Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
Data File : BF089478.D
Acq On : 31 Jul 2016 18:48
Operator : UM/SJ
Sample : H4265-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 01 01:15:35 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 16:02:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	42863	20.00	ng		-0.06
21) Naphthalene-d8	7.78	136	156317	20.00	ng		-0.05
38) Acenaphthene-d10	9.52	164	64864	20.00	ng		-0.06
63) Phenanthrene-d10	10.99	188	100891	20.00	ng		-0.06
75) Chrysene-d12	13.61	240	94175	20.00	ng		-0.06
86) Perylene-d12	14.95	264	98015	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.06	112	366982	136.71	ng		-0.05
7) Phenol-d6	6.16	99	523978	147.70	ng		-0.05
23) Nitrobenzene-d5	7.06	82	300676	113.54	ng		-0.06
41) 2,4,6-Tribromophenol	10.31	330	70990	132.14	ng		-0.06
44) 2-Fluorobiphenyl	8.86	172	442630	100.15	ng		-0.06
78) Terphenyl-d14	12.57	244	294331	73.15	ng		-0.06
Target Compounds							Qvalue
15) Benzyl Alcohol	6.65	79	5195	2.36	ng	#	48
19) n-Nitroso-di-n-propylamine	7.06	70	39069	18.26	ng	#	82
49) Dimethylphthalate	9.26	163	66567	13.48	ng		99
56) 2,4-Dinitrotoluene	9.52	165	8111	6.07	ng	#	7
66) 4-Bromophenyl-phenylether	10.31	248	5237	5.44	ng	#	1
70) Phenanthrene	11.02	178	17409	3.35	ng		99
74) Fluoranthene	12.19	202	44318	8.10	ng		98
77) Pyrene	12.19	202	44318	6.21	ng		98
80) Benzo(a)anthracene	13.60	228	24747	4.66	ng		95
82) Chrysene	13.60	228	24747	4.37	ng		96
83) Bis(2-ethylhexyl)phthalate	13.62	149	15677	3.34	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.13	276	13741	3.42	ng	#	88
87) Benzo(b)fluoranthene	14.61	252	39013	6.41	ng	#	95
88) Benzo(k)fluoranthene	14.61	252	39013	6.97	ng		97
89) Benzo(a)pyrene	14.89	252	21050	3.86	ng	#	90
91) Benzo(g,h,i)perylene	16.47	276	12405	2.93	ng		95

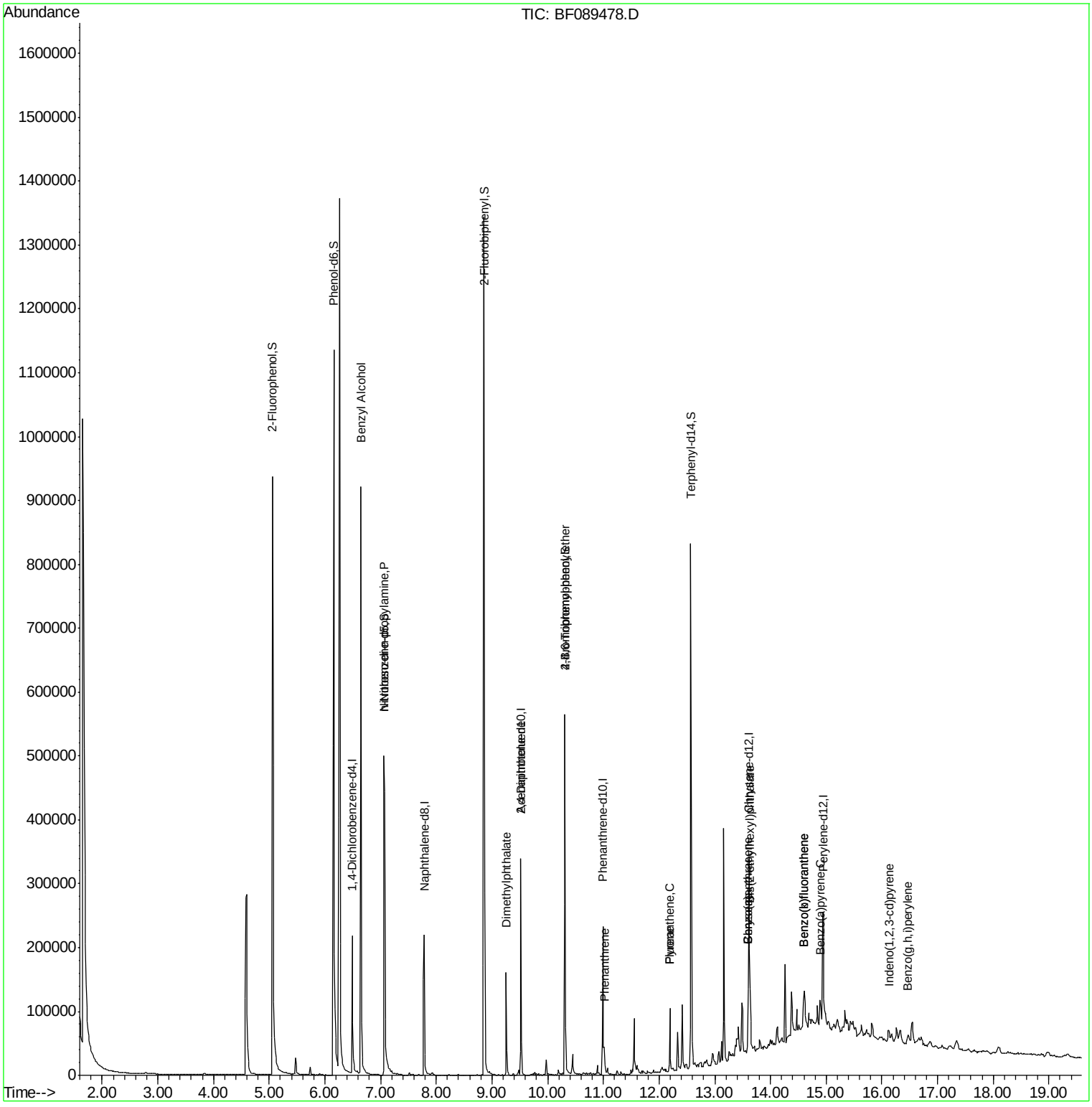
(#) = qualifier out of range (m) = manual integration (+) = signals summed

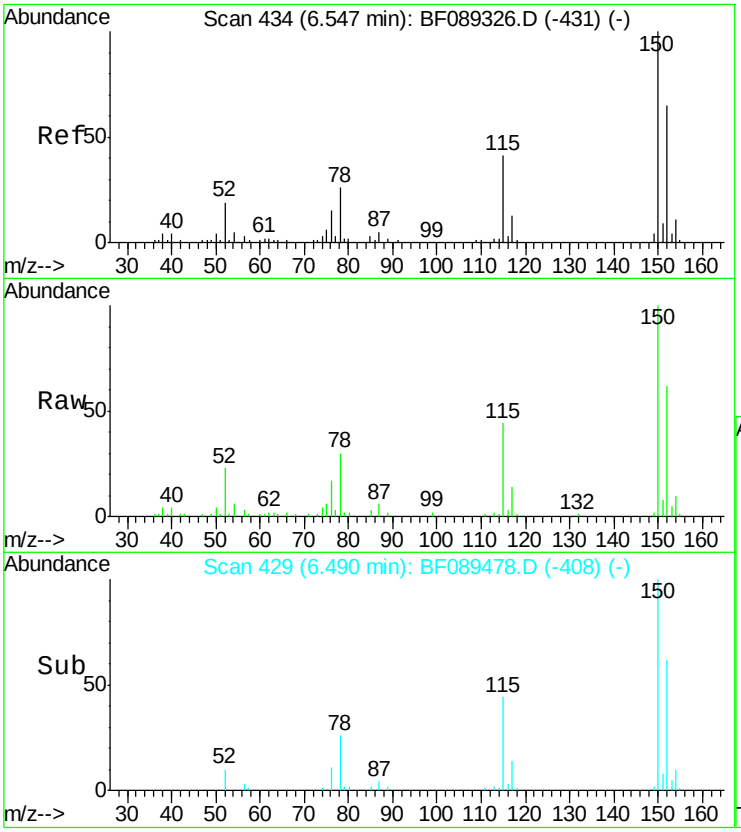
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
Data File : BF089478.D
Acq On : 31 Jul 2016 18:48
Operator : UM/SJ
Sample : H4265-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 01 01:15:35 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 16:02:32 2016
Response via : Initial Calibration



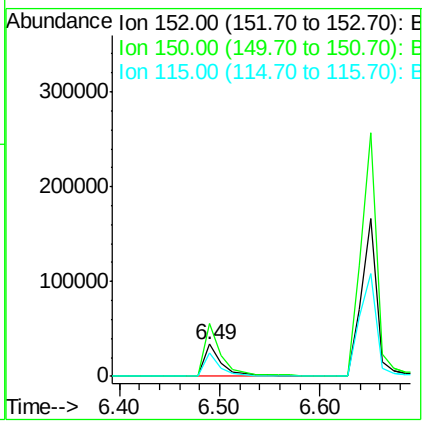


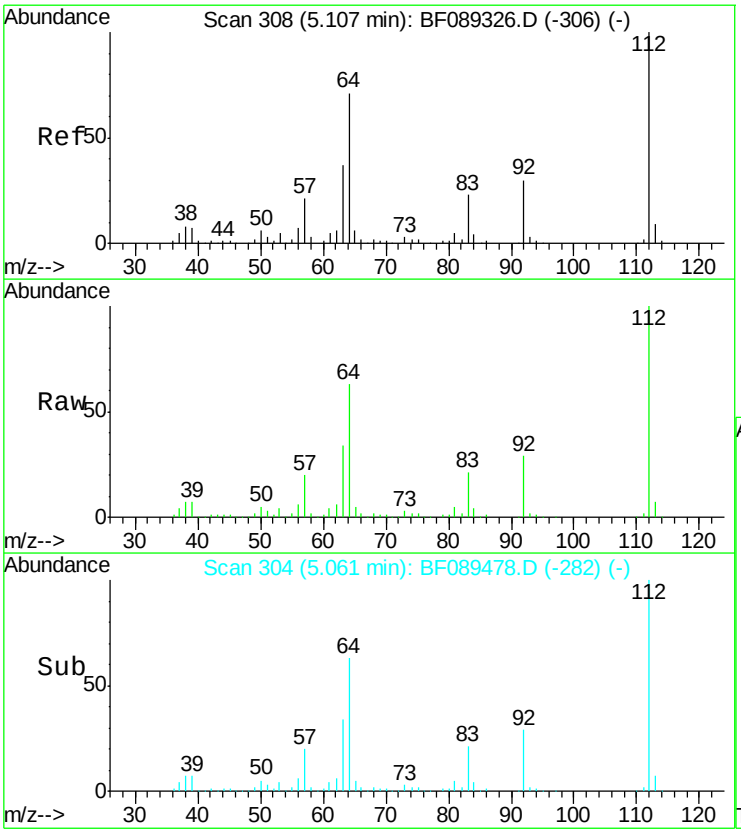
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 429
Delta R.T. -0.06 min
Lab File: BF089478.D
Acq: 31 Jul 2016 18:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 42863

Ion	Ratio	Lower	Upper
152	100		
150	161.8	129.5	194.3
115	70.6	51.4	77.2

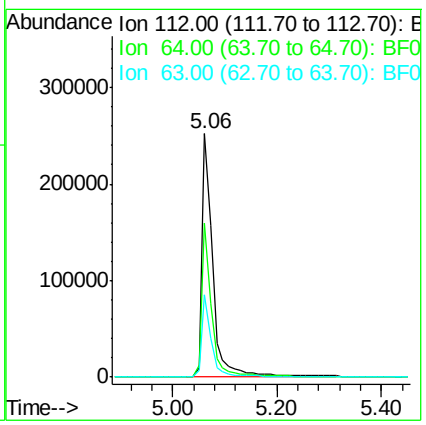


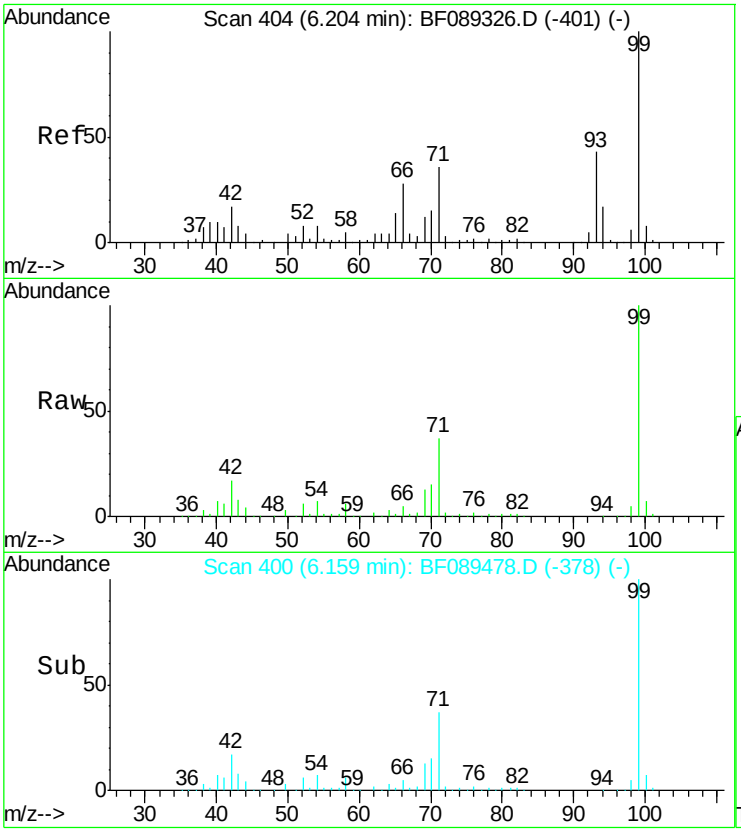


#5
2-Fluorophenol
Concen: 136.71 ng
RT: 5.06 min Scan# 304
Delta R.T. -0.05 min
Lab File: BF089478.D
Acq: 31 Jul 2016 18:48

Tgt Ion:112 Resp: 366982

Ion	Ratio	Lower	Upper
112	100		
64	63.4	55.0	82.6
63	33.9	29.4	44.2



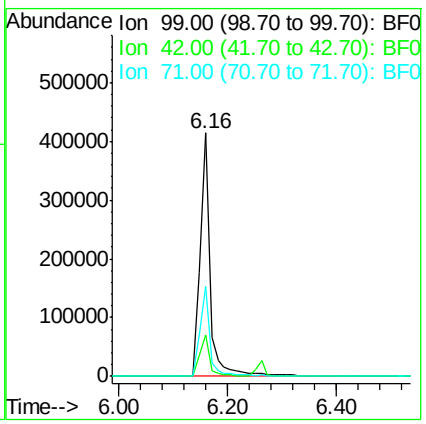


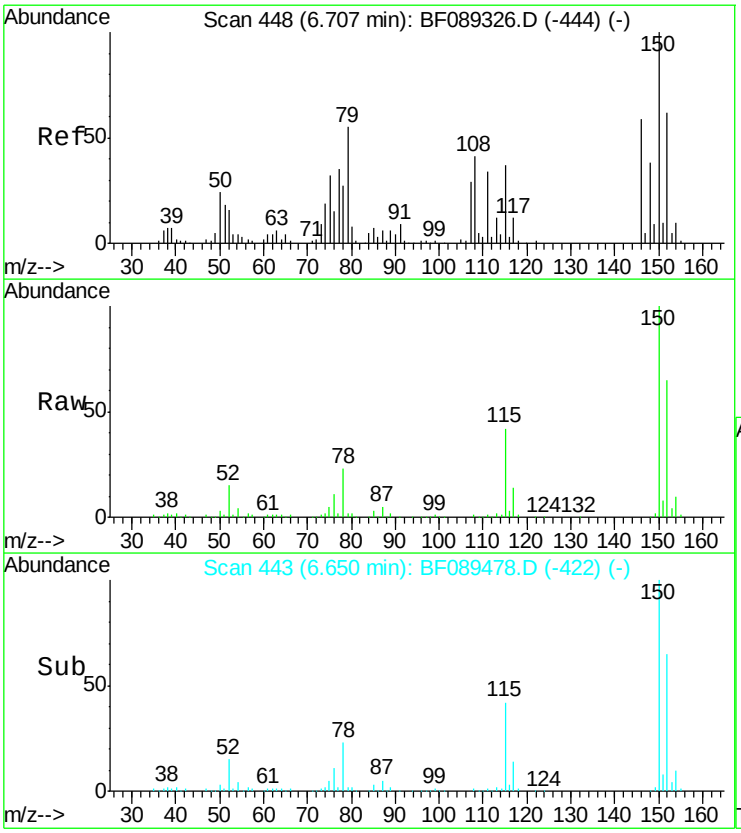
#7
Phenol-d6
Concen: 147.70 ng
RT: 6.16 min Scan# 400
Delta R.T. -0.05 min
Lab File: BF089478.D
Acq: 31 Jul 2016 18:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 523978

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.6	20.4
71	37.1	29.4	44.2

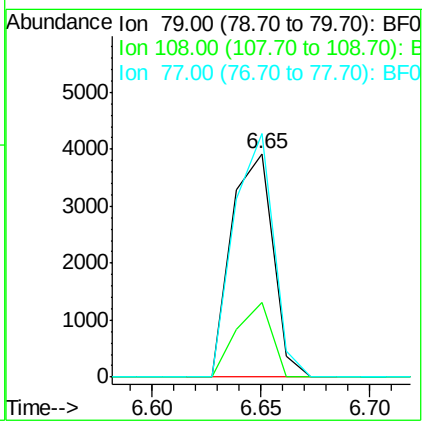


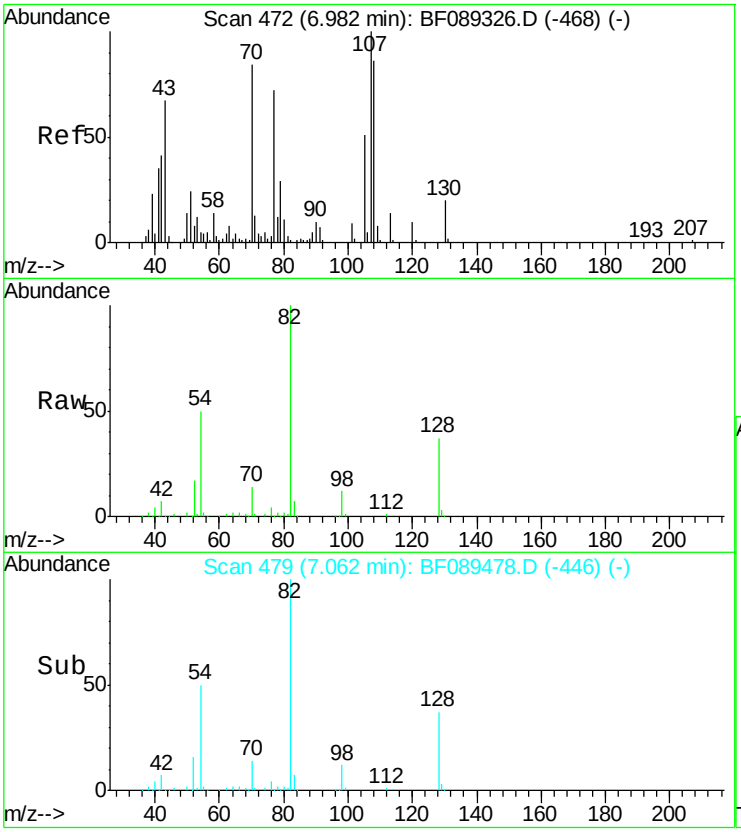


#15
Benzyl Alcohol
Concen: 2.36 ng
RT: 6.65 min Scan# 443
Delta R.T. -0.06 min
Lab File: BF089478.D
Acq: 31 Jul 2016 18:48

Tgt Ion: 79 Resp: 5195

Ion	Ratio	Lower	Upper
79	100		
108	33.4	59.8	89.6#
77	108.9	51.7	77.5#



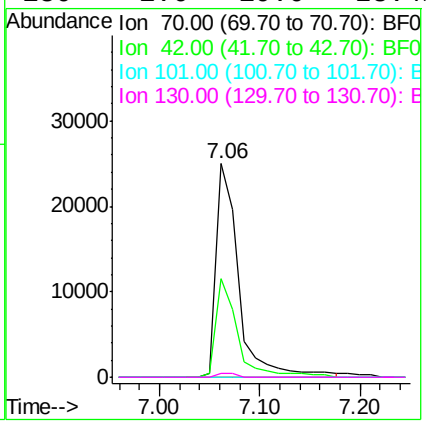


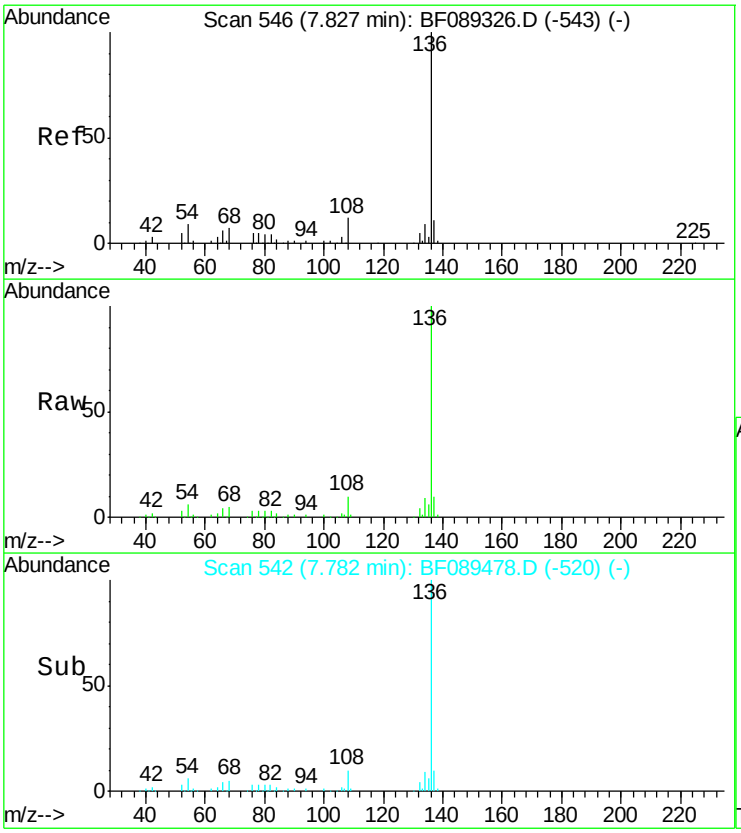
#19
n-Nitroso-di-n-propylamine
Concen: 18.26 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.08 min
Lab File: BF089478.D
Acq: 31 Jul 2016 18:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 39069

Ion	Ratio	Lower	Upper
70	100		
42	46.0	38.6	57.8
101	0.0	8.3	12.5#
130	1.6	19.0	28.4#

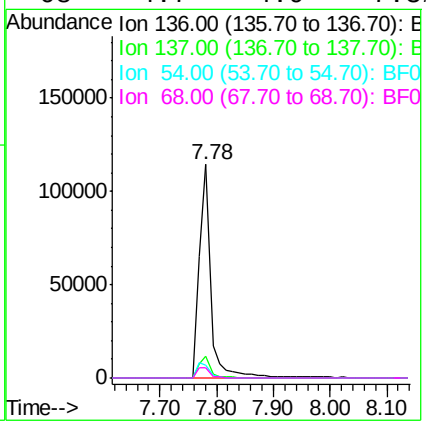


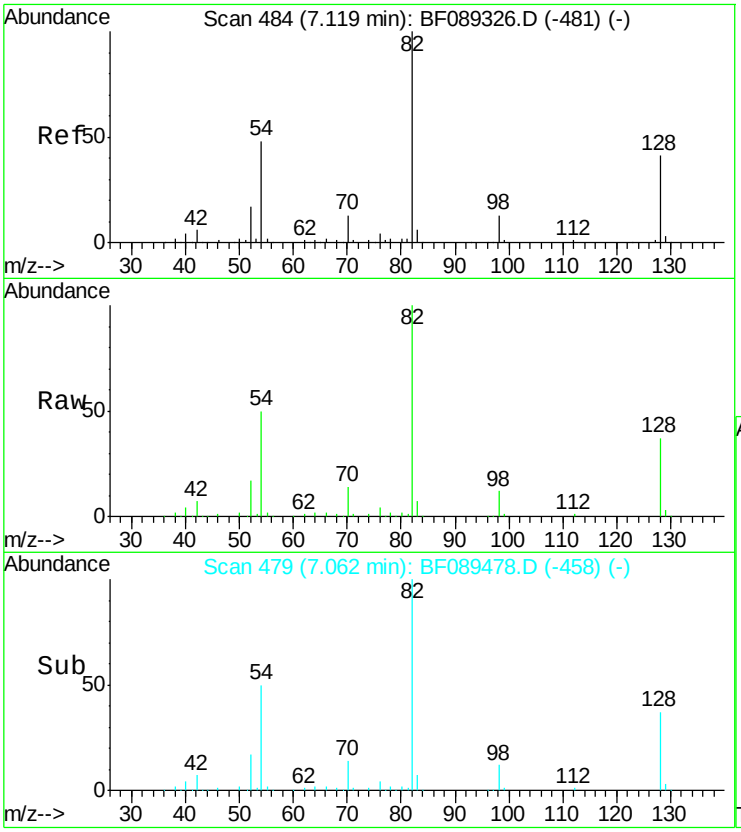


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.05 min
Lab File: BF089478.D
Acq: 31 Jul 2016 18:48

Tgt Ion:136 Resp: 156317

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.6	13.0
54	5.8	7.0	10.4#
68	4.7	4.9	7.3#



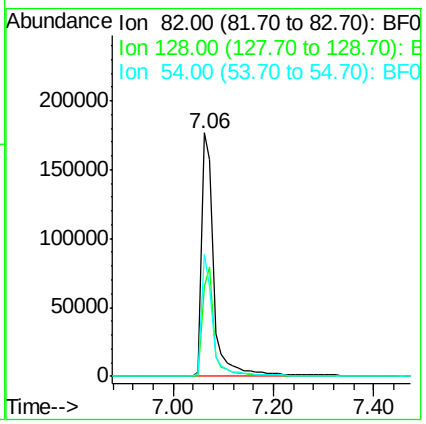


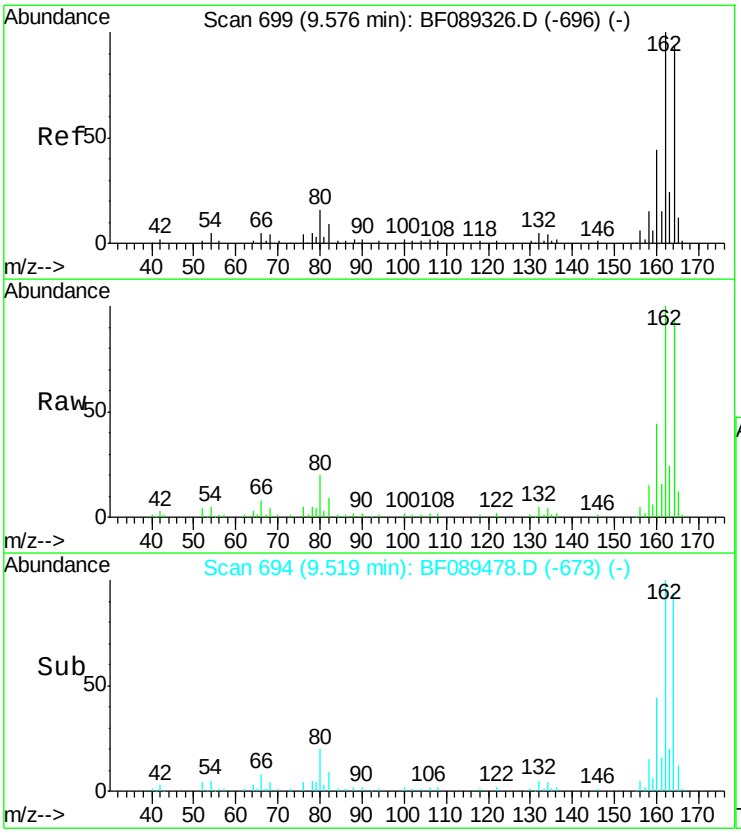
#23
Nitrobenzene-d5
Concen: 113.54 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.06 min
Lab File: BF089478.D
Acq: 31 Jul 2016 18:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 300676

Ion	Ratio	Lower	Upper
82	100		
128	37.0	32.5	48.7
54	50.2	38.8	58.2

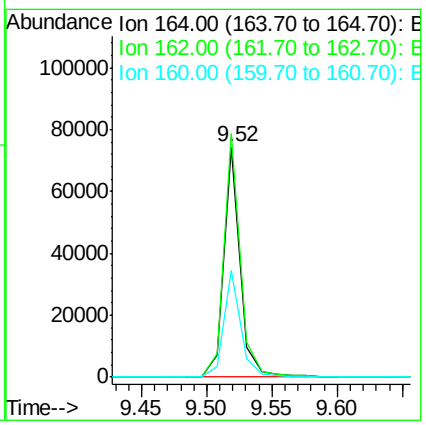


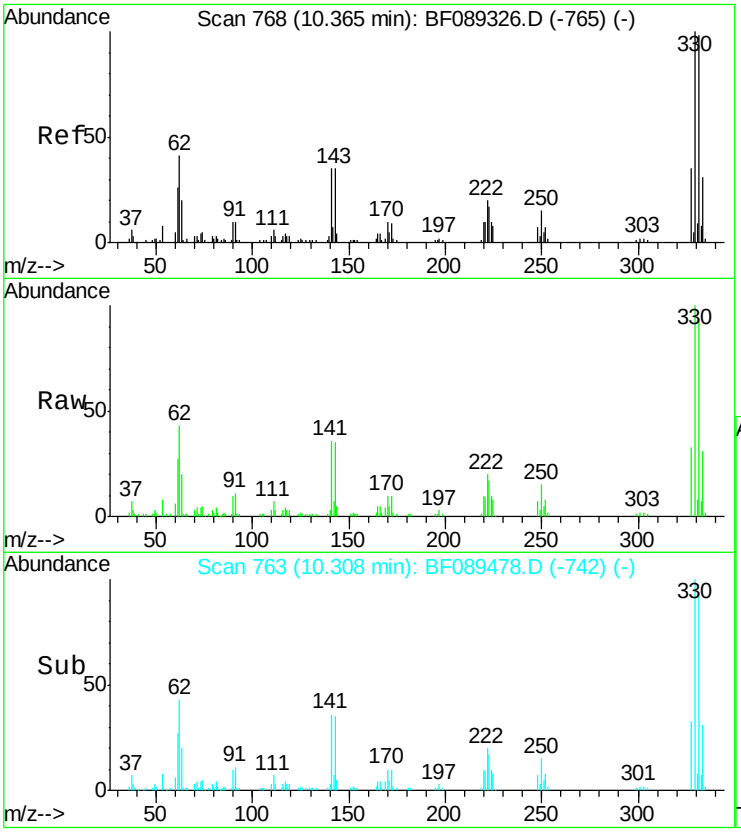


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.06 min
Lab File: BF089478.D
Acq: 31 Jul 2016 18:48

Tgt Ion:164 Resp: 64864

Ion	Ratio	Lower	Upper
164	100		
162	105.9	83.7	125.5
160	46.5	37.8	56.6



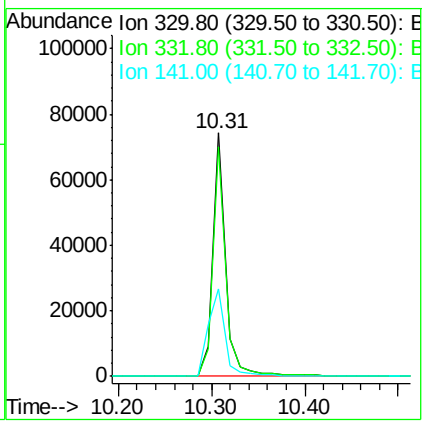


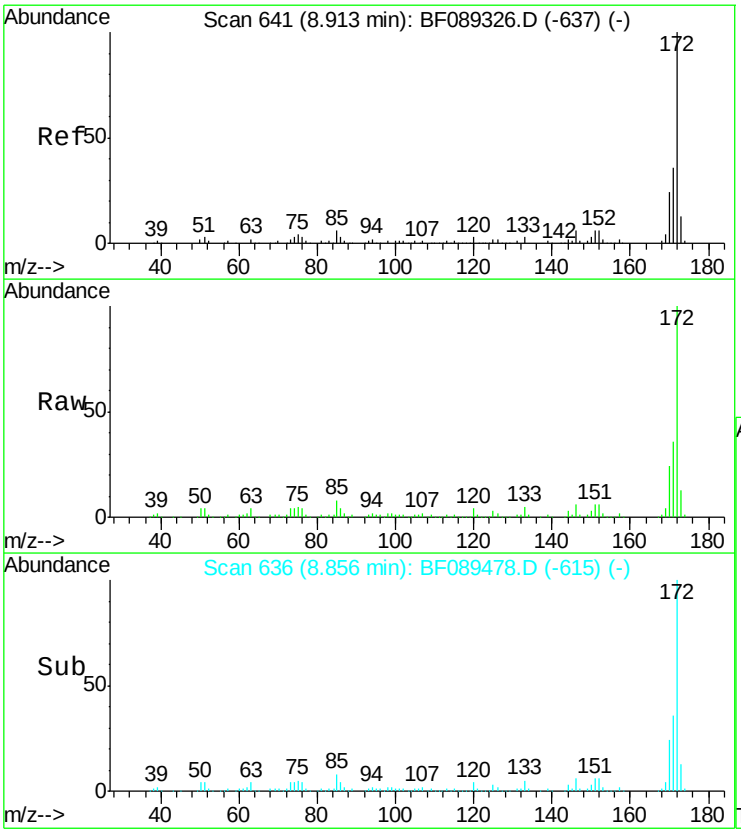
#41
2,4,6-Tribromophenol
Concen: 132.14 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.06 min
Lab File: BF089478.D
Acq: 31 Jul 2016 18:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 70990

Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.8	115.2
141	47.5	37.3	55.9

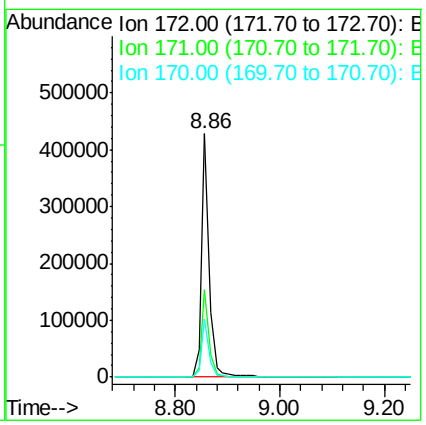


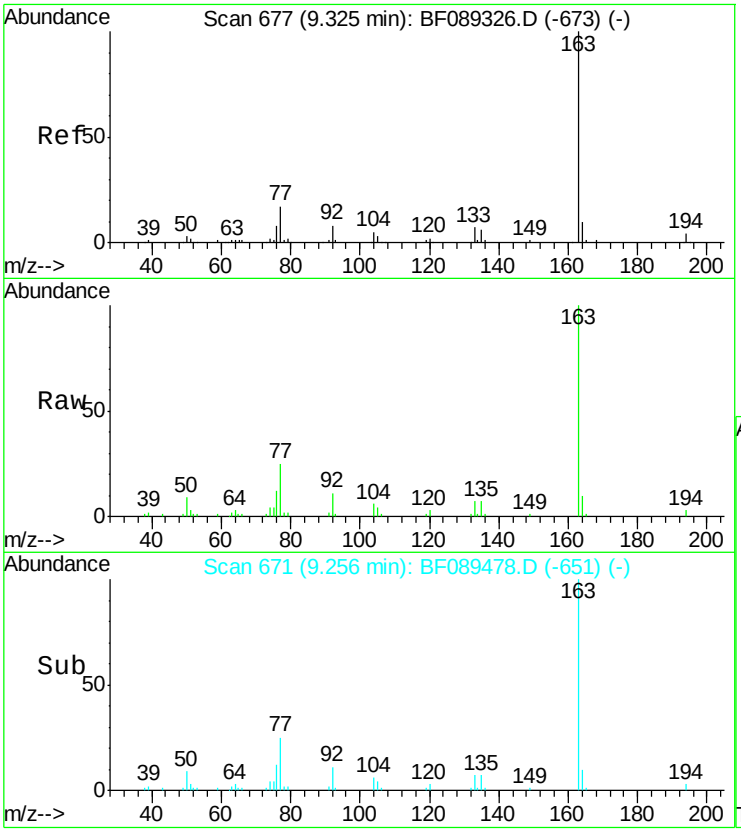


#44
2-Fluorobiphenyl
Concen: 100.15 ng
RT: 8.86 min Scan# 636
Delta R.T. -0.06 min
Lab File: BF089478.D
Acq: 31 Jul 2016 18:48

Tgt Ion:172 Resp: 442630

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.2	43.8
170	23.9	19.2	28.8



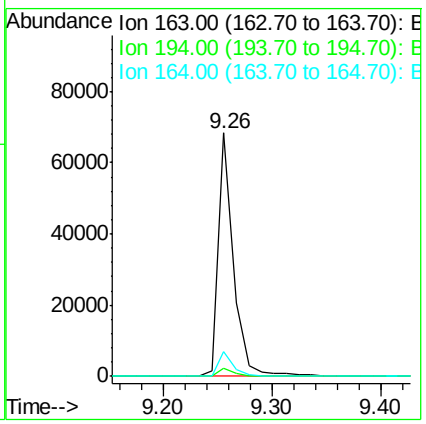


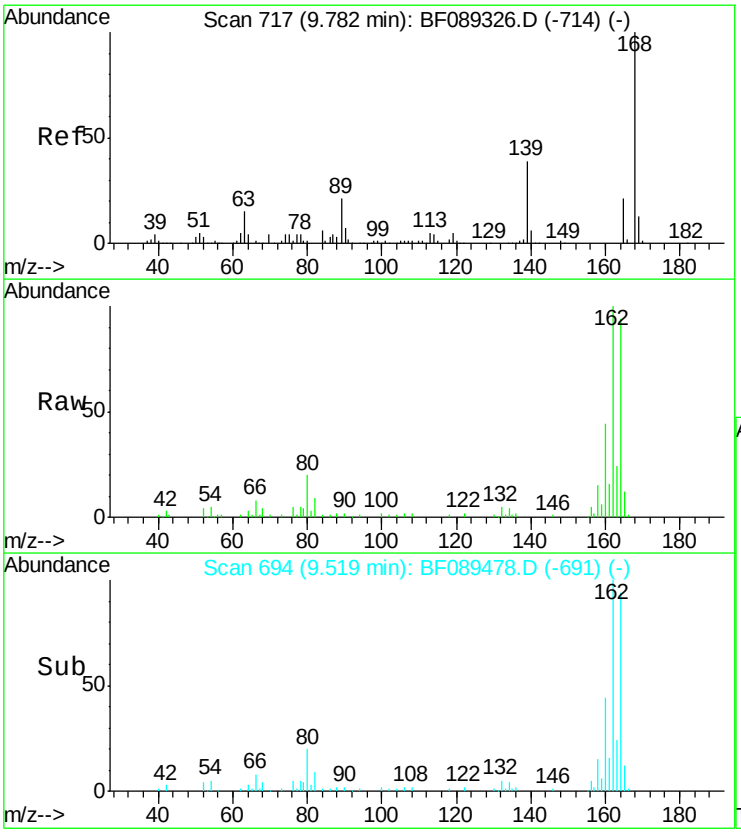
#49
Dimethylphthalate
Concen: 13.48 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.07 min
Lab File: BF089478.D
Acq: 31 Jul 2016 18:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 66567

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.8	4.2
164	10.3	7.8	11.8

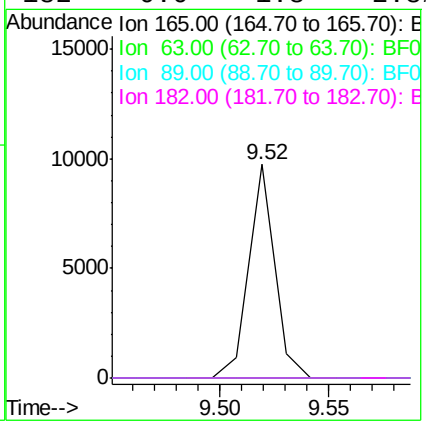


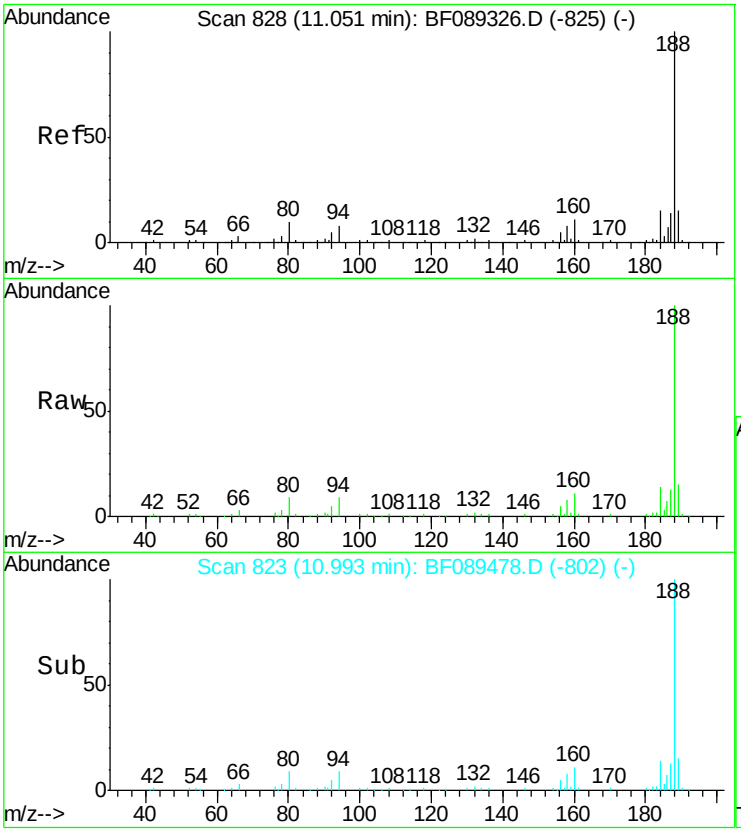


#56
2,4-Dinitrotoluene
Concen: 6.07 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.26 min
Lab File: BF089478.D
Acq: 31 Jul 2016 18:48

Tgt Ion:165 Resp: 8111

Ion	Ratio	Lower	Upper
165	100		
63	0.0	58.2	87.2#
89	0.0	79.1	118.7#
182	0.0	1.8	2.8#



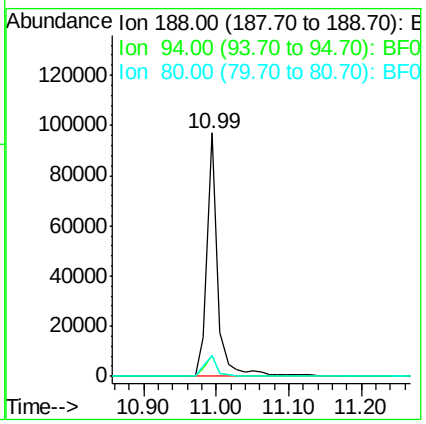


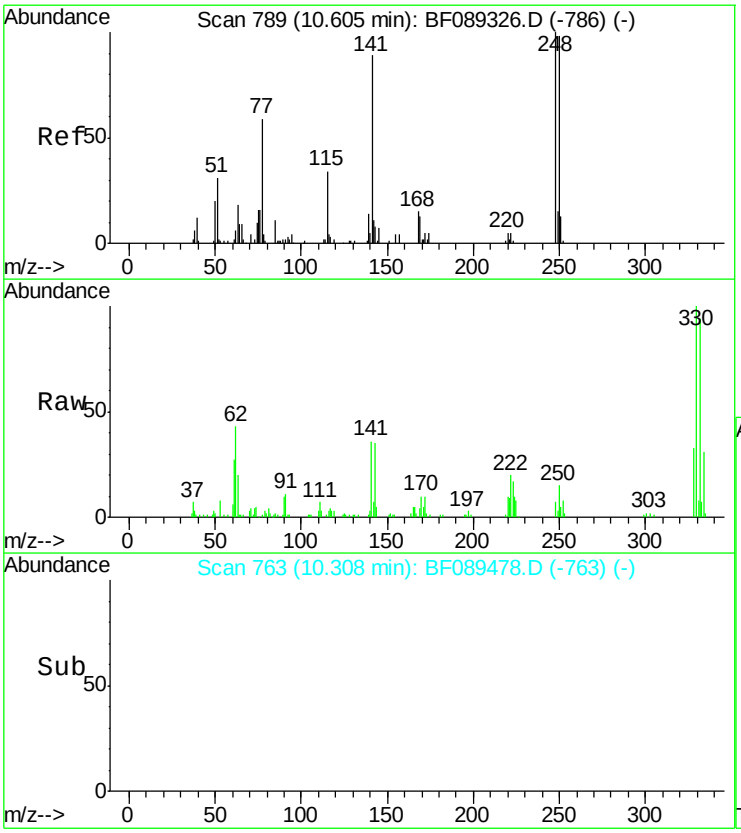
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.06 min
Lab File: BF089478.D
Acq: 31 Jul 2016 18:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 100891

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.5	9.7
80	8.7	7.2	10.8

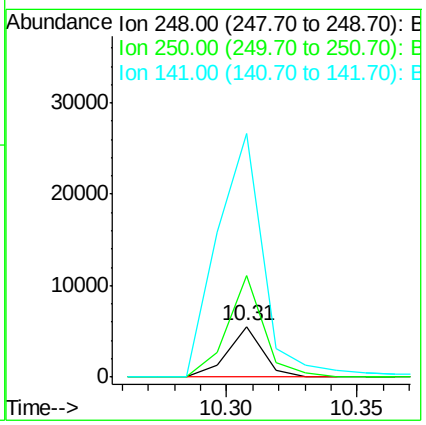


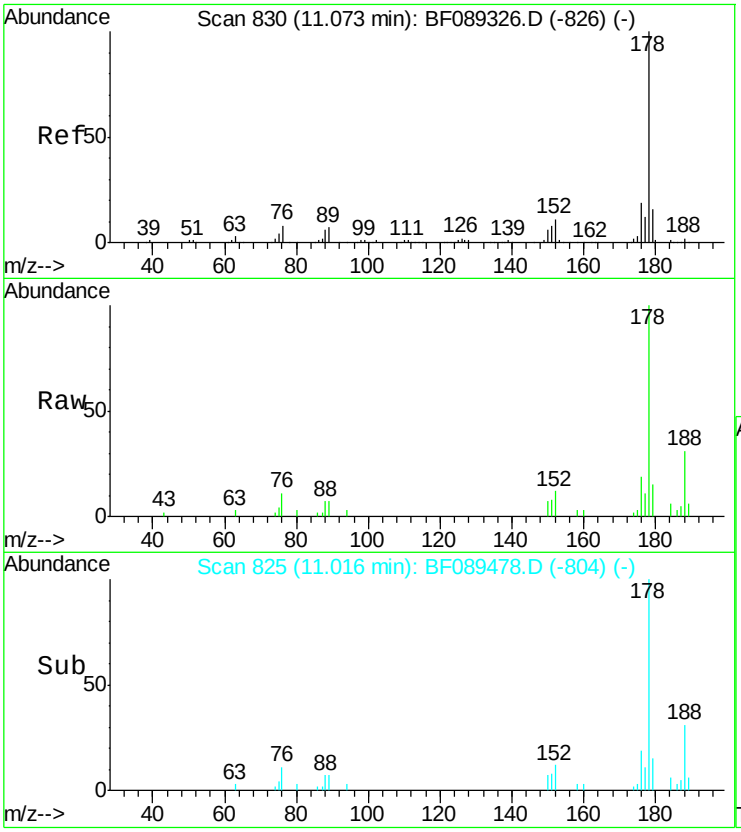


#66
4-Bromophenyl-phenylether
Concen: 5.44 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.30 min
Lab File: BF089478.D
Acq: 31 Jul 2016 18:48

Tgt Ion:248 Resp: 5237

Ion	Ratio	Lower	Upper
248	100		
250	199.4	78.2	117.2#
141	481.1	62.0	93.0#



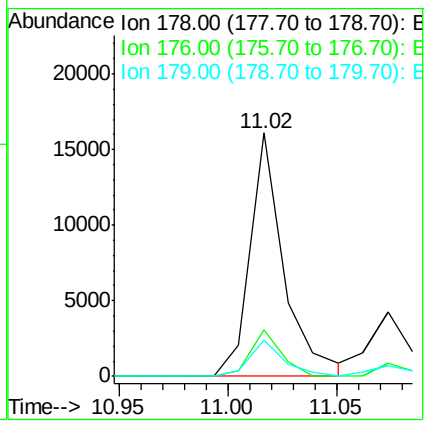


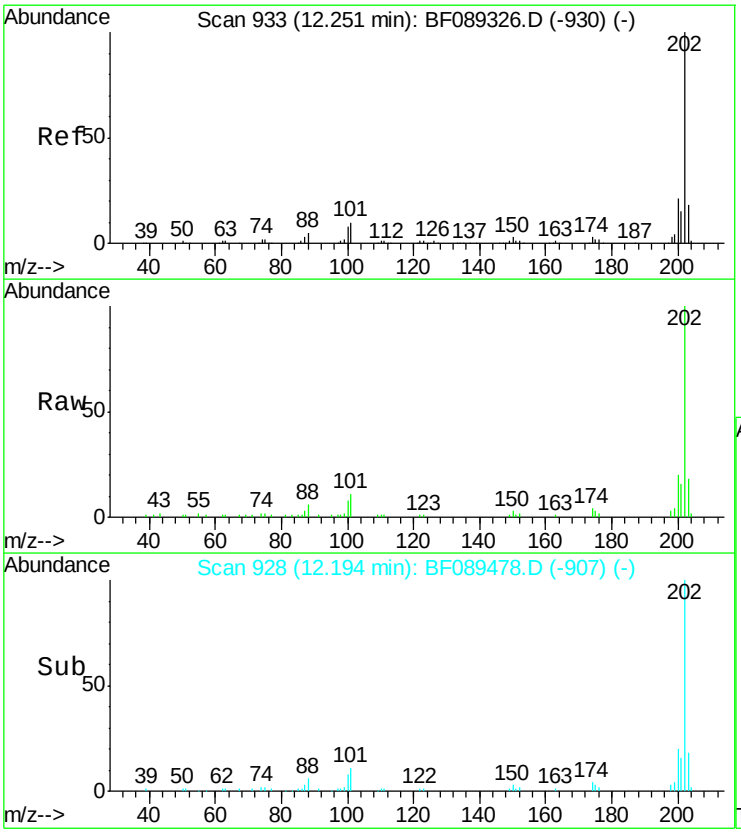
#70
Phenanthrene
Concen: 3.35 ng
RT: 11.02 min Scan# 825
Delta R.T. -0.06 min
Lab File: BF089478.D
Acq: 31 Jul 2016 18:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 17409

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	15.2	12.3	18.5

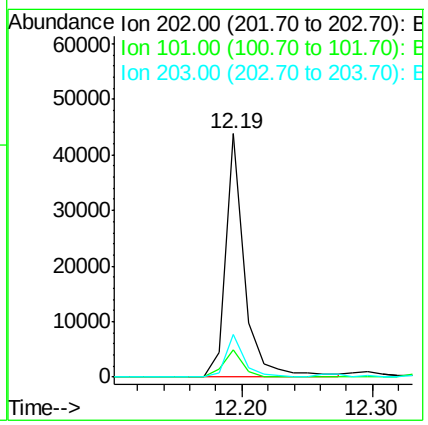


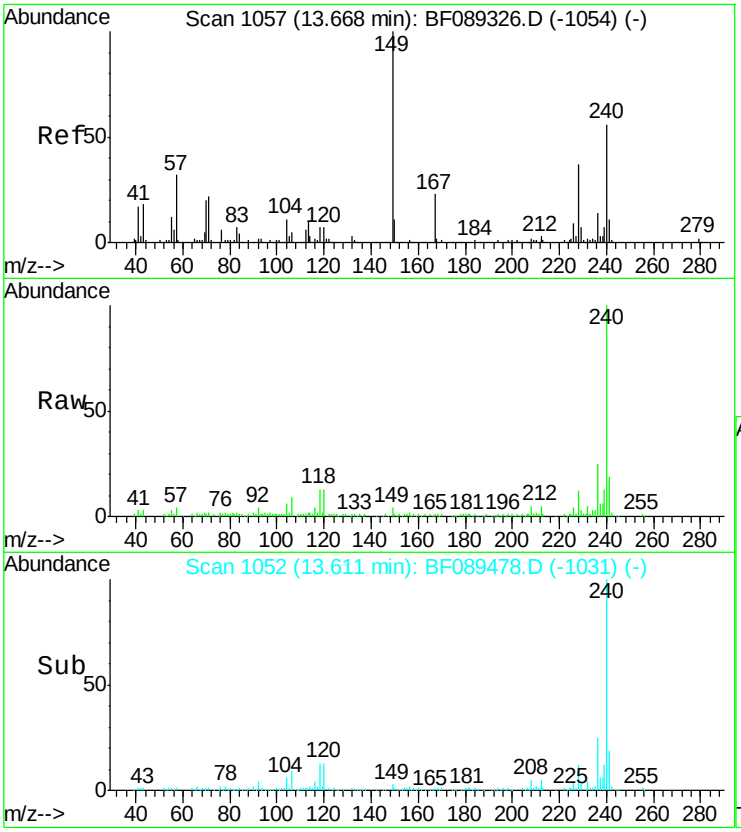


#74
Fluoranthene
Concen: 8.10 ng
RT: 12.19 min Scan# 928
Delta R.T. -0.06 min
Lab File: BF089478.D
Acq: 31 Jul 2016 18:48

Tgt Ion:202 Resp: 44318

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	29.9
203	17.7	0.0	37.3



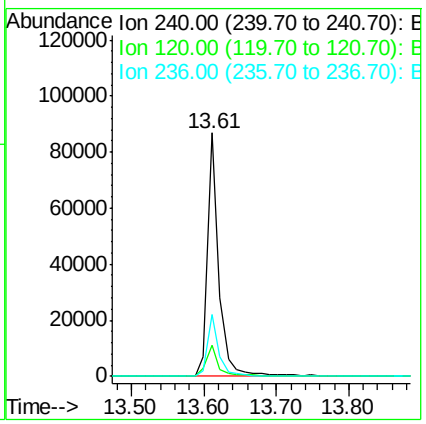


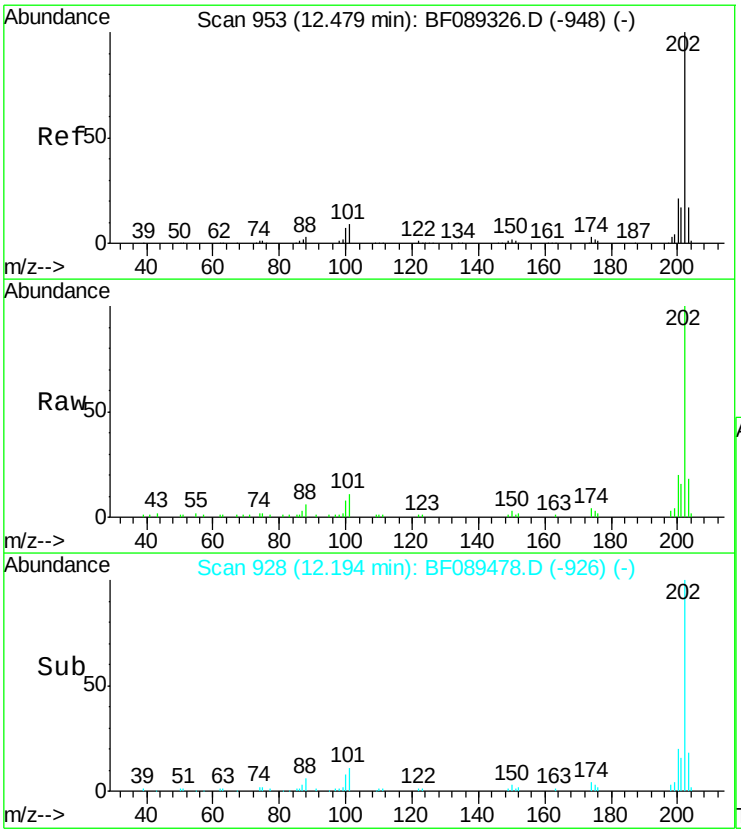
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.61 min Scan# 1052
Delta R.T. -0.06 min
Lab File: BF089478.D
Acq: 31 Jul 2016 18:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 94175

Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.1	13.7
236	25.3	20.6	30.8

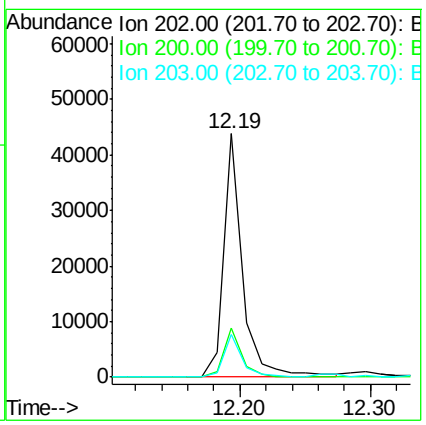


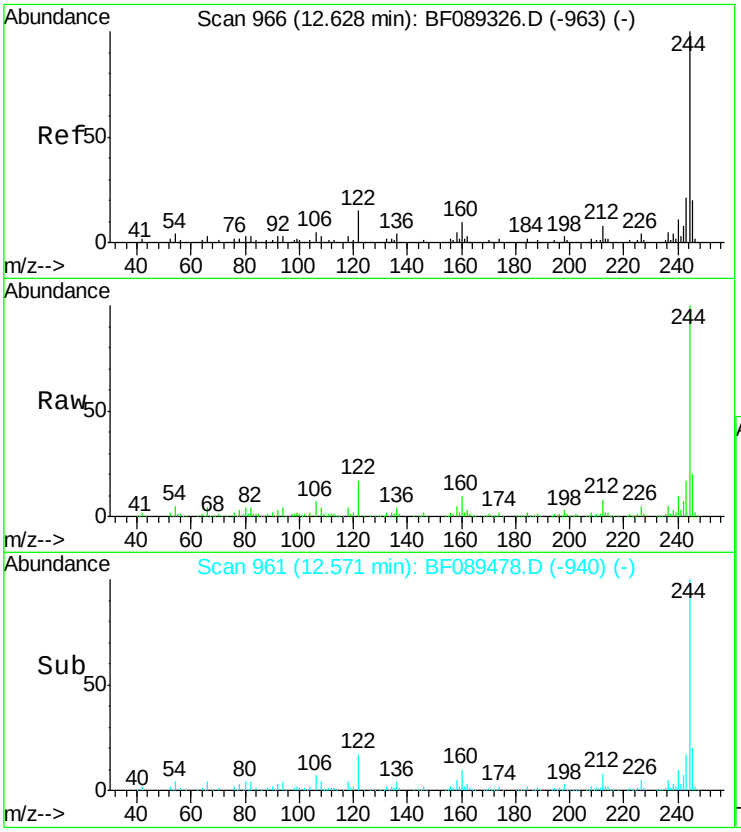


#77
Pyrene
Concen: 6.21 ng
RT: 12.19 min Scan# 928
Delta R.T. -0.27 min
Lab File: BF089478.D
Acq: 31 Jul 2016 18:48

Tgt Ion:202 Resp: 44318

Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.9	25.3
203	17.7	14.0	21.0



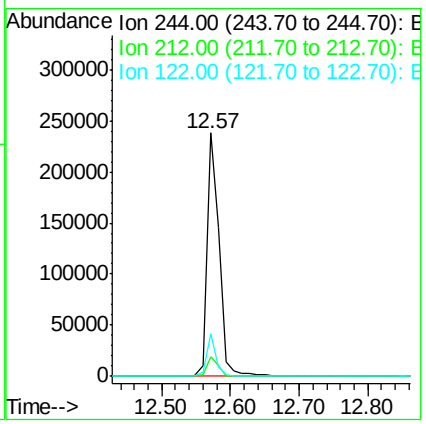


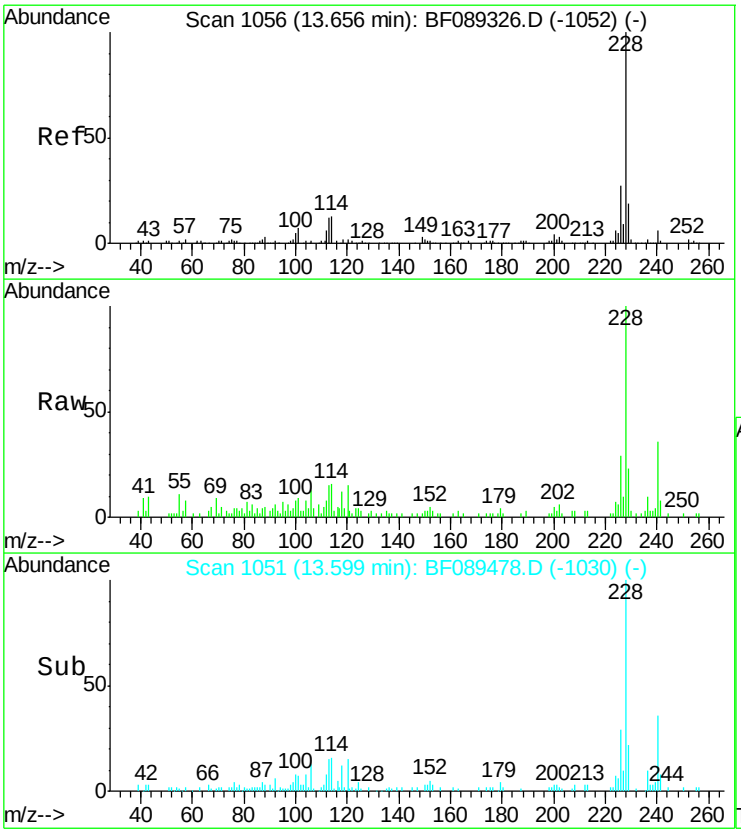
#78
Terphenyl-d14
Concen: 73.15 ng
RT: 12.57 min Scan# 961
Delta R.T. -0.06 min
Lab File: BF089478.D
Acq: 31 Jul 2016 18:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 294331

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	17.4	11.4	17.0#

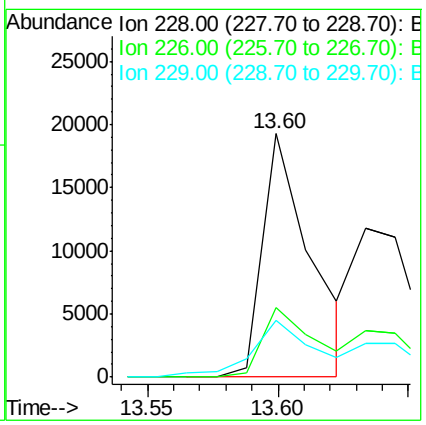


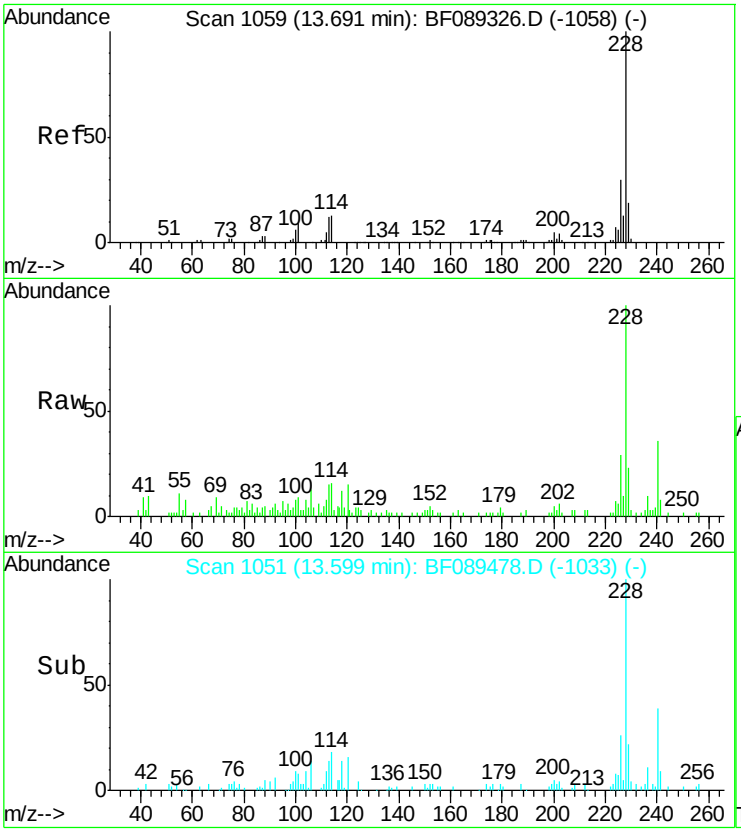


#80
Benzo(a)anthracene
Concen: 4.66 ng
RT: 13.60 min Scan# 1051
Delta R.T. -0.06 min
Lab File: BF089478.D
Acq: 31 Jul 2016 18:48

Tgt Ion:228 Resp: 24747

Ion	Ratio	Lower	Upper
228	100		
226	28.7	21.4	32.2
229	23.2	15.9	23.9



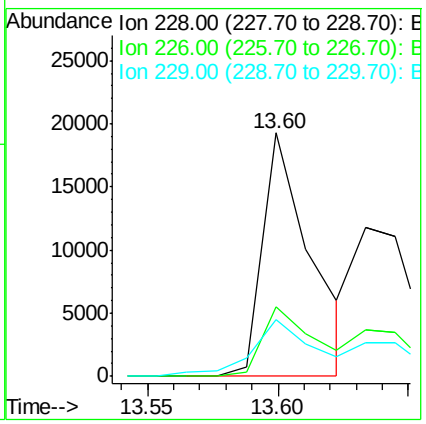


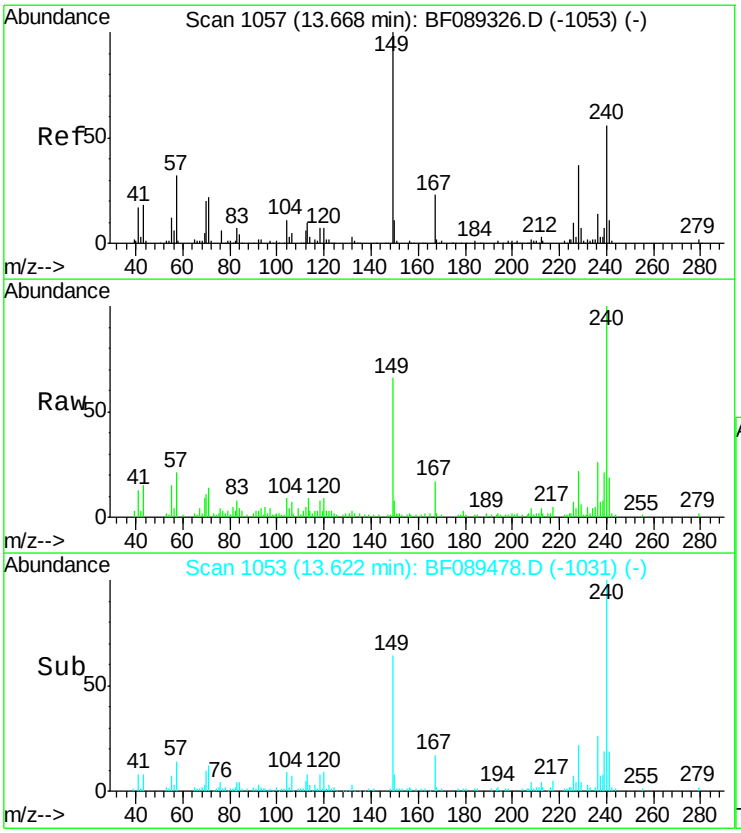
#82
Chrysene
Concen: 4.37 ng
RT: 13.60 min Scan# 1051
Delta R.T. -0.09 min
Lab File: BF089478.D
Acq: 31 Jul 2016 18:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 24747

Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.2	36.2
229	23.2	15.9	23.9

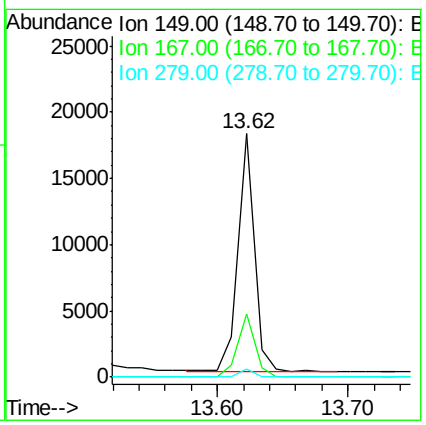


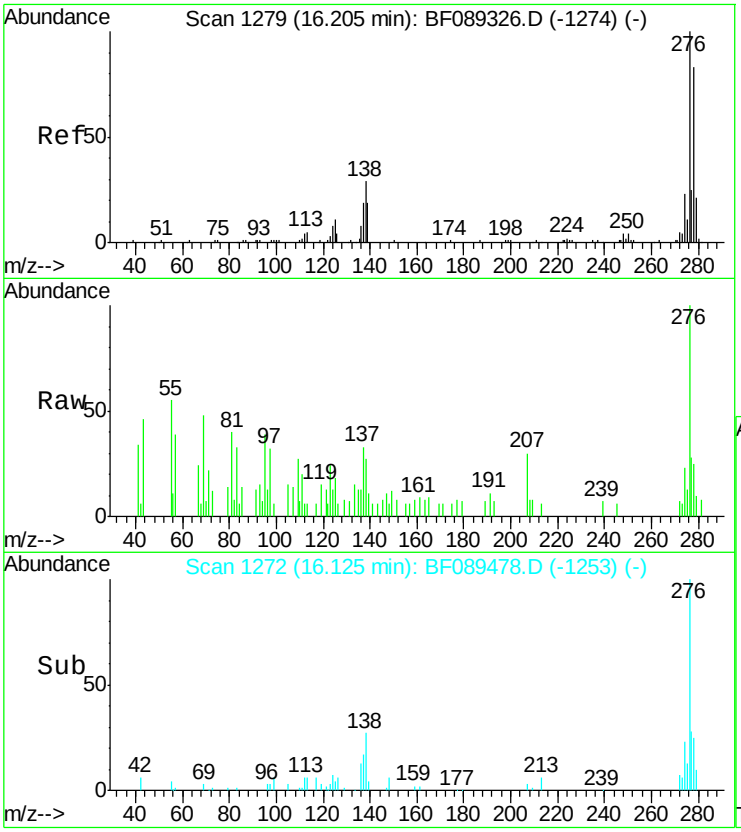


#83
Bis(2-ethylhexyl)phthalate
Concen: 3.34 ng
RT: 13.62 min Scan# 1053
Delta R.T. -0.05 min
Lab File: BF089478.D
Acq: 31 Jul 2016 18:48

Tgt Ion:149 Resp: 15677

Ion	Ratio	Lower	Upper
149	100		
167	26.0	18.8	28.2
279	3.3	1.4	2.0#



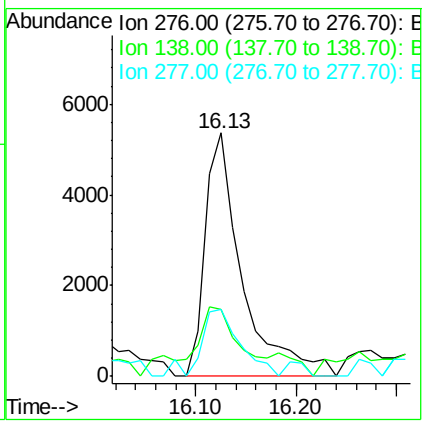


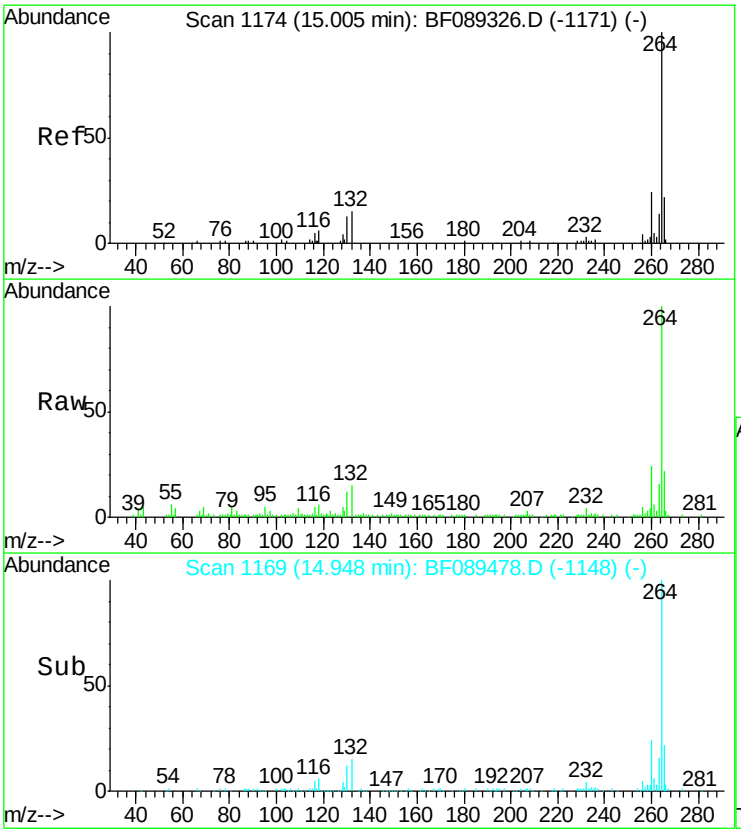
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.42 ng
RT: 16.13 min Scan# 1272
Delta R.T. -0.08 min
Lab File: BF089478.D
Acq: 31 Jul 2016 18:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 13741

Ion	Ratio	Lower	Upper
276	100		
138	37.4	23.0	34.4#
277	29.3	20.2	30.4

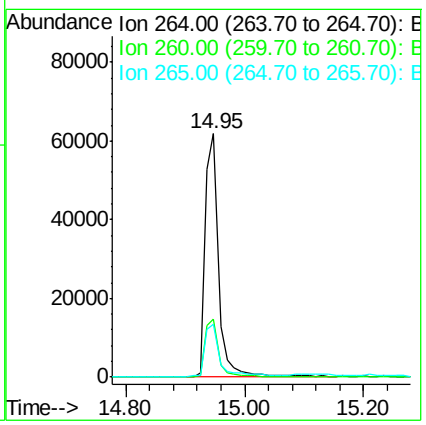


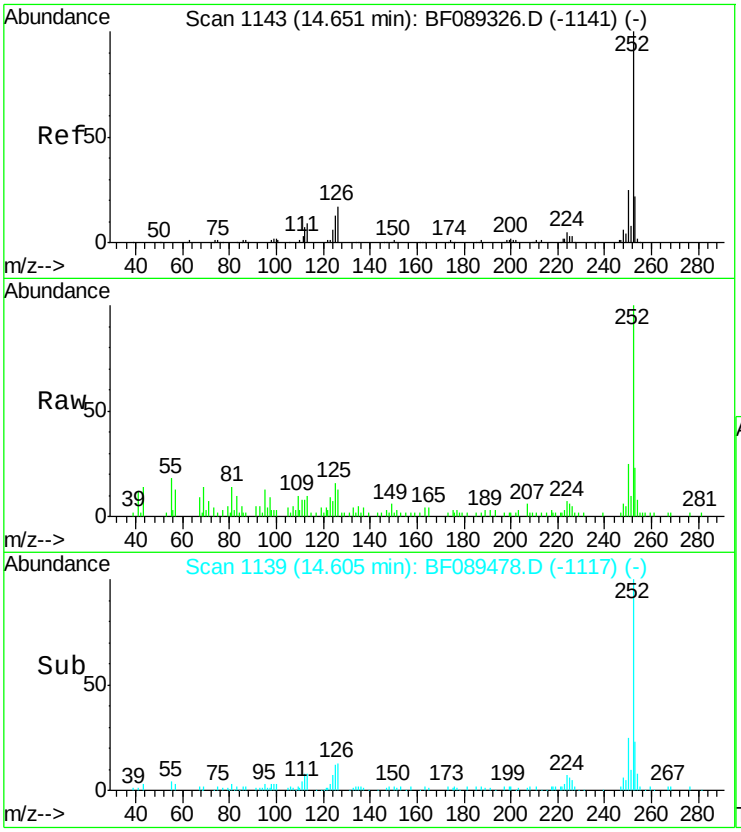


#86
Perylene-d12
Concen: 20.00 ng
RT: 14.95 min Scan# 1169
Delta R.T. -0.06 min
Lab File: BF089478.D
Acq: 31 Jul 2016 18:48

Tgt Ion:264 Resp: 98015

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.4
265	21.7	17.5	26.3



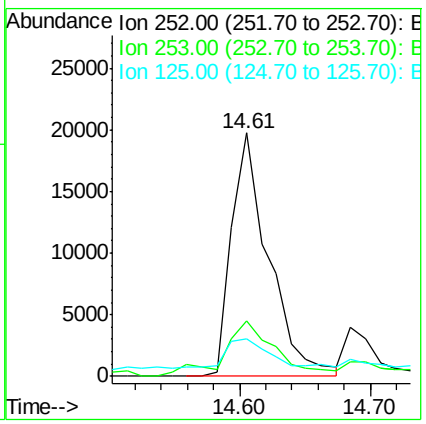


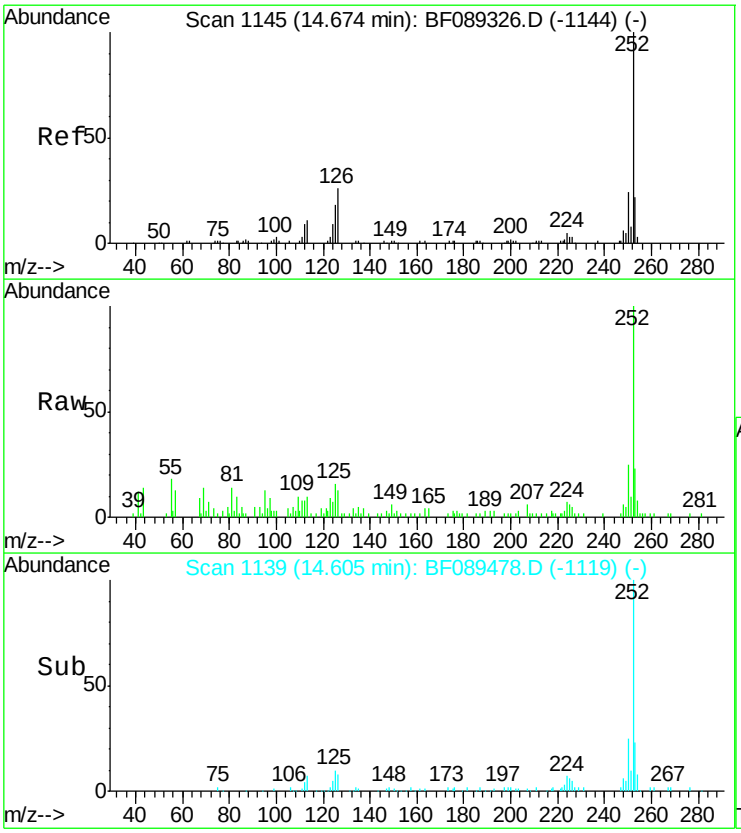
#87
Benzo(b)fluoranthene
Concen: 6.41 ng
RT: 14.61 min Scan# 1139
Delta R.T. -0.05 min
Lab File: BF089478.D
Acq: 31 Jul 2016 18:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 39013

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	15.5	9.7	14.5#

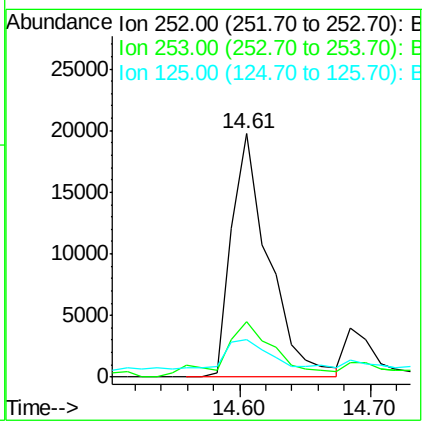


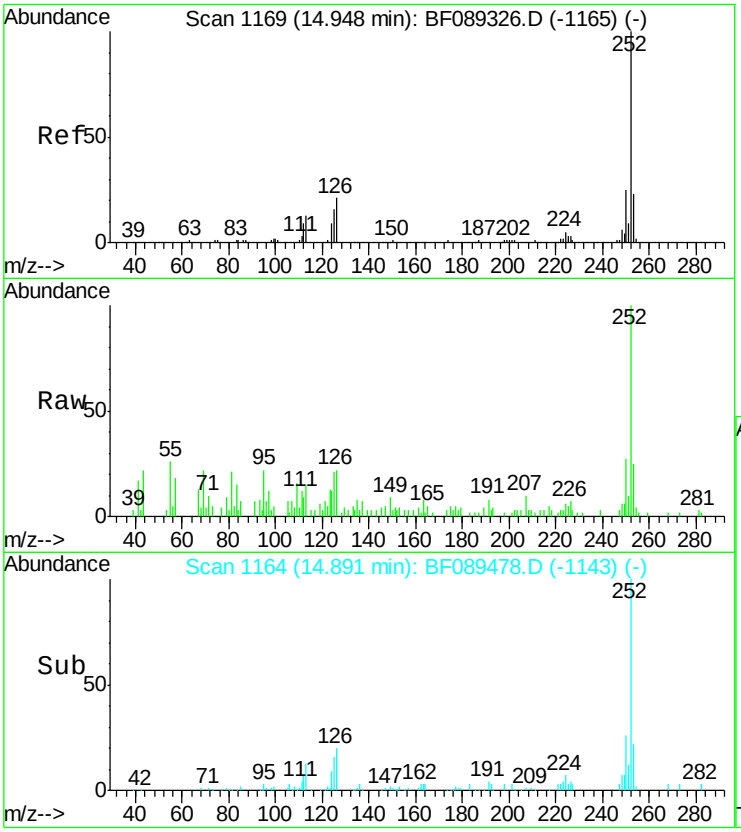


#88
Benzo(k)fluoranthene
Concen: 6.97 ng
RT: 14.61 min Scan# 1139
Delta R.T. -0.07 min
Lab File: BF089478.D
Acq: 31 Jul 2016 18:48

Tgt Ion:252 Resp: 39013

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	15.5	10.7	16.1



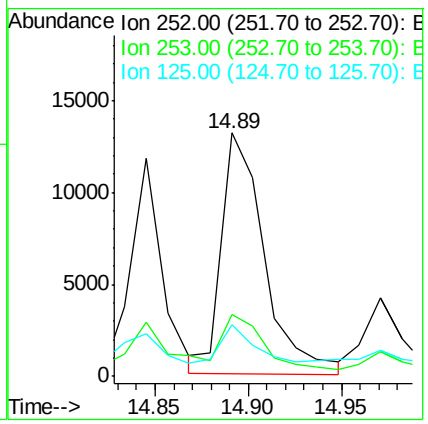


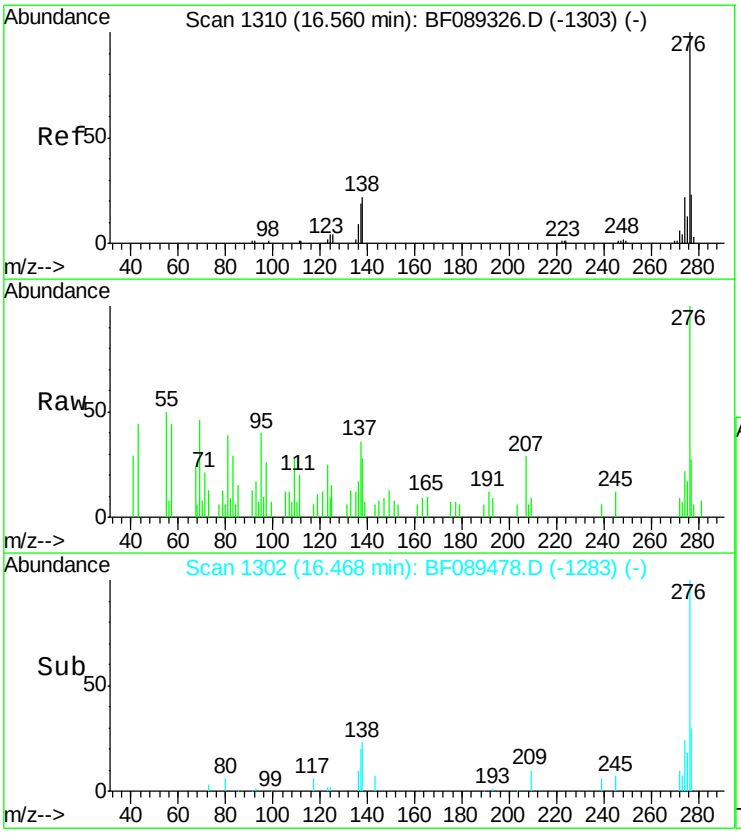
#89
Benzo(a)pyrene
Concen: 3.86 ng
RT: 14.89 min Scan# 1164
Delta R.T. -0.06 min
Lab File: BF089478.D
Acq: 31 Jul 2016 18:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 21050

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.4	26.2
125	21.1	12.4	18.6#





#91
Benzo(g,h,i)perylene
Concen: 2.93 ng
RT: 16.47 min Scan# 1302
Delta R.T. -0.08 min
Lab File: BF089478.D
Acq: 31 Jul 2016 18:48

Tgt Ion:276 Resp: 12405

Ion	Ratio	Lower	Upper
276	100		
277	27.2	18.6	28.0
138	28.3	21.4	32.0