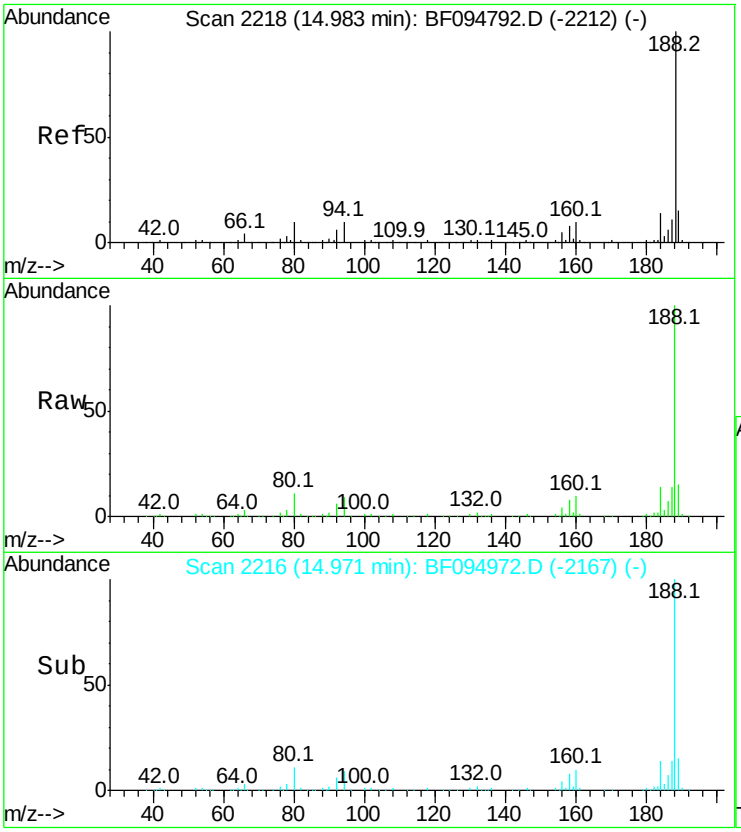


#49
Dimethylphthalate
Concen: 11.06 ng
RT: 12.21 min Scan# 1746
Delta R.T. -0.02 min
Lab File: BF094972.D
Acq: 8 May 2017 6:46

Tgt Ion:163 Resp: 169952

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	9.9	8.4	12.6



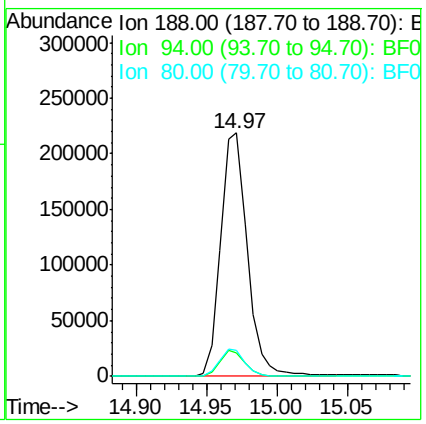


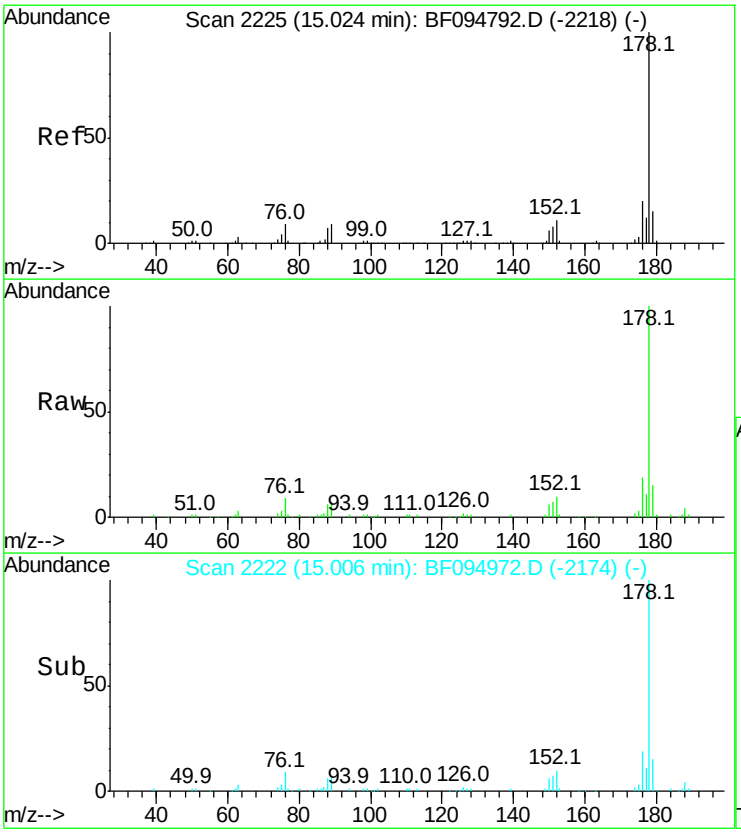
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF094972.D
Acq: 8 May 2017 6:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 288405

Ion	Ratio	Lower	Upper
188	100		
94	9.4	9.4	14.2#
80	10.8	10.2	15.2

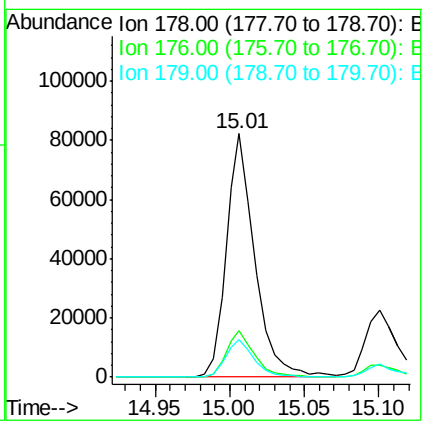


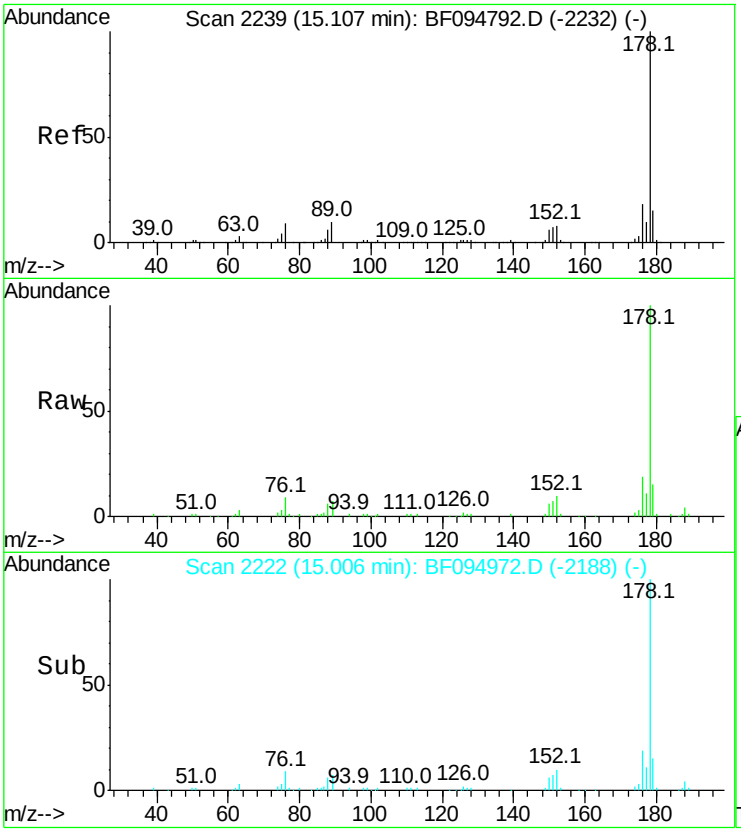


#70
Phenanthrene
Concen: 6.62 ng
RT: 15.01 min Scan# 2222
Delta R.T. -0.02 min
Lab File: BF094972.D
Acq: 8 May 2017 6:46

Tgt Ion:178 Resp: 109638

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.2	24.4
179	15.3	12.6	19.0



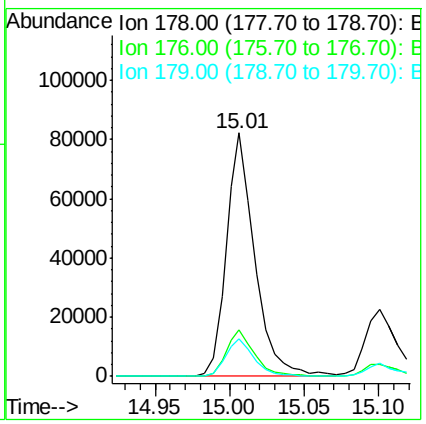


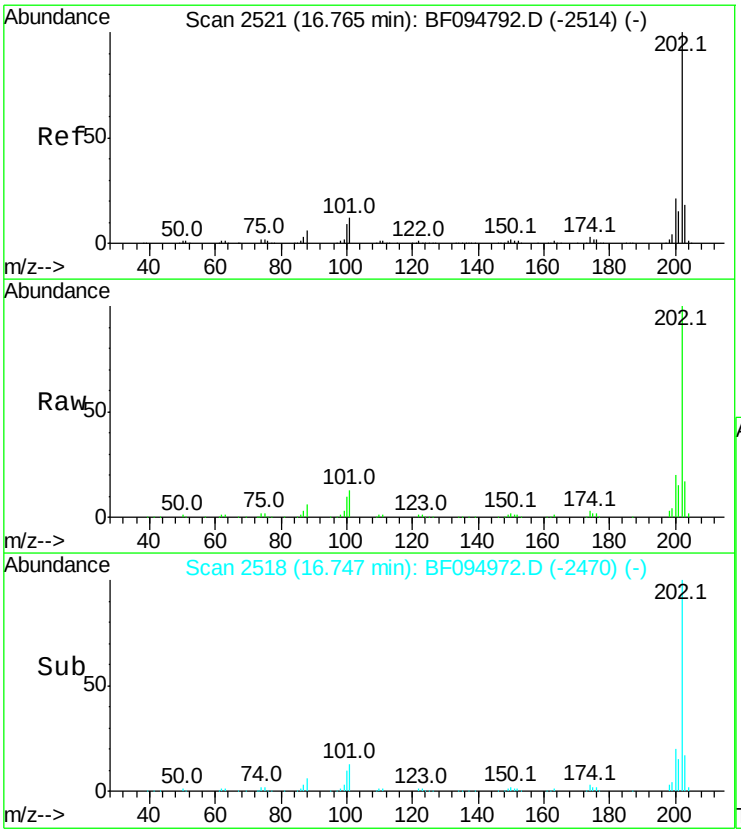
#71
Anthracene
Concen: 6.48 ng
RT: 15.01 min Scan# 2222
Delta R.T. -0.10 min
Lab File: BF094972.D
Acq: 8 May 2017 6:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 109638

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.3	12.7	19.1

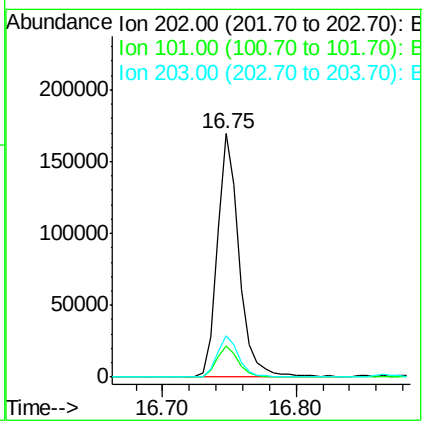


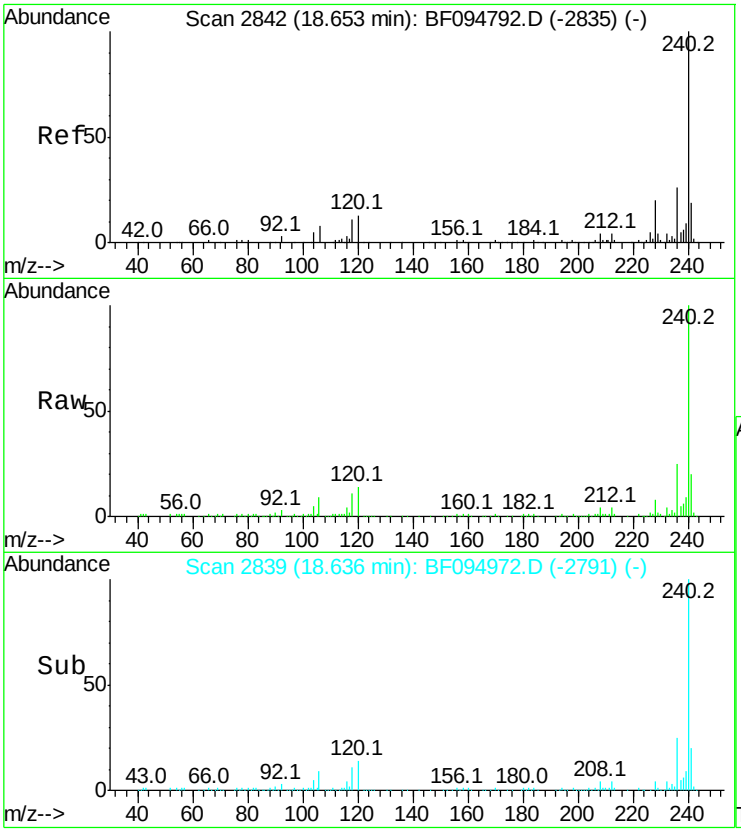


#74
Fluoranthene
Concen: 11.42 ng
RT: 16.75 min Scan# 2518
Delta R.T. -0.02 min
Lab File: BF094972.D
Acq: 8 May 2017 6:46

Tgt Ion:202 Resp: 194043

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.2
203	16.9	0.0	38.1



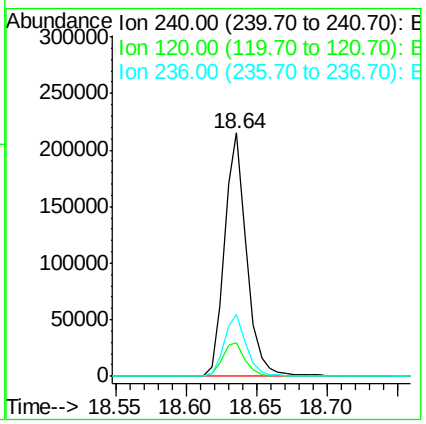


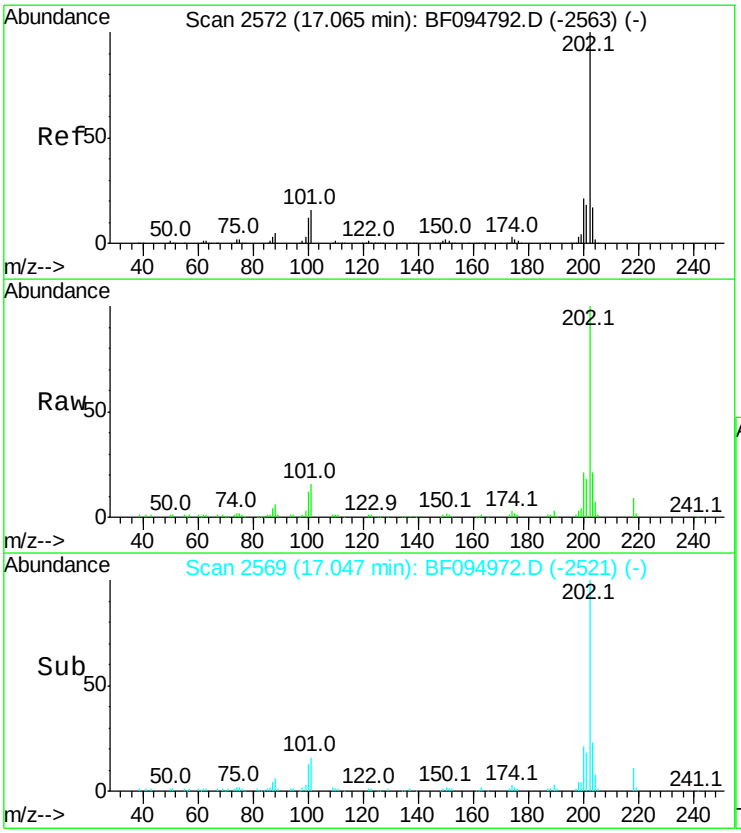
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BF094972.D
Acq: 8 May 2017 6:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 232441

Ion	Ratio	Lower	Upper
240	100		
120	14.0	5.8	8.8#
236	25.3	20.5	30.7

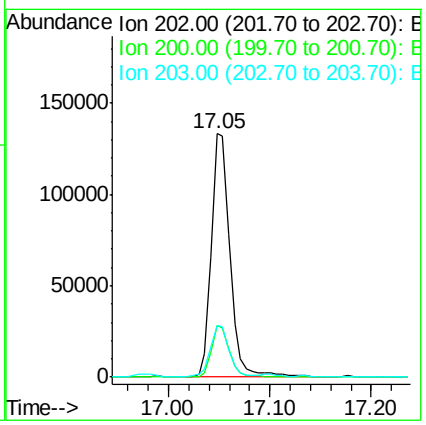


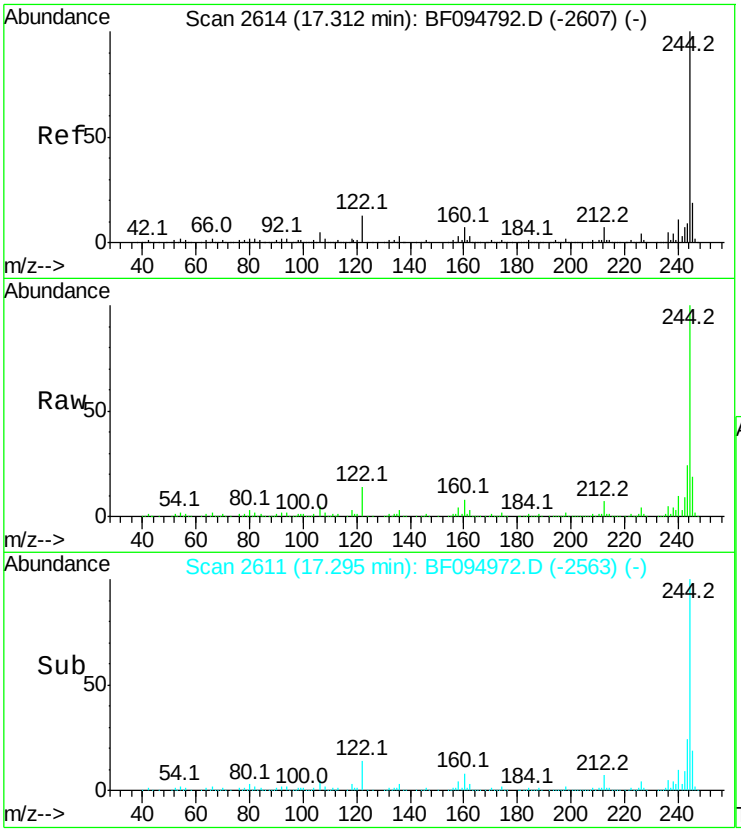


#77
Pyrene
Concen: 9.82 ng
RT: 17.05 min Scan# 2569
Delta R.T. -0.02 min
Lab File: BF094972.D
Acq: 8 May 2017 6:46

Tgt Ion:202 Resp: 170746

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.6	26.4
203	21.4	14.4	21.6



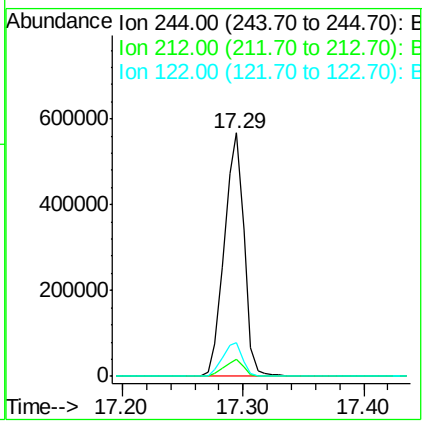


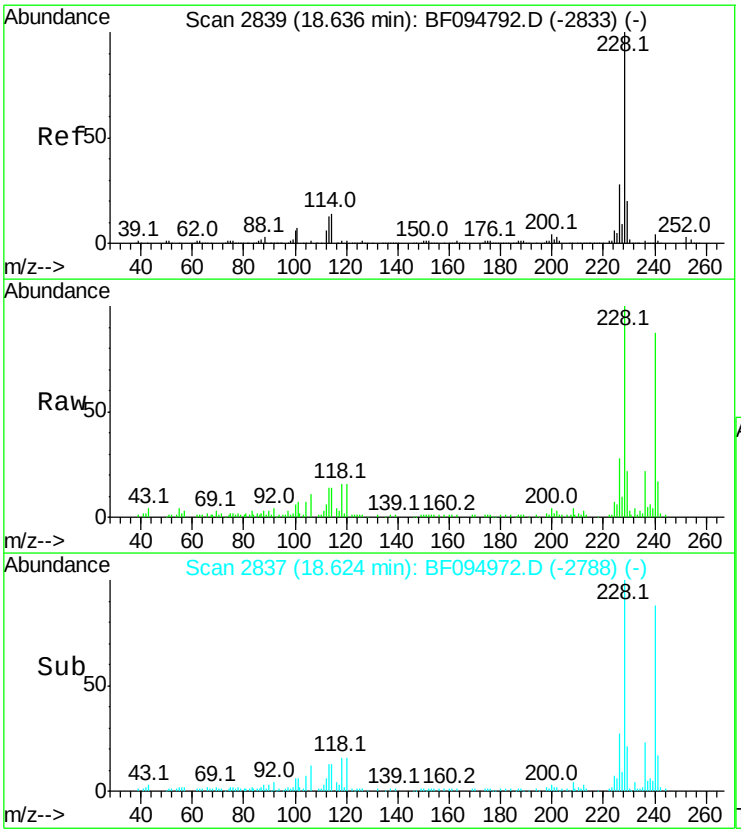
#78
Terphenyl-d14
Concen: 61.17 ng
RT: 17.29 min Scan# 2611
Delta R.T. -0.02 min
Lab File: BF094972.D
Acq: 8 May 2017 6:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 645549

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	13.7	10.3	15.5

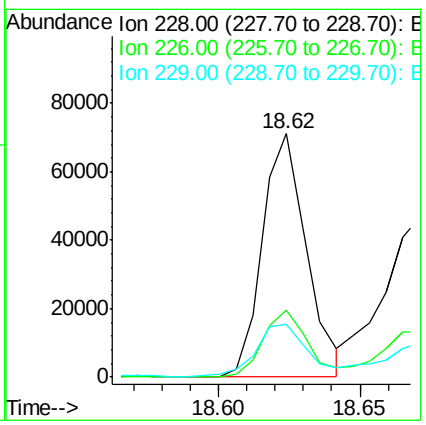


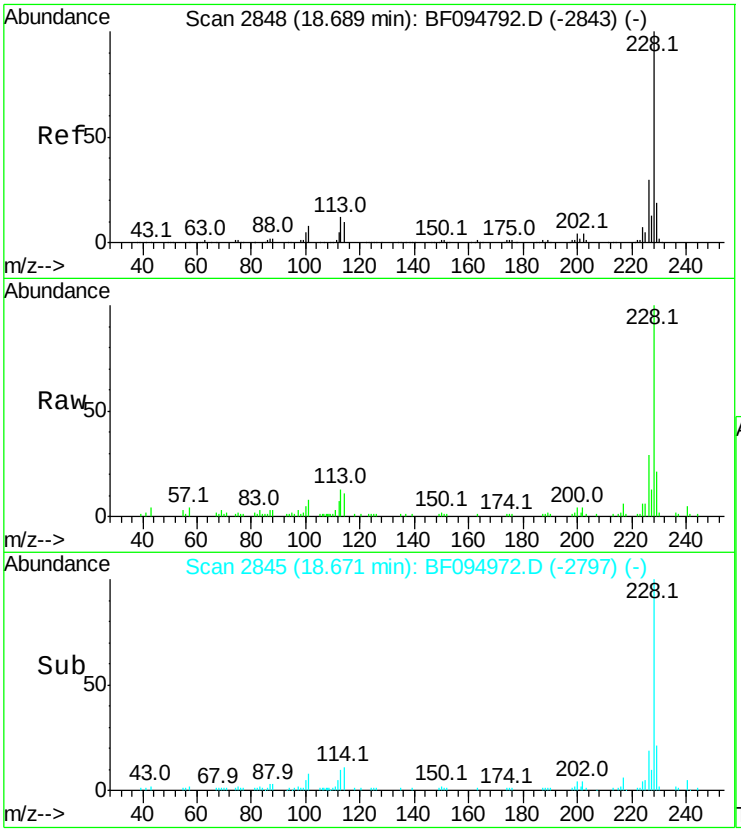


#80
Benzo(a)anthracene
Concen: 5.70 ng
RT: 18.62 min Scan# 2837
Delta R.T. -0.01 min
Lab File: BF094972.D
Acq: 8 May 2017 6:46

Tgt Ion:228 Resp: 77068

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	21.8	16.3	24.5



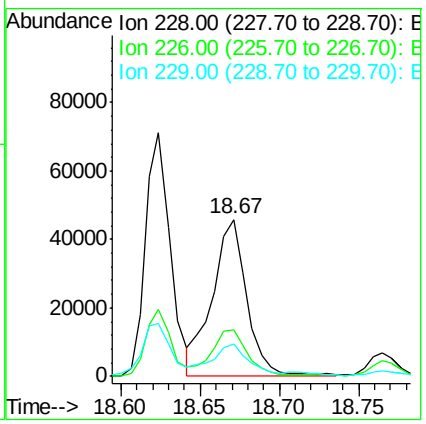


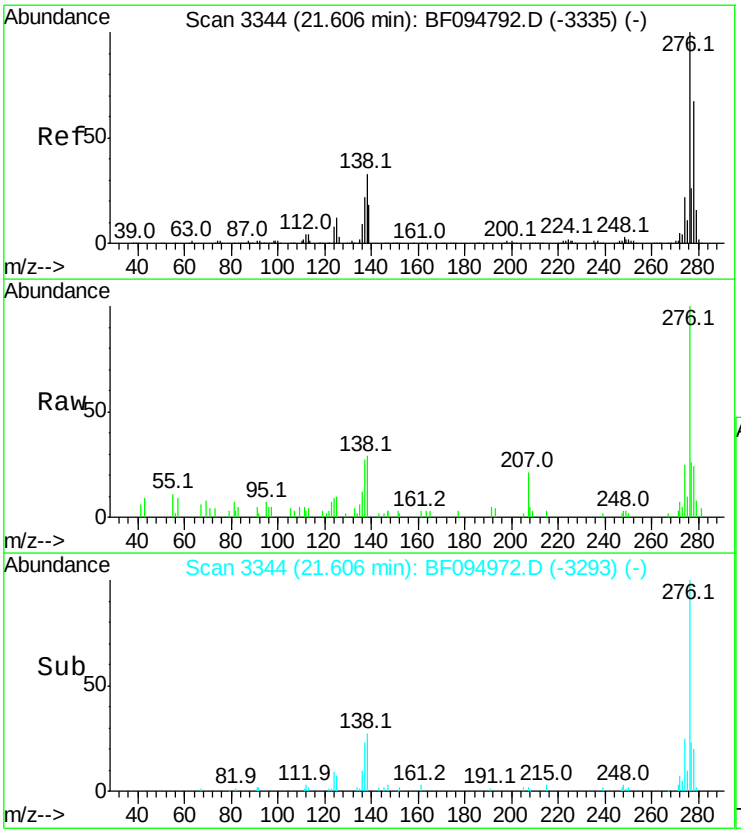
#82
Chrysene
Concen: 5.28 ng
RT: 18.67 min Scan# 2845
Delta R.T. -0.02 min
Lab File: BF094972.D
Acq: 8 May 2017 6:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 69056

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.9	37.3
229	21.1	15.8	23.6

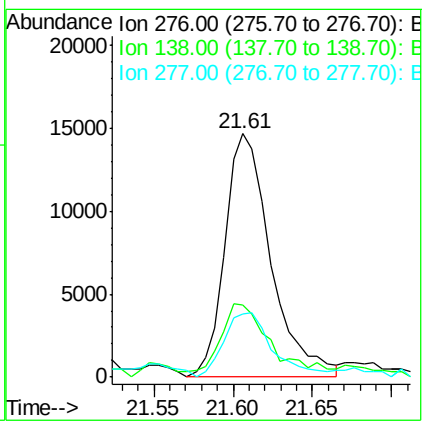


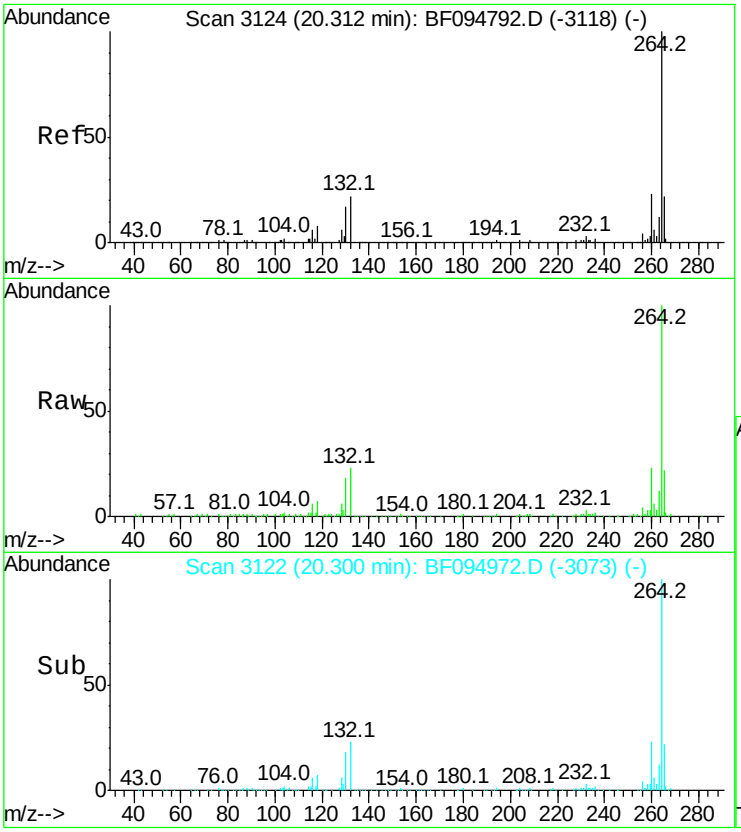


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.79 ng
RT: 21.61 min Scan# 3344
Delta R.T. -0.00 min
Lab File: BF094972.D
Acq: 8 May 2017 6:46

Tgt Ion:276 Resp: 29588

Ion	Ratio	Lower	Upper
276	100		
138	29.8	27.8	41.6
277	28.0	20.2	30.4



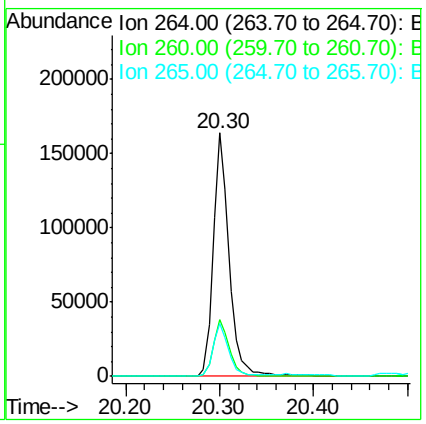


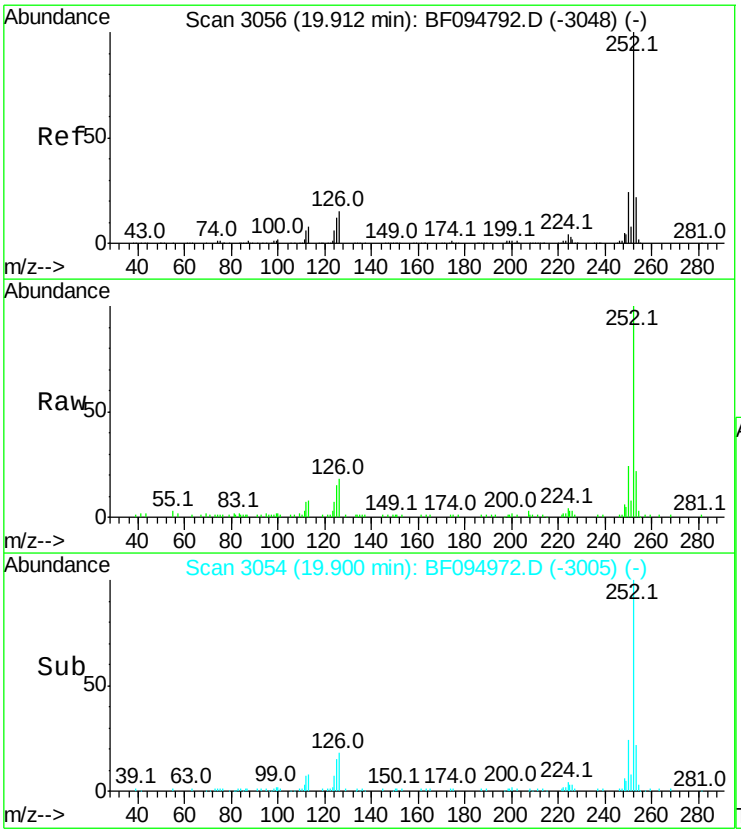
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF094972.D
Acq: 8 May 2017 6:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 195667

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.9	17.2	25.8

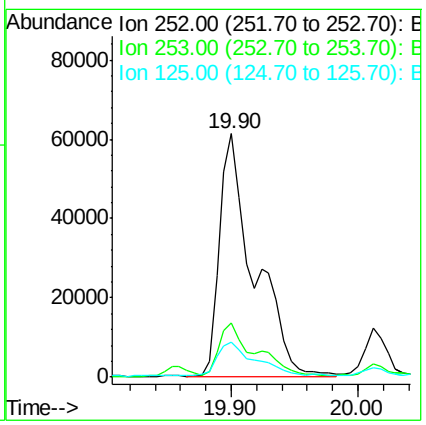


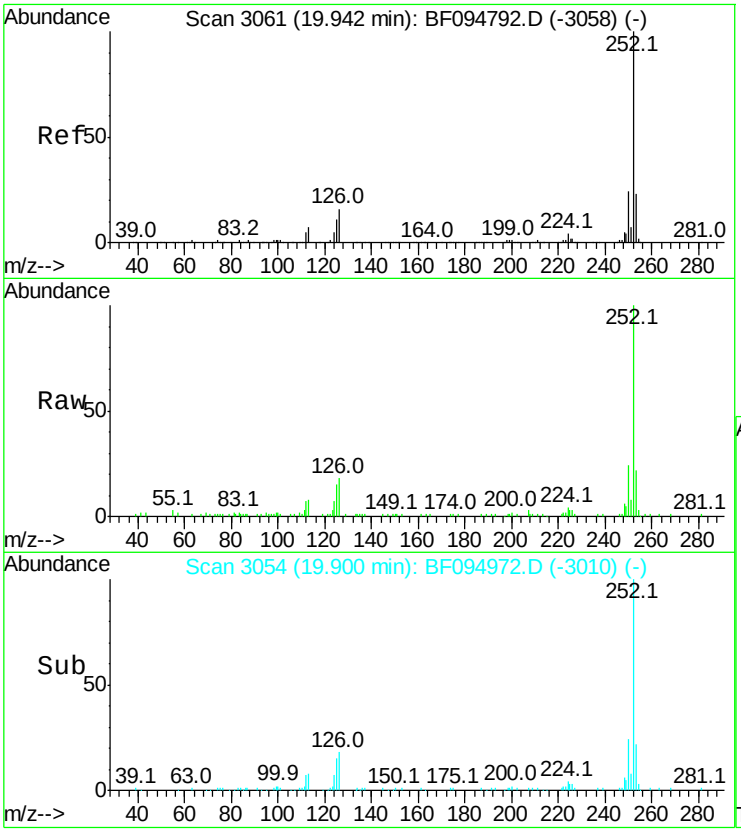


#87
Benzo(b)fluoranthene
Concen: 9.72 ng
RT: 19.90 min Scan# 3054
Delta R.T. -0.01 min
Lab File: BF094972.D
Acq: 8 May 2017 6:46

Tgt Ion:252 Resp: 117547

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	14.5	9.8	14.8



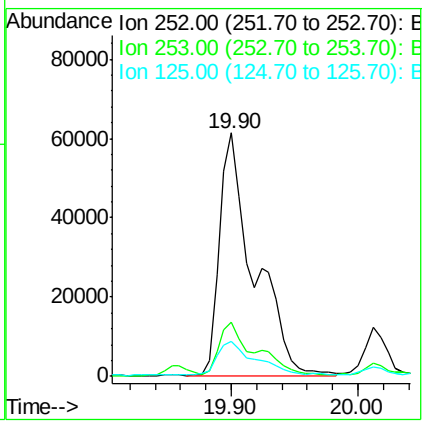


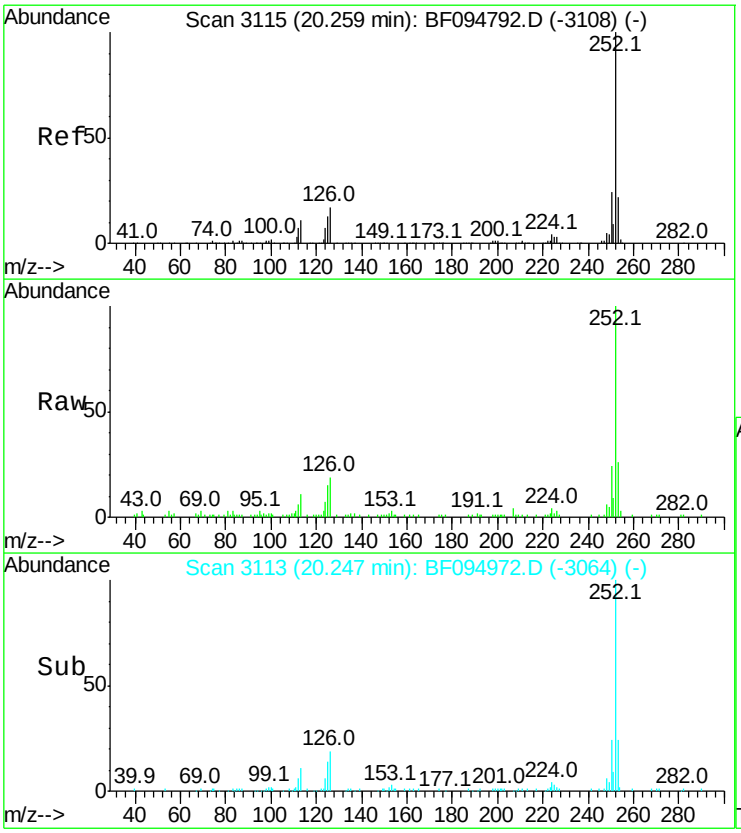
#88
Benzo(k)fluoranthene
Concen: 10.08 ng
RT: 19.90 min Scan# 3054
Delta R.T. -0.04 min
Lab File: BF094972.D
Acq: 8 May 2017 6:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 117547

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.4	27.6
125	14.5	13.1	19.7

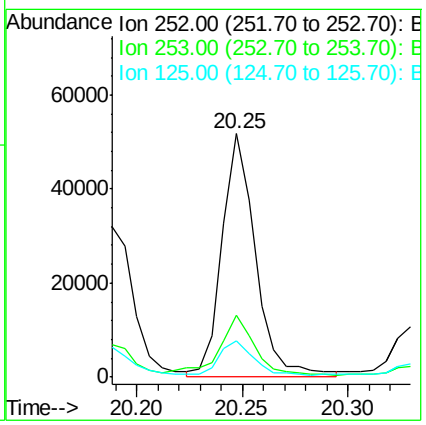


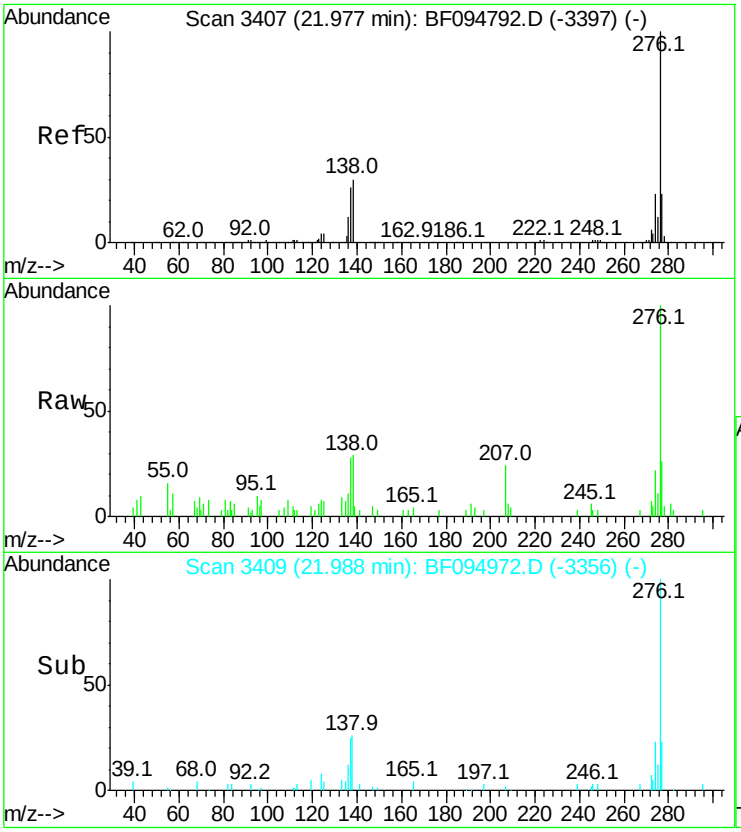


#89
Benzo(a)pyrene
Concen: 5.11 ng
RT: 20.25 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BF094972.D
Acq: 8 May 2017 6:46

Tgt Ion:252 Resp: 57065

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.5	26.3
125	14.6	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 2.96 ng
RT: 21.99 min Scan# 3409
Delta R.T. 0.01 min
Lab File: BF094972.D
Acq: 8 May 2017 6:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 26794

Ion	Ratio	Lower	Upper
276	100		
277	26.4	18.6	28.0
138	29.4	25.4	38.0