Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF100716\
Data File : BF090444.D
Acq On : 7 Oct 2016 14:28
Operator : UM/SJ
Sample : H5110-03RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 07 16:14:20 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 14:57:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.989	152	232395	20.00	ng		-0.01
21) Naphthalene-d8	8.269	136	935461	20.00	ng		-0.02
38) Acenaphthene-d10	10.041	164	502489	20.00	ng		-0.01
63) Phenanthrene-d10	11.526	188	833056	20.00	ng		-0.02
75) Chrysene-d12	14.178	240	541976	20.00	ng		-0.02
86) Perylene-d12	15.675	264	424843	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.594	112	1960459	125.90	ng		-0.01
7) Phenol-d6	6.612	99	2534093	124.26	ng		-0.01
23) Nitrobenzene-d5	7.549	82	1684705	87.60	ng		-0.02
41) 2,4,6-Tribromophenol	10.829	330	655527	160.44	ng		-0.02
44) 2-Fluorobiphenyl	9.355	172	2381193	78.96	ng		-0.02
78) Terphenyl-d14	13.115	244	1855814	76.98	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	7.549	70	238806	15.97	ng	#	63
49) Dimethylphthalate	9.743	163	830623	25.81	ng		99
70) Phenanthrene	11.549	178	307921	7.22	ng		95
74) Fluoranthene	12.738	202	769336	18.39	ng		94
77) Pyrene	12.967	202	674056	18.65	ng		98
80) Benzo(a)anthracene	14.167	228	332376	10.93	ng		99
82) Chrysene	14.201	228	356822	12.75	ng		98
85) Indeno(1,2,3-cd)pyrene	17.173	276	155228	7.78	ng		98
87) Benzo(b)fluoranthene	15.230	252	557765	20.61	ng	#	94
88) Benzo(k)fluoranthene	15.230	252	557765	21.94	ng		98
89) Benzo(a)pyrene	15.607	252	248534	10.66	ng	#	98
91) Benzo(g,h,i)perylene	17.630	276	141193	7.41	ng		99

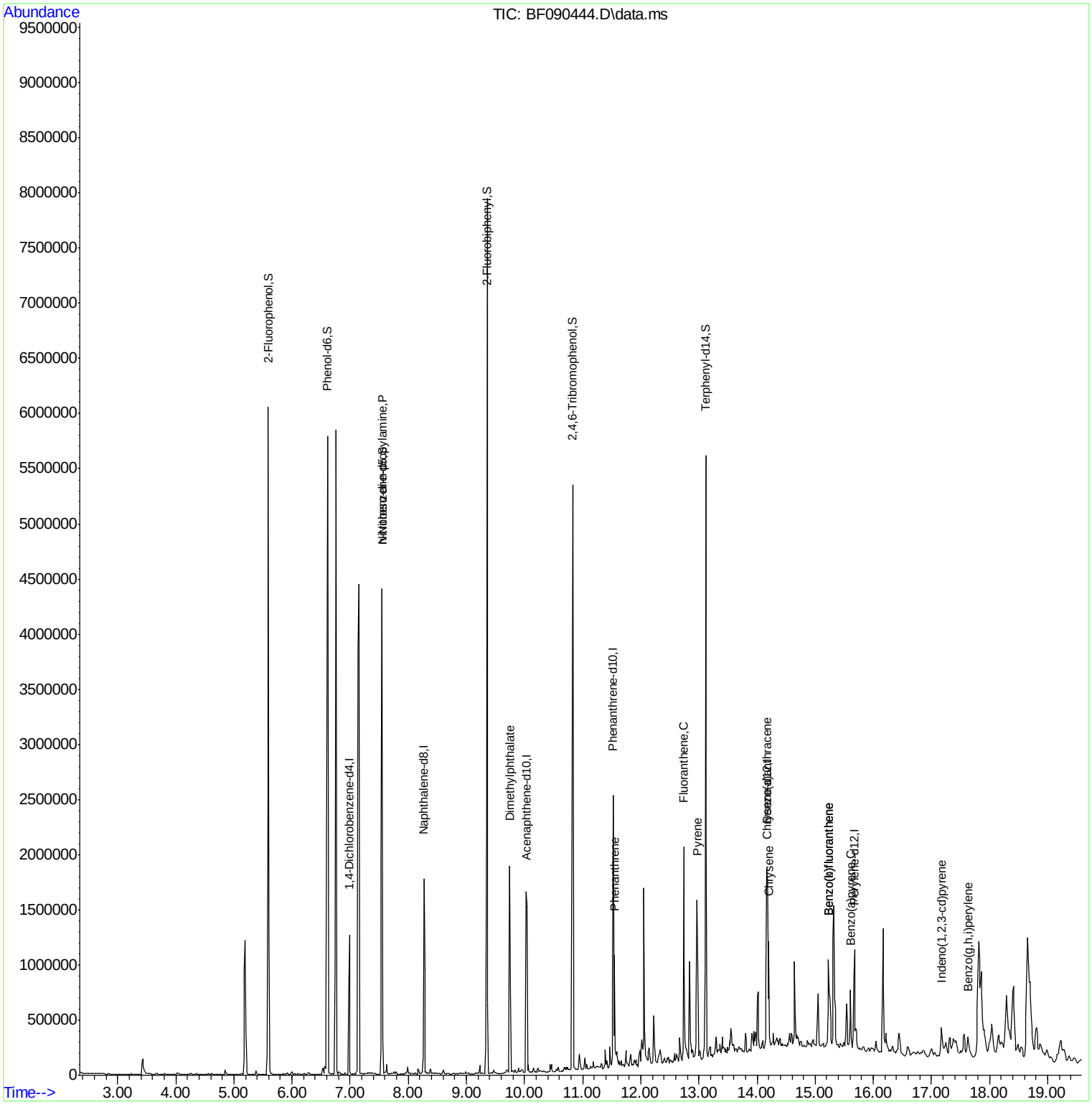
(#) = qualifier out of range (m) = manual integration (+) = signals summed

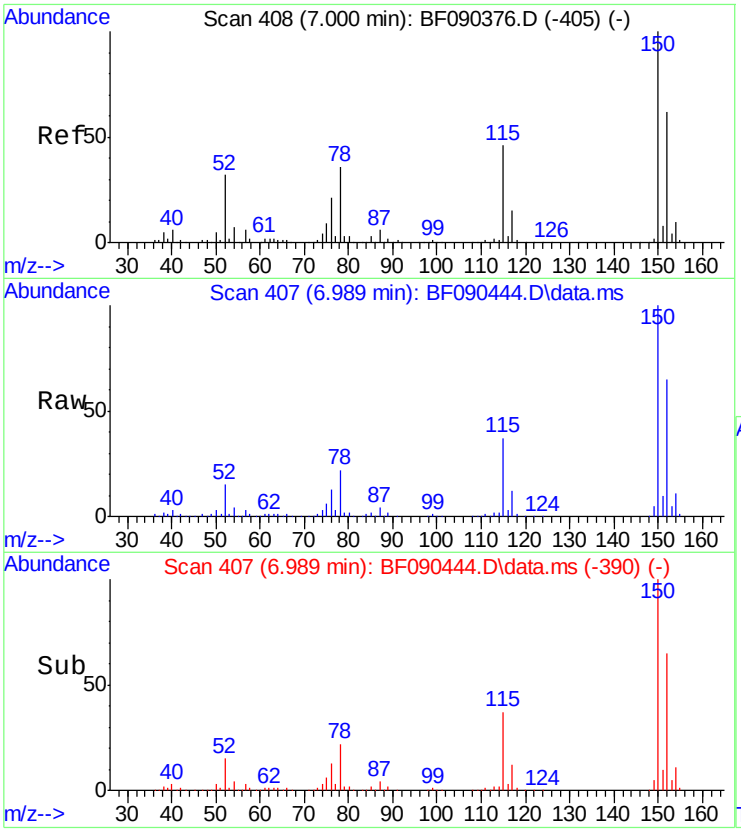
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF100716\
Data File : BF090444.D
Acq On : 7 Oct 2016 14:28
Operator : UM/SJ
Sample : H5110-03RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 07 16:14:20 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 14:57:00 2016
Response via : Initial Calibration



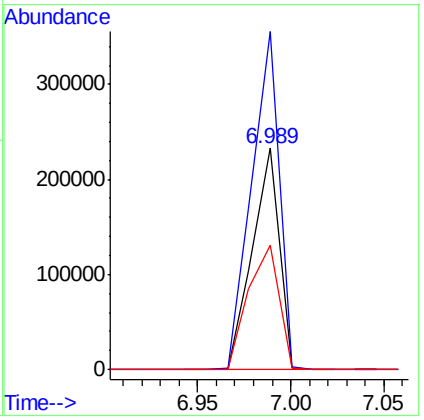


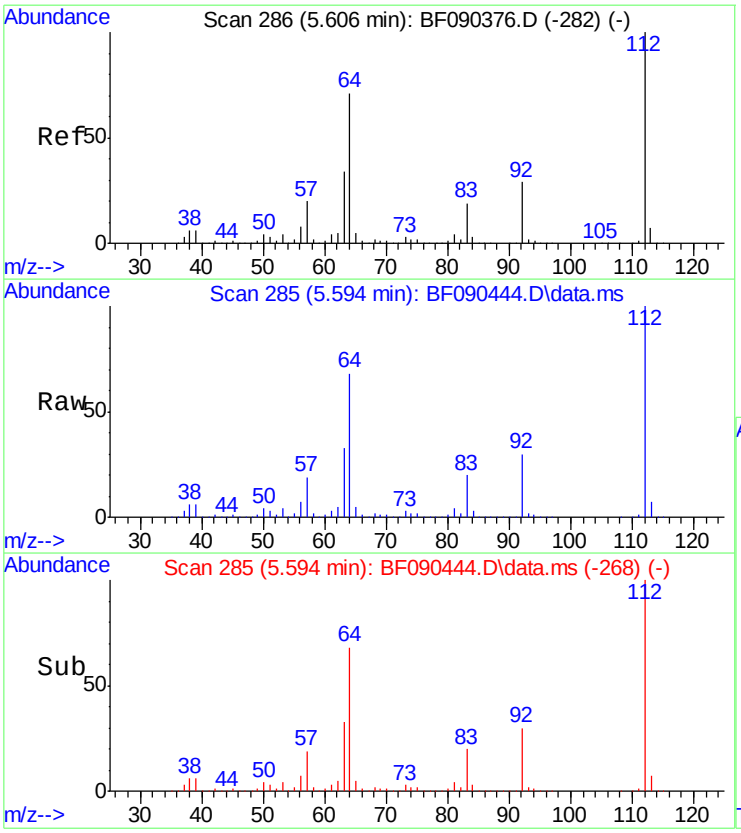
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.989 min Scan# 40
Delta R.T. -0.011 min
Lab File: BF090444.D
Acq: 7 Oct 2016 14:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 232395

Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.6	186.8
115	56.4	46.2	69.4

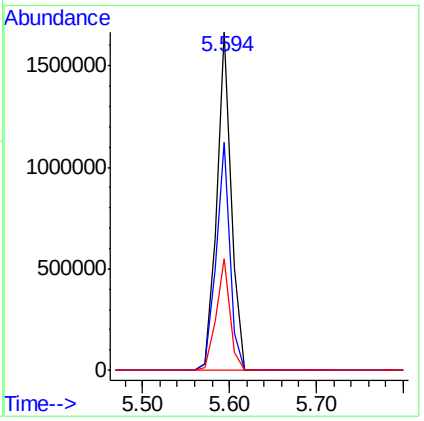


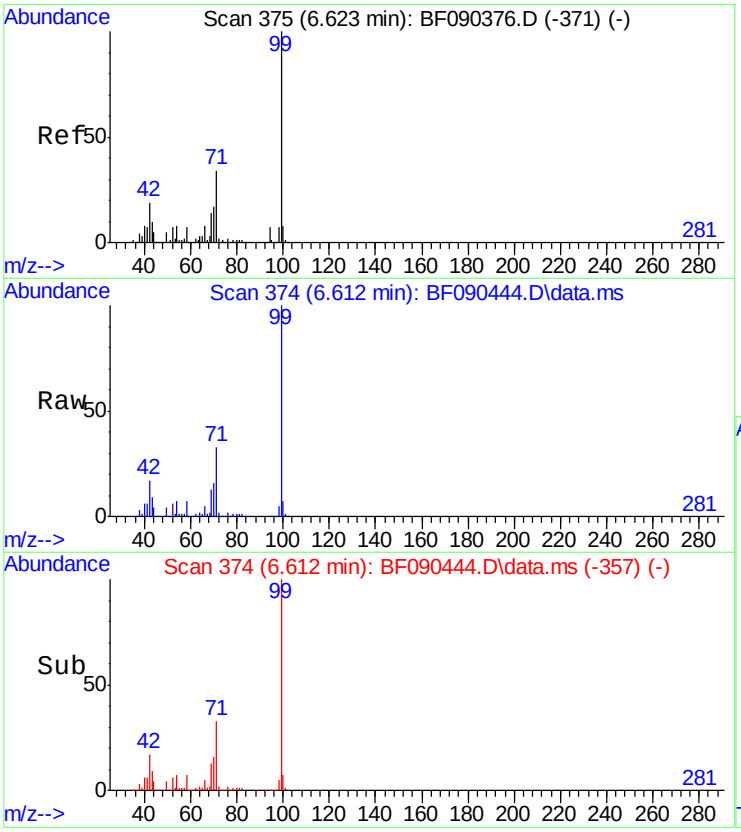


#5
2-Fluorophenol
Concen: 125.90 ng
RT: 5.594 min Scan# 285
Delta R.T. -0.011 min
Lab File: BF090444.D
Acq: 7 Oct 2016 14:28

Tgt Ion:112 Resp: 1960459

Ion	Ratio	Lower	Upper
112	100		
64	67.6	57.9	86.9
63	32.8	29.6	44.4



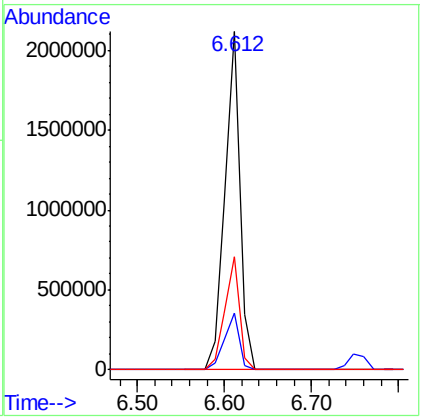


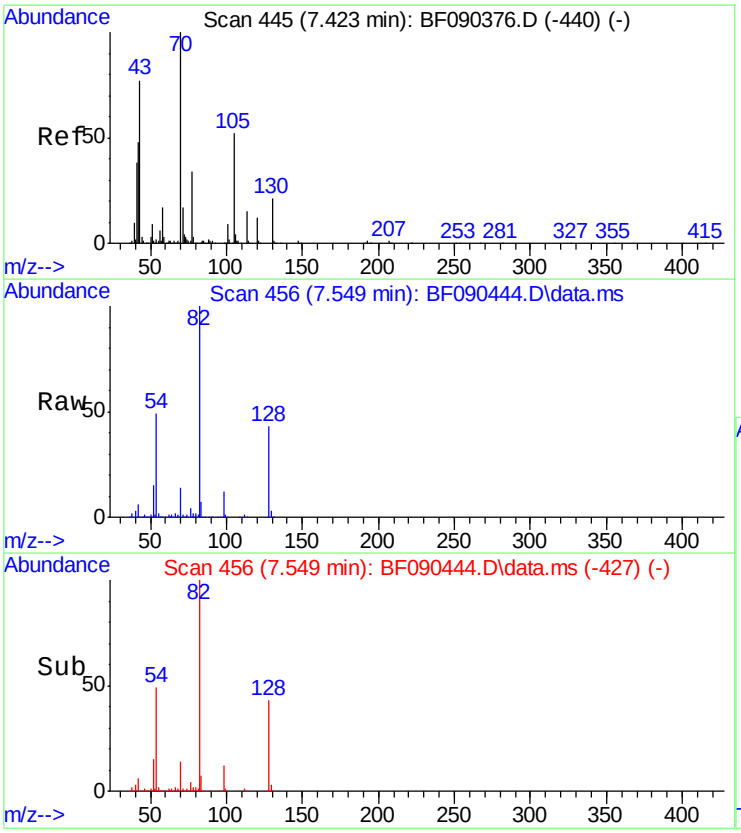
#7
Phenol-d6
Concen: 124.26 ng
RT: 6.612 min Scan# 37
Delta R.T. -0.011 min
Lab File: BF090444.D
Acq: 7 Oct 2016 14:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 2534093

Ion	Ratio	Lower	Upper
99	100		
42	16.6	20.0	30.0#
71	33.3	27.9	41.9

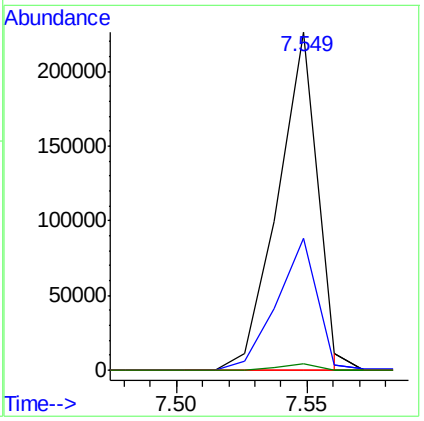


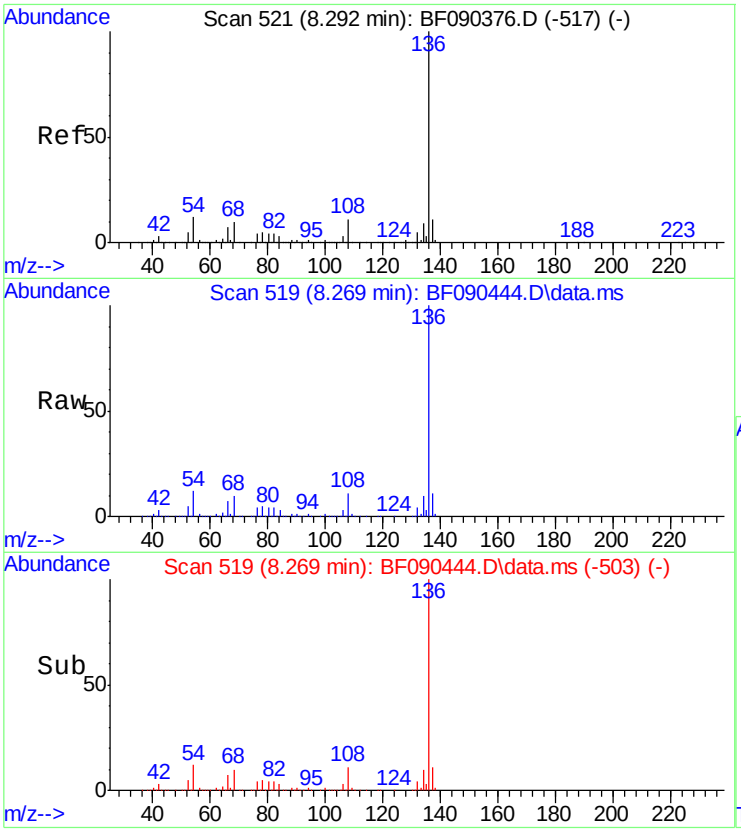


#19
n-Nitroso-di-n-propylamine
Concen: 15.97 ng
RT: 7.549 min Scan# 456
Delta R.T. 0.126 min
Lab File: BF090444.D
Acq: 7 Oct 2016 14:28

Tgt Ion: 70 Resp: 238806

Ion	Ratio	Lower	Upper
70	100		
42	39.2	55.4	83.2#
101	0.0	7.6	11.4#
130	1.9	16.5	24.7#



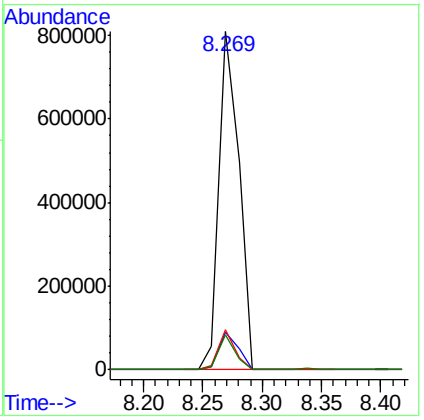


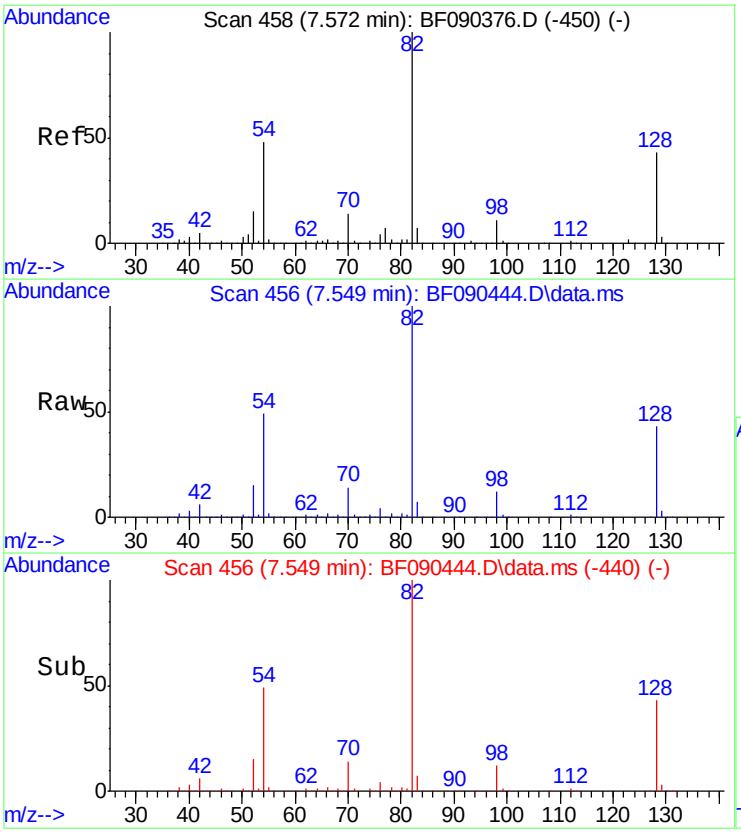
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.269 min Scan# 51
Delta R.T. -0.023 min
Lab File: BF090444.D
Acq: 7 Oct 2016 14:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 935461

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	11.7	6.6	10.0#
68	10.3	5.0	7.6#

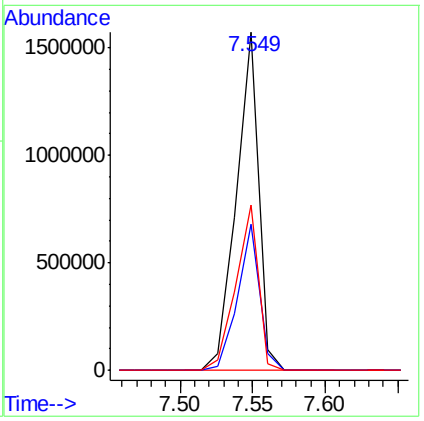


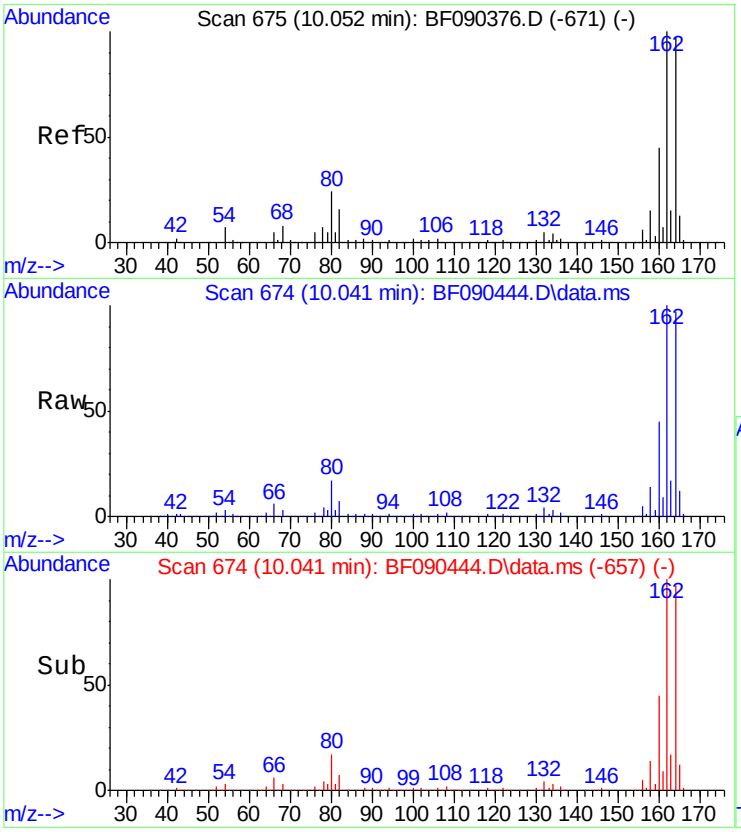


#23
Nitrobenzene-d5
Concen: 87.60 ng
RT: 7.549 min Scan# 456
Delta R.T. -0.023 min
Lab File: BF090444.D
Acq: 7 Oct 2016 14:28

Tgt Ion: 82 Resp: 1684705

Ion	Ratio	Lower	Upper
82	100		
128	43.2	40.0	60.0
54	48.7	42.6	64.0



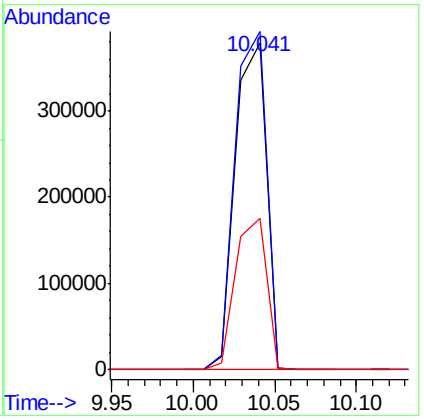


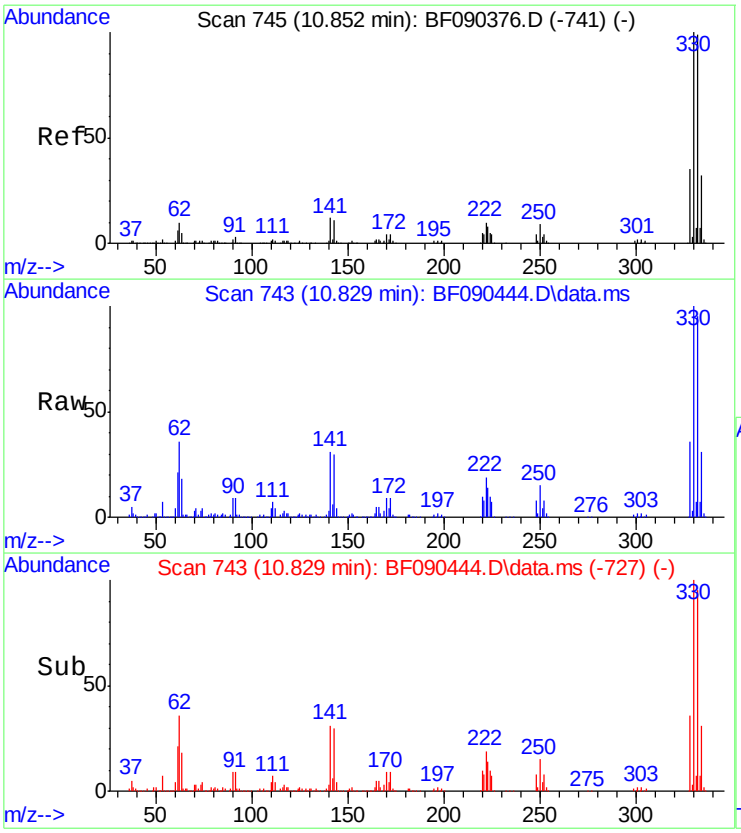
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.041 min Scan# 67
Delta R.T. -0.011 min
Lab File: BF090444.D
Acq: 7 Oct 2016 14:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 502489

Ion	Ratio	Lower	Upper
164	100		
162	103.6	80.1	120.1
160	46.3	36.3	54.5

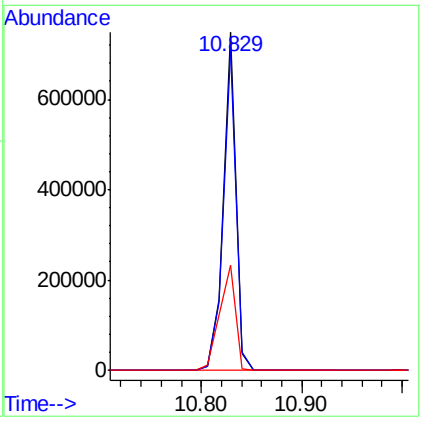


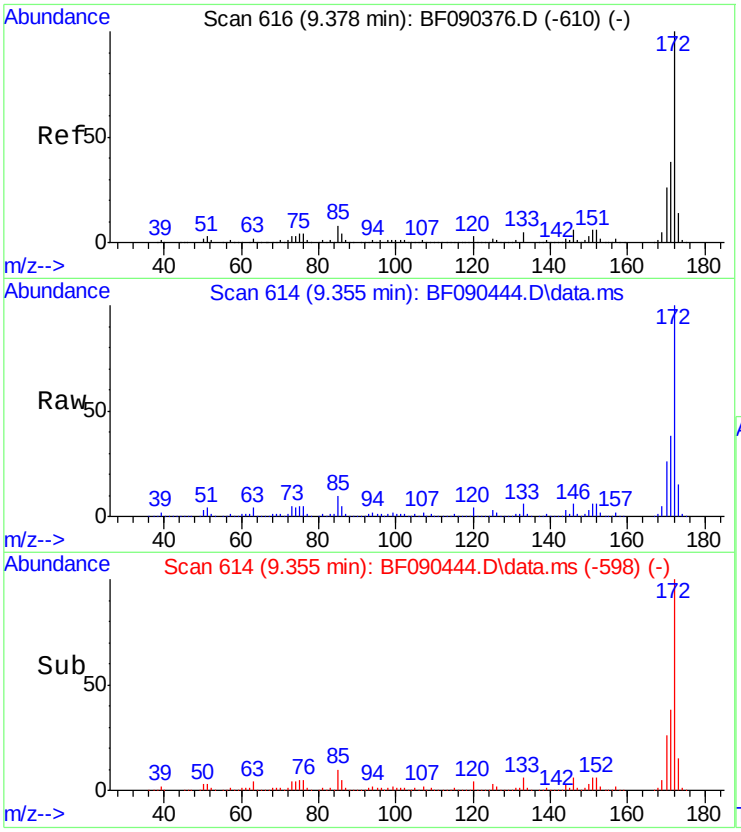


#41
2,4,6-Tribromophenol
Concen: 160.44 ng
RT: 10.829 min Scan# 743
Delta R.T. -0.023 min
Lab File: BF090444.D
Acq: 7 Oct 2016 14:28

Tgt Ion:330 Resp: 655527

Ion	Ratio	Lower	Upper
330	100		
332	95.4	75.4	113.0
141	39.1	26.9	40.3



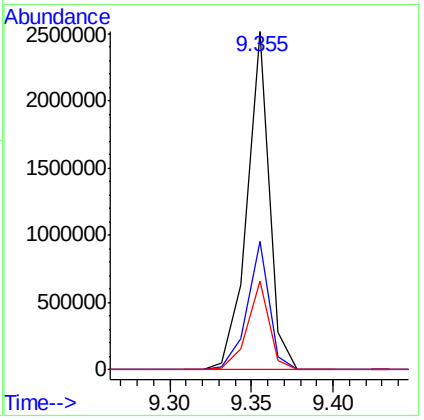


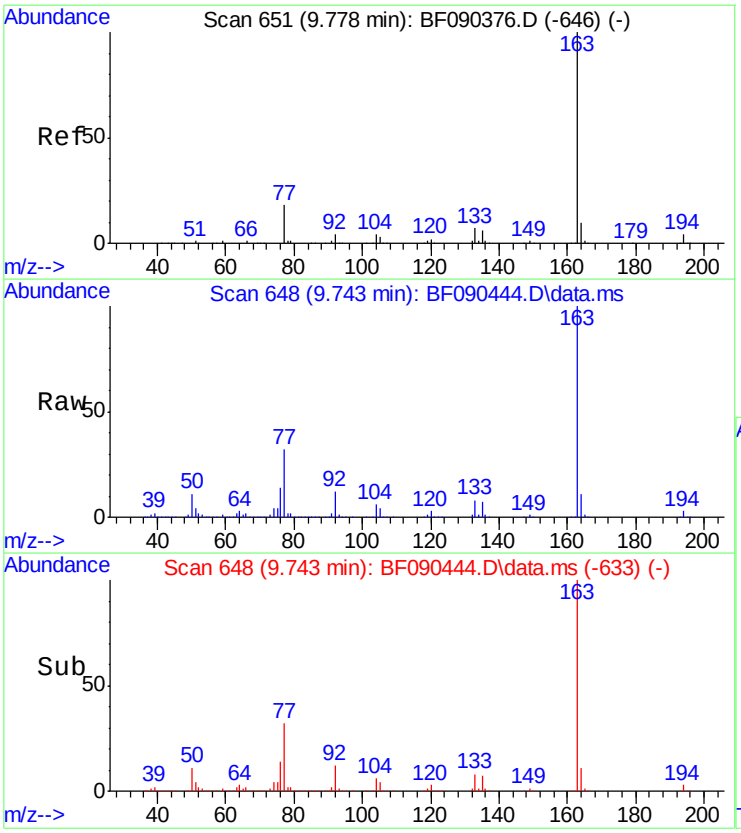
#44
2-Fluorobiphenyl
Concen: 78.96 ng
RT: 9.355 min Scan# 61
Delta R.T. -0.023 min
Lab File: BF090444.D
Acq: 7 Oct 2016 14:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 2381193

Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.8	47.8
170	26.0	21.7	32.5

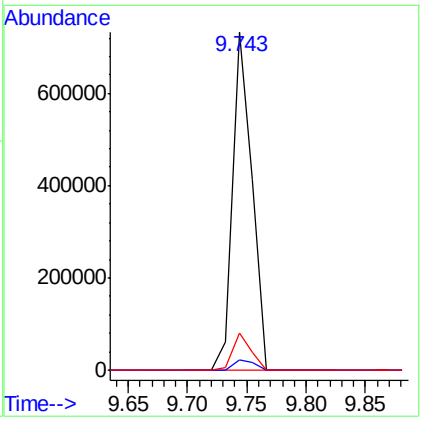


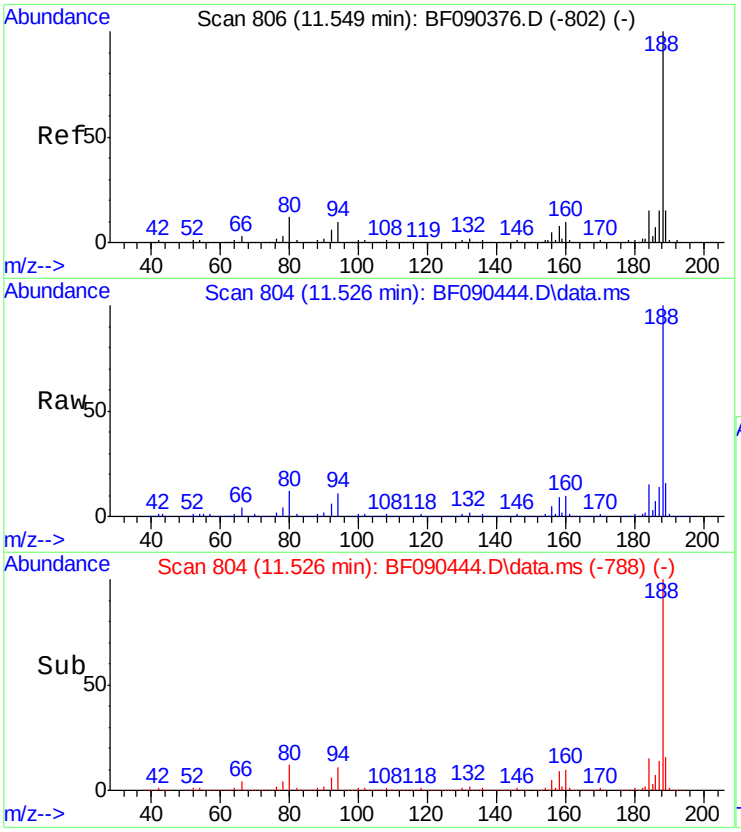


#49
Dimethylphthalate
Concen: 25.81 ng
RT: 9.743 min Scan# 648
Delta R.T. -0.034 min
Lab File: BF090444.D
Acq: 7 Oct 2016 14:28

Tgt Ion:163 Resp: 830623

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.8	4.2
164	10.9	9.0	13.4



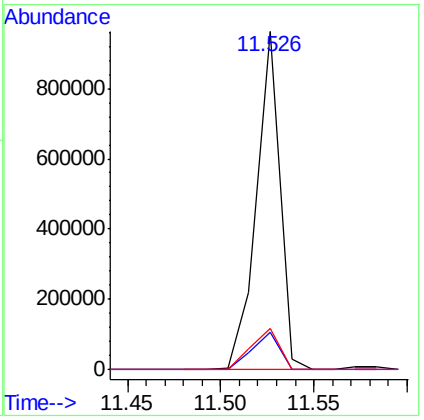


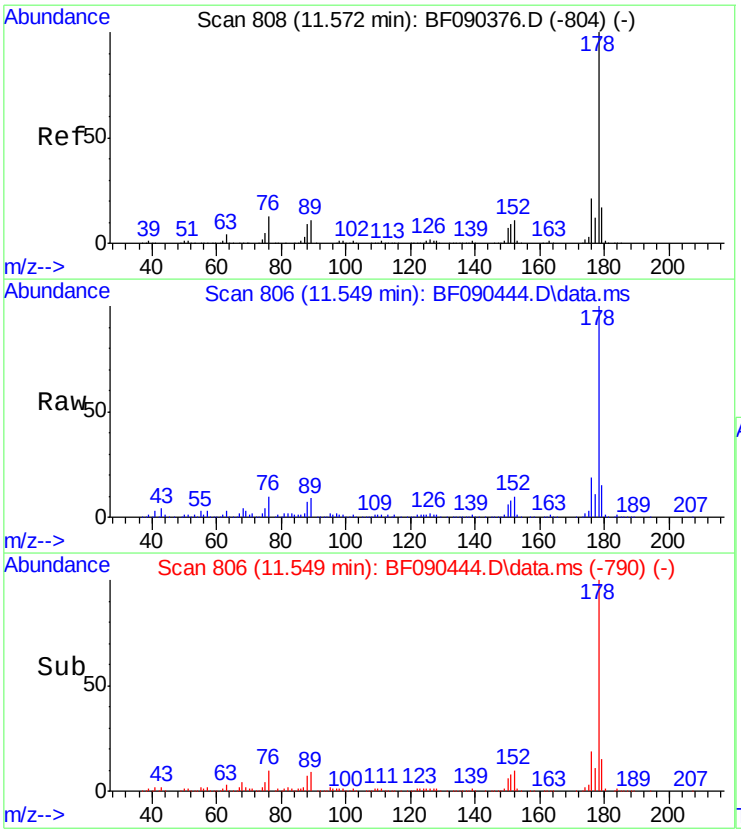
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.526 min Scan# 80
Delta R.T. -0.023 min
Lab File: BF090444.D
Acq: 7 Oct 2016 14:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 833056

Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.2	12.2
80	12.3	8.8	13.2

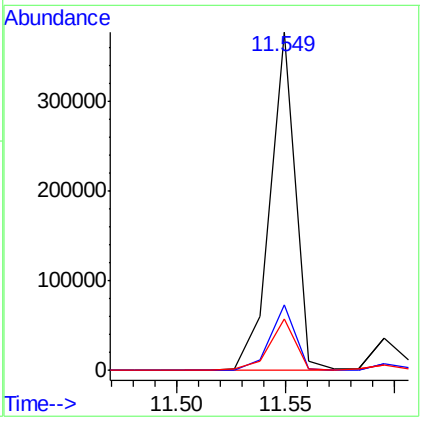


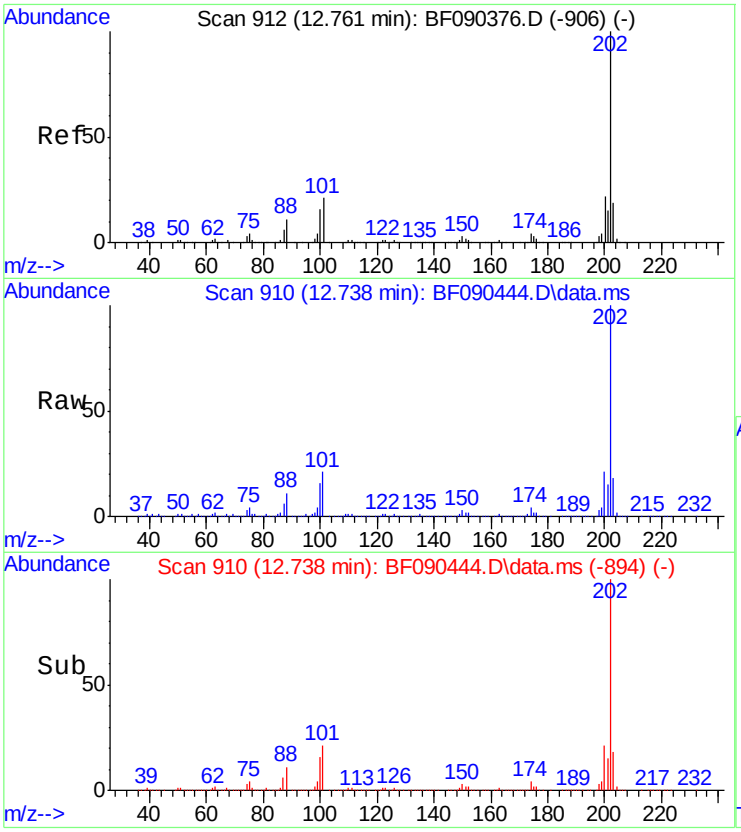


#70
Phenanthrene
Concen: 7.22 ng
RT: 11.549 min Scan# 806
Delta R.T. -0.023 min
Lab File: BF090444.D
Acq: 7 Oct 2016 14:28

Tgt Ion:178 Resp: 307921

Ion	Ratio	Lower	Upper
178	100		
176	19.4	17.3	25.9
179	15.1	13.8	20.6



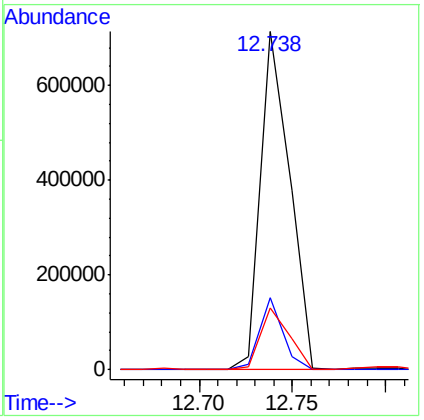


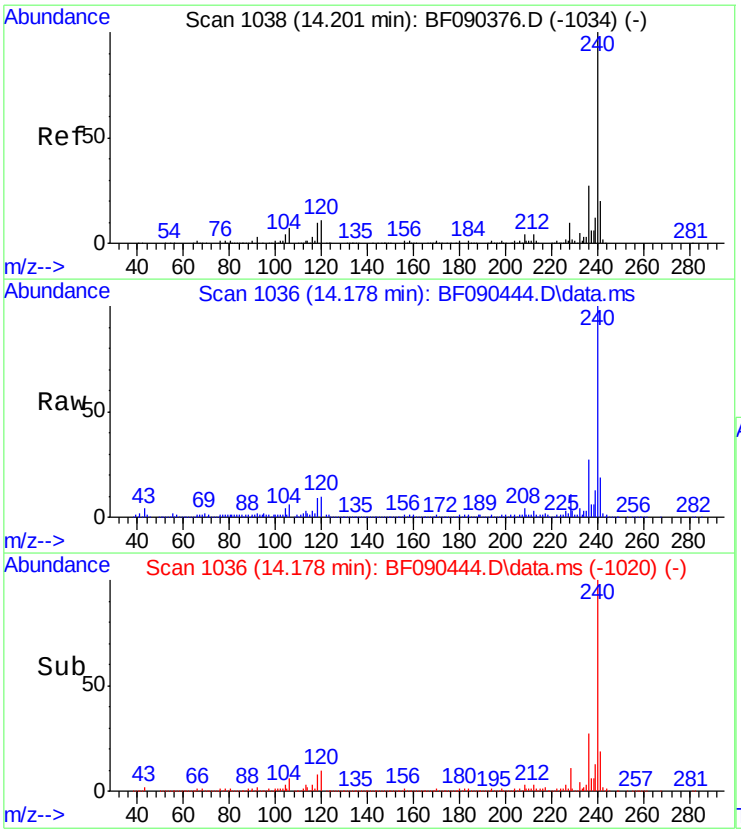
#74
Fluoranthene
Concen: 18.39 ng
RT: 12.738 min Scan# 91
Delta R.T. -0.023 min
Lab File: BF090444.D
Acq: 7 Oct 2016 14:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 769336

Ion	Ratio	Lower	Upper
202	100		
101	21.1	0.0	37.2
203	18.2	0.0	39.3

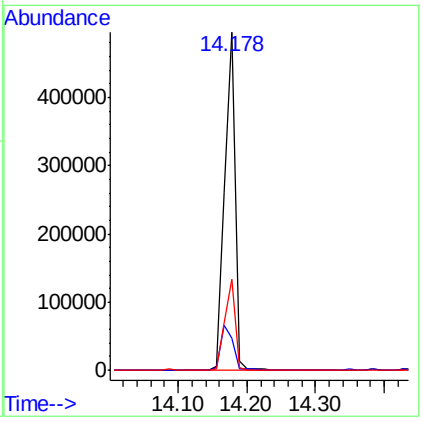


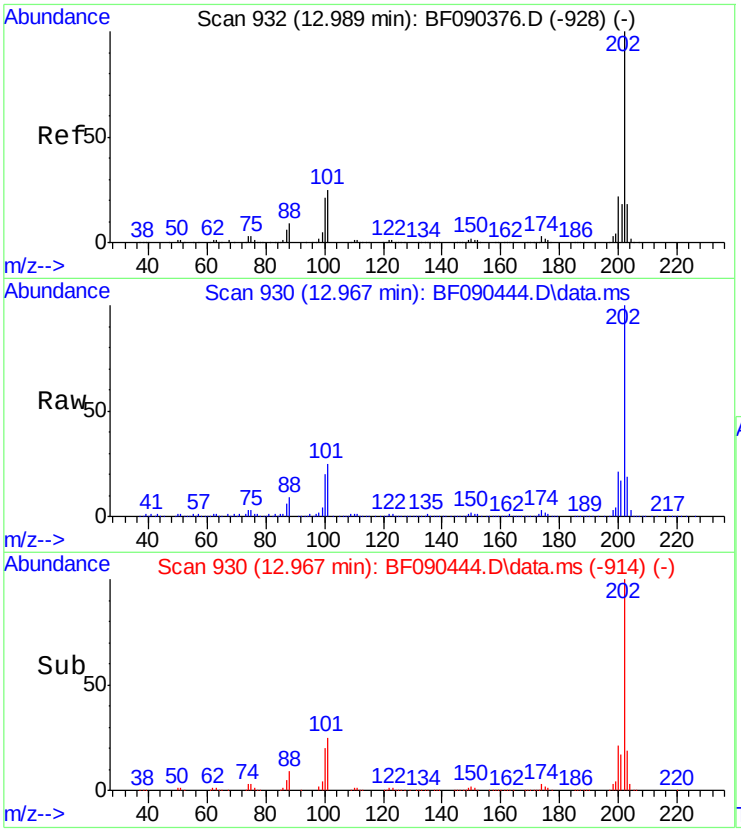


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.178 min Scan# 1036
Delta R.T. -0.023 min
Lab File: BF090444.D
Acq: 7 Oct 2016 14:28

Tgt Ion:240 Resp: 541976

Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.6	13.0
236	27.1	21.6	32.4



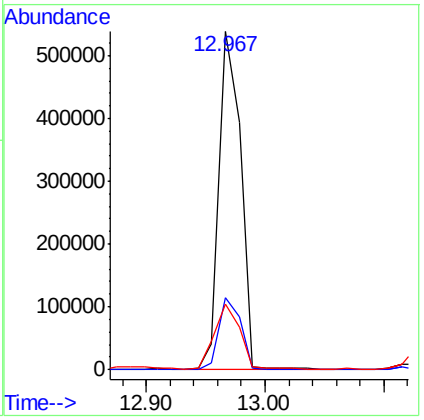


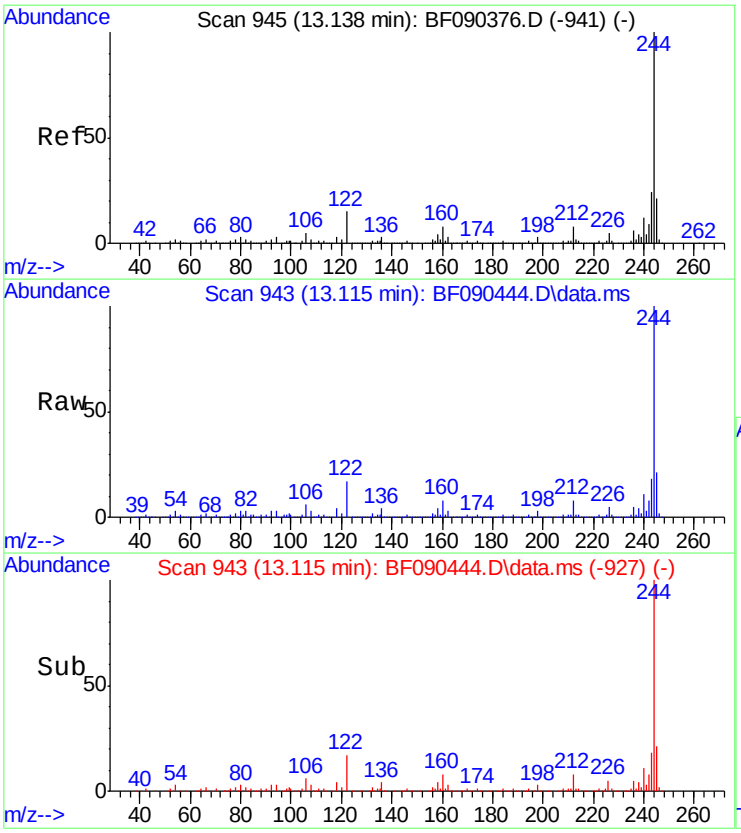
#77
Pyrene
Concen: 18.65 ng
RT: 12.967 min Scan# 93
Delta R.T. -0.023 min
Lab File: BF090444.D
Acq: 7 Oct 2016 14:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 674056

Ion	Ratio	Lower	Upper
202	100		
200	21.4	18.5	27.7
203	19.3	15.0	22.6

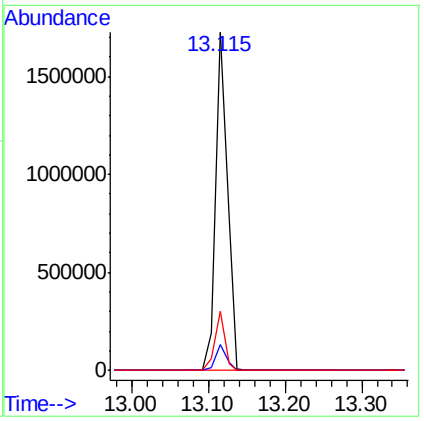


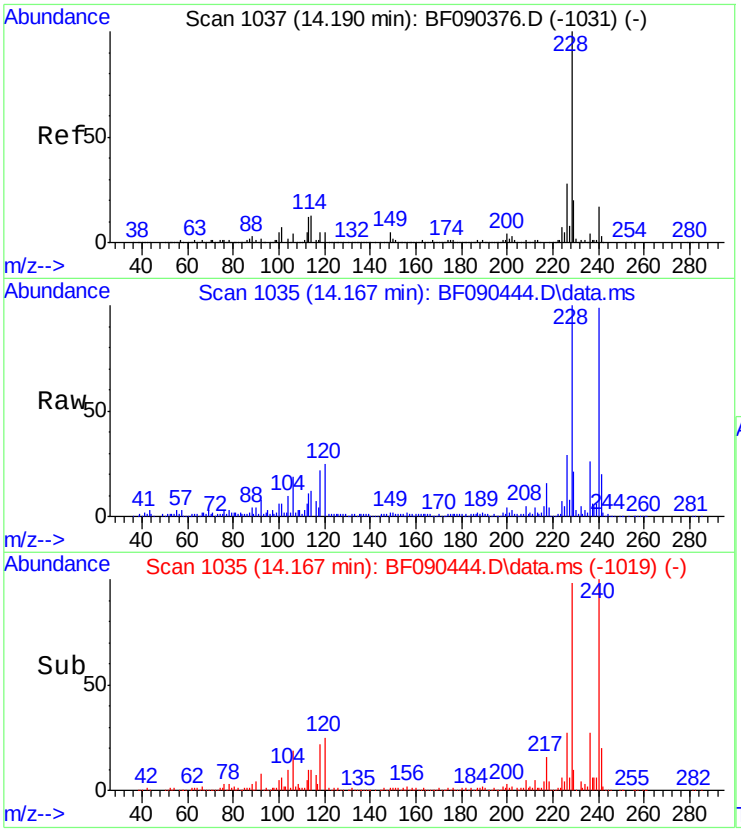


#78
Terphenyl-d14
Concen: 76.98 ng
RT: 13.115 min Scan# 943
Delta R.T. -0.023 min
Lab File: BF090444.D
Acq: 7 Oct 2016 14:28

Tgt Ion:244 Resp: 1855814

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.8	10.2
122	17.4	13.3	19.9



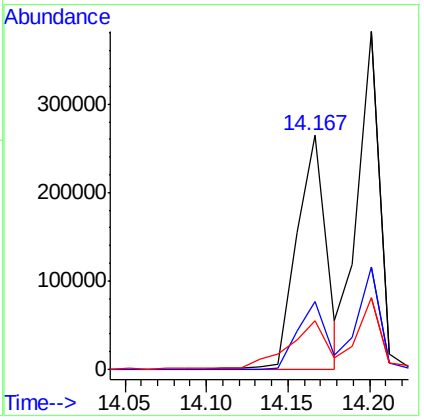


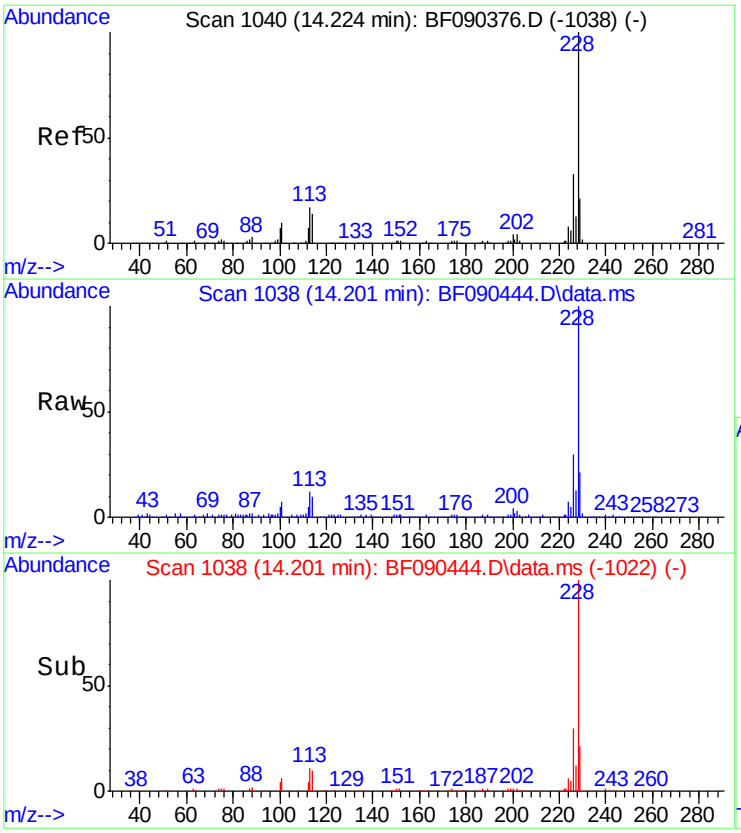
#80
Benzo(a)anthracene
Concen: 10.93 ng
RT: 14.167 min Scan# 10
Delta R.T. -0.023 min
Lab File: BF090444.D
Acq: 7 Oct 2016 14:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 332376

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.6	35.4
229	21.0	16.6	25.0

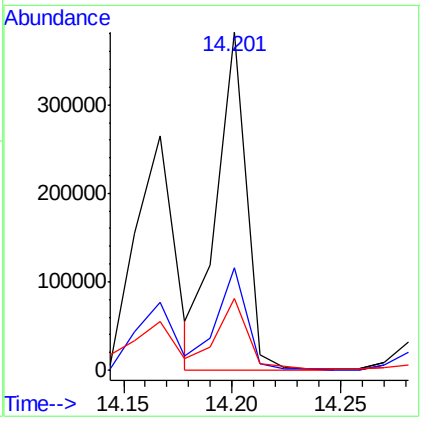


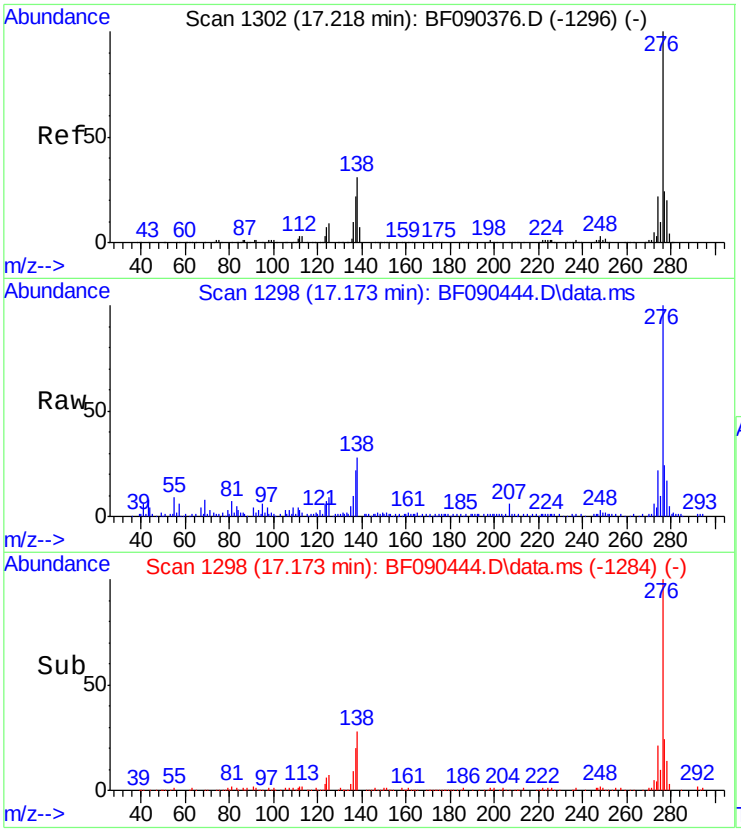


#82
Chrysene
Concen: 12.75 ng
RT: 14.201 min Scan# 1038
Delta R.T. -0.023 min
Lab File: BF090444.D
Acq: 7 Oct 2016 14:28

Tgt Ion:228 Resp: 356822

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.8	38.6
229	21.3	16.9	25.3



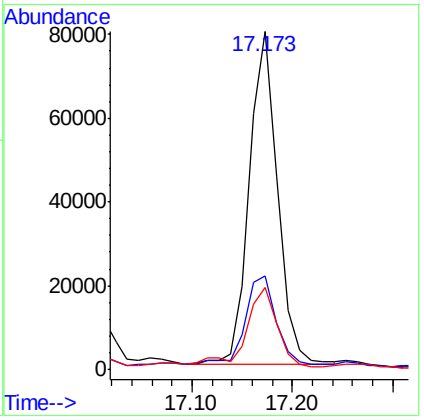


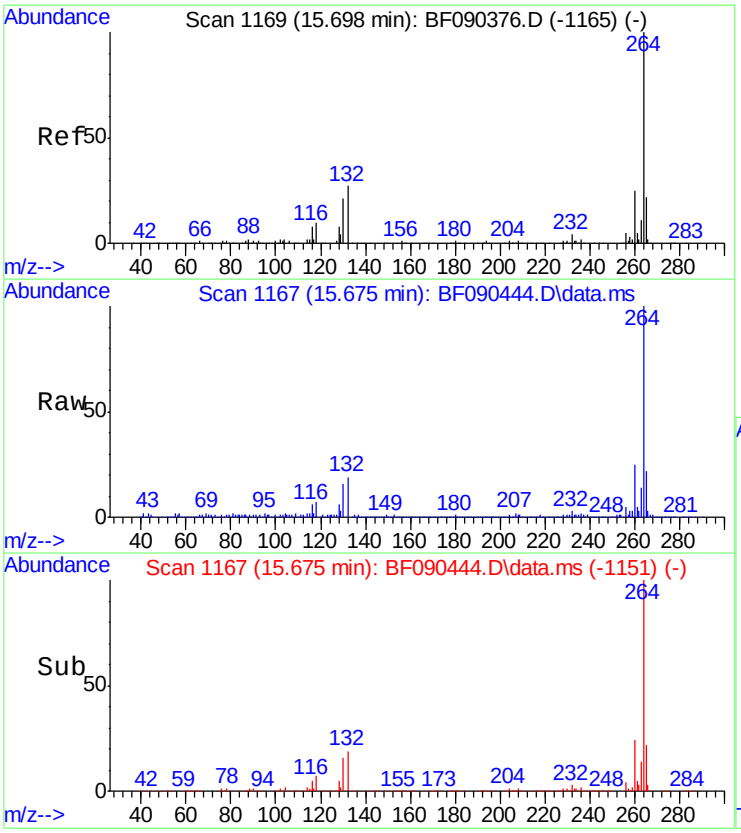
#85
Indeno(1,2,3-cd)pyrene
Concen: 7.78 ng
RT: 17.173 min Scan# 12
Delta R.T. -0.046 min
Lab File: BF090444.D
Acq: 7 Oct 2016 14:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 155228

Ion	Ratio	Lower	Upper
276	100		
138	29.6	23.8	35.8
277	27.9	20.4	30.6

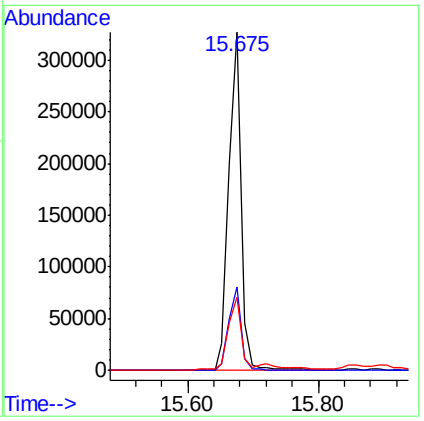


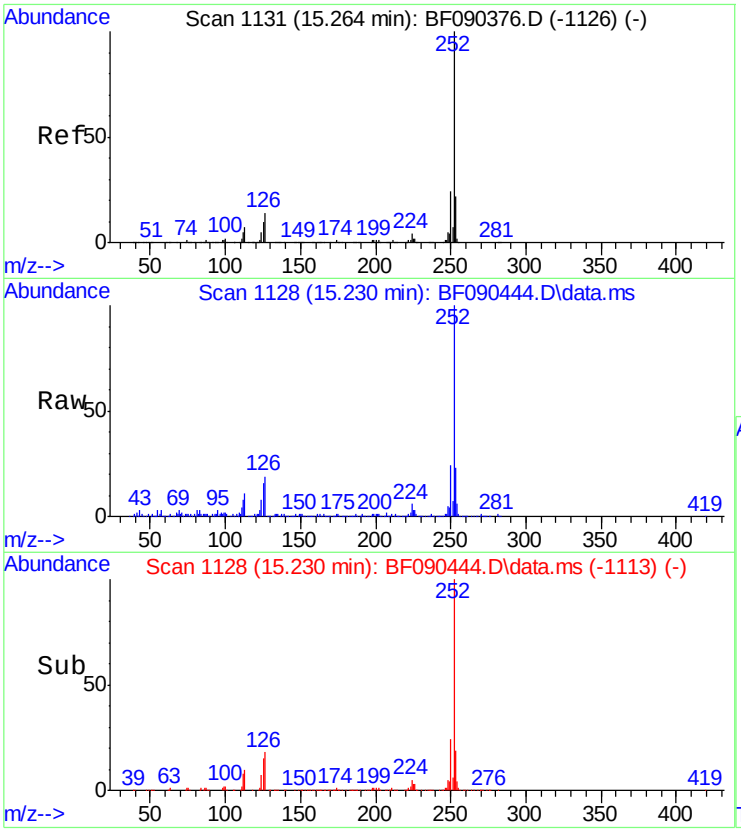


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.675 min Scan# 1167
Delta R.T. -0.023 min
Lab File: BF090444.D
Acq: 7 Oct 2016 14:28

Tgt Ion:264 Resp: 424843

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.3	28.9
265	21.6	17.4	26.0



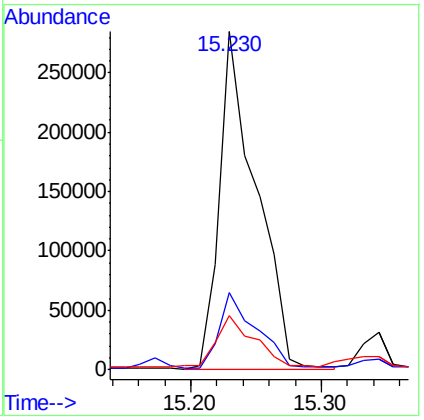


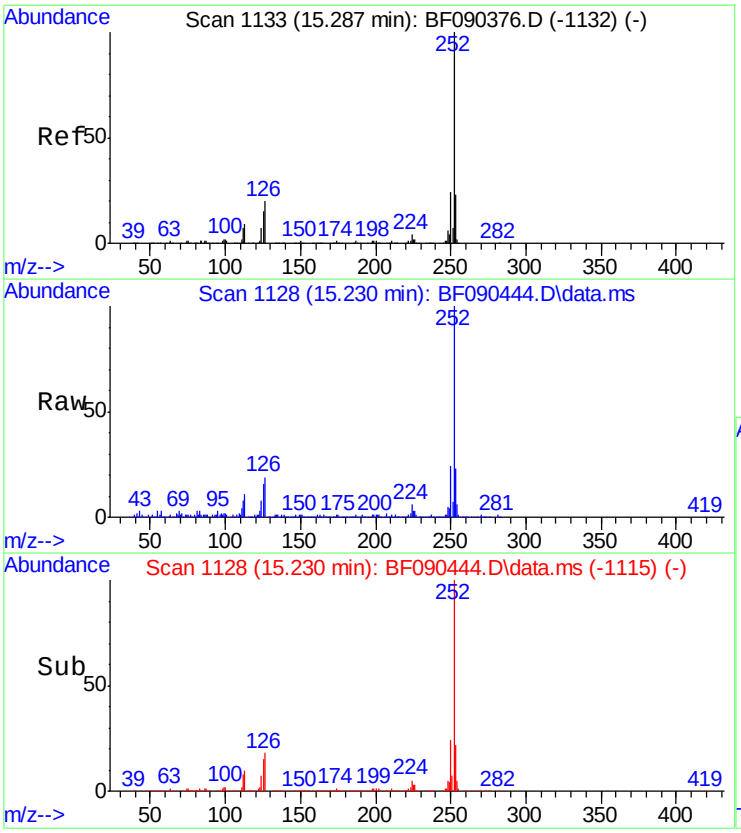
#87
Benzo(b)fluoranthene
Concen: 20.61 ng
RT: 15.230 min Scan# 11
Delta R.T. -0.034 min
Lab File: BF090444.D
Acq: 7 Oct 2016 14:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 557765

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	16.0	7.0	10.4#

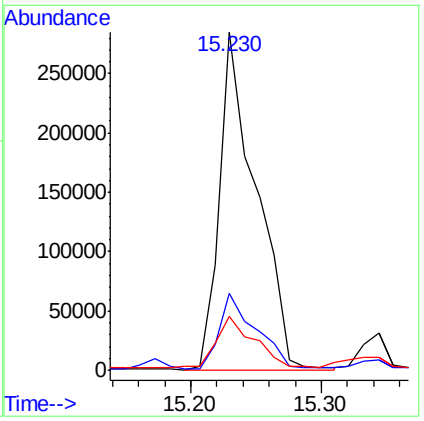


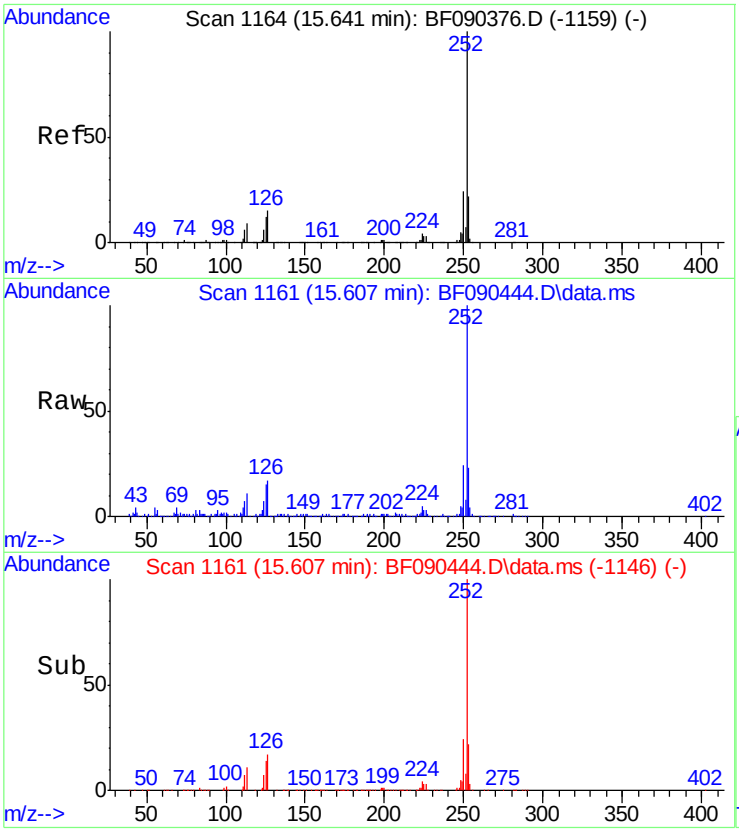


#88
Benzo(k)fluoranthene
Concen: 21.94 ng
RT: 15.230 min Scan# 1128
Delta R.T. -0.057 min
Lab File: BF090444.D
Acq: 7 Oct 2016 14:28

Tgt Ion:252 Resp: 557765

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.6	27.8
125	16.0	11.7	17.5



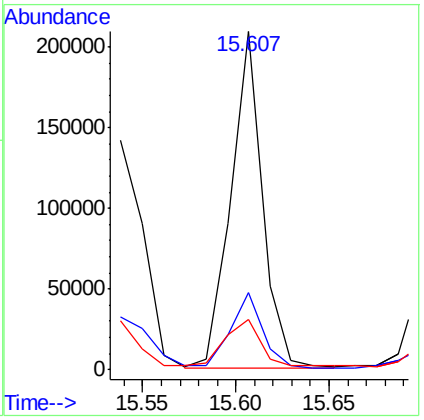


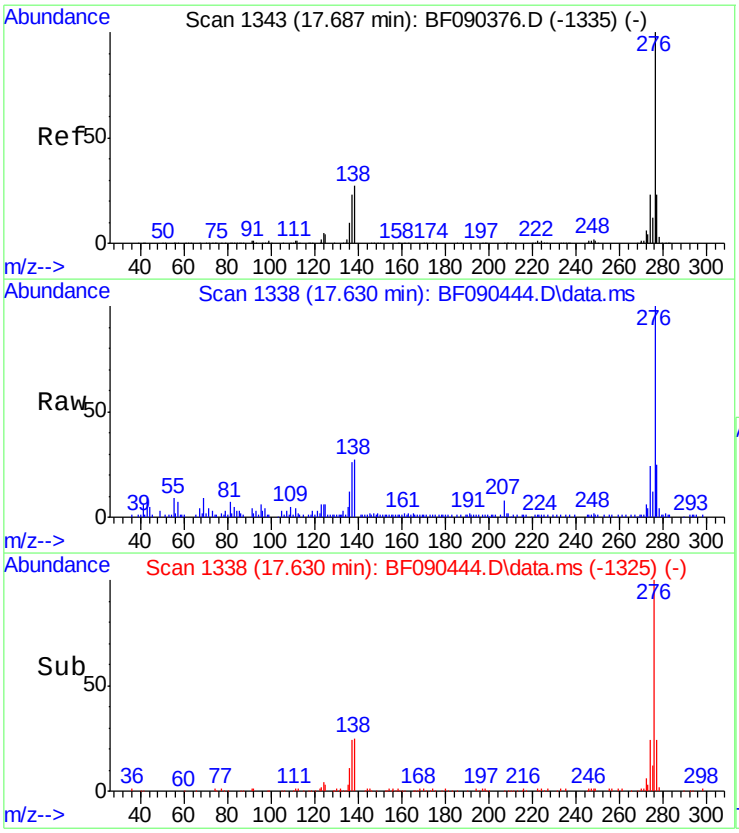
#89
Benzo(a)pyrene
Concen: 10.66 ng
RT: 15.607 min Scan# 11
Delta R.T. -0.034 min
Lab File: BF090444.D
Acq: 7 Oct 2016 14:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 248534

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.4
125	14.9	9.8	14.8#





#91
Benzo(g,h,i)perylene
Concen: 7.41 ng
RT: 17.630 min Scan# 1338
Delta R.T. -0.057 min
Lab File: BF090444.D
Acq: 7 Oct 2016 14:28

Tgt Ion:276 Resp: 141193

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.4	29.0
138	26.7	20.8	31.2