Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
Data File : BF089477.D
Acq On : 31 Jul 2016 18:19
Operator : UM/SJ
Sample : H4252-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 01 01:15:20 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	46723	20.00	ng		-0.06
21) Naphthalene-d8	7.78	136	171396	20.00	ng		-0.05
38) Acenaphthene-d10	9.52	164	75104	20.00	ng		-0.06
63) Phenanthrene-d10	10.99	188	113941	20.00	ng		-0.06
75) Chrysene-d12	13.61	240	89834	20.00	ng		-0.06
86) Perylene-d12	14.94	264	101943	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.06	112	311049	106.30	ng		-0.05
7) Phenol-d6	6.16	99	411892	106.51	ng		-0.05
23) Nitrobenzene-d5	7.06	82	244888	84.34	ng		-0.06
41) 2,4,6-Tribromophenol	10.31	330	58928	94.74	ng		-0.06
44) 2-Fluorobiphenyl	8.86	172	409151	79.95	ng		-0.06
78) Terphenyl-d14	12.57	244	259076	67.50	ng		-0.06
Target Compounds							Qvalue
9) Benzaldehyde	6.26	77	7993	4.23	ng		81
19) n-Nitroso-di-n-propylamine	7.06	70	31732	13.61	ng	#	83
49) Dimethylphthalate	9.26	163	79595	13.93	ng		99
56) 2,4-Dinitrotoluene	9.52	165	9498	6.14	ng	#	7
66) 4-Bromophenyl-phenylether	10.31	248	4772	4.39	ng	#	1
74) Fluoranthene	12.19	202	18280	2.96	ng		93
77) Pyrene	12.42	202	17954	2.64	ng		94
80) Benzo(a)anthracene	13.60	228	12226	2.41	ng		96
85) Indeno(1,2,3-cd)pyrene	16.13	276	8733	2.28	ng		95
87) Benzo(b)fluoranthene	14.61	252	22038	3.48	ng	#	97
88) Benzo(k)fluoranthene	14.61	252	22038	3.79	ng		97
89) Benzo(a)pyrene	14.89	252	11708	2.06	ng		95

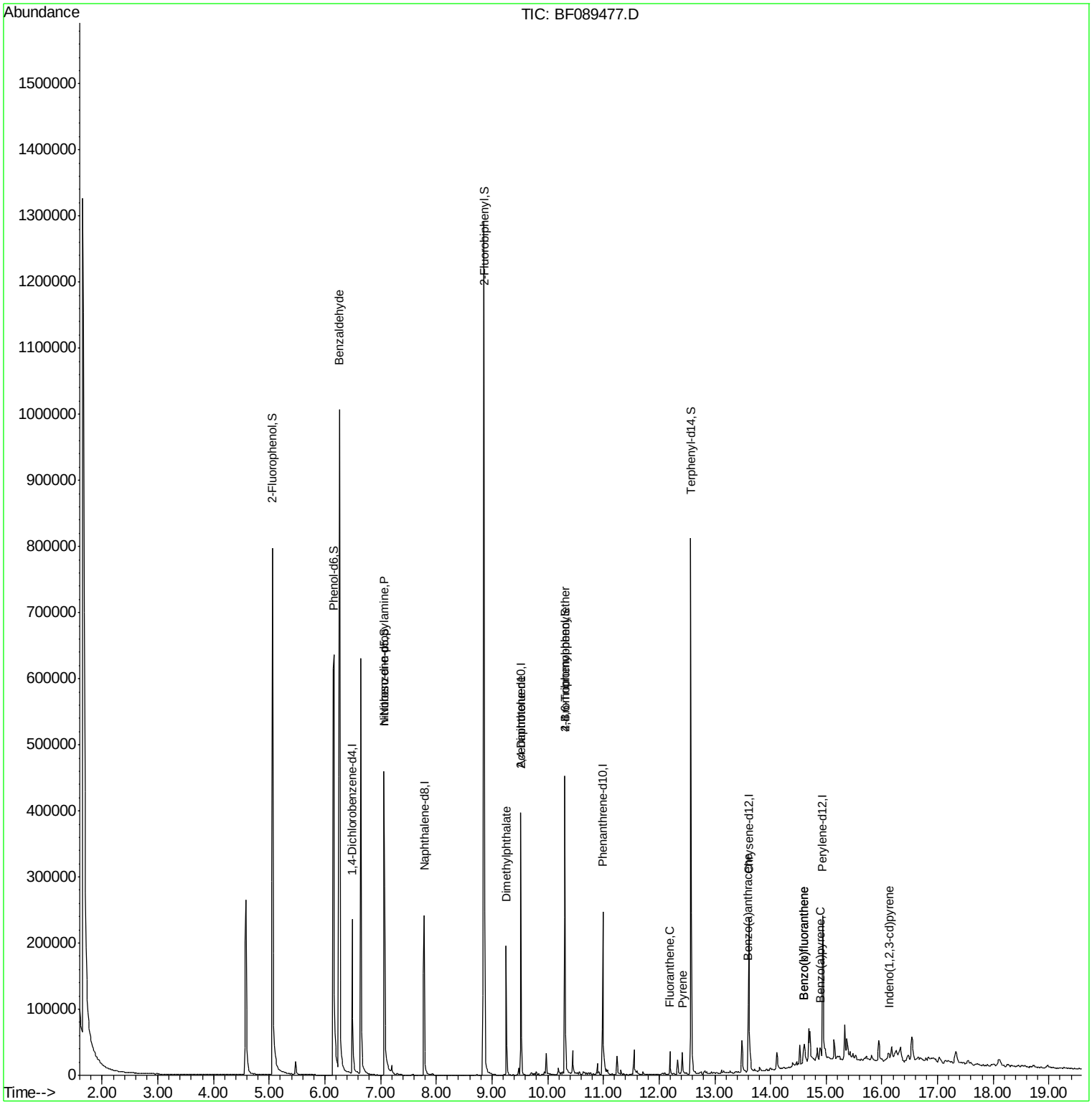
(#) = qualifier out of range (m) = manual integration (+) = signals summed

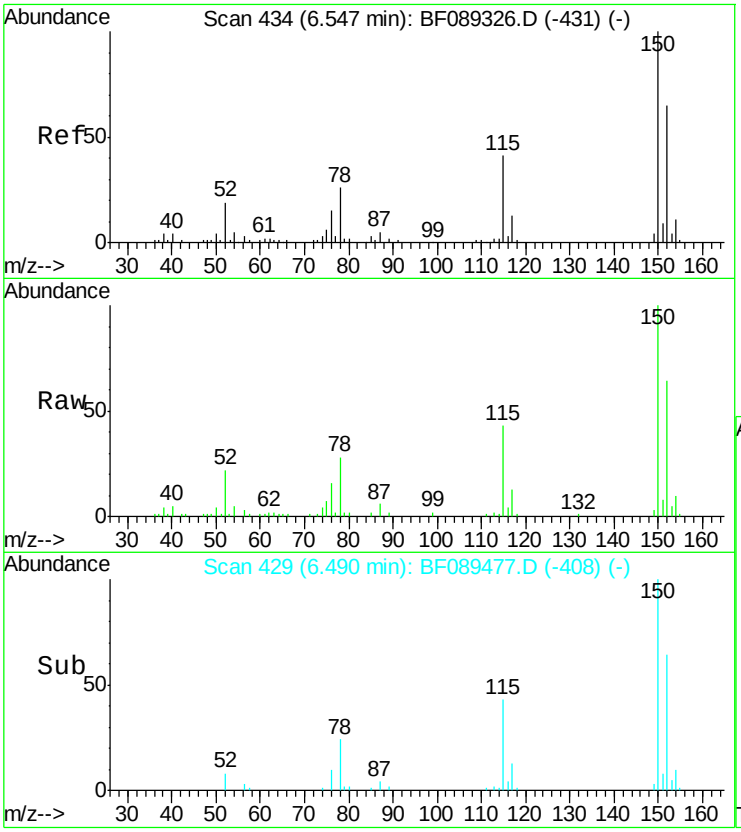
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
Data File : BF089477.D
Acq On : 31 Jul 2016 18:19
Operator : UM/SJ
Sample : H4252-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 01 01:15:20 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



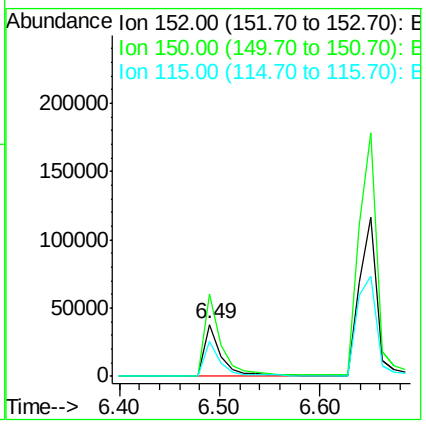


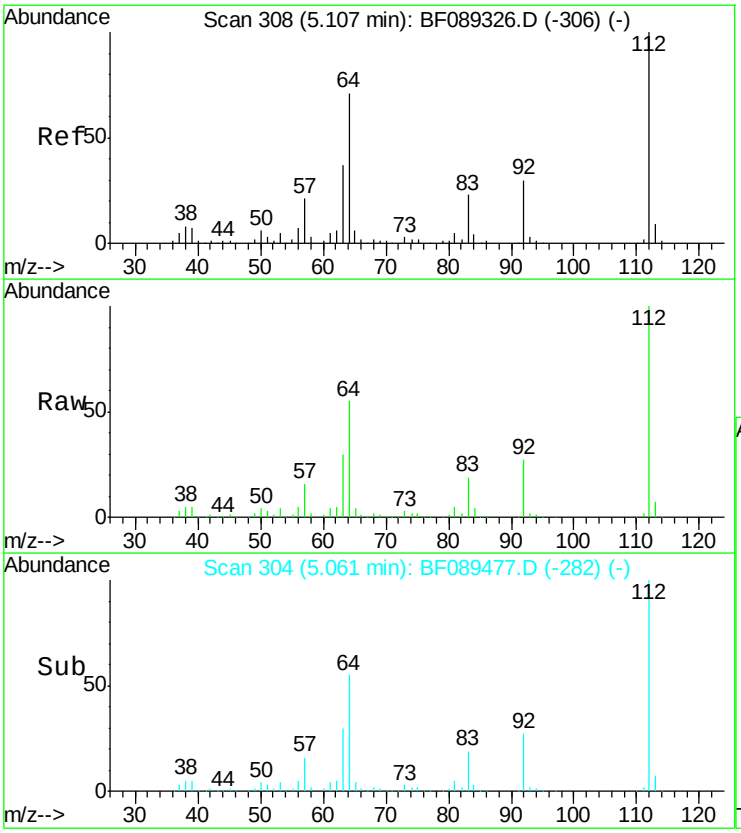
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 429
Delta R.T. -0.06 min
Lab File: BF089477.D
Acq: 31 Jul 2016 18:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 46723

Ion	Ratio	Lower	Upper
152	100		
150	157.2	129.5	194.3
115	68.2	51.4	77.2

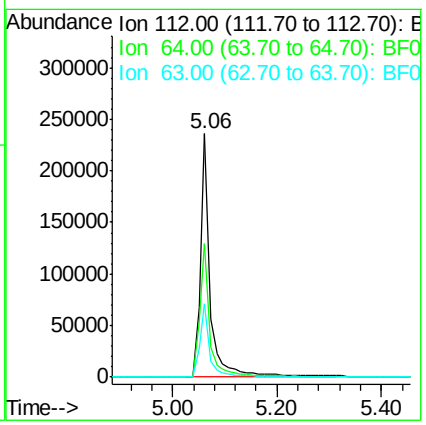


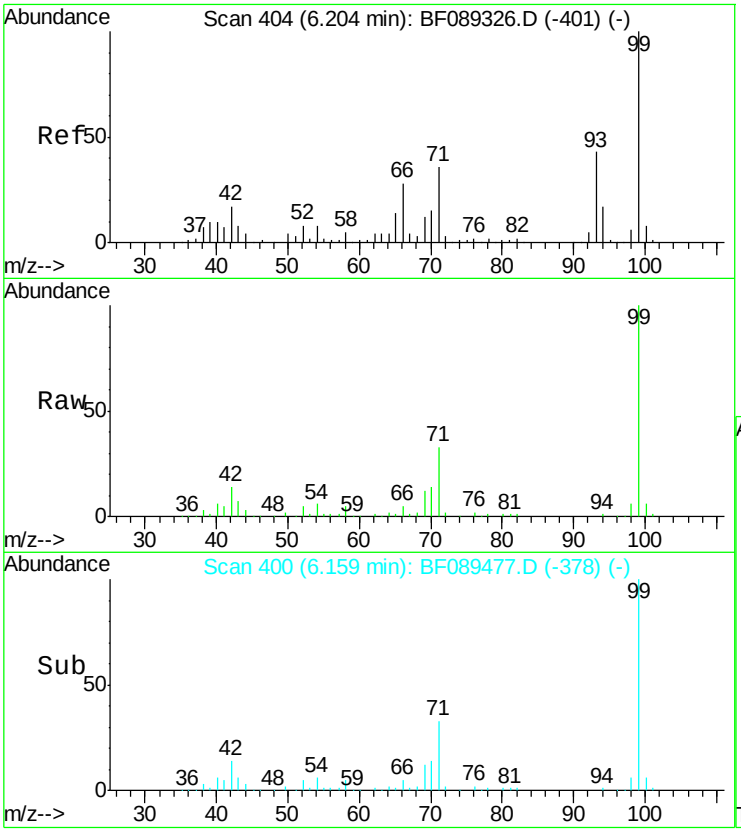


#5
2-Fluorophenol
Concen: 106.30 ng
RT: 5.06 min Scan# 304
Delta R.T. -0.05 min
Lab File: BF089477.D
Acq: 31 Jul 2016 18:19

Tgt Ion:112 Resp: 311049

Ion	Ratio	Lower	Upper
112	100		
64	55.0	55.0	82.6#
63	29.9	29.4	44.2



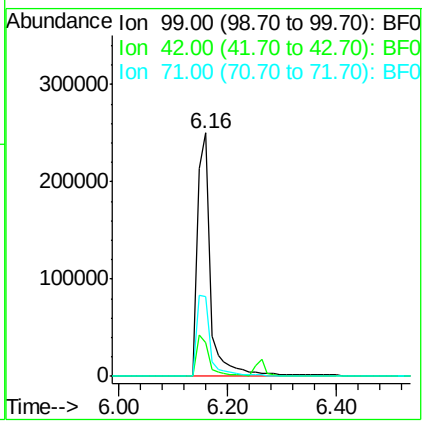


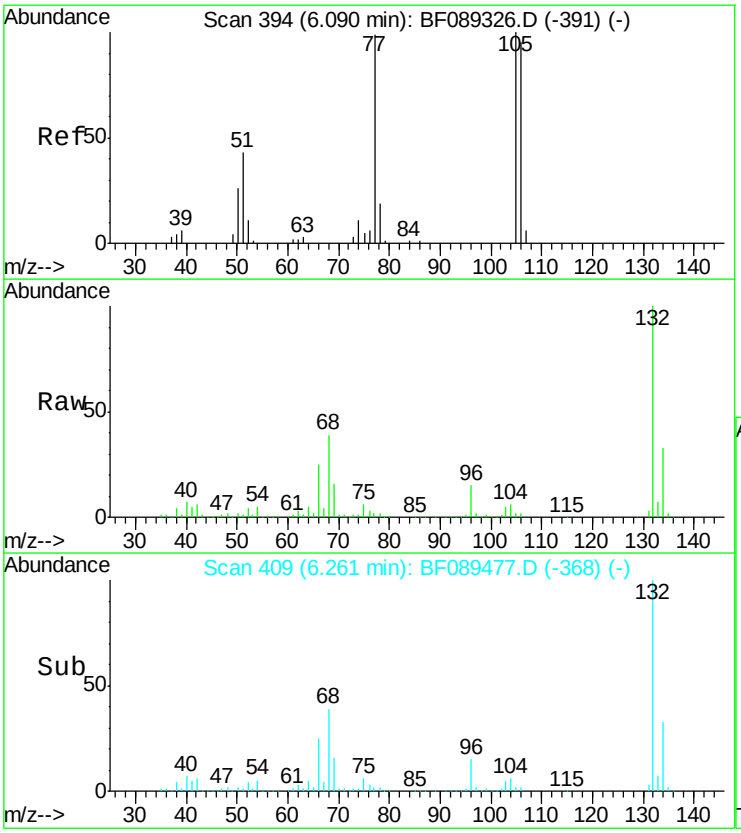
#7
Phenol-d6
Concen: 106.51 ng
RT: 6.16 min Scan# 400
Delta R.T. -0.05 min
Lab File: BF089477.D
Acq: 31 Jul 2016 18:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 411892

Ion	Ratio	Lower	Upper
99	100		
42	13.6	13.6	20.4#
71	32.8	29.4	44.2

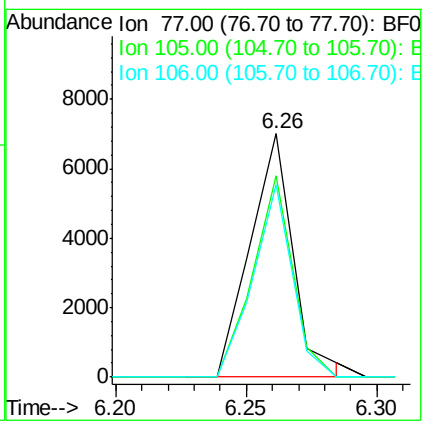


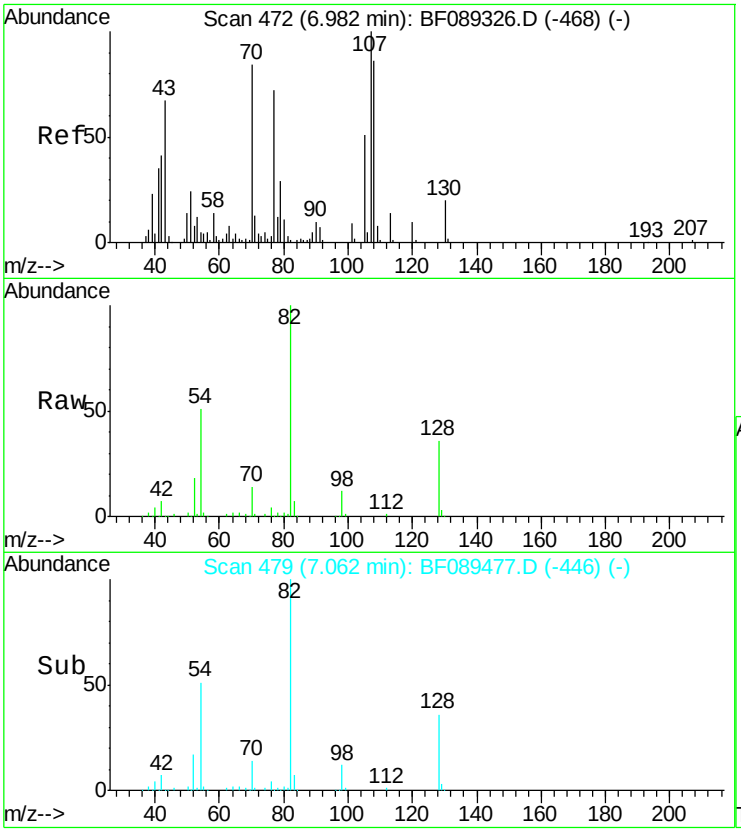


#9
Benzaldehyde
Concen: 4.23 ng
RT: 6.26 min Scan# 409
Delta R.T. 0.17 min
Lab File: BF089477.D
Acq: 31 Jul 2016 18:19

Tgt Ion: 77 Resp: 7993

Ion	Ratio	Lower	Upper
77	100		
105	83.0	82.9	122.9
106	78.8	75.9	115.9



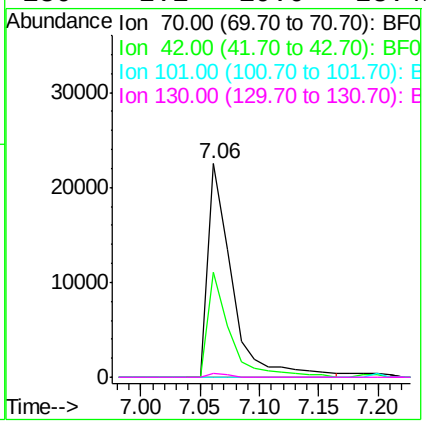


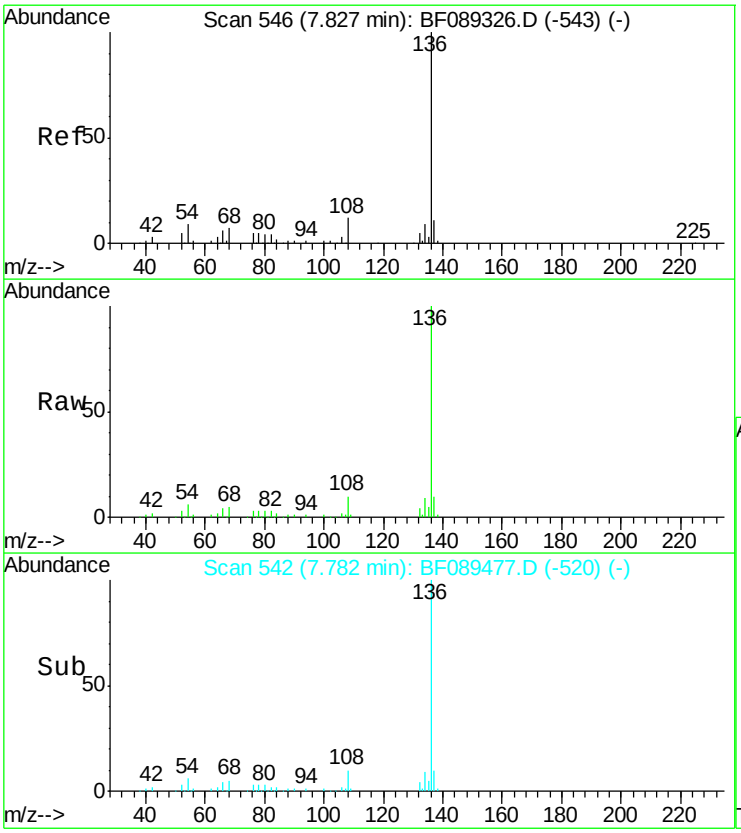
#19
n-Nitroso-di-n-propylamine
Concen: 13.61 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.08 min
Lab File: BF089477.D
Acq: 31 Jul 2016 18:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 31732

Ion	Ratio	Lower	Upper
70	100		
42	49.4	38.6	57.8
101	0.0	8.3	12.5#
130	2.1	19.0	28.4#

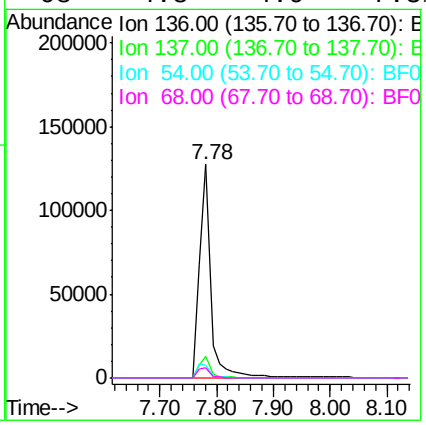


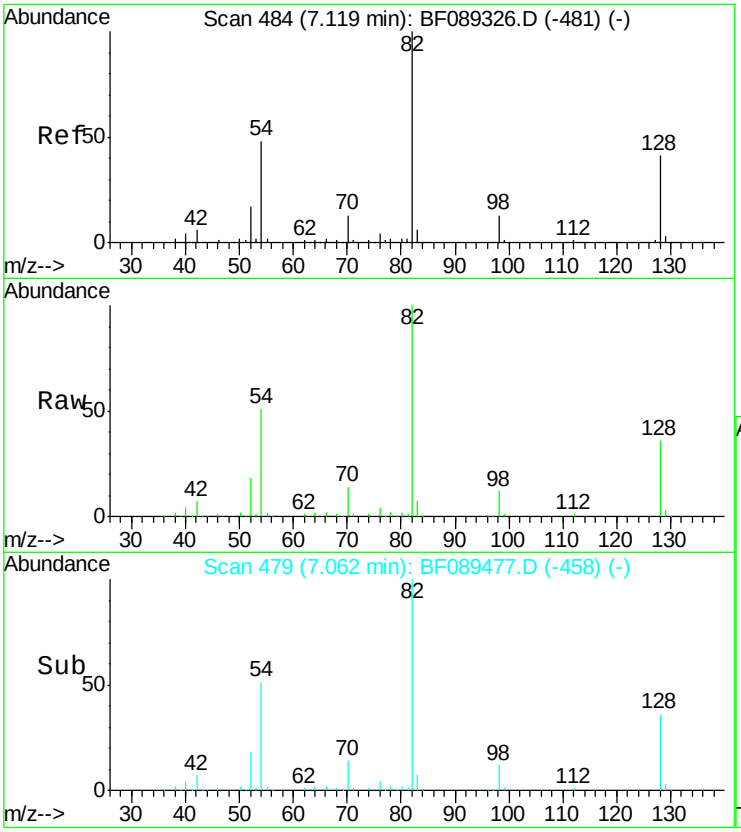


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.05 min
Lab File: BF089477.D
Acq: 31 Jul 2016 18:19

Tgt Ion:136 Resp: 171396

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.6	13.0
54	5.7	7.0	10.4#
68	4.8	4.9	7.3#



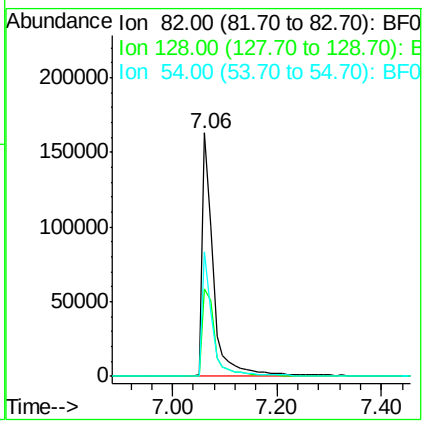


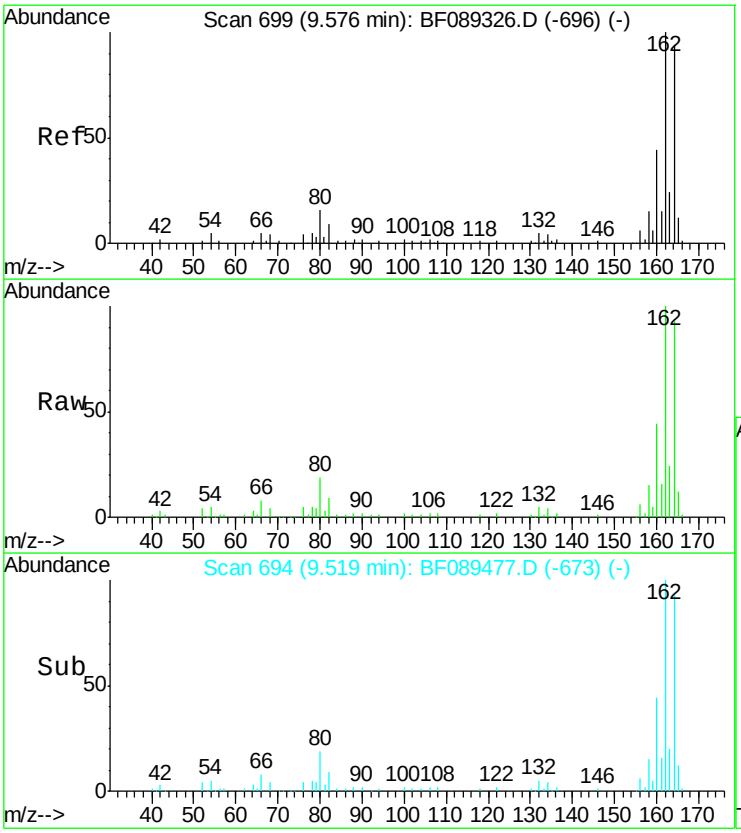
#23
Nitrobenzene-d5
Concen: 84.34 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.06 min
Lab File: BF089477.D
Acq: 31 Jul 2016 18:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 244888

Ion	Ratio	Lower	Upper
82	100		
128	35.7	32.5	48.7
54	51.2	38.8	58.2

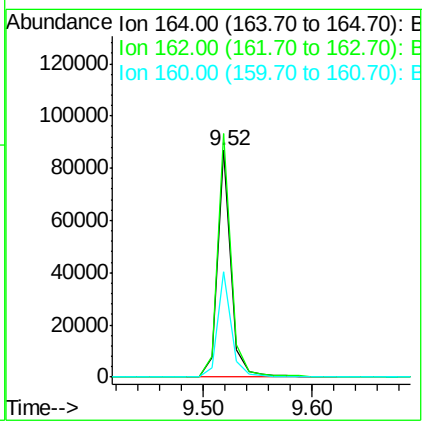


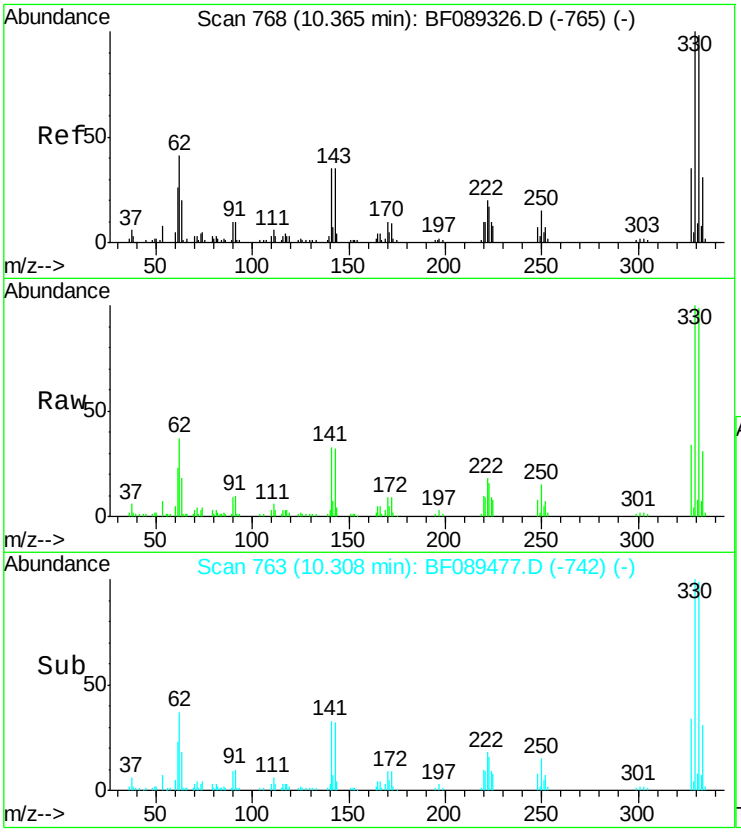


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.06 min
Lab File: BF089477.D
Acq: 31 Jul 2016 18:19

Tgt Ion:164 Resp: 75104

Ion	Ratio	Lower	Upper
164	100		
162	107.3	83.7	125.5
160	46.7	37.8	56.6



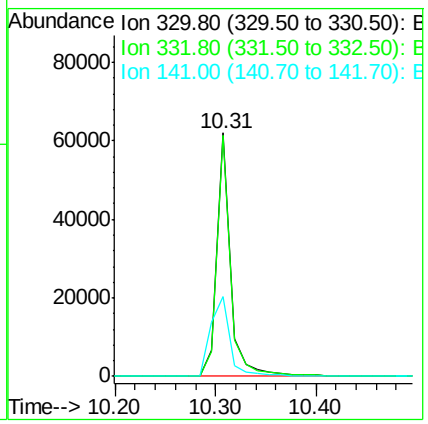


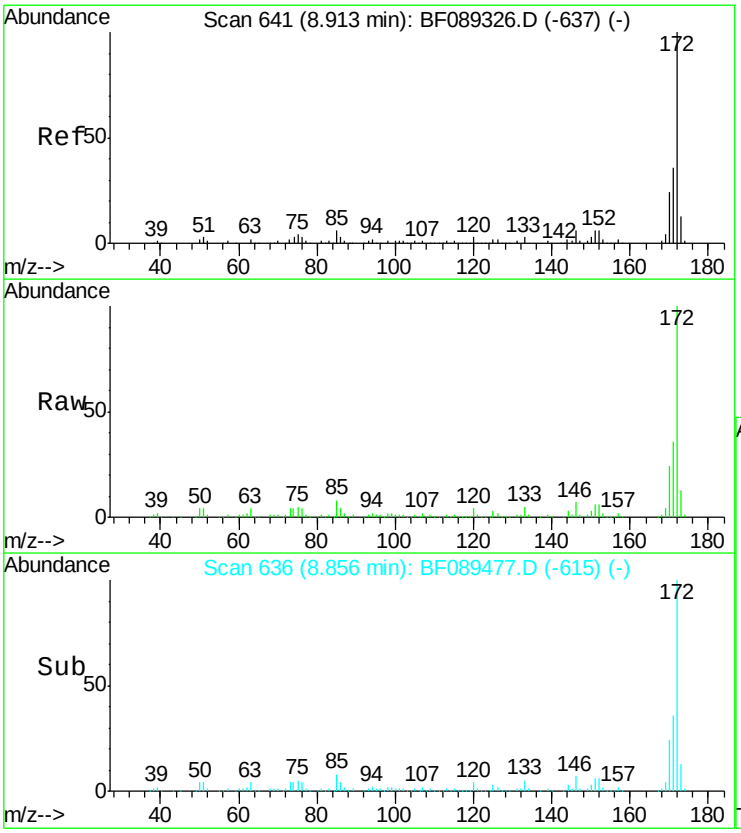
#41
2,4,6-Tribromophenol
Concen: 94.74 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.06 min
Lab File: BF089477.D
Acq: 31 Jul 2016 18:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 58928

Ion	Ratio	Lower	Upper
330	100		
332	98.5	76.8	115.2
141	46.2	37.3	55.9

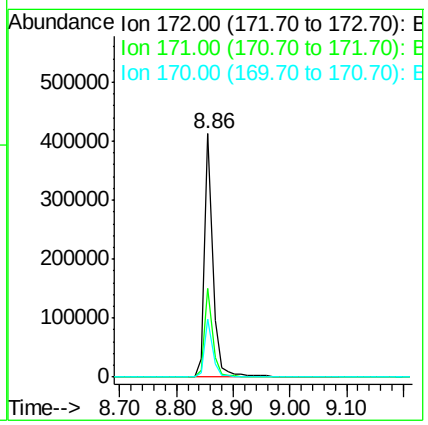


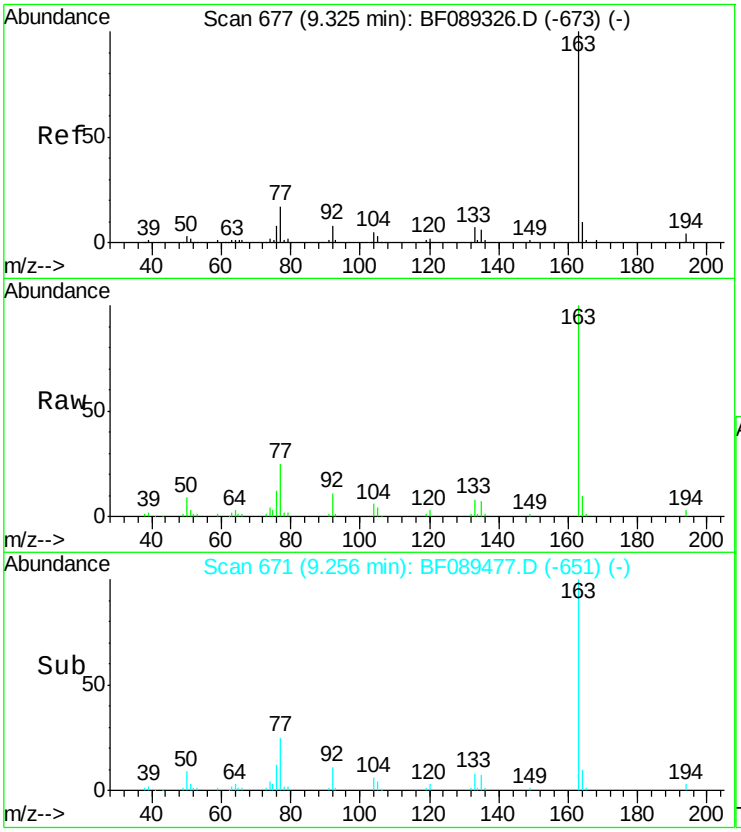


#44
2-Fluorobiphenyl
Concen: 79.95 ng
RT: 8.86 min Scan# 636
Delta R.T. -0.06 min
Lab File: BF089477.D
Acq: 31 Jul 2016 18:19

Tgt Ion:172 Resp: 409151

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.2	43.8
170	23.8	19.2	28.8



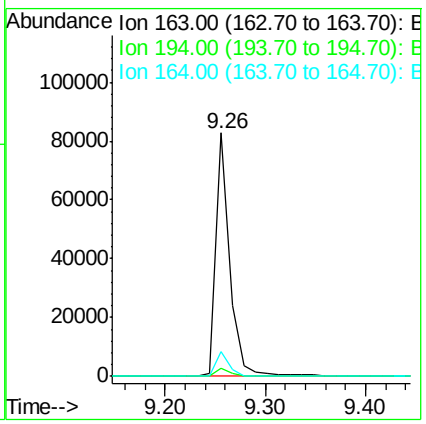


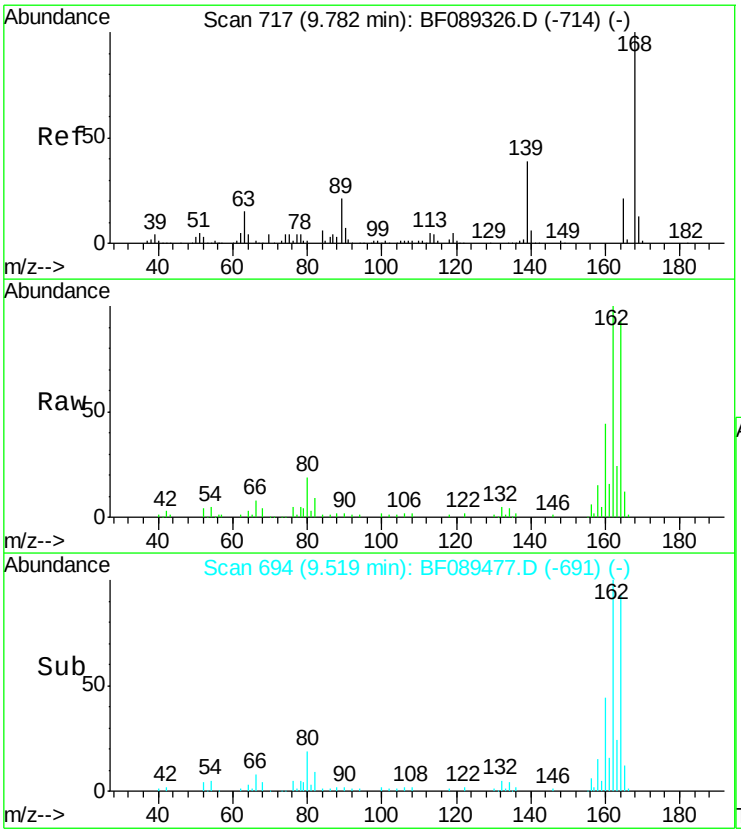
#49
Dimethylphthalate
Concen: 13.93 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.07 min
Lab File: BF089477.D
Acq: 31 Jul 2016 18:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 79595

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.2	7.8	11.8

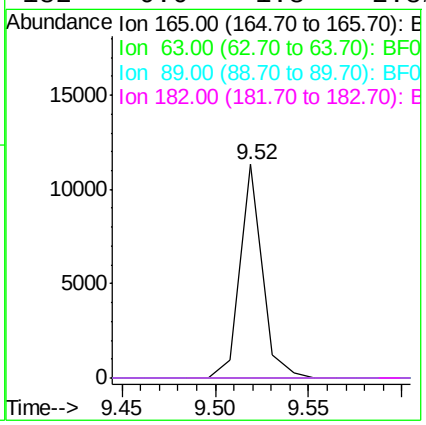


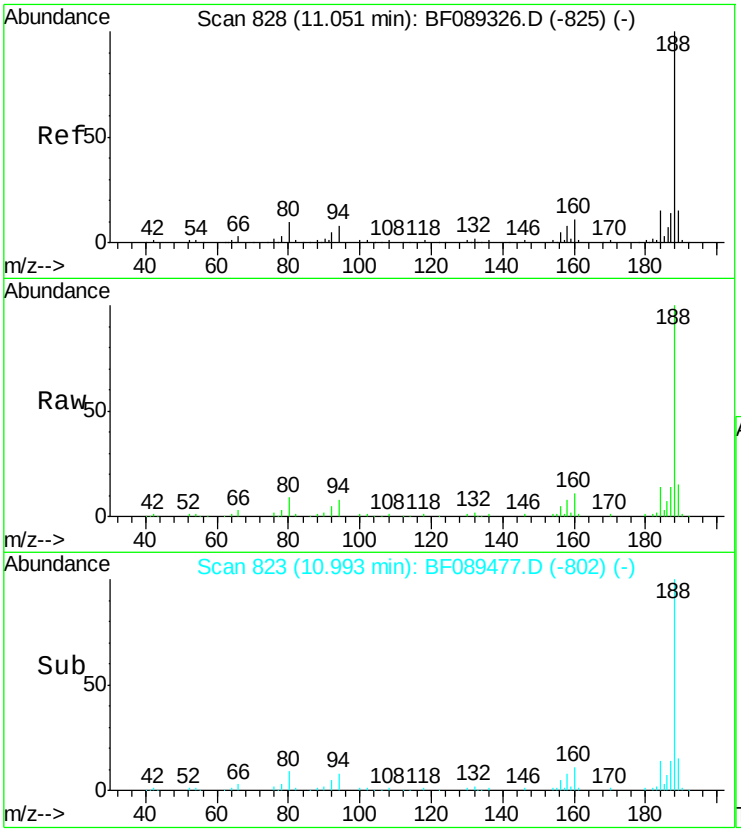


#56
2,4-Dinitrotoluene
Concen: 6.14 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.26 min
Lab File: BF089477.D
Acq: 31 Jul 2016 18:19

Tgt Ion:165 Resp: 9498

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#



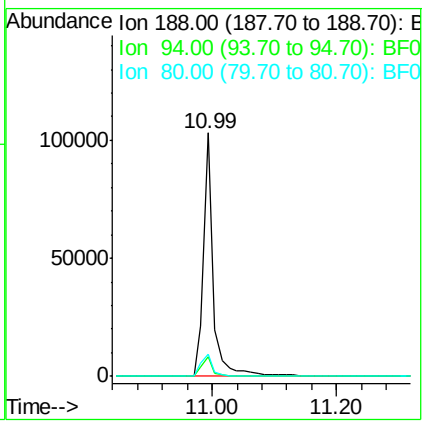


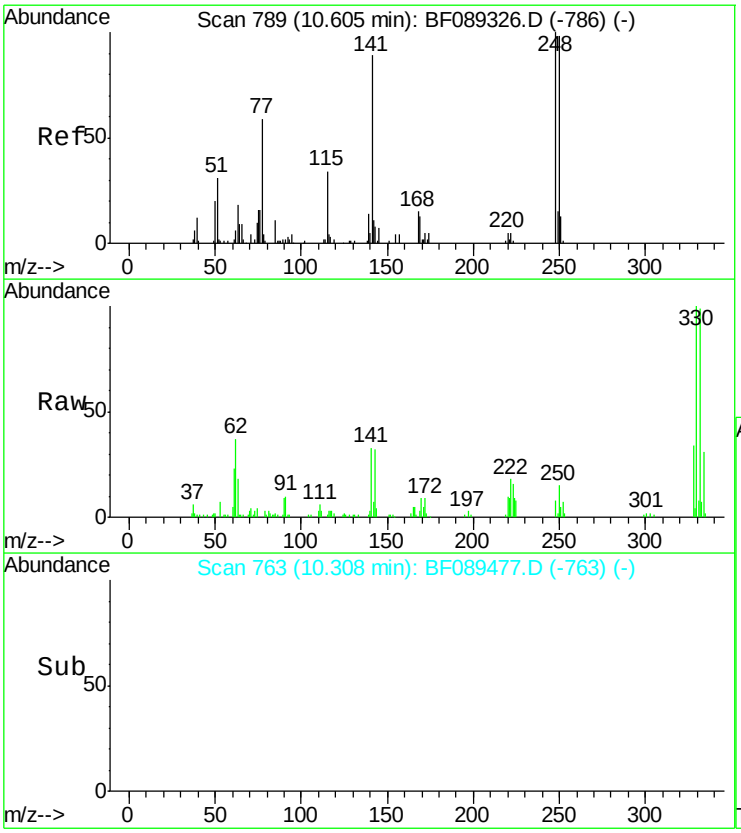
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.06 min
Lab File: BF089477.D
Acq: 31 Jul 2016 18:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 113941

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.5	9.7
80	9.3	7.2	10.8

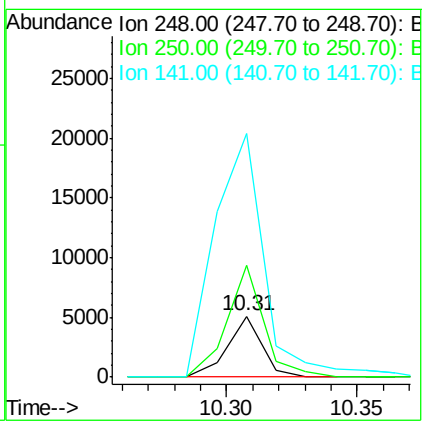


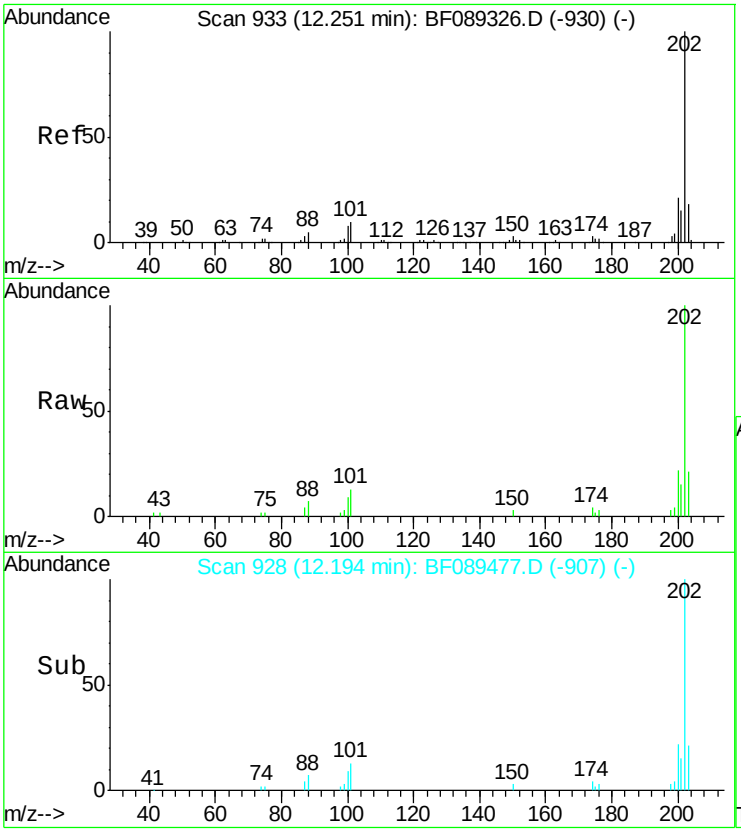


#66
4-Bromophenyl-phenylether
Concen: 4.39 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.30 min
Lab File: BF089477.D
Acq: 31 Jul 2016 18:19

Tgt Ion:248 Resp: 4772

Ion	Ratio	Lower	Upper
248	100		
250	183.0	78.2	117.2#
141	400.6	62.0	93.0#



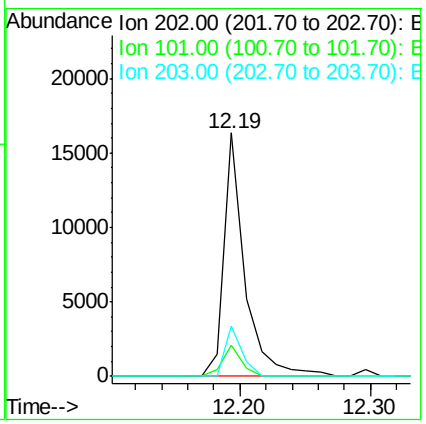


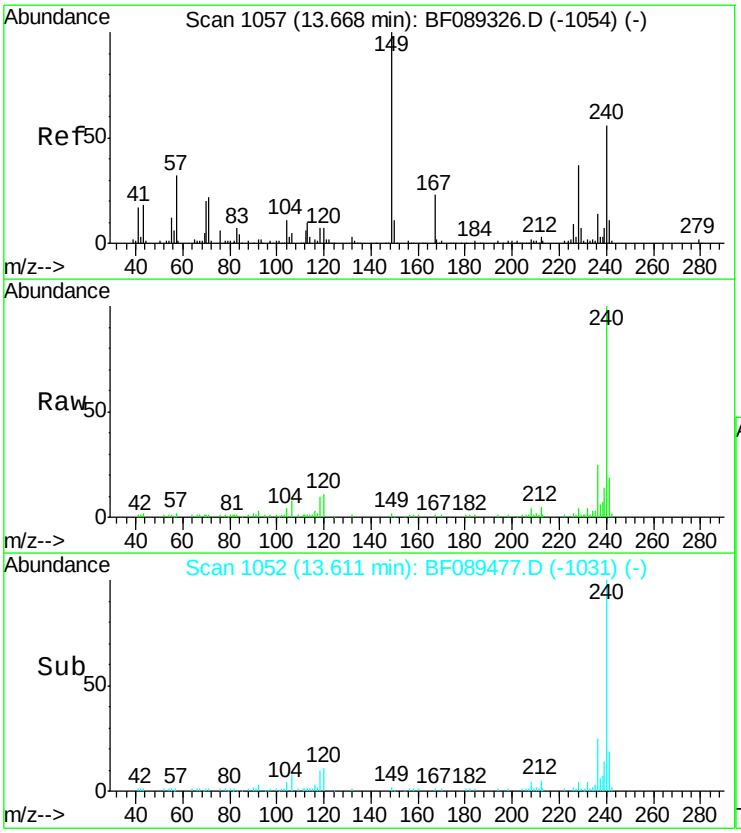
#74
Fluoranthene
Concen: 2.96 ng
RT: 12.19 min Scan# 928
Delta R.T. -0.06 min
Lab File: BF089477.D
Acq: 31 Jul 2016 18:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 18280

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	29.9
203	20.5	0.0	37.3

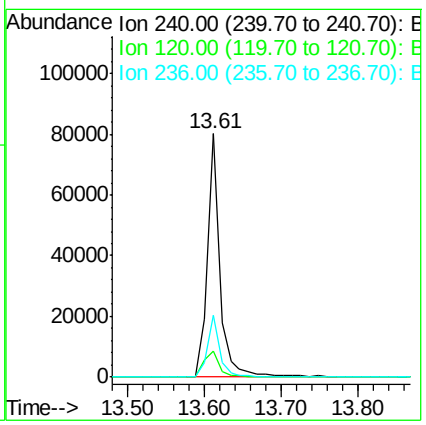


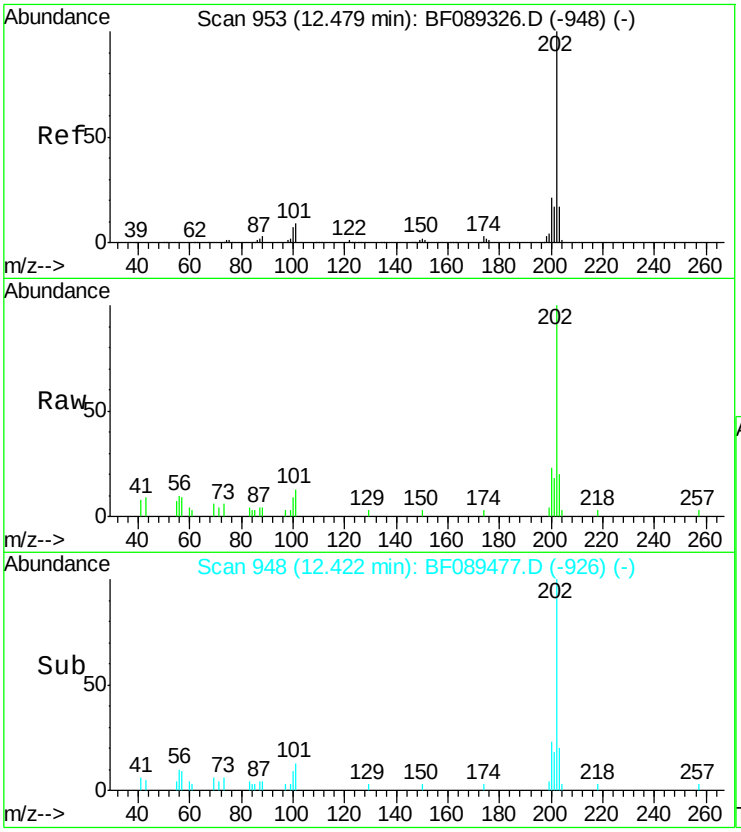


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.61 min Scan# 1052
Delta R.T. -0.06 min
Lab File: BF089477.D
Acq: 31 Jul 2016 18:19

Tgt Ion:240 Resp: 89834

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.1	13.7
236	25.4	20.6	30.8



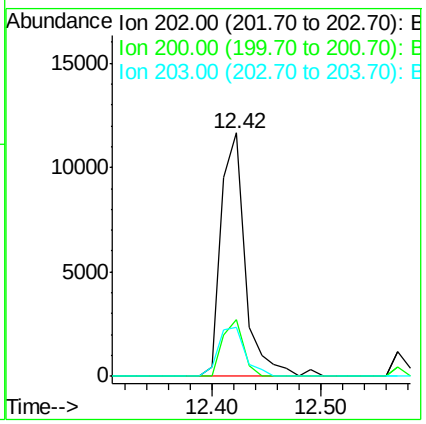


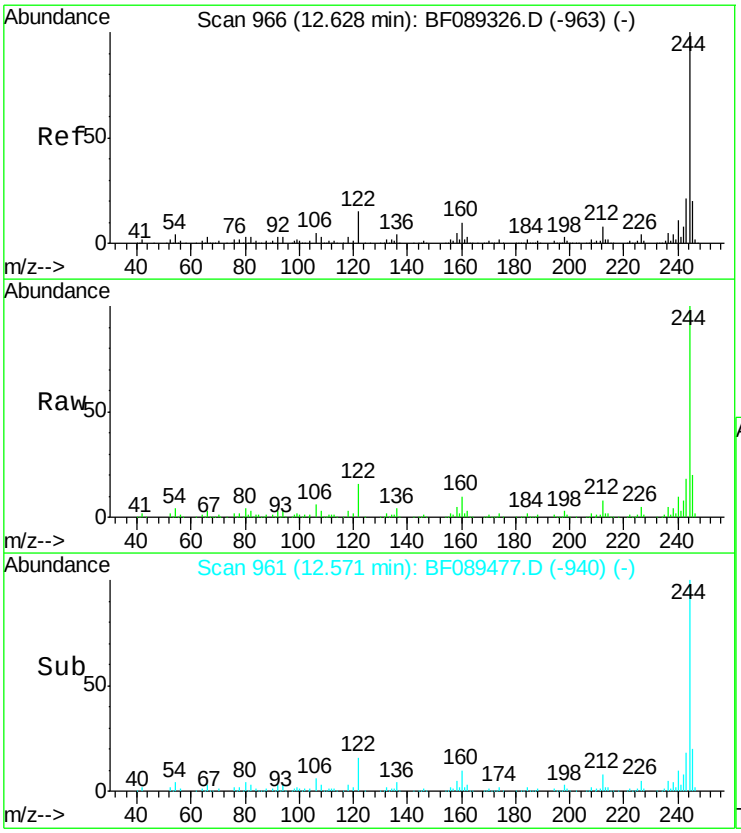
#77
Pyrene
Concen: 2.64 ng
RT: 12.42 min Scan# 948
Delta R.T. -0.05 min
Lab File: BF089477.D
Acq: 31 Jul 2016 18:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 17954

Ion	Ratio	Lower	Upper
202	100		
200	23.4	16.9	25.3
203	20.3	14.0	21.0

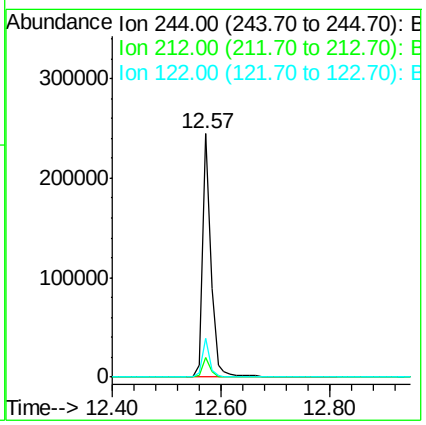


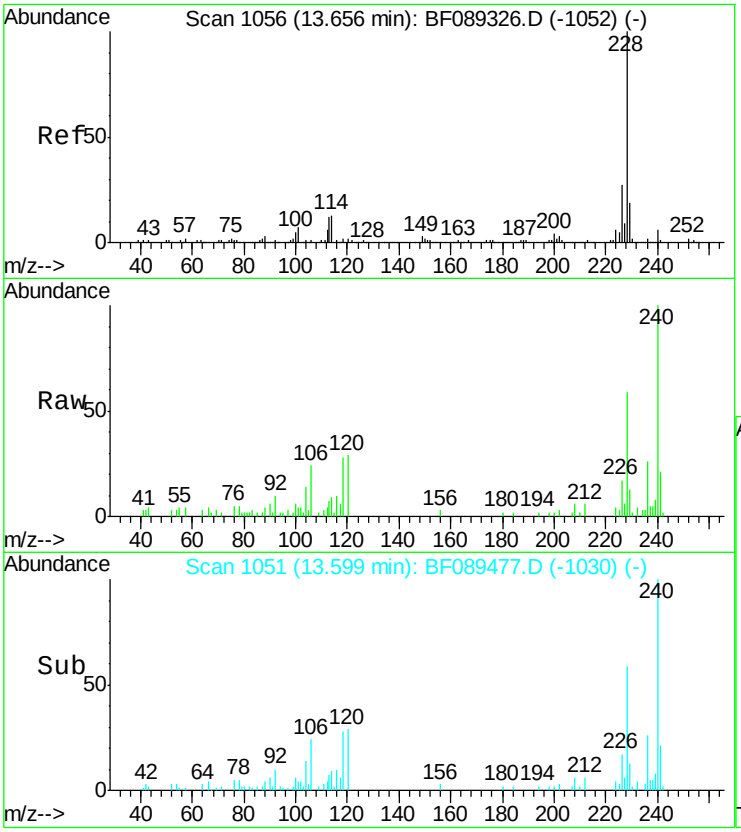


#78
Terphenyl-d14
Concen: 67.50 ng
RT: 12.57 min Scan# 961
Delta R.T. -0.06 min
Lab File: BF089477.D
Acq: 31 Jul 2016 18:19

Tgt Ion:244 Resp: 259076

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	15.9	11.4	17.0



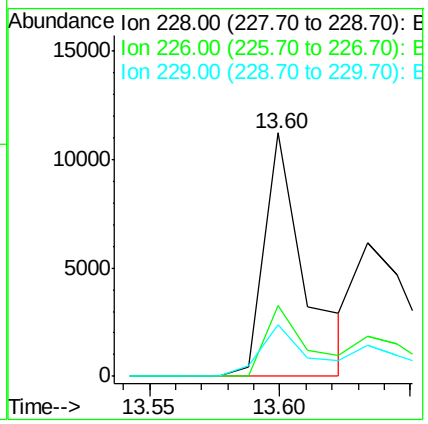


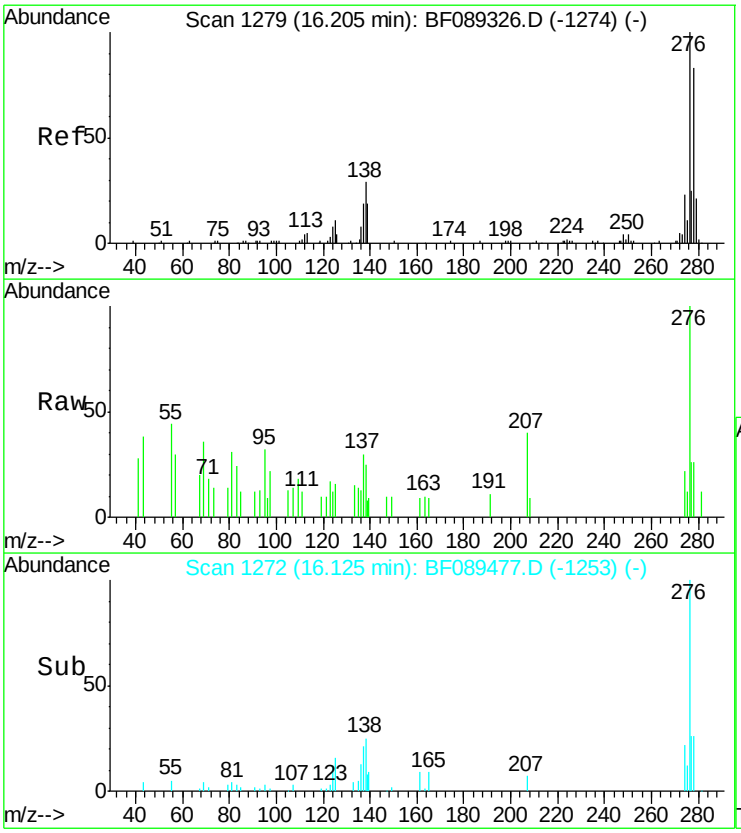
#80
Benzo(a)anthracene
Concen: 2.41 ng
RT: 13.60 min Scan# 1051
Delta R.T. -0.06 min
Lab File: BF089477.D
Acq: 31 Jul 2016 18:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 12226

Ion	Ratio	Lower	Upper
228	100		
226	28.9	21.4	32.2
229	21.4	15.9	23.9

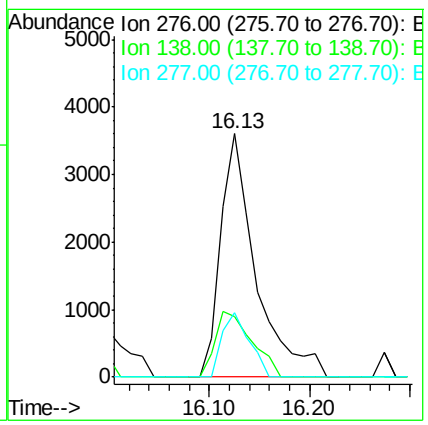


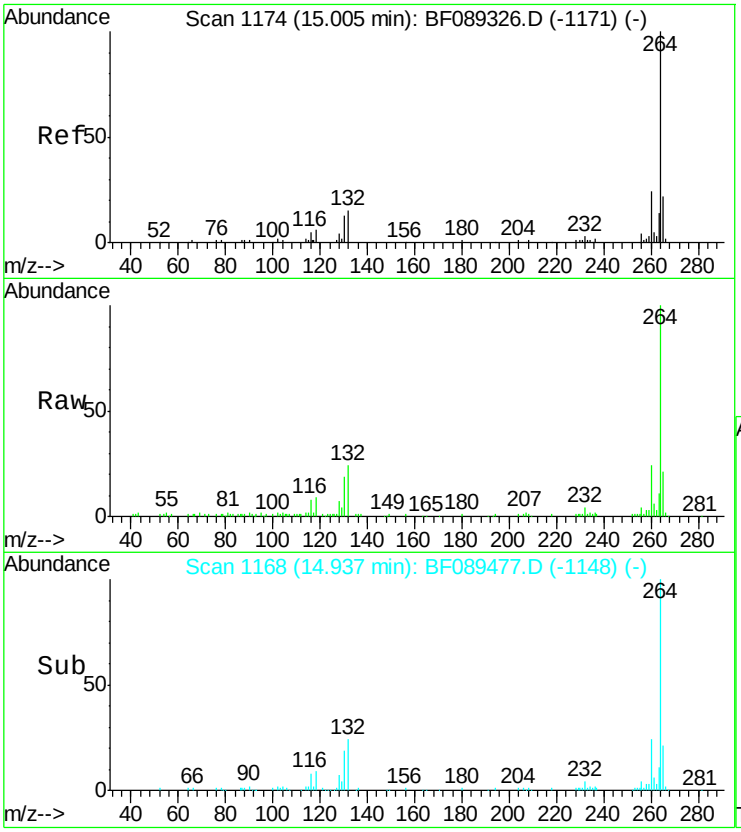


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.28 ng
RT: 16.13 min Scan# 1272
Delta R.T. -0.08 min
Lab File: BF089477.D
Acq: 31 Jul 2016 18:19

Tgt Ion:276 Resp: 8733

Ion	Ratio	Lower	Upper
276	100		
138	28.2	23.0	34.4
277	20.3	20.2	30.4



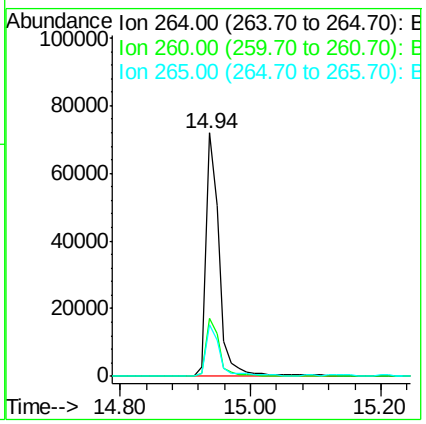


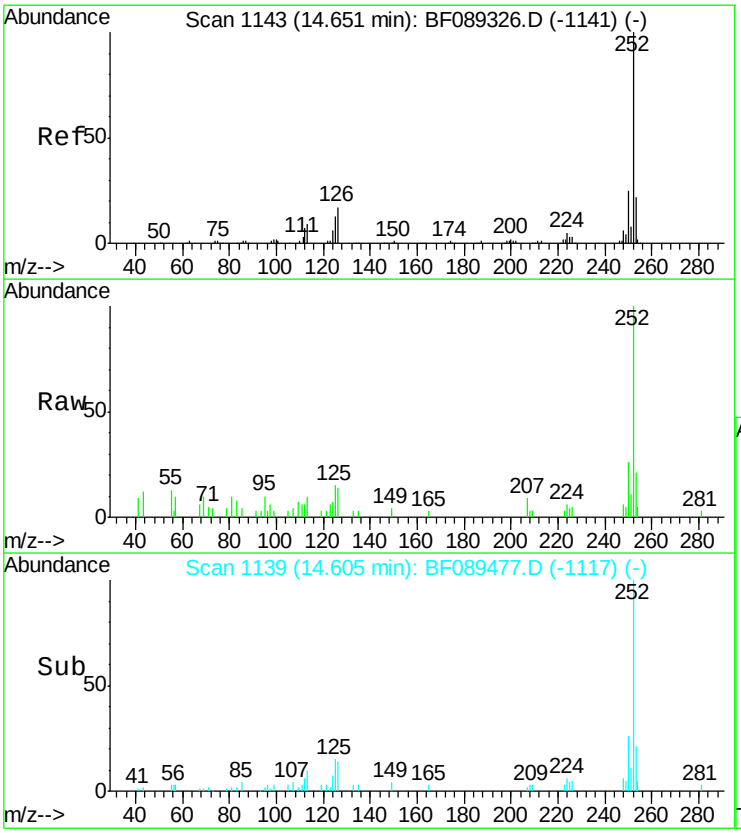
#86
Perylene-d12
Concen: 20.00 ng
RT: 14.94 min Scan# 1168
Delta R.T. -0.07 min
Lab File: BF089477.D
Acq: 31 Jul 2016 18:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 101943

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	21.2	17.5	26.3

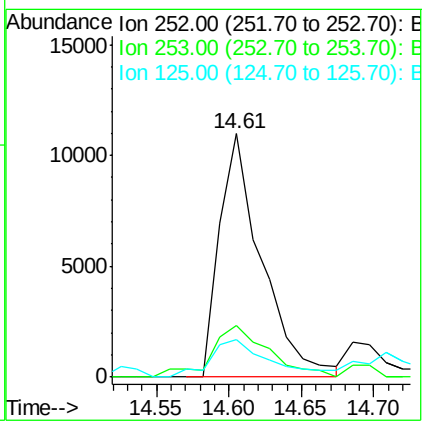


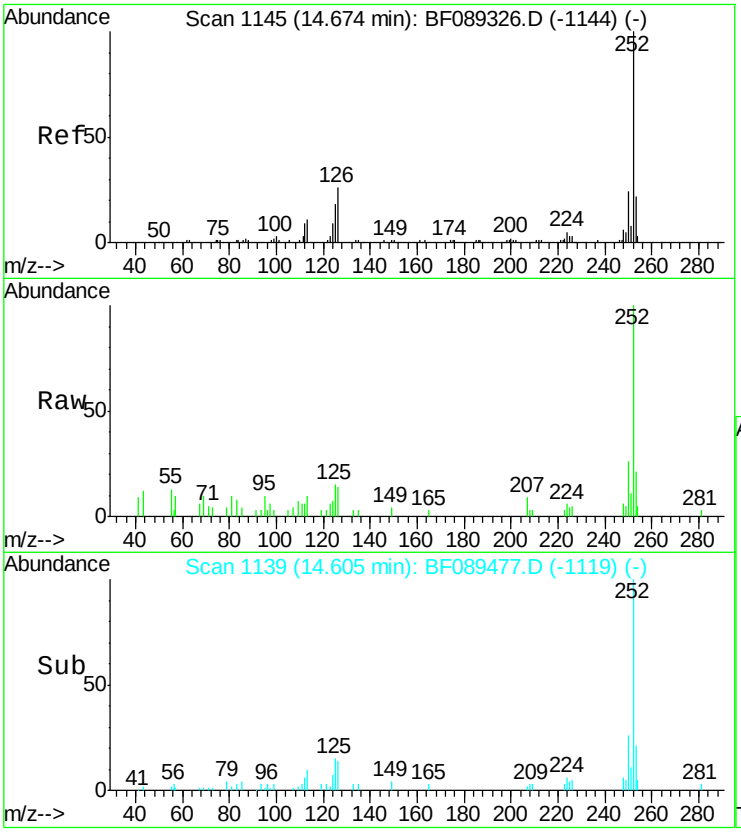


#87
Benzo(b)fluoranthene
Concen: 3.48 ng
RT: 14.61 min Scan# 1139
Delta R.T. -0.05 min
Lab File: BF089477.D
Acq: 31 Jul 2016 18:19

Tgt Ion:252 Resp: 22038

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.2	25.8
125	15.3	9.7	14.5#



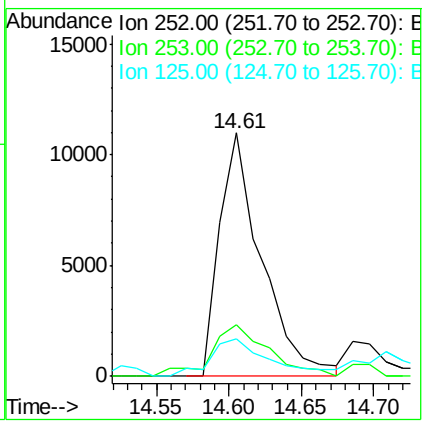


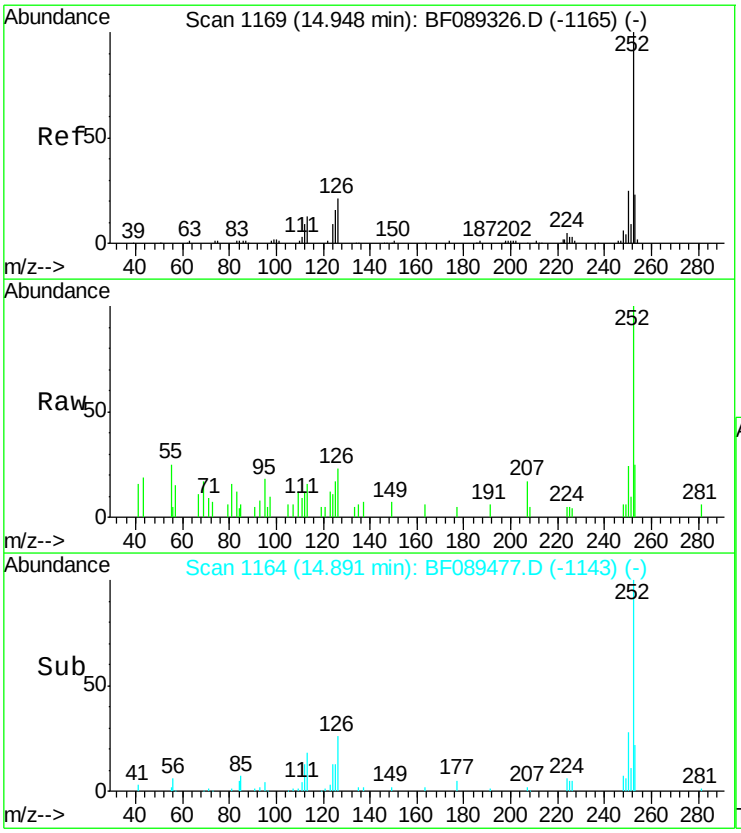
#88
Benzo(k)fluoranthene
Concen: 3.79 ng
RT: 14.61 min Scan# 1139
Delta R.T. -0.07 min
Lab File: BF089477.D
Acq: 31 Jul 2016 18:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 22038

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.8	26.8
125	15.3	10.7	16.1





#89
Benzo(a)pyrene
Concen: 2.06 ng
RT: 14.89 min Scan# 1164
Delta R.T. -0.06 min
Lab File: BF089477.D
Acq: 31 Jul 2016 18:19

Tgt Ion:252 Resp: 11708

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.4	26.2
125	17.3	12.4	18.6