Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF103116\
Data File : BF090945.D
Acq On : 31 Oct 2016 23:00
Operator : UM/SJ
Sample : H5463-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 01 10:39:27 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 28 15:18:12 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.750	152	145365	20.00	ng		-0.01
21) Naphthalene-d8	8.030	136	601336	20.00	ng		-0.02
38) Acenaphthene-d10	9.790	164	279836	20.00	ng		-0.02
63) Phenanthrene-d10	11.265	188	448023	20.00	ng		-0.02
75) Chrysene-d12	13.905	240	336793	20.00	ng		-0.02
86) Perylene-d12	15.311	264	329511	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.344	112	1009069	121.37	ng		-0.01
7) Phenol-d6	6.396	99	1283929	114.47	ng		-0.02
23) Nitrobenzene-d5	7.310	82	800113	87.10	ng		-0.02
41) 2,4,6-Tribromophenol	10.579	330	347221	120.74	ng		-0.02
44) 2-Fluorobiphenyl	9.116	172	1516595	95.17	ng		-0.02
78) Terphenyl-d14	12.854	244	1040207	77.81	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.407	94	56878	4.60	ng		76
19) n-Nitroso-di-n-propyla...	7.310	70	108621	16.75	ng	#	54
25) Isophorone	7.310	82	730760	39.20	ng	#	58
31) Naphthalene	8.053	128	107559	3.83	ng		100
48) Acenaphthylene	9.642	152	328982	14.17	ng		97
49) Dimethylphthalate	9.505	163	270518	14.47	ng	#	97
66) 4-Bromophenyl-phenylether	10.579	248	20606	4.20	ng	#	1
70) Phenanthrene	11.288	178	117352	5.14	ng		98
71) Anthracene	11.345	178	163714	6.81	ng		98
74) Fluoranthene	12.476	202	413148	16.54	ng		94
77) Pyrene	12.705	202	660003	30.97	ng		96
80) Benzo(a)anthracene	13.894	228	458451	25.65	ng	#	74
82) Chrysene	13.894	228	458451	25.36	ng	#	76
85) Indeno(1,2,3-cd)pyrene	16.648	276	309819	19.34	ng	#	91
87) Benzo(b)fluoranthene	14.922	252	950402	42.89	ng	#	87
88) Benzo(k)fluoranthene	14.922	252	950402	54.28	ng	#	88
89) Benzo(a)pyrene	15.254	252	584547	30.70	ng	#	86
91) Benzo(g,h,i)perylene	17.048	276	329827	21.73	ng	#	84

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

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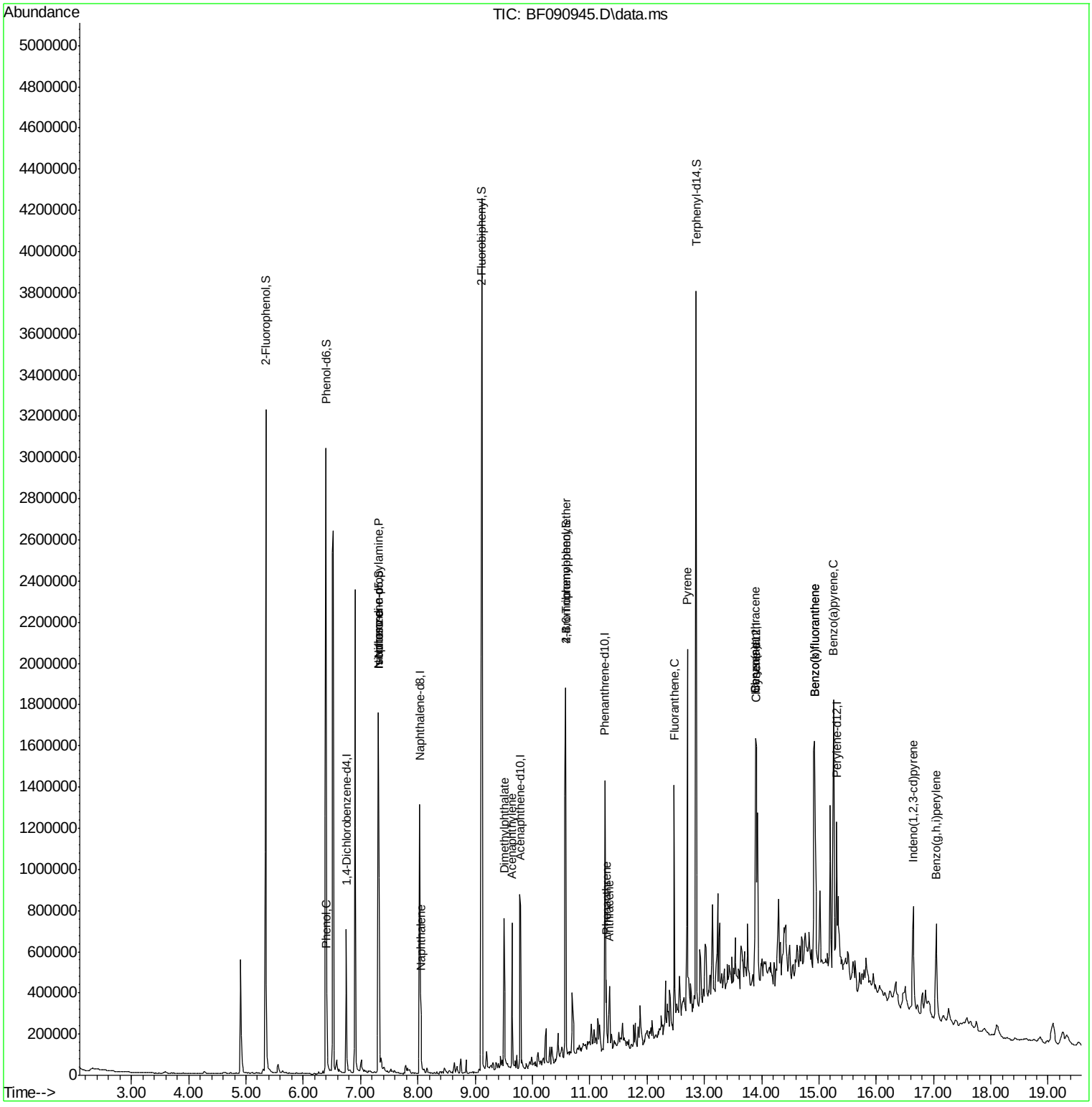
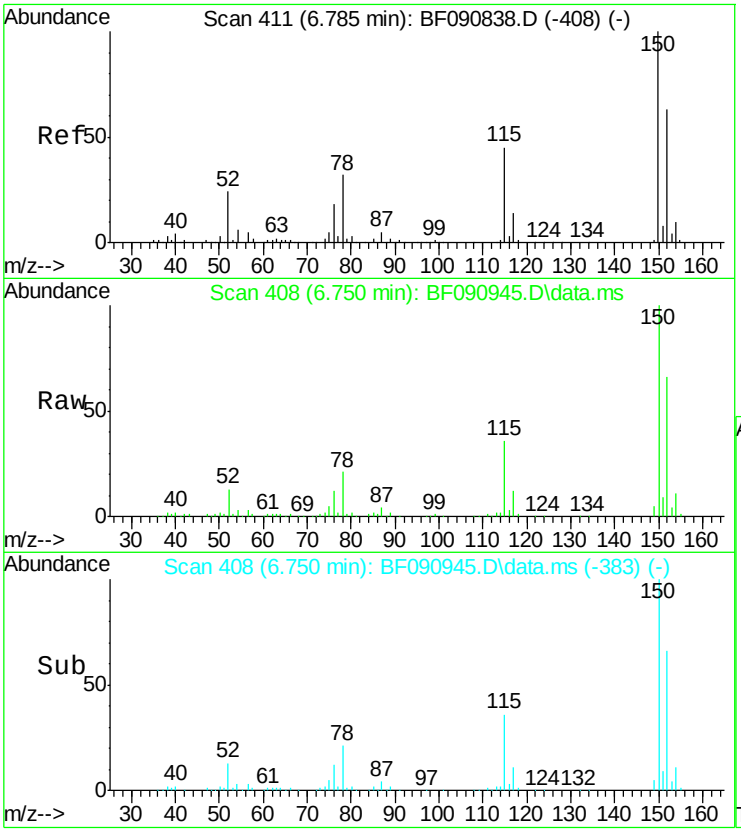


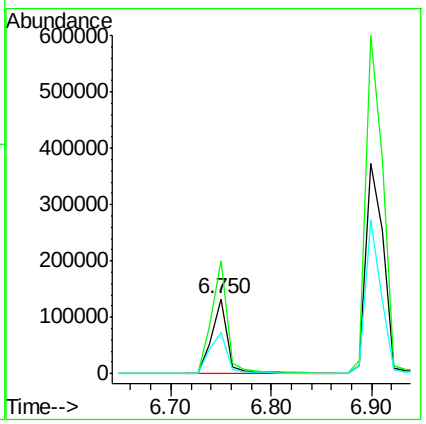


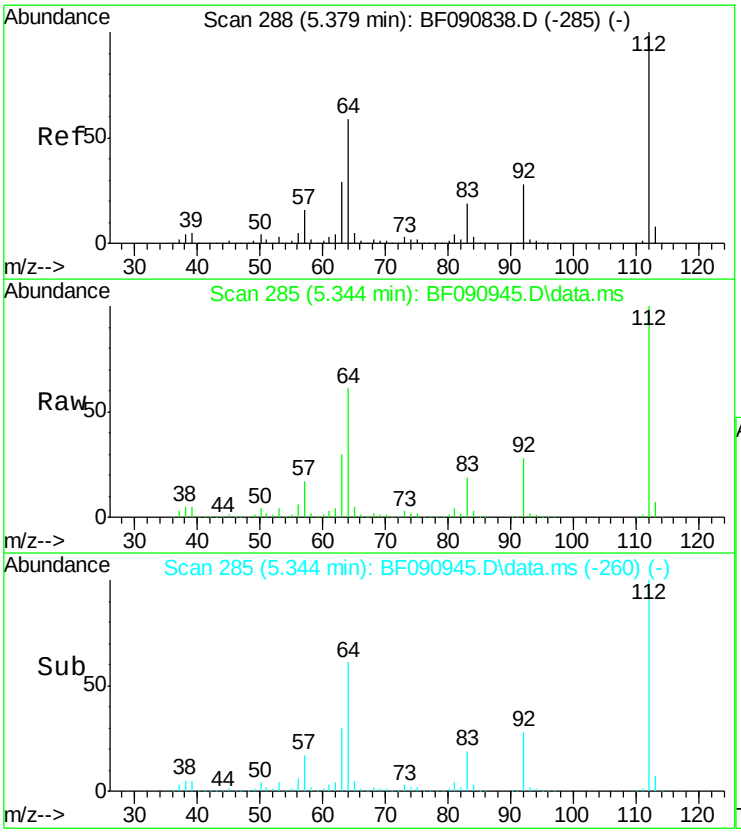
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.750 min Scan# 40
Delta R.T. -0.011 min
Lab File: BF090945.D
Acq: 31 Oct 2016 23:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 145365

Ion	Ratio	Lower	Upper
152	100		
150	152.0	124.7	187.1
115	54.5	39.0	58.4

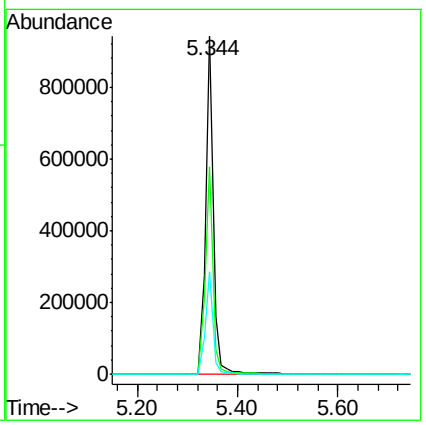


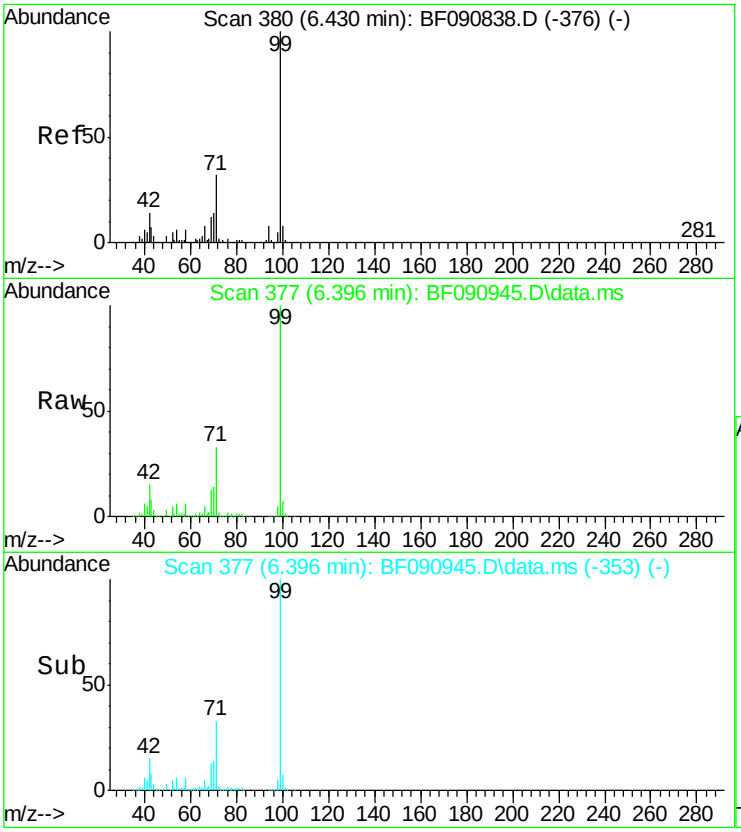


#5
2-Fluorophenol
Concen: 121.37 ng
RT: 5.344 min Scan# 285
Delta R.T. -0.011 min
Lab File: BF090945.D
Acq: 31 Oct 2016 23:00

Tgt Ion:112 Resp: 1009069

Ion	Ratio	Lower	Upper
112	100		
64	61.3	39.7	59.5#
63	30.2	17.4	26.0#



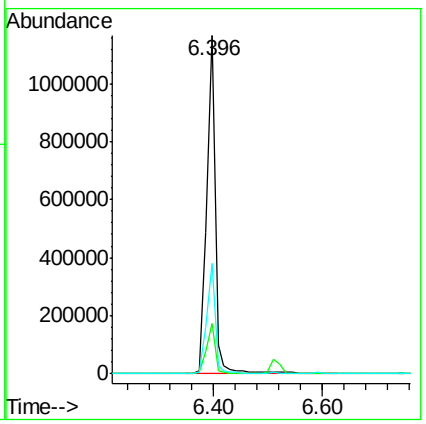


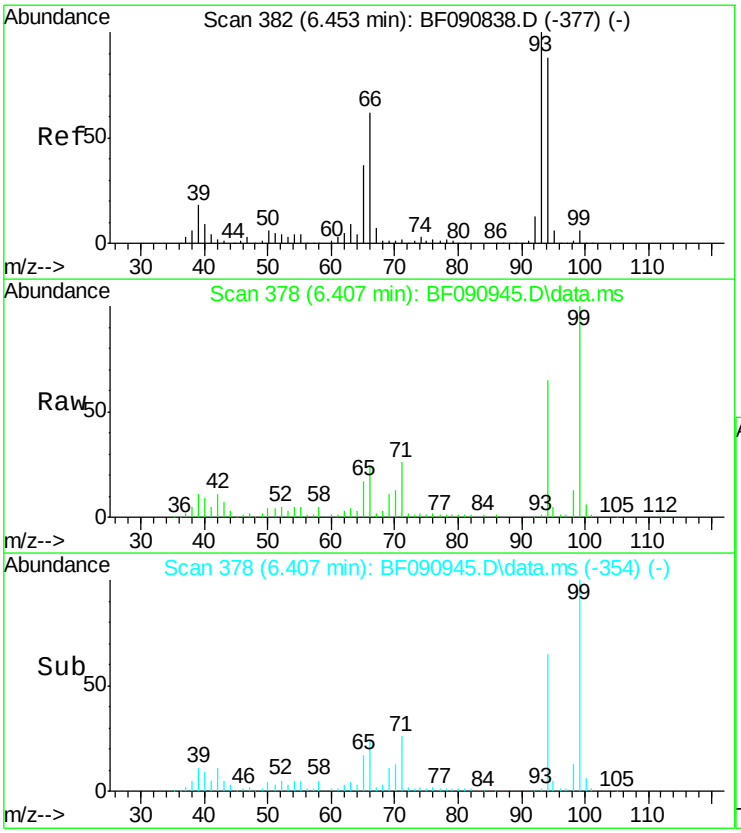
#7
Phenol-d6
Concen: 114.47 ng
RT: 6.396 min Scan# 37
Delta R.T. -0.023 min
Lab File: BF090945.D
Acq: 31 Oct 2016 23:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1283929

Ion	Ratio	Lower	Upper
99	100		
42	14.8	13.7	20.5
71	32.7	14.2	21.2#

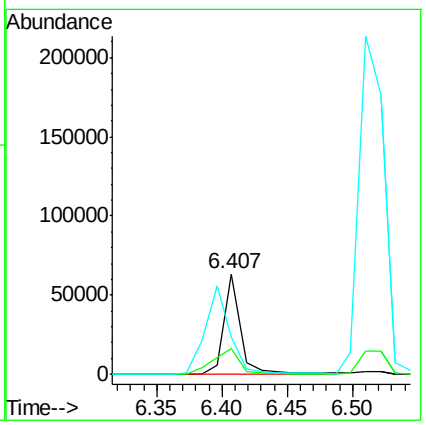


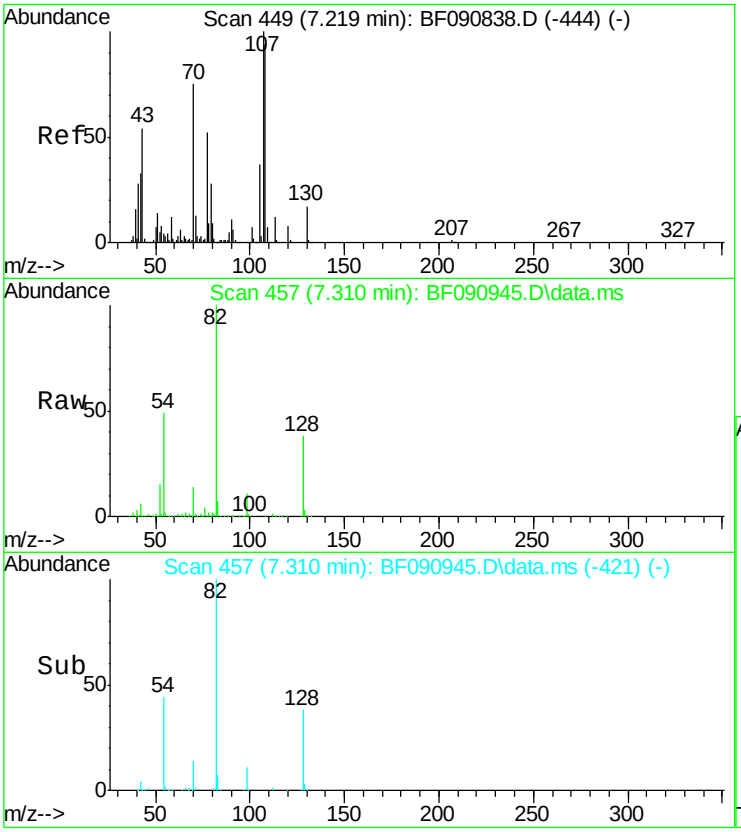


#10
Phenol
Concen: 4.60 ng
RT: 6.407 min Scan# 378
Delta R.T. -0.023 min
Lab File: BF090945.D
Acq: 31 Oct 2016 23:00

Tgt Ion: 94 Resp: 56878

Ion	Ratio	Lower	Upper
94	100		
65	26.0	0.7	40.7
66	37.4	0.8	40.8



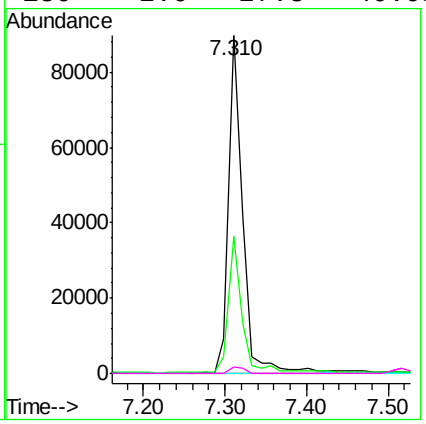


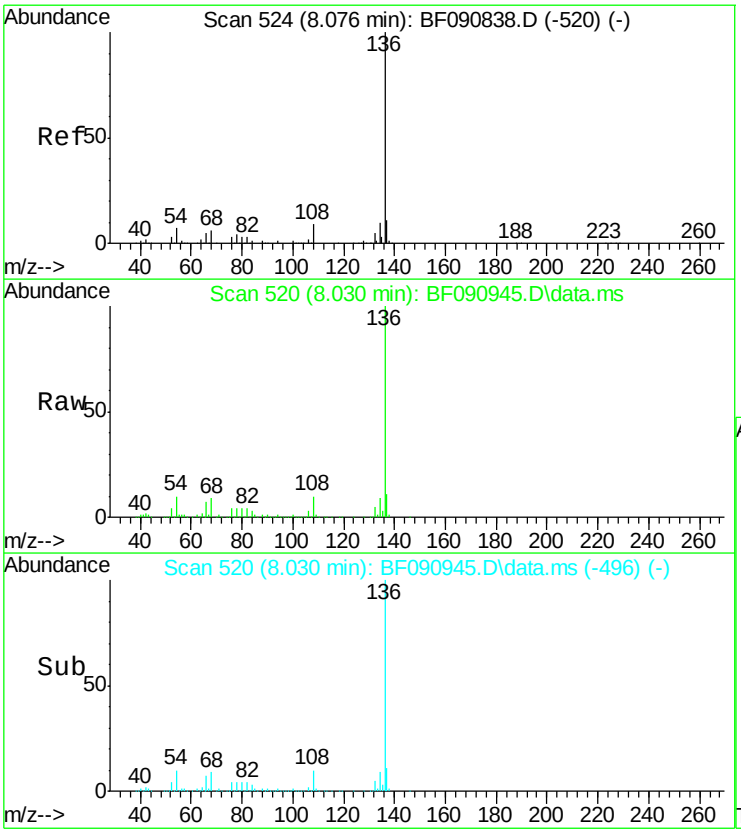
#19
n-Nitroso-di-n-propylamine
Concen: 16.75 ng
RT: 7.310 min Scan# 45
Delta R.T. 0.114 min
Lab File: BF090945.D
Acq: 31 Oct 2016 23:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 108621

Ion	Ratio	Lower	Upper
70	100		
42	40.7	63.8	95.6#
101	0.0	9.2	13.8#
130	2.0	27.3	40.9#

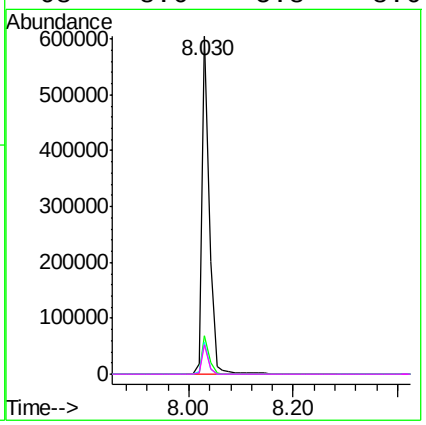


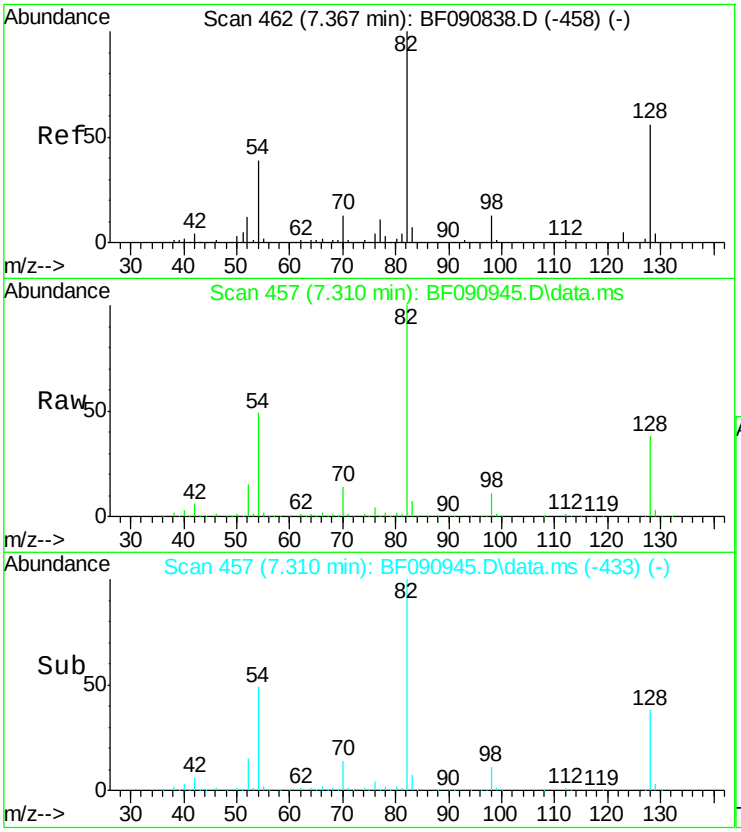


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.030 min Scan# 520
Delta R.T. -0.023 min
Lab File: BF090945.D
Acq: 31 Oct 2016 23:00

Tgt Ion:136 Resp: 601336

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	9.7	8.2	12.2
68	8.6	5.8	8.6



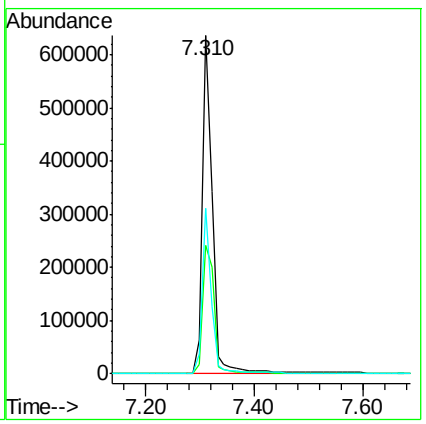


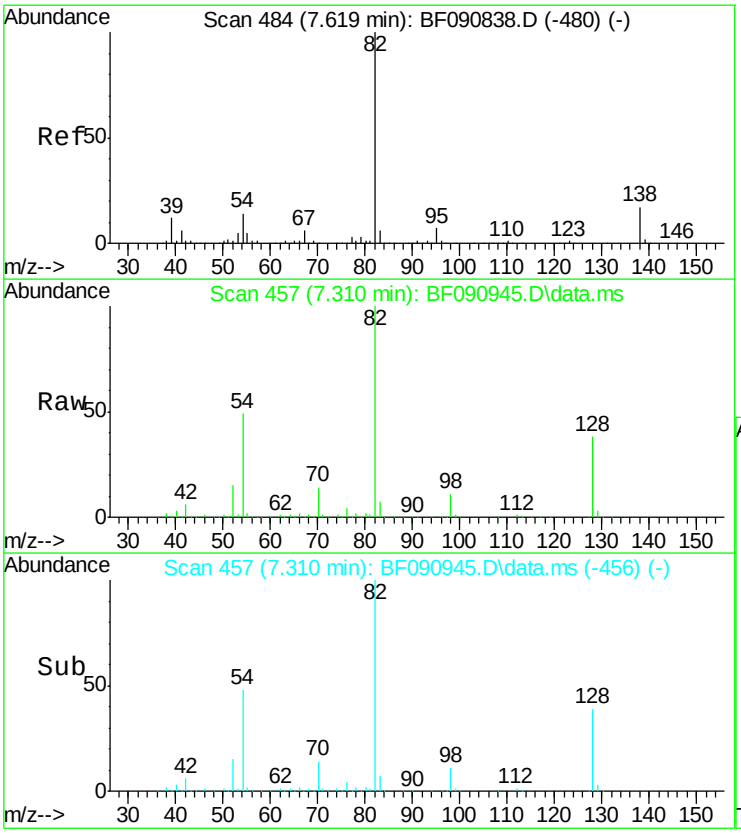
#23
Nitrobenzene-d5
Concen: 87.10 ng
RT: 7.310 min Scan# 45
Delta R.T. -0.023 min
Lab File: BF090945.D
Acq: 31 Oct 2016 23:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 800113

Ion	Ratio	Lower	Upper
82	100		
128	38.0	51.0	76.6#
54	49.1	47.5	71.3

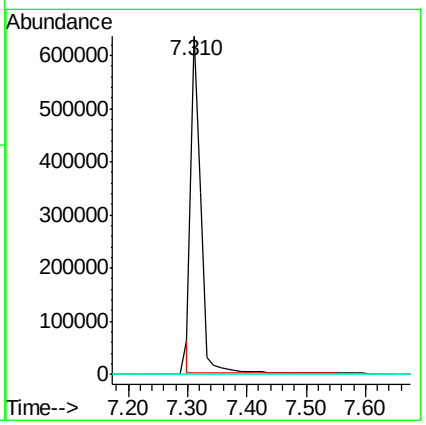


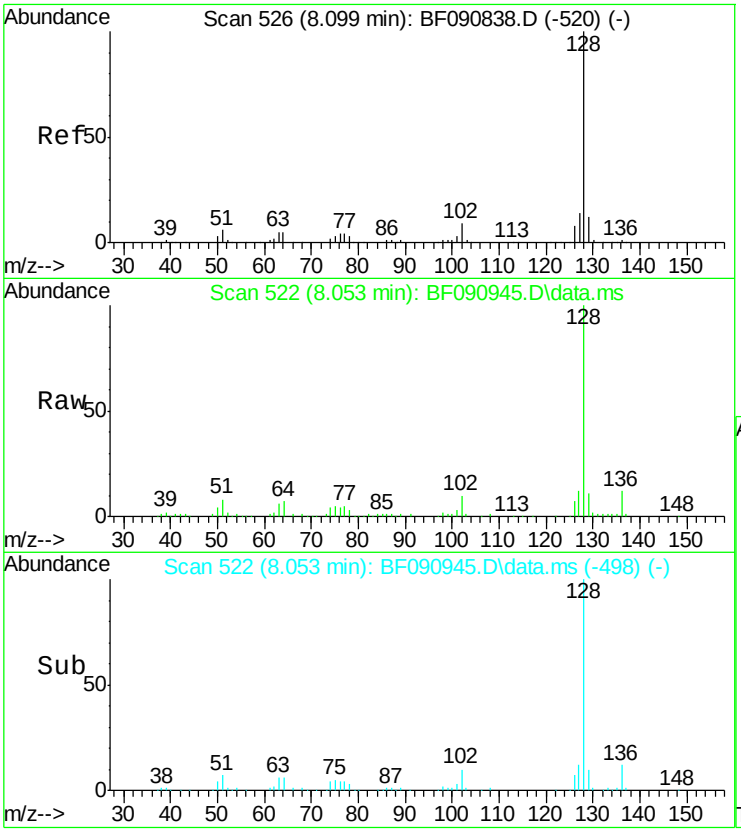


#25
Isophorone
Concen: 39.20 ng
RT: 7.310 min Scan# 457
Delta R.T. -0.286 min
Lab File: BF090945.D
Acq: 31 Oct 2016 23:00

Tgt Ion: 82 Resp: 730760

Ion	Ratio	Lower	Upper
82	100		
95	0.0	4.0	6.0#
138	0.0	18.3	27.5#



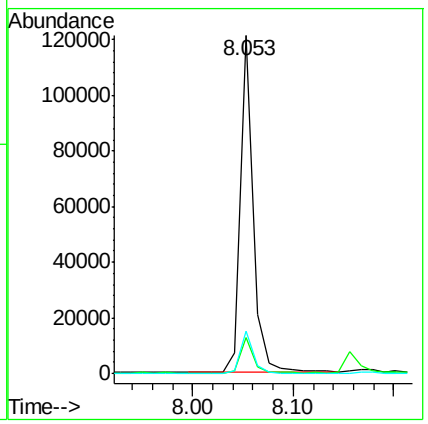


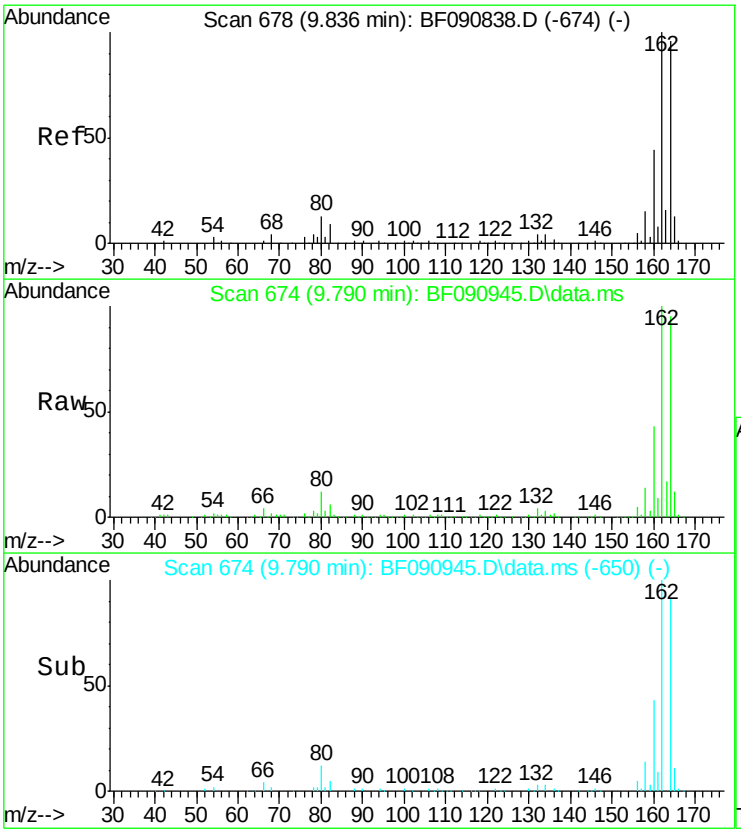
#31
Naphthalene
Concen: 3.83 ng
RT: 8.053 min Scan# 52
Delta R.T. -0.023 min
Lab File: BF090945.D
Acq: 31 Oct 2016 23:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 107559

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.4	12.6
127	12.5	9.9	14.9

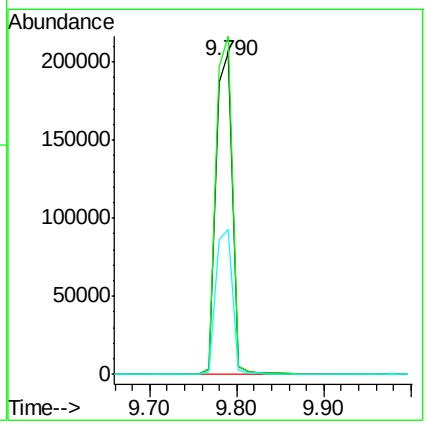


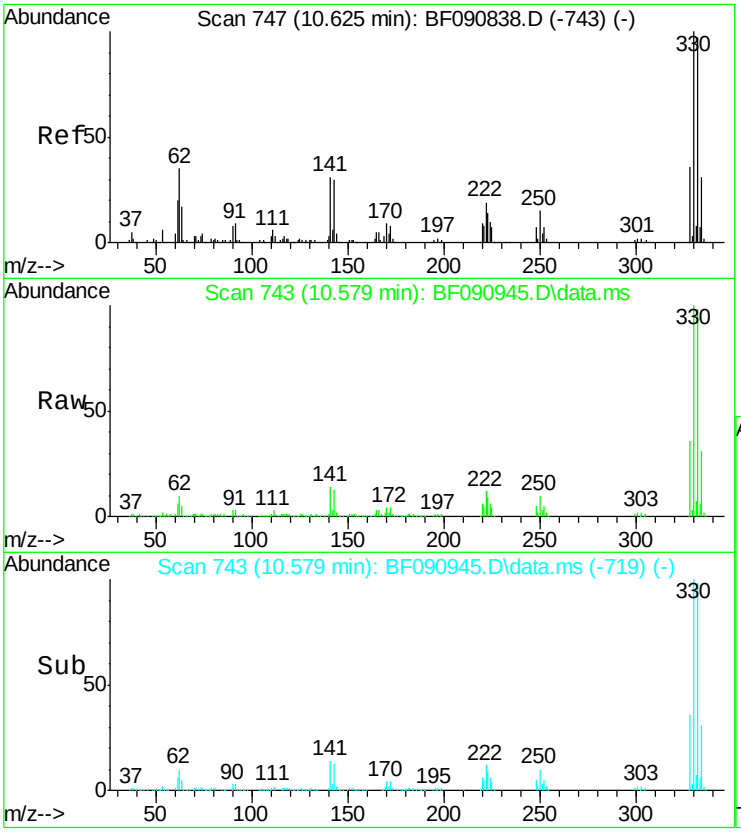


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.790 min Scan# 674
Delta R.T. -0.023 min
Lab File: BF090945.D
Acq: 31 Oct 2016 23:00

Tgt Ion:164 Resp: 279836

Ion	Ratio	Lower	Upper
164	100		
162	105.0	75.2	112.8
160	45.0	31.5	47.3



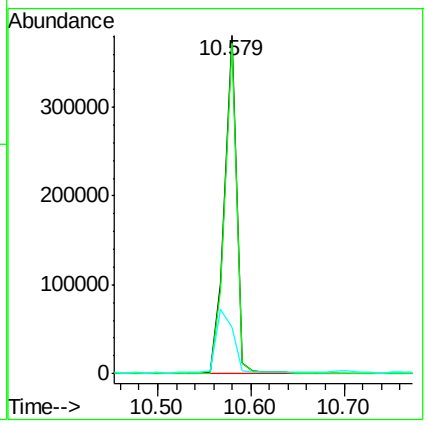


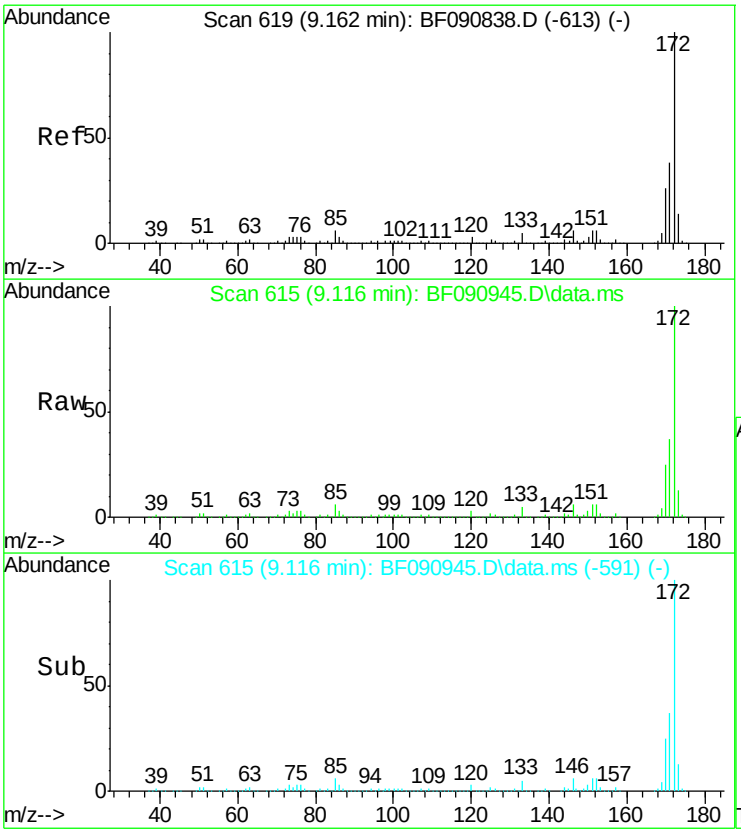
#41
2,4,6-Tribromophenol
Concen: 120.74 ng
RT: 10.579 min Scan# 74
Delta R.T. -0.023 min
Lab File: BF090945.D
Acq: 31 Oct 2016 23:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 347221

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	114.8
141	26.3	29.7	44.5#

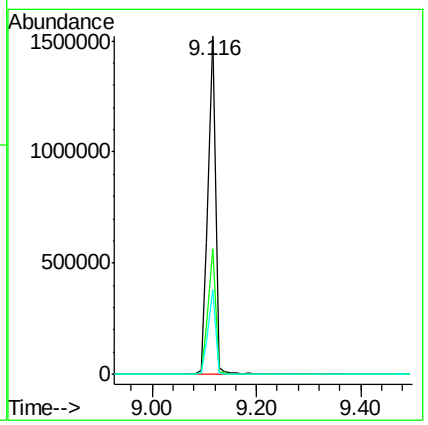


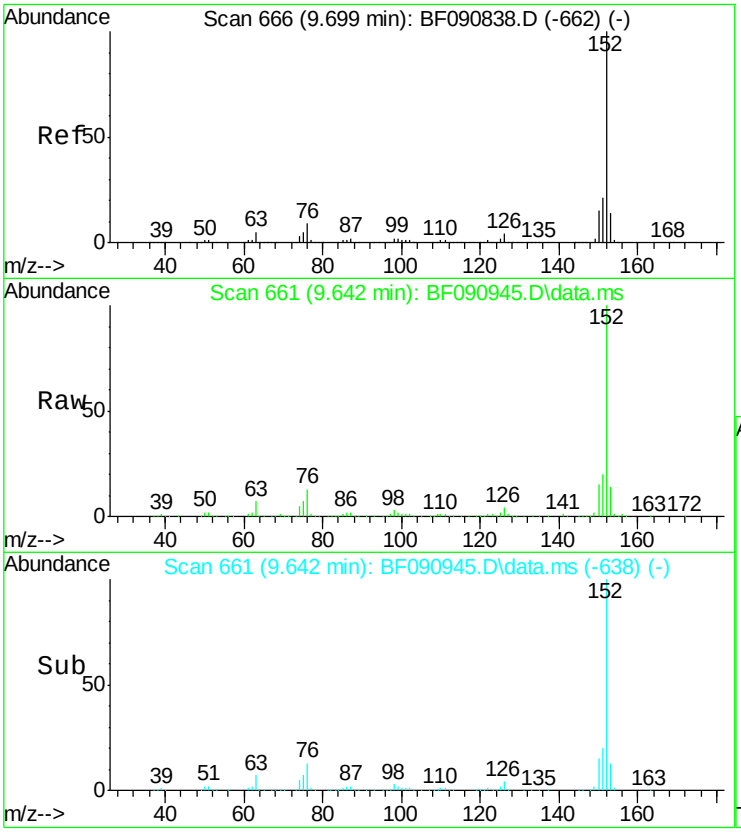


#44
2-Fluorobiphenyl
Concen: 95.17 ng
RT: 9.116 min Scan# 615
Delta R.T. -0.023 min
Lab File: BF090945.D
Acq: 31 Oct 2016 23:00

Tgt Ion:172 Resp: 1516595

Ion	Ratio	Lower	Upper
172	100		
171	37.0	26.1	39.1
170	25.2	17.4	26.2



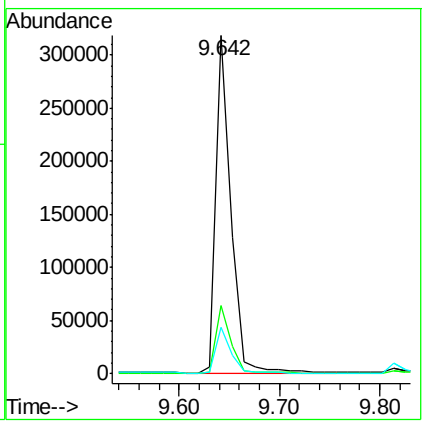


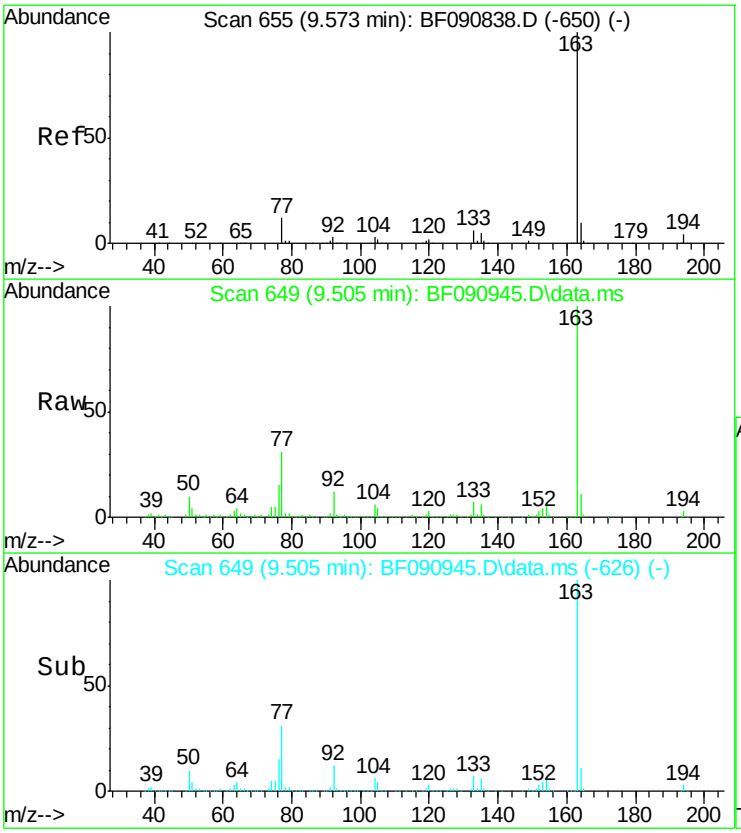
#48
Acenaphthylene
Concen: 14.17 ng
RT: 9.642 min Scan# 66
Delta R.T. -0.034 min
Lab File: BF090945.D
Acq: 31 Oct 2016 23:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 328982

Ion	Ratio	Lower	Upper
152	100		
151	20.2	14.6	22.0
153	13.7	10.3	15.5

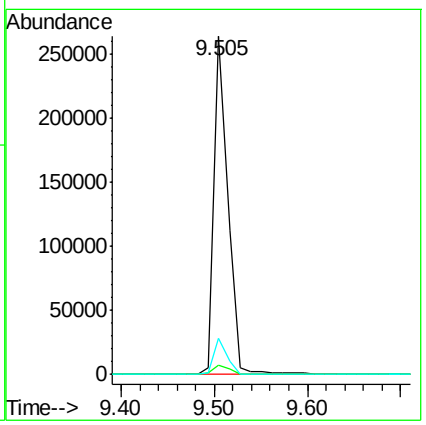


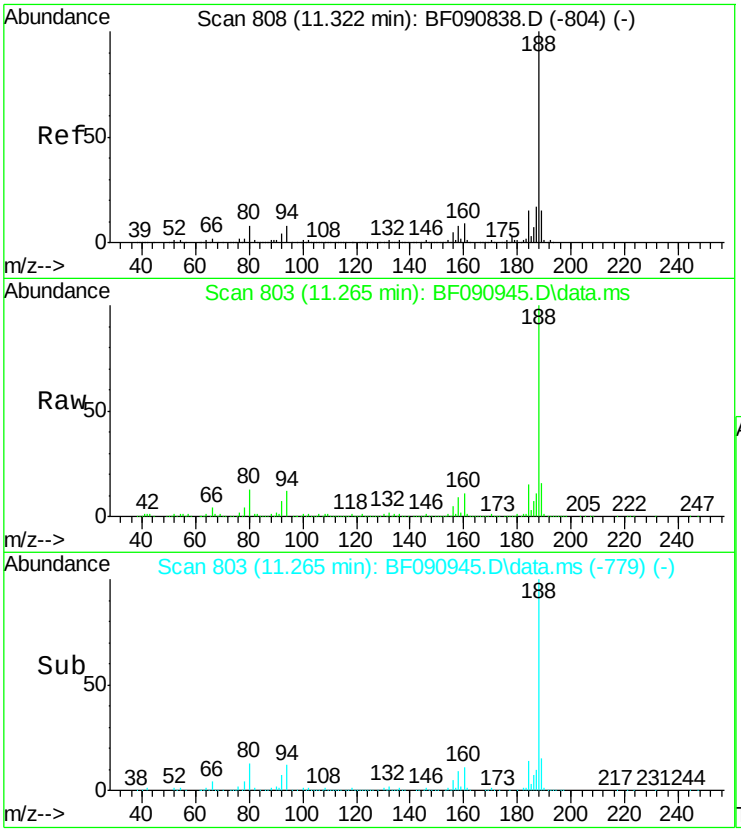


#49
Dimethylphthalate
Concen: 14.47 ng
RT: 9.505 min Scan# 649
Delta R.T. -0.034 min
Lab File: BF090945.D
Acq: 31 Oct 2016 23:00

Tgt Ion:163 Resp: 270518

Ion	Ratio	Lower	Upper
163	100		
194	2.7	4.4	6.6#
164	10.5	8.3	12.5



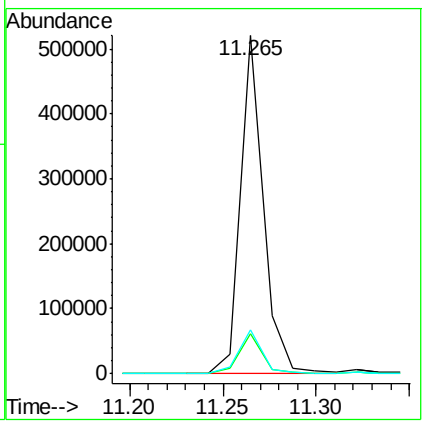


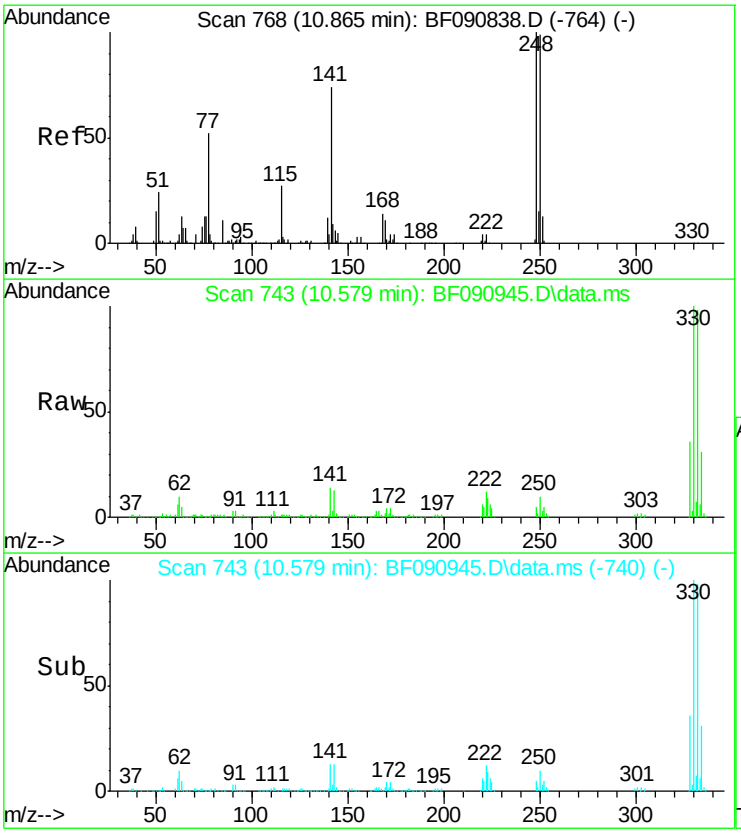
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.265 min Scan# 80
Delta R.T. -0.023 min
Lab File: BF090945.D
Acq: 31 Oct 2016 23:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 448023

Ion	Ratio	Lower	Upper
188	100		
94	11.9	11.1	16.7
80	12.9	11.0	16.4

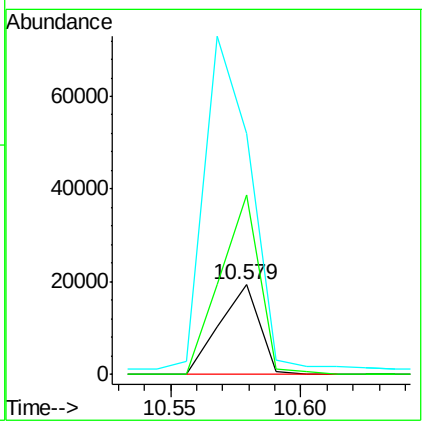


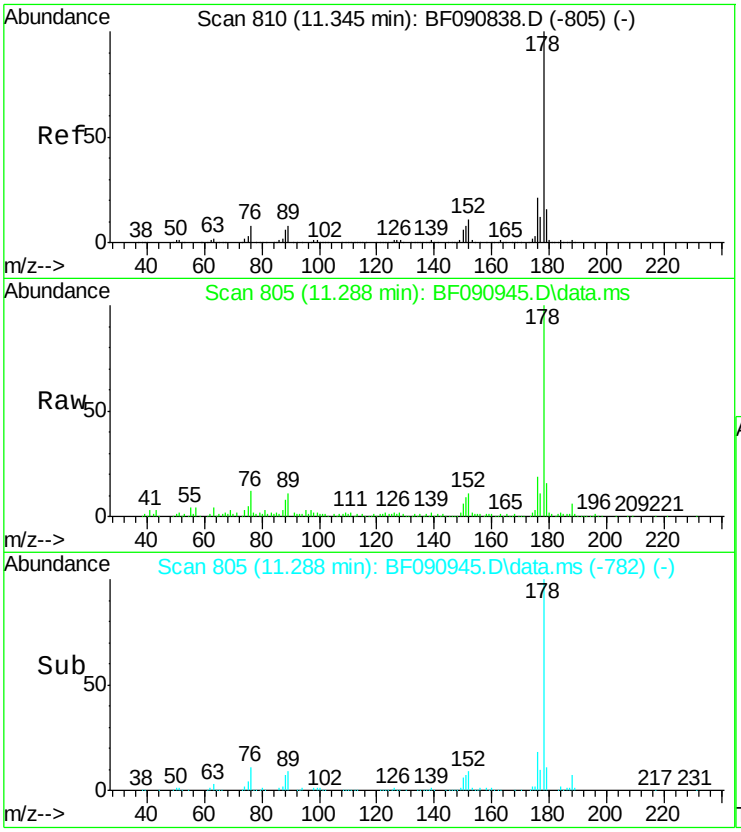


#66
4-Bromophenyl-phenylether
Concen: 4.20 ng
RT: 10.579 min Scan# 743
Delta R.T. -0.263 min
Lab File: BF090945.D
Acq: 31 Oct 2016 23:00

Tgt Ion:248 Resp: 20606

Ion	Ratio	Lower	Upper
248	100		
250	200.8	78.5	117.7#
141	270.7	59.0	88.6#



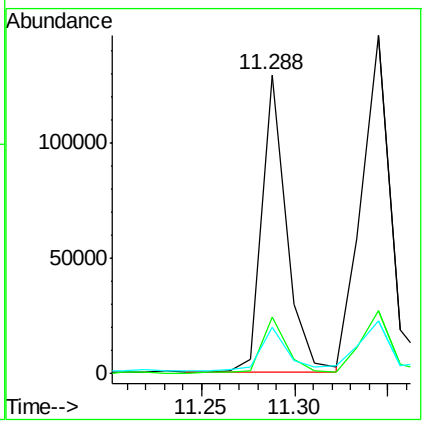


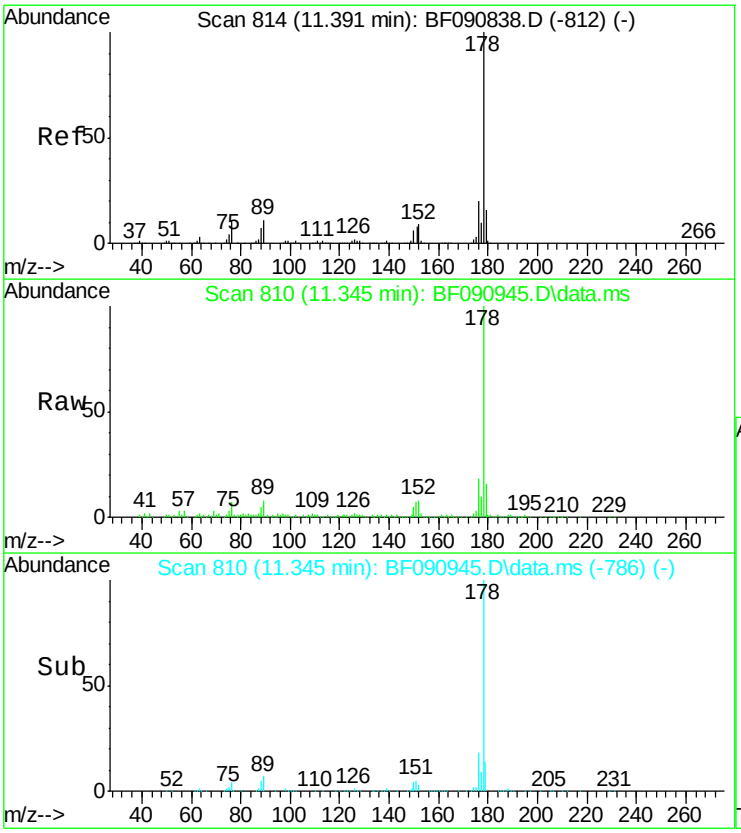
#70
Phenanthrene
Concen: 5.14 ng
RT: 11.288 min Scan# 80
Delta R.T. -0.034 min
Lab File: BF090945.D
Acq: 31 Oct 2016 23:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 117352

Ion	Ratio	Lower	Upper
178	100		
176	19.0	13.8	20.8
179	15.5	12.2	18.2

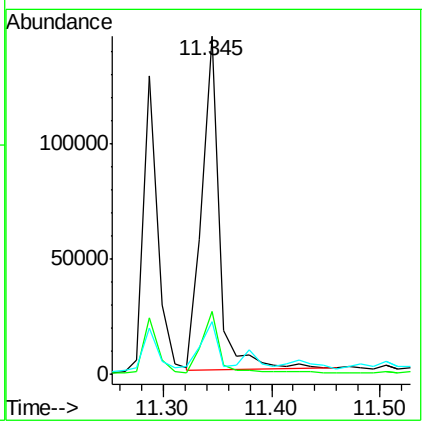


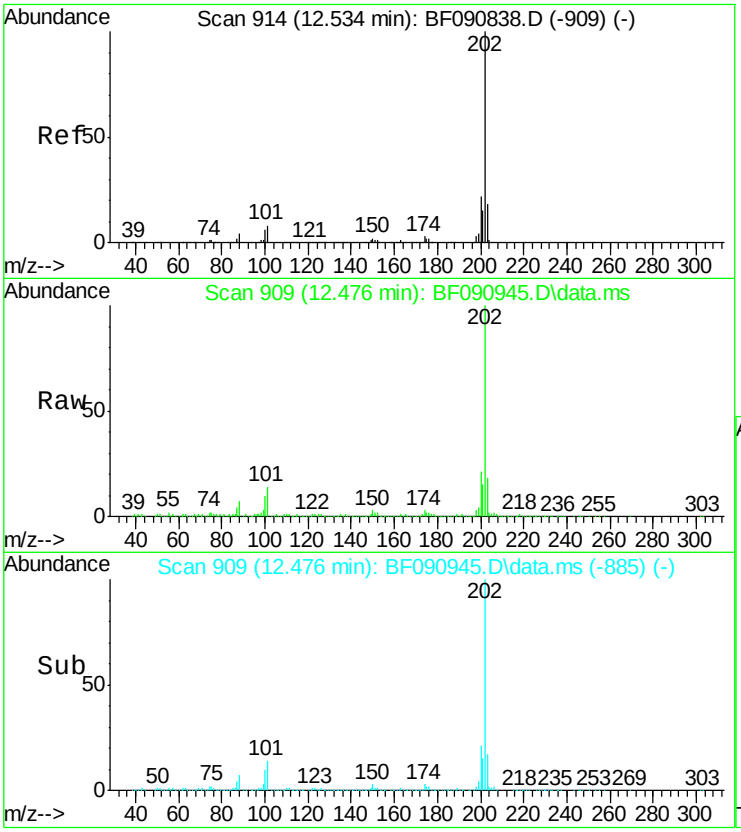


#71
Anthracene
Concen: 6.81 ng
RT: 11.345 min Scan# 810
Delta R.T. -0.023 min
Lab File: BF090945.D
Acq: 31 Oct 2016 23:00

Tgt Ion:178 Resp: 163714

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.1	21.1
179	15.7	12.2	18.2



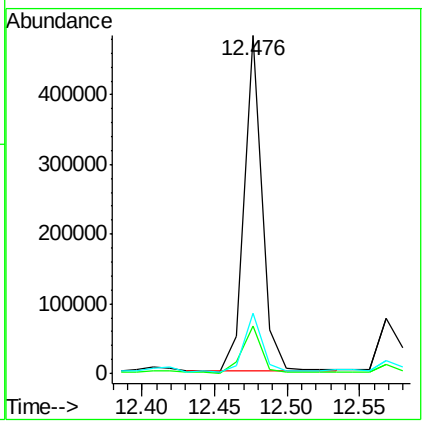


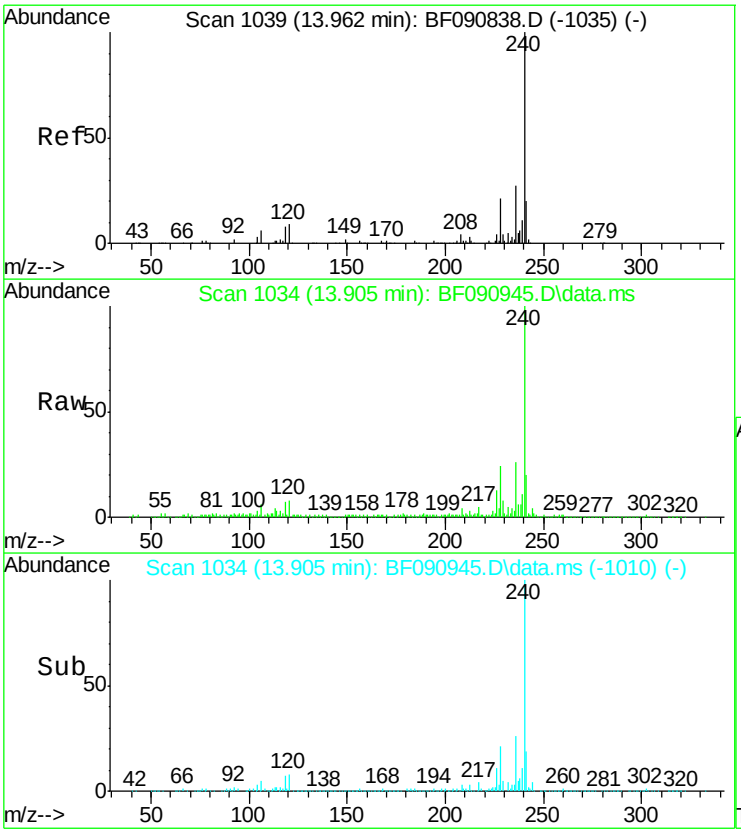
#74
Fluoranthene
Concen: 16.54 ng
RT: 12.476 min Scan# 90
Delta R.T. -0.023 min
Lab File: BF090945.D
Acq: 31 Oct 2016 23:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 413148

Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	38.3
203	17.7	0.0	37.3

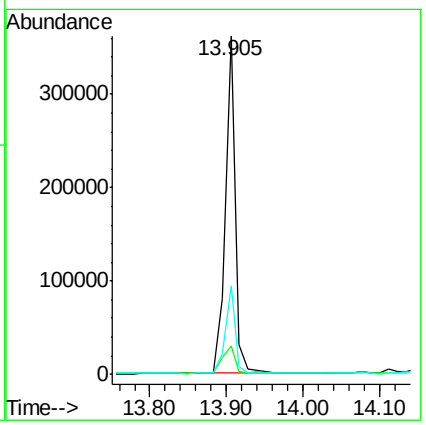


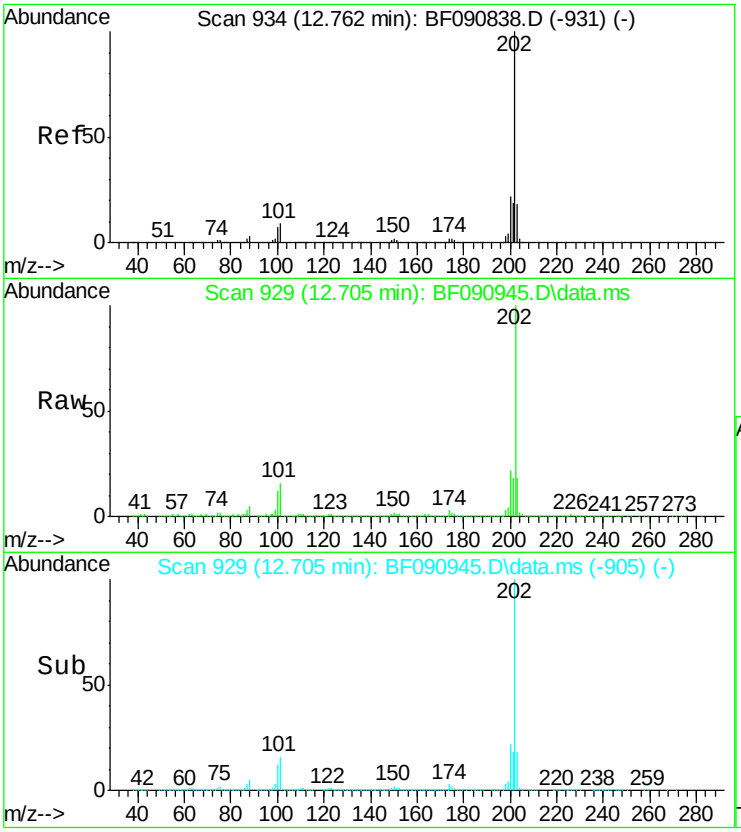


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.905 min Scan# 1034
Delta R.T. -0.023 min
Lab File: BF090945.D
Acq: 31 Oct 2016 23:00

Tgt Ion:240 Resp: 336793

Ion	Ratio	Lower	Upper
240	100		
120	8.4	16.2	24.2#
236	26.3	18.4	27.6



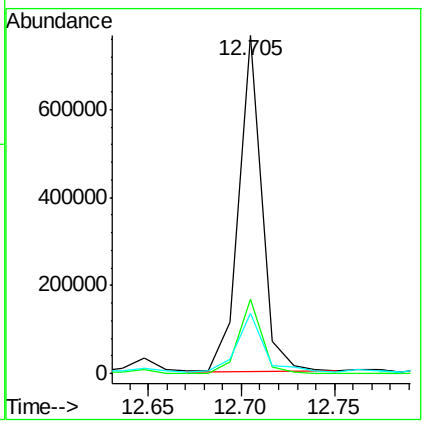


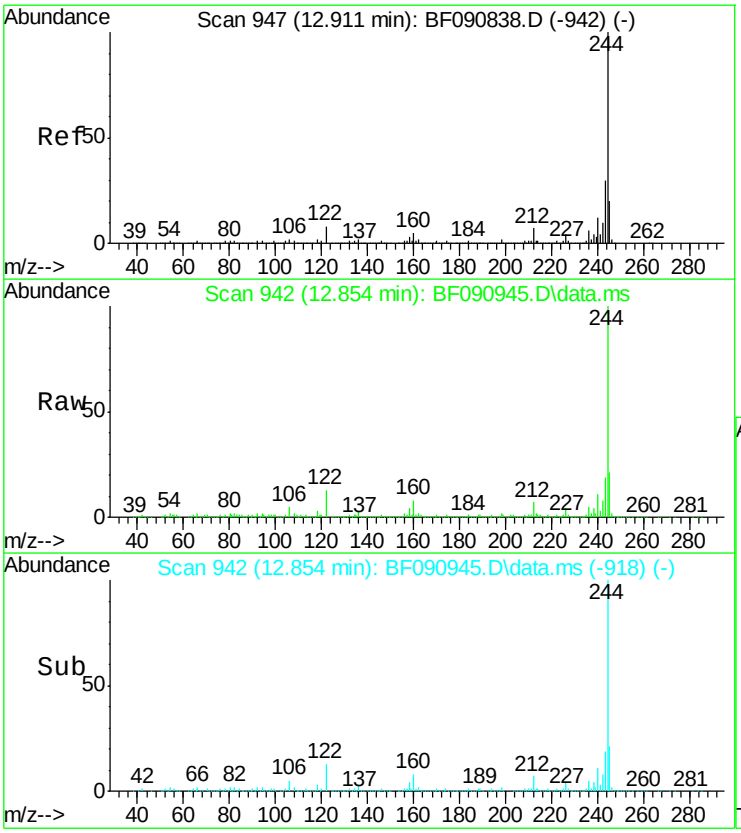
#77
Pyrene
Concen: 30.97 ng
RT: 12.705 min Scan# 92
Delta R.T. -0.023 min
Lab File: BF090945.D
Acq: 31 Oct 2016 23:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 660003

Ion	Ratio	Lower	Upper
202	100		
200	22.1	15.0	22.4
203	17.9	14.1	21.1

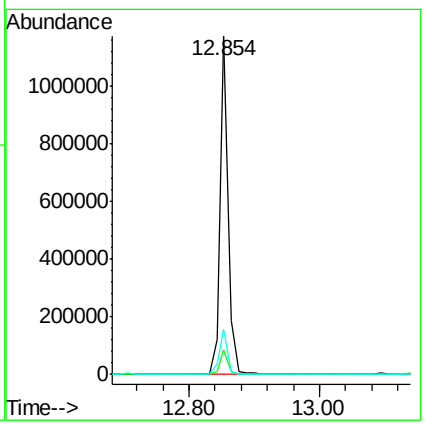


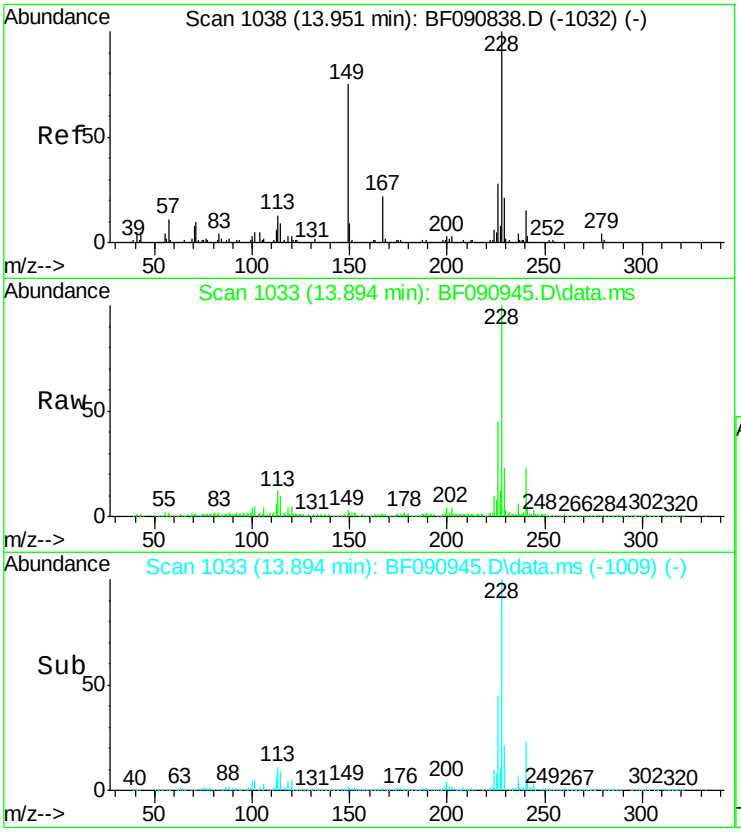


#78
Terphenyl-d14
Concen: 77.81 ng
RT: 12.854 min Scan# 942
Delta R.T. -0.023 min
Lab File: BF090945.D
Acq: 31 Oct 2016 23:00

Tgt Ion:244 Resp: 1040207

Ion	Ratio	Lower	Upper
244	100		
212	7.2	4.3	6.5#
122	13.3	17.4	26.2#



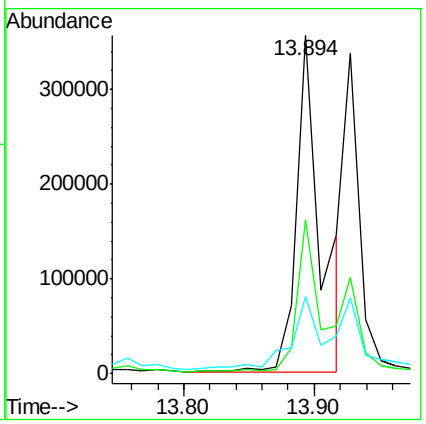


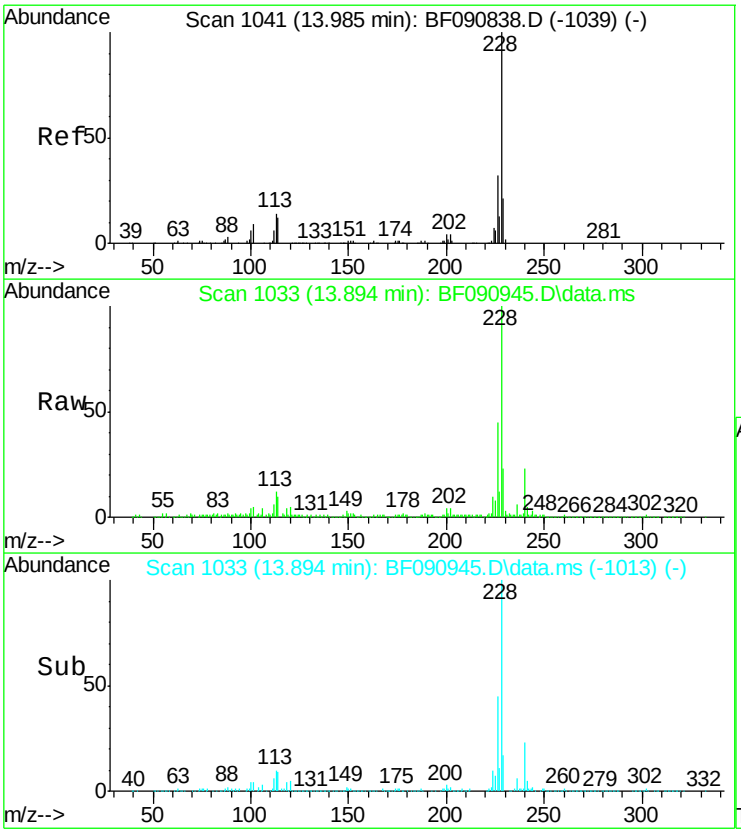
#80
Benzo(a)anthracene
Concen: 25.65 ng
RT: 13.894 min Scan# 10
Delta R.T. -0.023 min
Lab File: BF090945.D
Acq: 31 Oct 2016 23:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 458451

Ion	Ratio	Lower	Upper
228	100		
226	45.4	20.0	30.0#
229	22.7	15.4	23.2

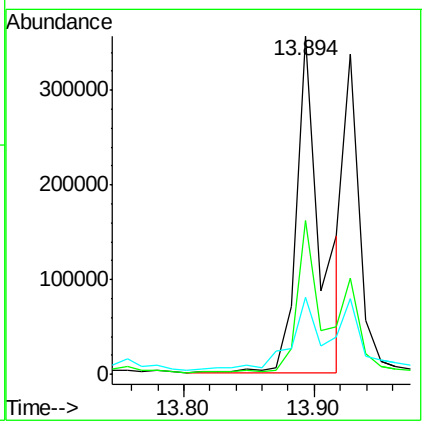


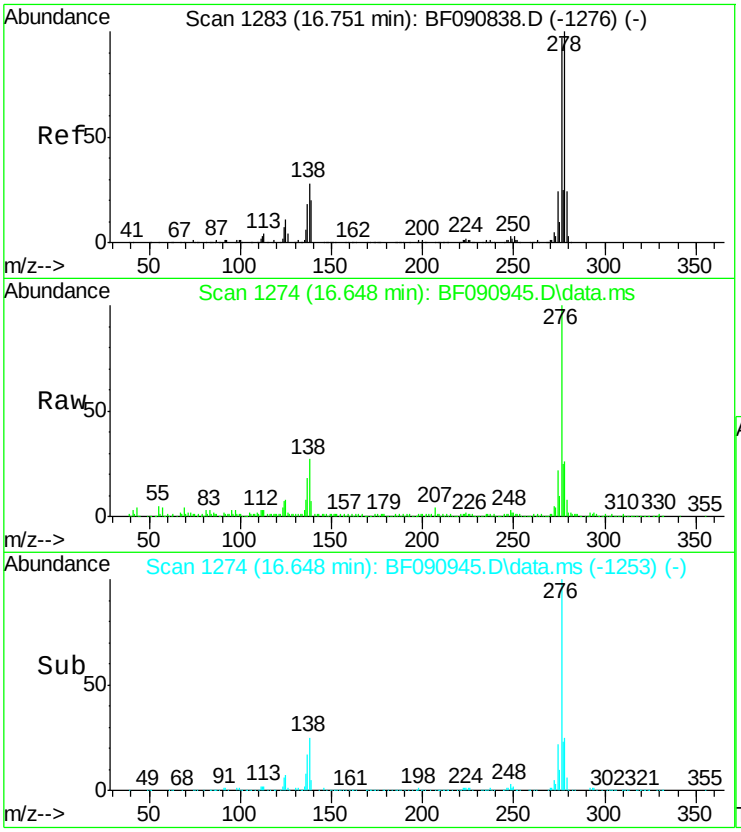


#82
Chrysene
Concen: 25.36 ng
RT: 13.894 min Scan# 1033
Delta R.T. -0.068 min
Lab File: BF090945.D
Acq: 31 Oct 2016 23:00

Tgt Ion:228 Resp: 458451

Ion	Ratio	Lower	Upper
228	100		
226	45.4	21.0	31.4#
229	22.7	15.6	23.4



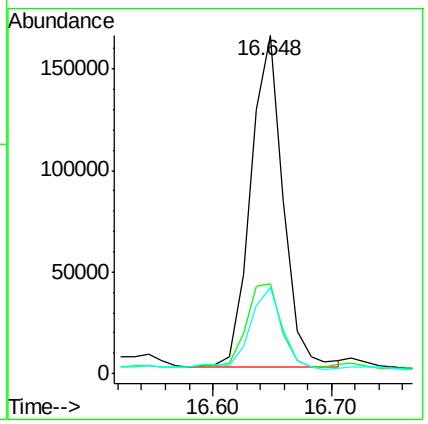


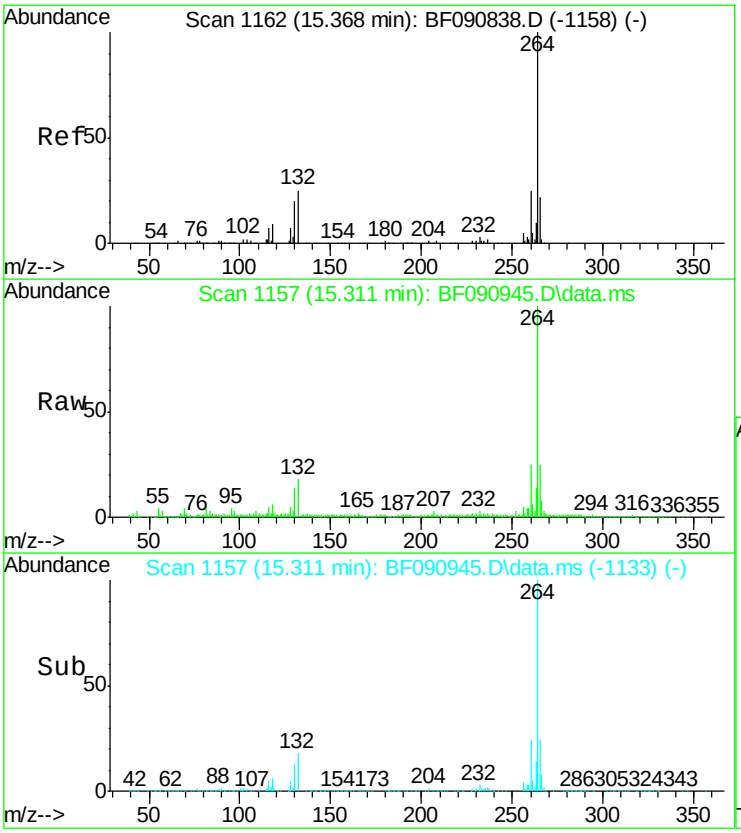
#85
Indeno(1,2,3-cd)pyrene
Concen: 19.34 ng
RT: 16.648 min Scan# 12
Delta R.T. -0.057 min
Lab File: BF090945.D
Acq: 31 Oct 2016 23:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 309819

Ion	Ratio	Lower	Upper
276	100		
138	28.9	25.7	38.5
277	26.1	15.6	23.4#

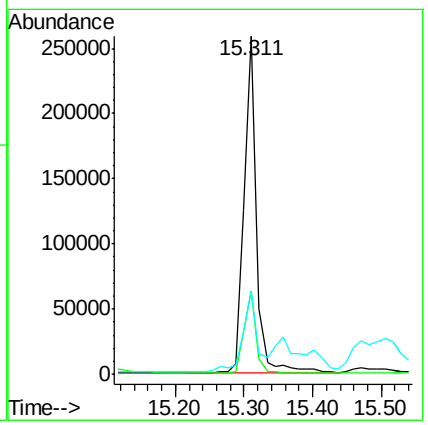


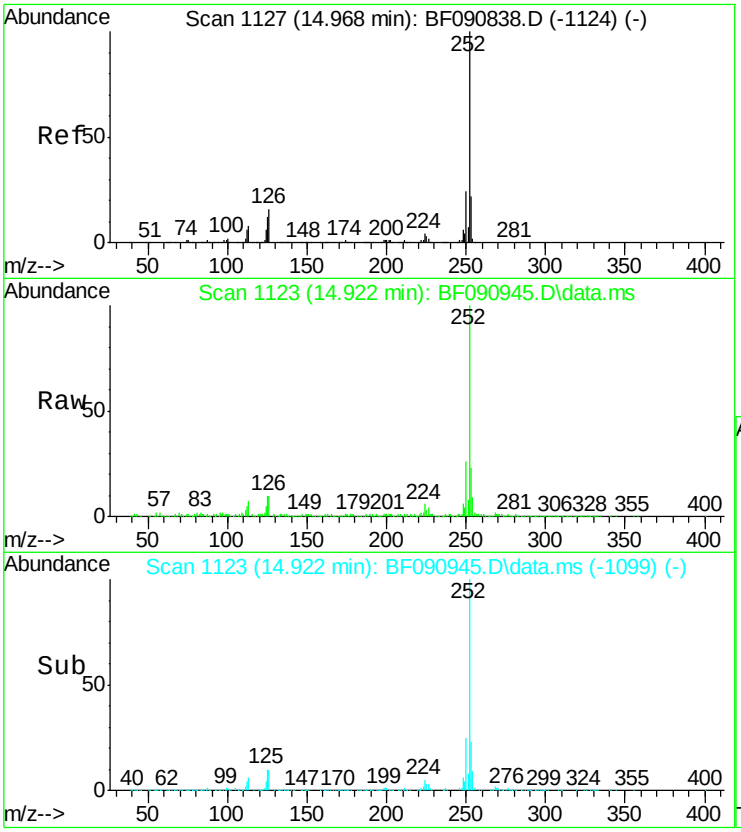


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.311 min Scan# 1157
Delta R.T. -0.023 min
Lab File: BF090945.D
Acq: 31 Oct 2016 23:00

Tgt Ion:264 Resp: 329511

Ion	Ratio	Lower	Upper
264	100		
260	24.7	16.7	25.1
265	24.8	17.2	25.8



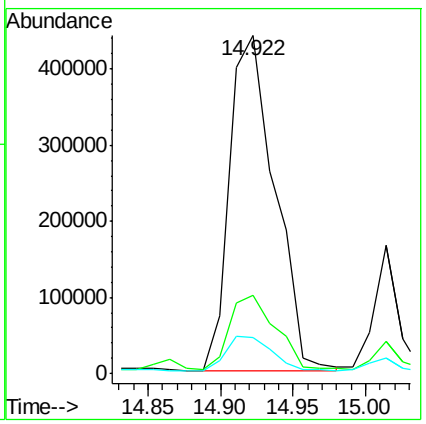


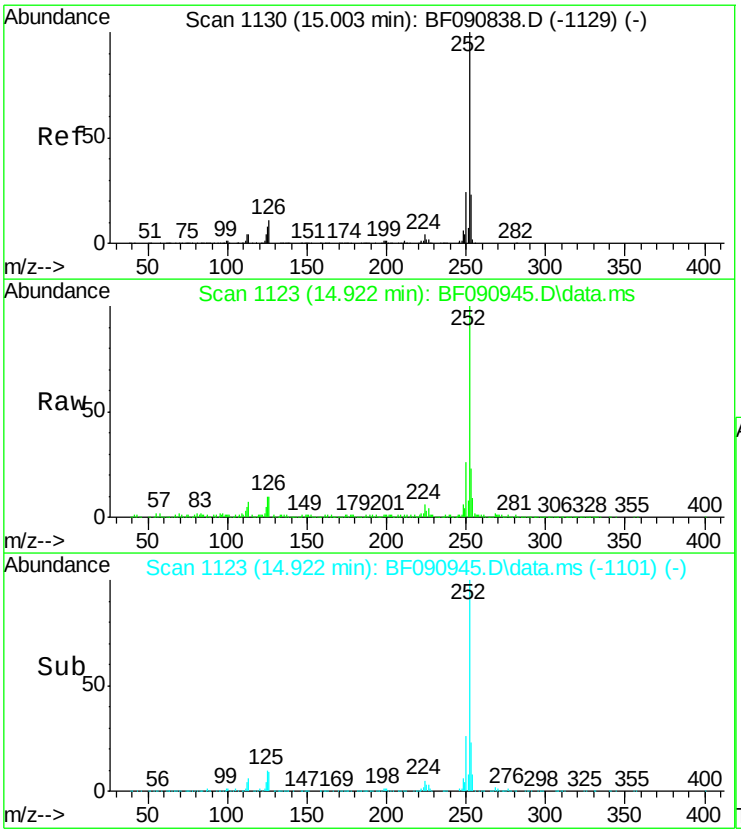
#87
Benzo(b)fluoranthene
Concen: 42.89 ng
RT: 14.922 min Scan# 11
Delta R.T. -0.023 min
Lab File: BF090945.D
Acq: 31 Oct 2016 23:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 950402

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	10.5	17.1	25.7#

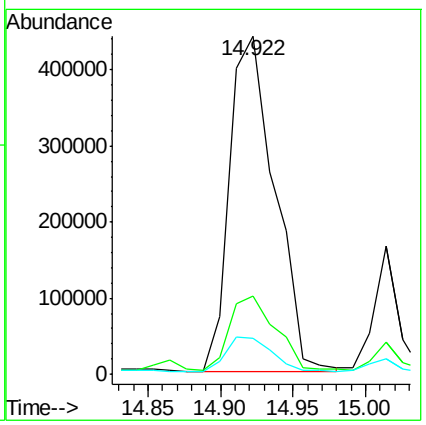


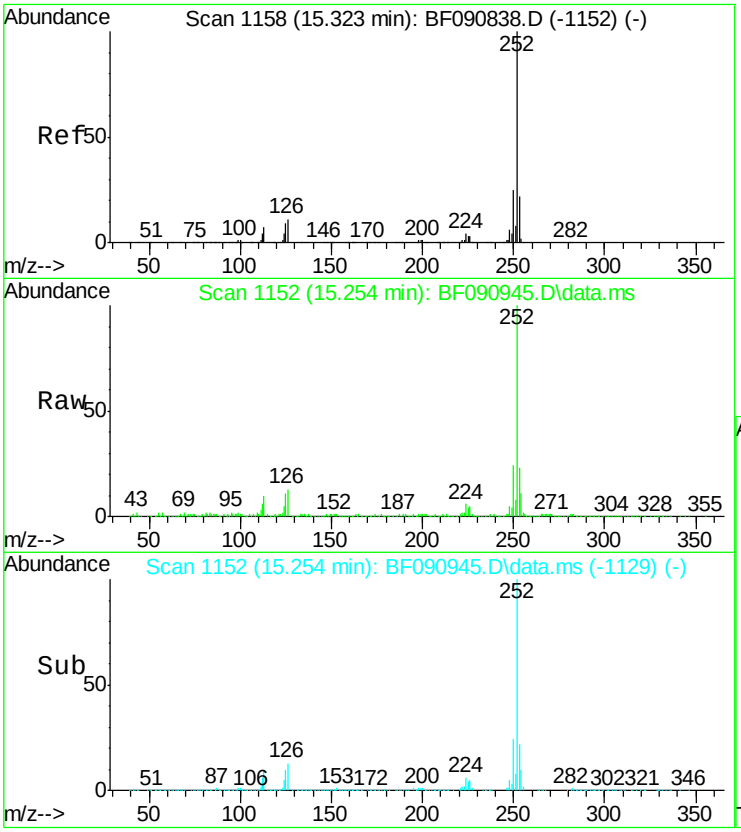


#88
Benzo(k)fluoranthene
Concen: 54.28 ng
RT: 14.922 min Scan# 1123
Delta R.T. -0.046 min
Lab File: BF090945.D
Acq: 31 Oct 2016 23:00

Tgt Ion:252 Resp: 950402

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.4
125	10.5	16.0	24.0#



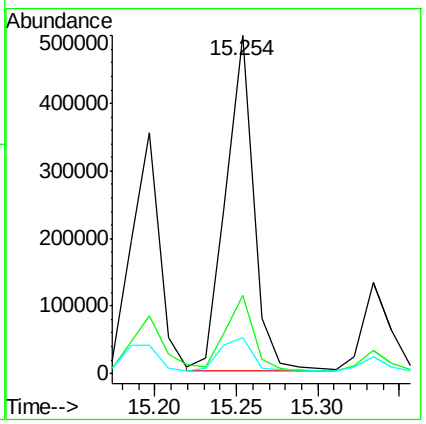


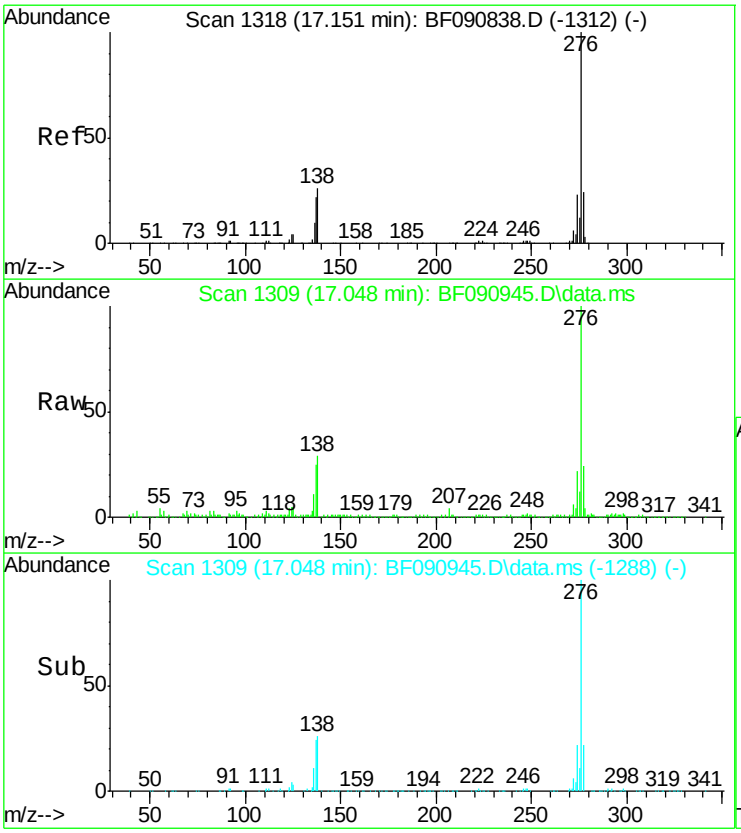
#89
Benzo(a)pyrene
Concen: 30.70 ng
RT: 15.254 min Scan# 11
Delta R.T. -0.034 min
Lab File: BF090945.D
Acq: 31 Oct 2016 23:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 584547

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	10.6	18.0	27.0#





#91
Benzo(g,h,i)perylene
Concen: 21.73 ng
RT: 17.048 min Scan# 1309
Delta R.T. -0.057 min
Lab File: BF090945.D
Acq: 31 Oct 2016 23:00

Tgt Ion:276 Resp: 329827

Ion	Ratio	Lower	Upper
276	100		
277	23.8	17.8	26.6
138	29.0	34.6	51.8#