Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
Data File : BF089492.D
Acq On : 1 Aug 2016 3:32
Operator : UM/SJ
Sample : H4222-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 01 04:03:40 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	40710	20.00	ng		-0.06
21) Naphthalene-d8	7.78	136	139472	20.00	ng		-0.05
38) Acenaphthene-d10	9.52	164	54968	20.00	ng		-0.06
63) Phenanthrene-d10	10.99	188	107457	20.00	ng		-0.06
75) Chrysene-d12	13.61	240	104306	20.00	ng		-0.06
86) Perylene-d12	14.95	264	82506	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.06	112	357459	140.20	ng		-0.05
7) Phenol-d6	6.16	99	451869	134.11	ng		-0.05
23) Nitrobenzene-d5	7.07	82	263415	111.48	ng		-0.05
41) 2,4,6-Tribromophenol	10.31	330	61018	134.03	ng		-0.06
44) 2-Fluorobiphenyl	8.86	172	373681	99.77	ng		-0.06
78) Terphenyl-d14	12.58	244	374112	83.94	ng		-0.05
Target Compounds							Qvalue
10) Phenol	6.17	94	7580	2.04	ng	#	52
15) Benzyl Alcohol	6.65	79	5088	2.43	ng	#	49
19) n-Nitroso-di-n-propylamine	7.06	70	34211	16.84	ng	#	83
49) Dimethylphthalate	9.26	163	75836	18.13	ng		97
56) 2,4-Dinitrotoluene	9.52	165	6473	5.72	ng	#	7
66) 4-Bromophenyl-phenylether	10.31	248	4593	4.48	ng	#	1
70) Phenanthrene	11.02	178	12479	2.25	ng		98
74) Fluoranthene	12.19	202	39412	6.76	ng		96
77) Pyrene	12.42	202	29097	3.68	ng		99
80) Benzo(a)anthracene	13.60	228	18617	3.16	ng	#	91
82) Chrysene	13.60	228	18617	2.97	ng		95
87) Benzo(b)fluoranthene	14.61	252	25029	4.88	ng	#	92
88) Benzo(k)fluoranthene	14.61	252	25029	5.31	ng	#	95
89) Benzo(a)pyrene	14.90	252	11320	2.46	ng		96

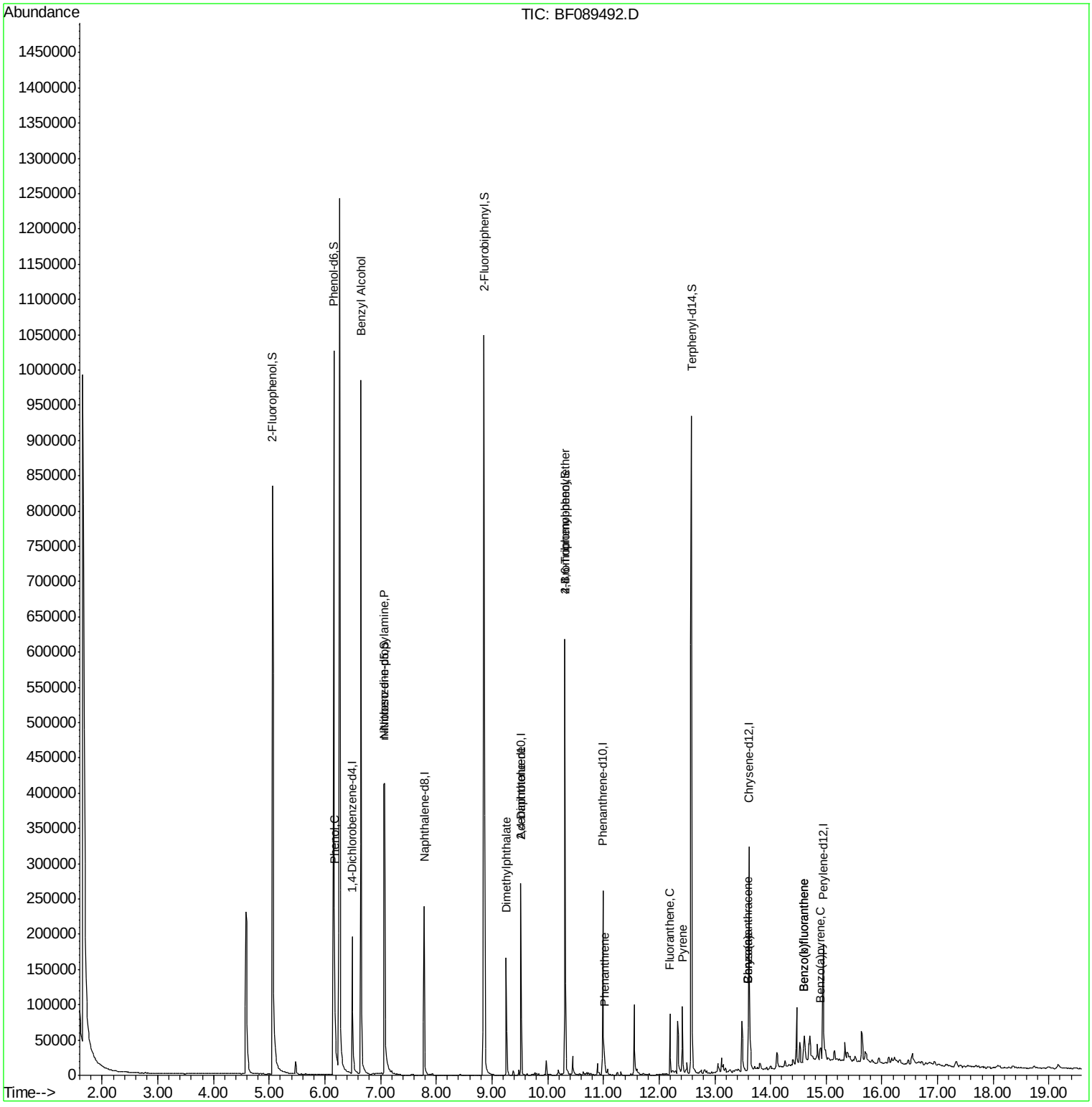
(#) = qualifier out of range (m) = manual integration (+) = signals summed

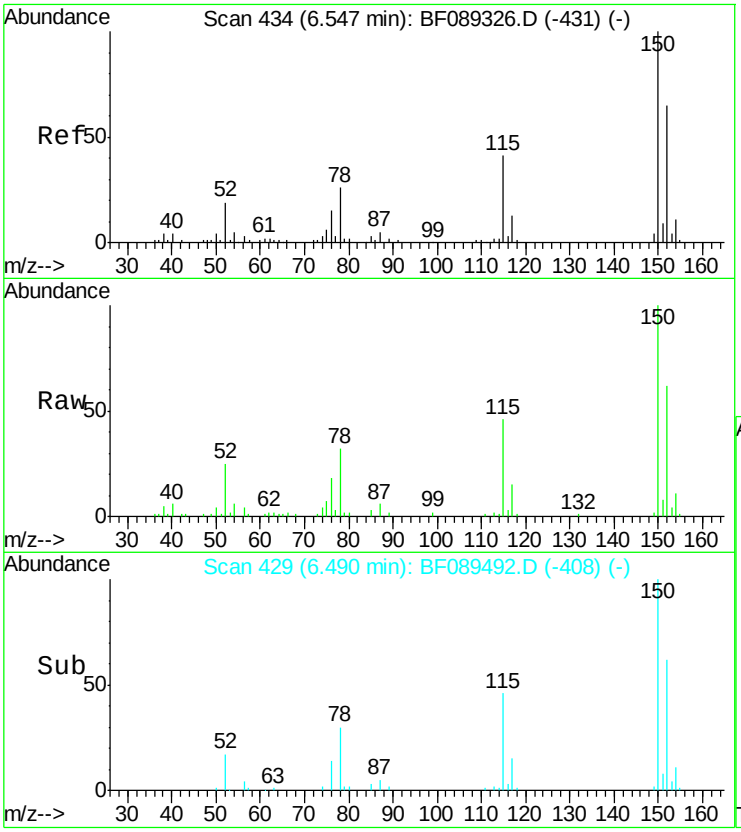
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
Data File : BF089492.D
Acq On : 1 Aug 2016 3:32
Operator : UM/SJ
Sample : H4222-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 01 04:03:40 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



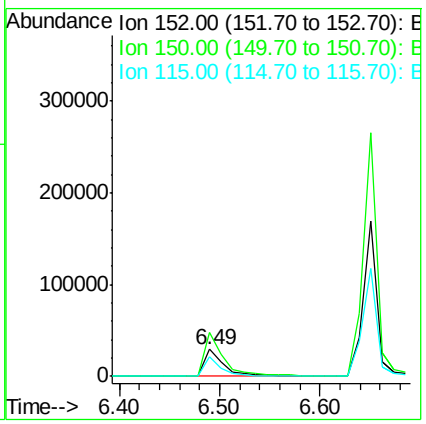


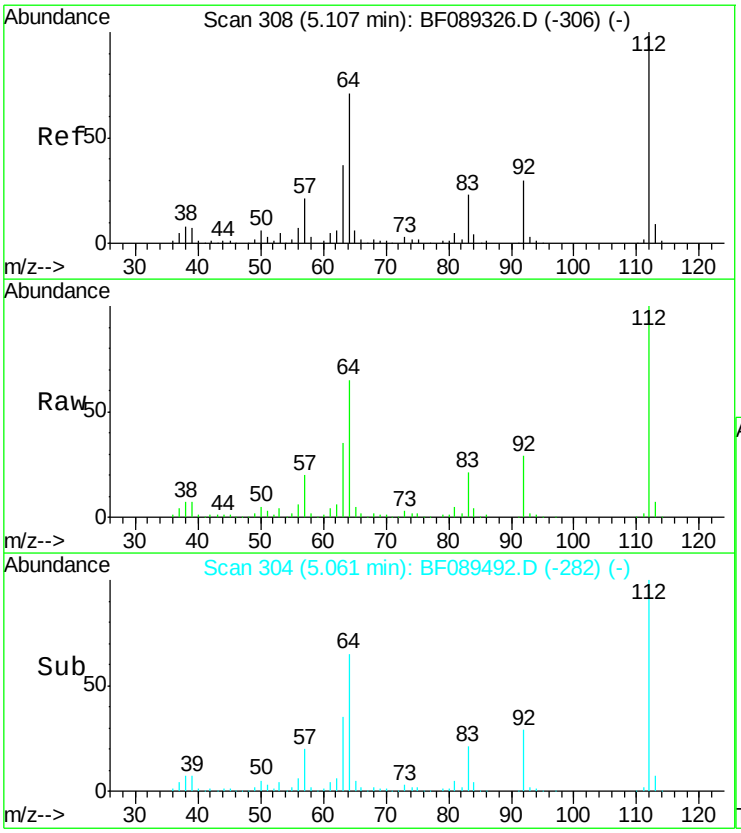
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 429
Delta R.T. -0.06 min
Lab File: BF089492.D
Acq: 1 Aug 2016 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 40710

Ion	Ratio	Lower	Upper
152	100		
150	161.1	129.5	194.3
115	74.1	51.4	77.2

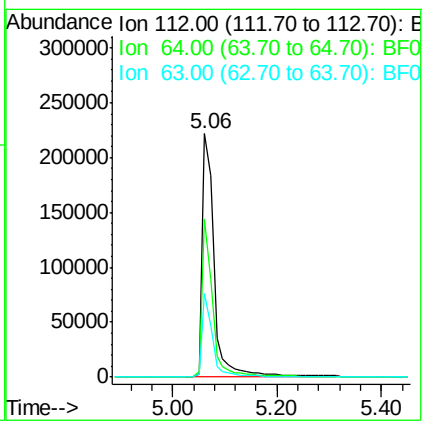


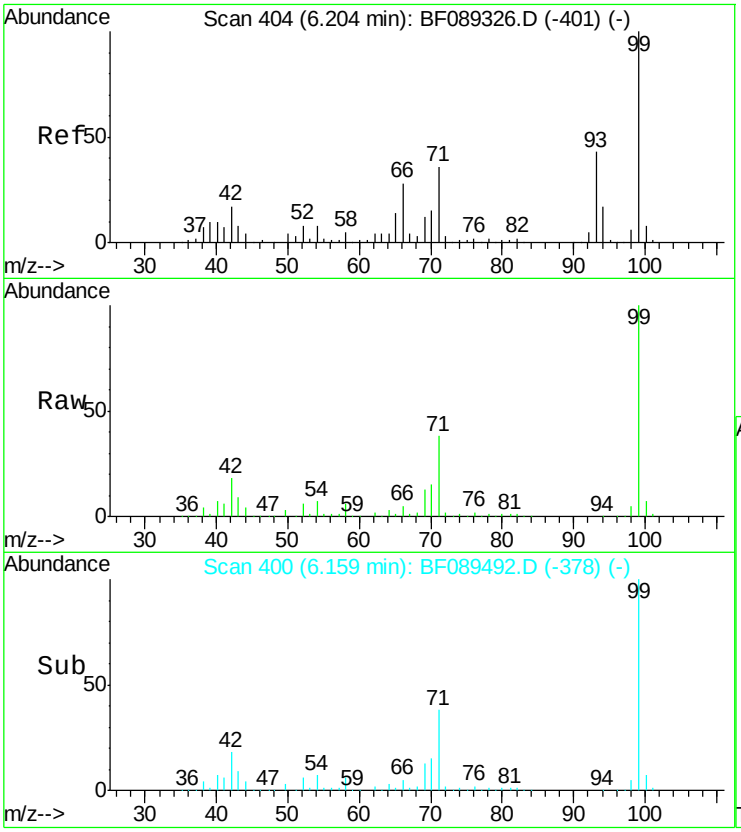


#5
2-Fluorophenol
Concen: 140.20 ng
RT: 5.06 min Scan# 304
Delta R.T. -0.05 min
Lab File: BF089492.D
Acq: 1 Aug 2016 3:32

Tgt Ion:112 Resp: 357459

Ion	Ratio	Lower	Upper
112	100		
64	64.7	55.0	82.6
63	34.5	29.4	44.2



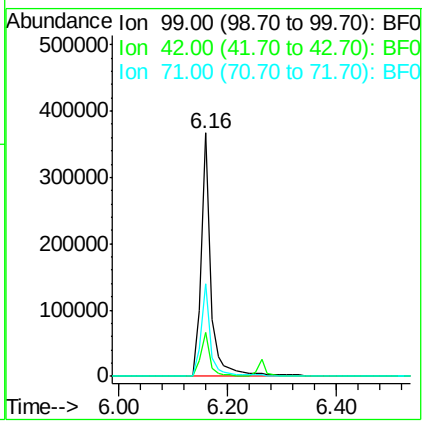


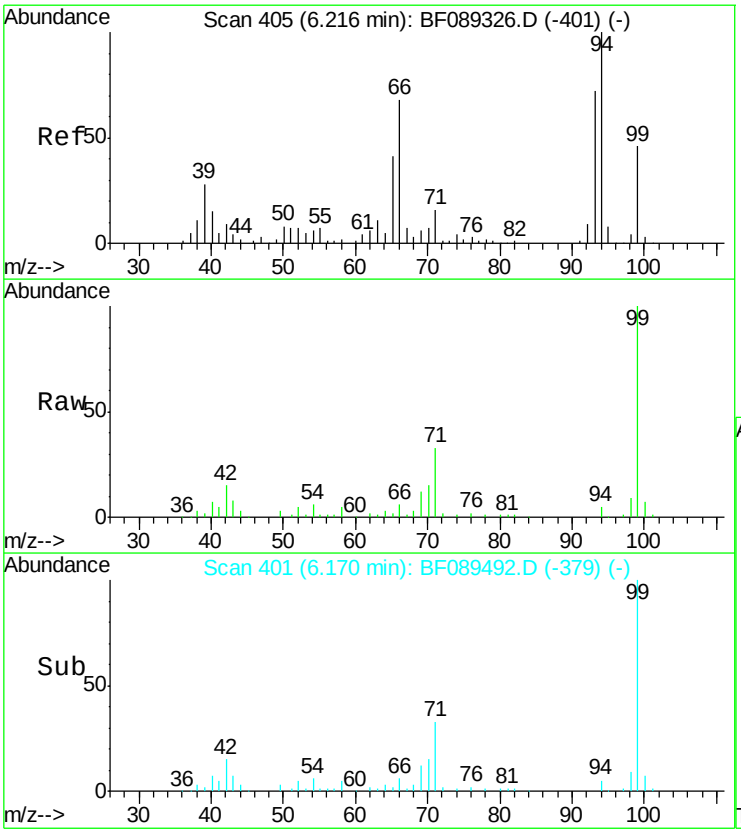
#7
Phenol-d6
Concen: 134.11 ng
RT: 6.16 min Scan# 400
Delta R.T. -0.05 min
Lab File: BF089492.D
Acq: 1 Aug 2016 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 451869

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.6	20.4
71	38.0	29.4	44.2

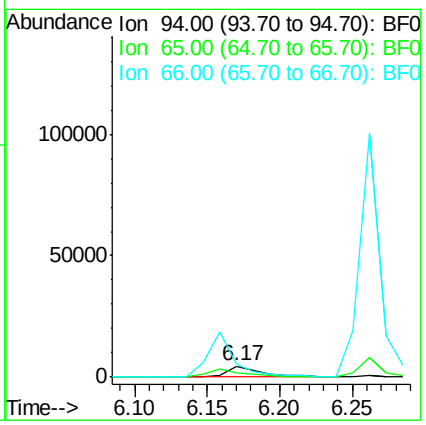


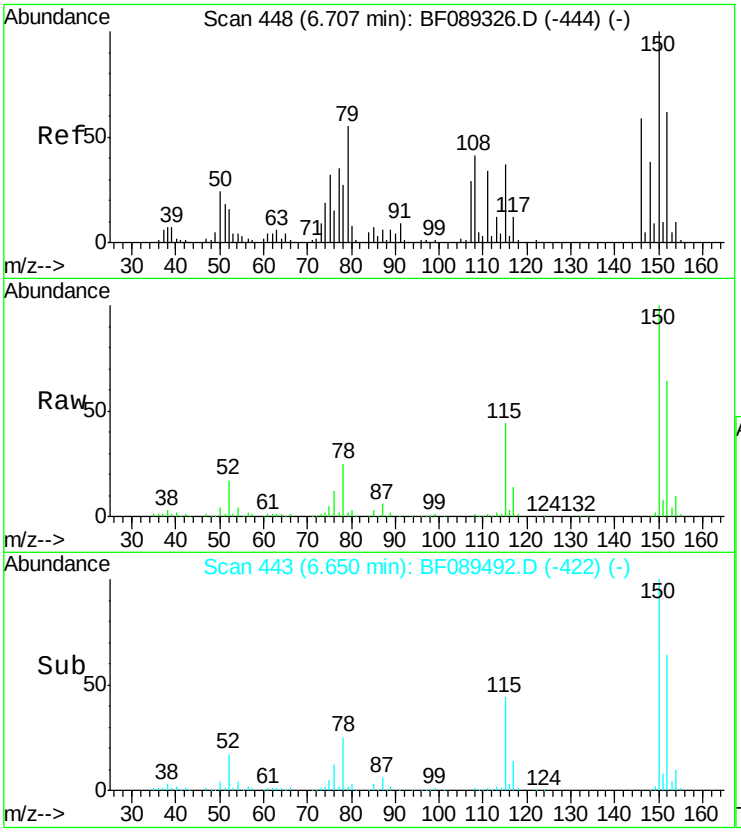


#10
Phenol
Concen: 2.04 ng
RT: 6.17 min Scan# 401
Delta R.T. -0.05 min
Lab File: BF089492.D
Acq: 1 Aug 2016 3:32

Tgt Ion: 94 Resp: 7580

Ion	Ratio	Lower	Upper
94	100		
65	43.8	19.1	59.1
66	121.2	44.4	84.4#



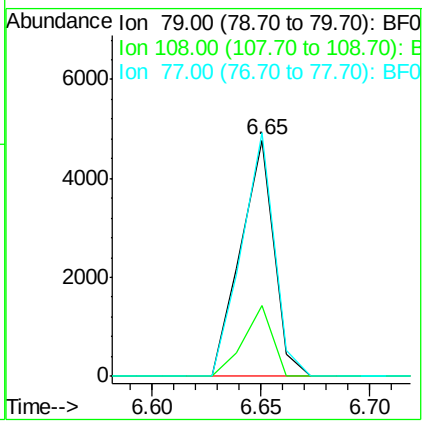


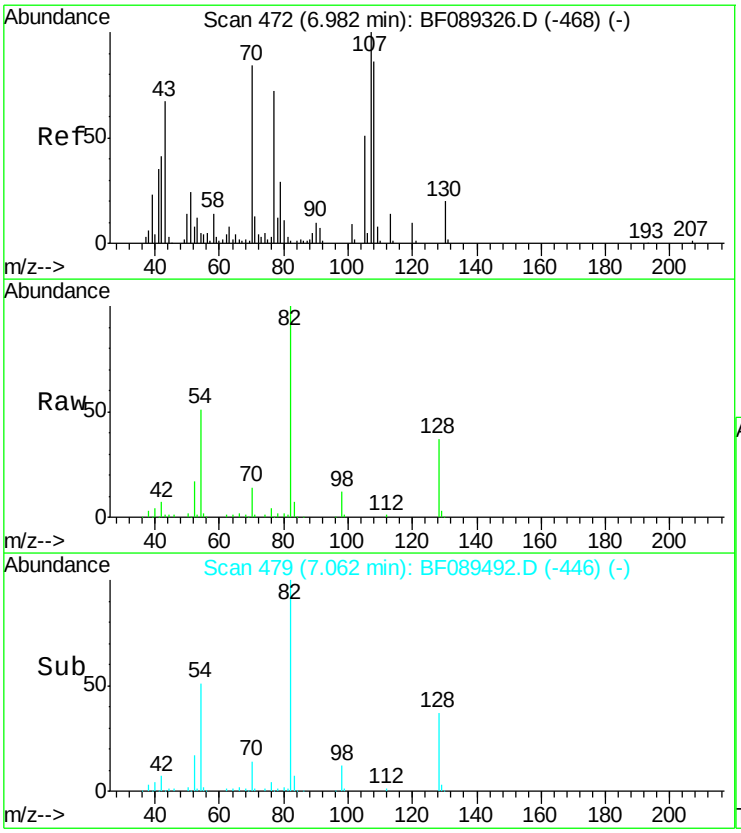
#15
Benzyl Alcohol
Concen: 2.43 ng
RT: 6.65 min Scan# 443
Delta R.T. -0.06 min
Lab File: BF089492.D
Acq: 1 Aug 2016 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 5088

Ion	Ratio	Lower	Upper
79	100		
108	29.8	59.8	89.6#
77	103.0	51.7	77.5#

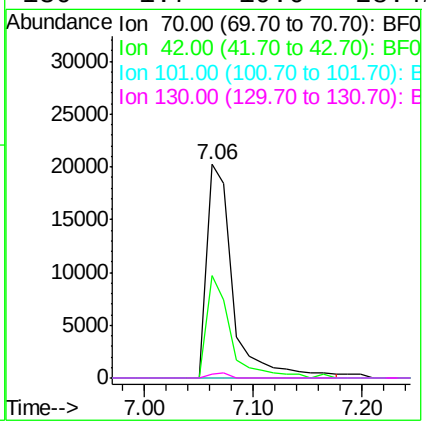


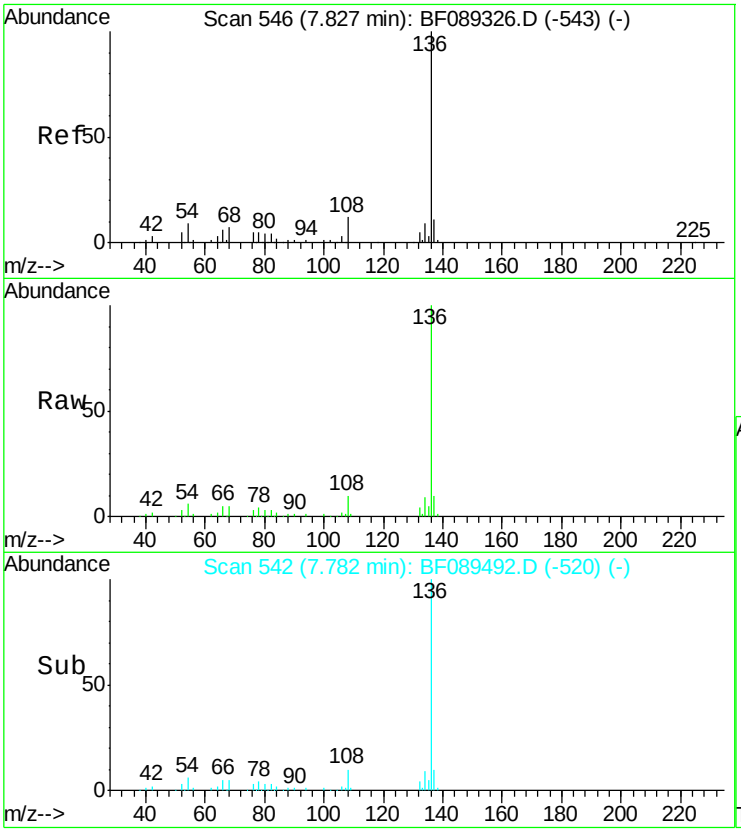


#19
n-Nitroso-di-n-propylamine
Concen: 16.84 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.08 min
Lab File: BF089492.D
Acq: 1 Aug 2016 3:32

Tgt Ion: 70 Resp: 34211

Ion	Ratio	Lower	Upper
70	100		
42	47.9	38.6	57.8
101	0.0	8.3	12.5#
130	1.7	19.0	28.4#



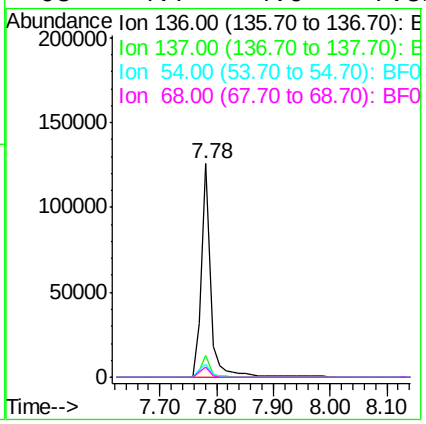


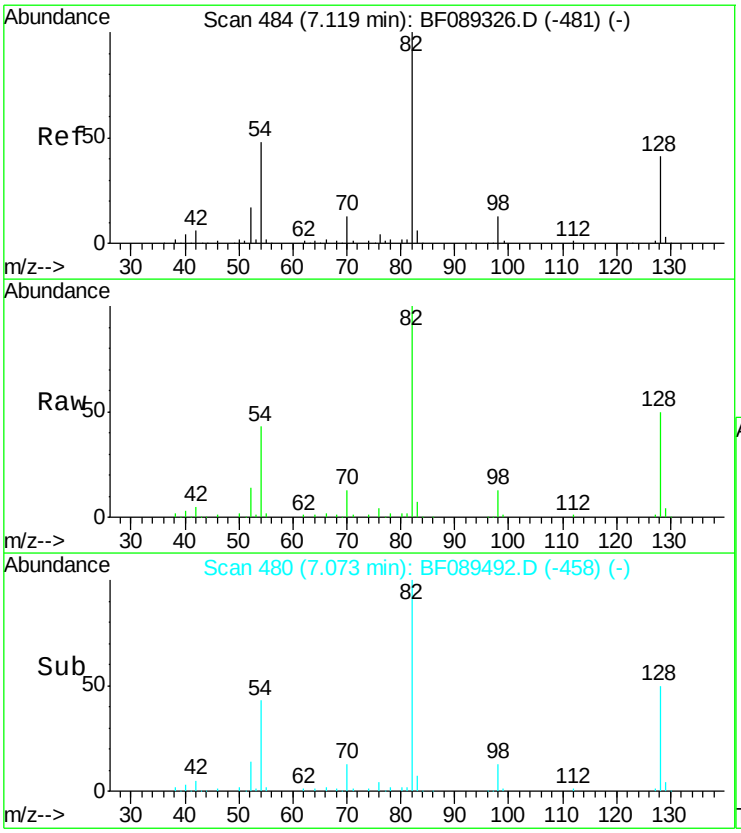
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.05 min
Lab File: BF089492.D
Acq: 1 Aug 2016 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 139472

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

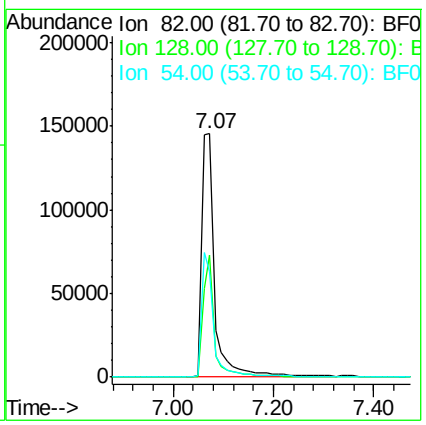


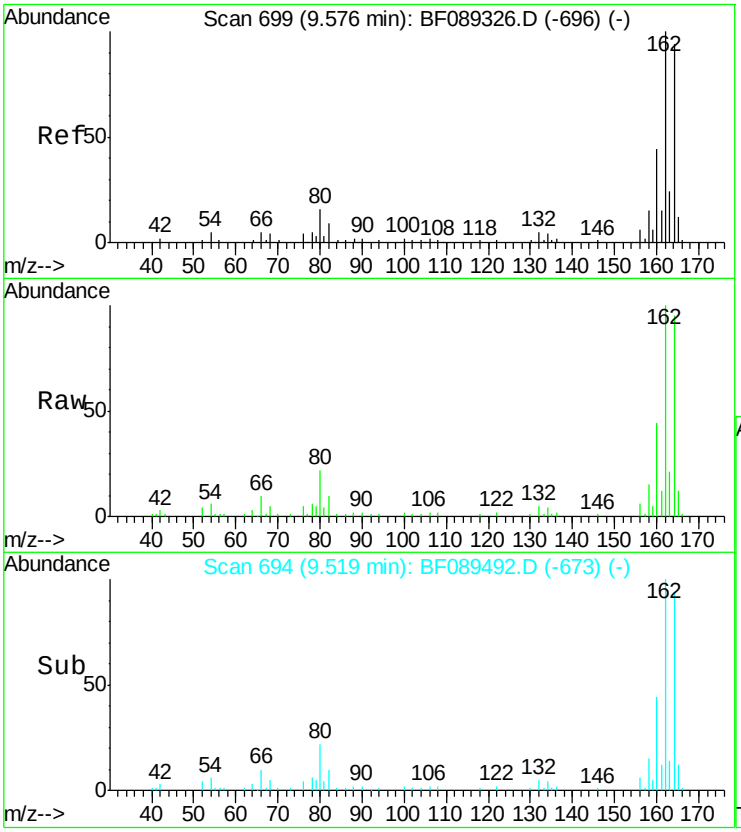


#23
Nitrobenzene-d5
Concen: 111.48 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.05 min
Lab File: BF089492.D
Acq: 1 Aug 2016 3:32

Tgt Ion: 82 Resp: 263415

Ion	Ratio	Lower	Upper
82	100		
128	50.1	32.5	48.7#
54	43.3	38.8	58.2



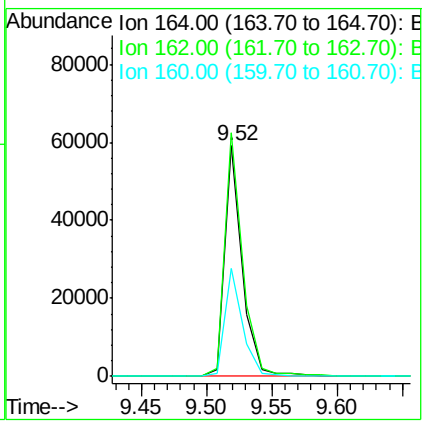


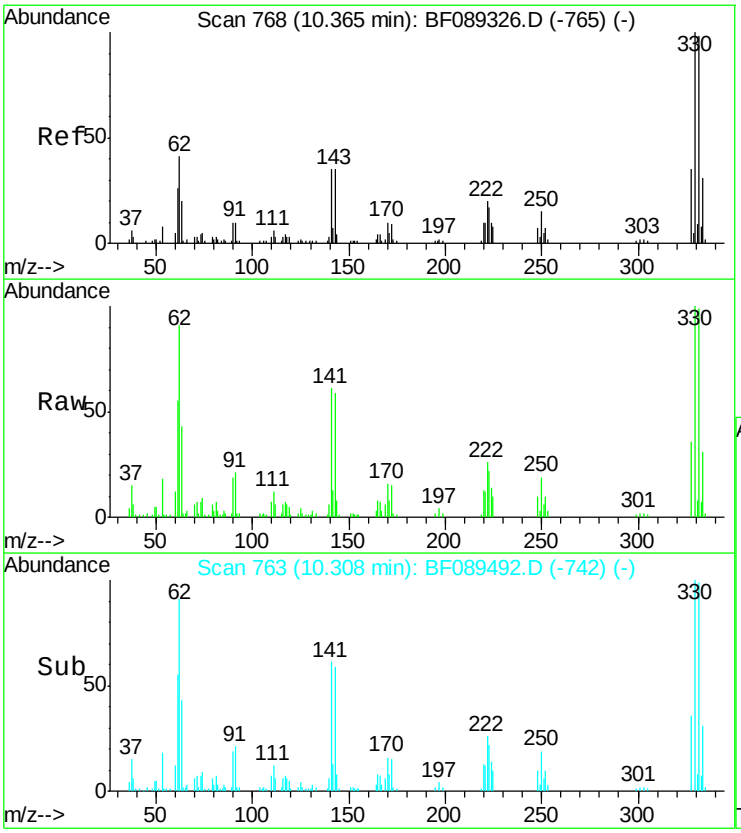
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.06 min
Lab File: BF089492.D
Acq: 1 Aug 2016 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 54968

Ion	Ratio	Lower	Upper
164	100		
162	105.7	83.7	125.5
160	47.0	37.8	56.6

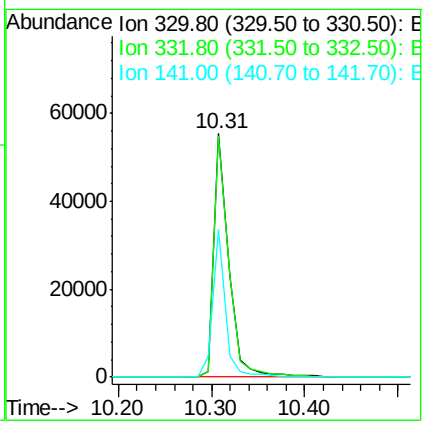


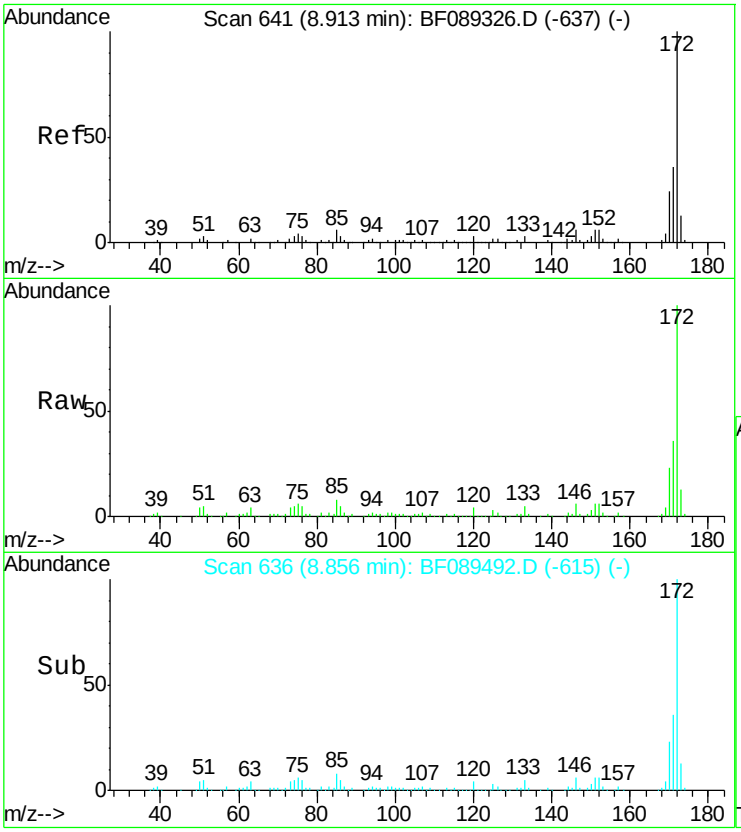


#41
2,4,6-Tribromophenol
Concen: 134.03 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.06 min
Lab File: BF089492.D
Acq: 1 Aug 2016 3:32

Tgt Ion:330 Resp: 61018

Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.8	115.2
141	51.9	37.3	55.9



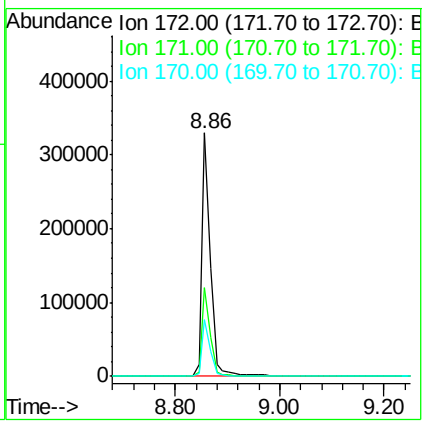


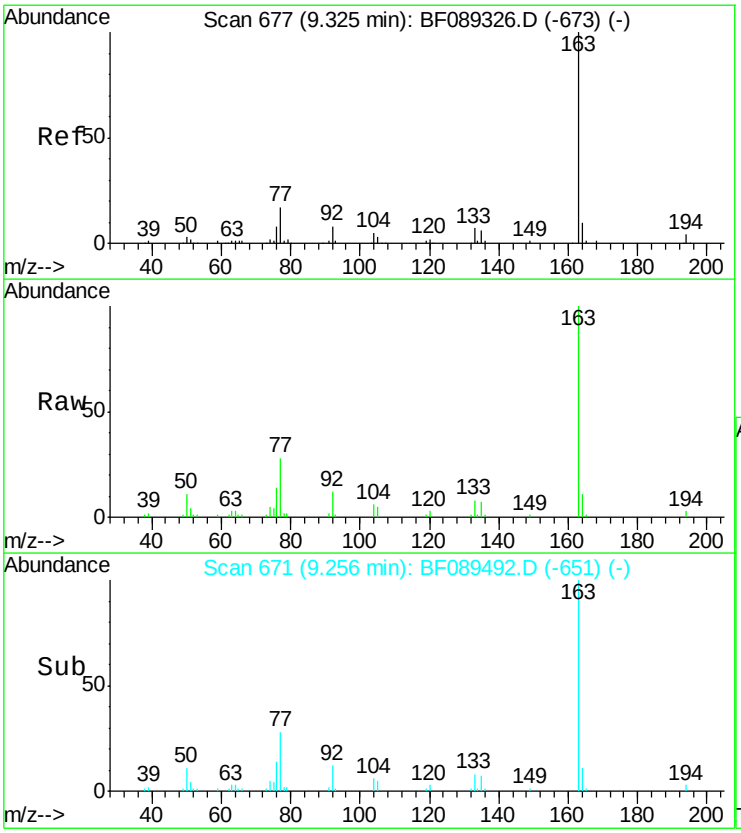
#44
2-Fluorobiphenyl
Concen: 99.77 ng
RT: 8.86 min Scan# 636
Delta R.T. -0.06 min
Lab File: BF089492.D
Acq: 1 Aug 2016 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 373681

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.2	43.8
170	23.5	19.2	28.8

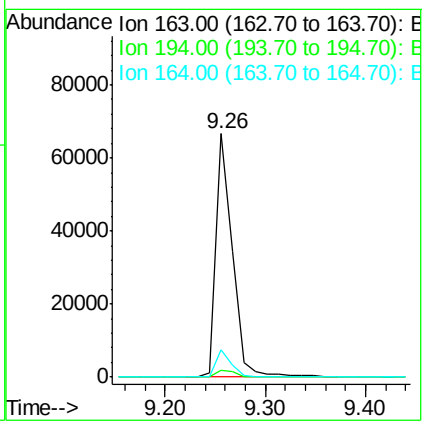


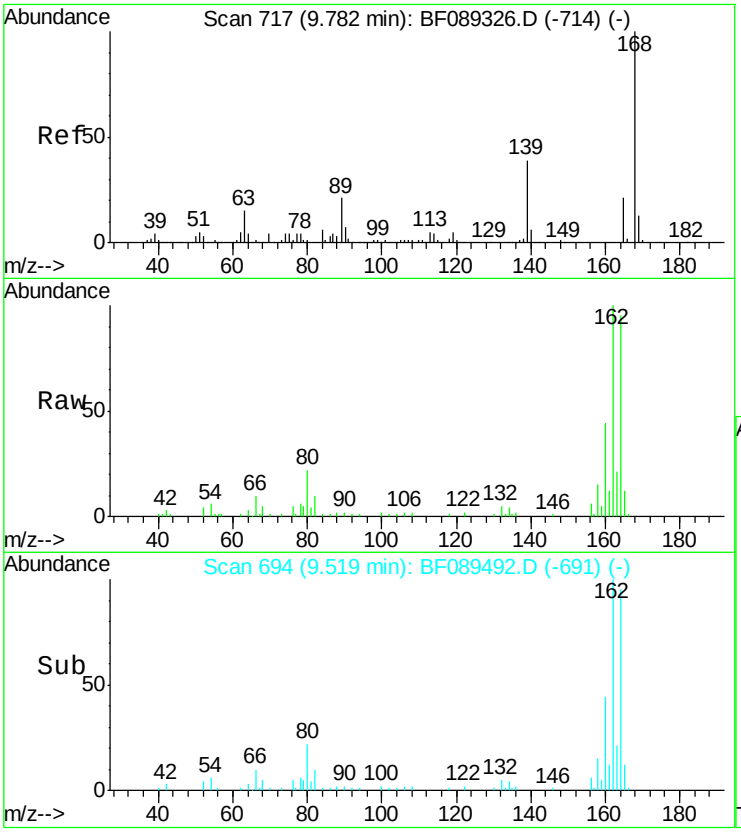


#49
Dimethylphthalate
Concen: 18.13 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.07 min
Lab File: BF089492.D
Acq: 1 Aug 2016 3:32

Tgt Ion:163 Resp: 75836

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.8	4.2
164	11.2	7.8	11.8



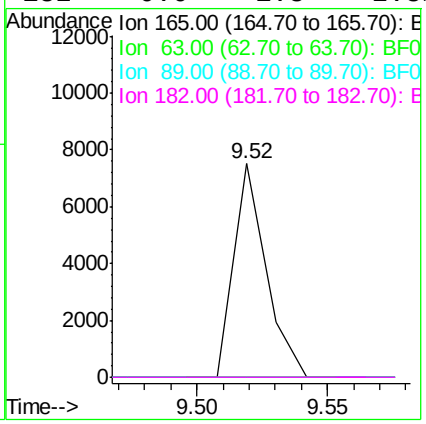


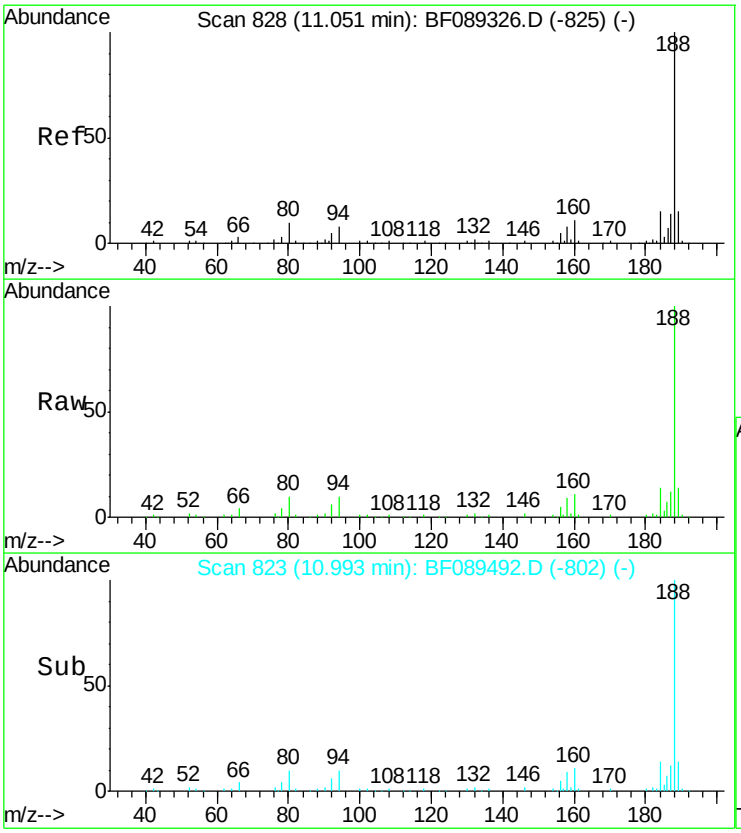
#56
2,4-Dinitrotoluene
Concen: 5.72 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.26 min
Lab File: BF089492.D
Acq: 1 Aug 2016 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 6473

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#

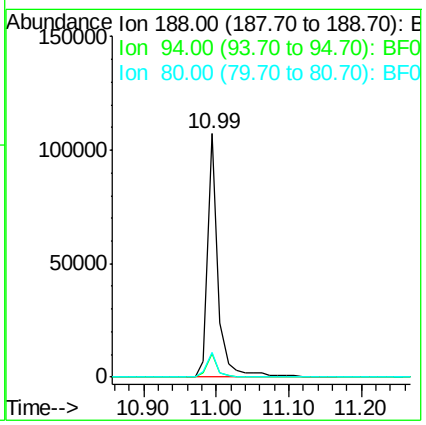


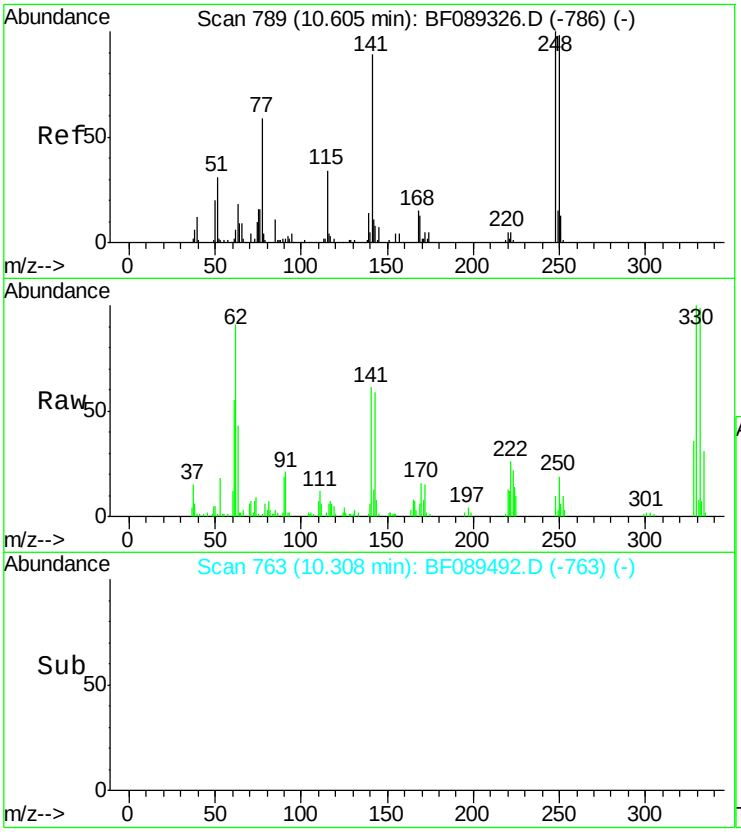


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.06 min
Lab File: BF089492.D
Acq: 1 Aug 2016 3:32

Tgt Ion:188 Resp: 107457

Ion	Ratio	Lower	Upper
188	100		
94	9.5	6.5	9.7
80	10.3	7.2	10.8



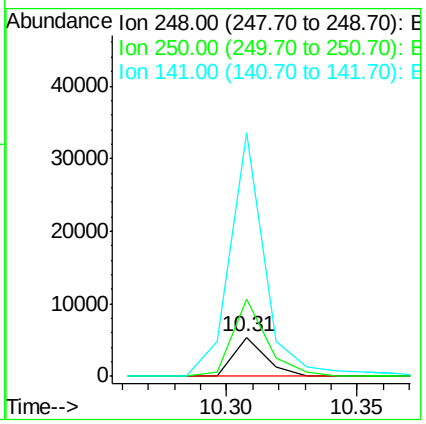


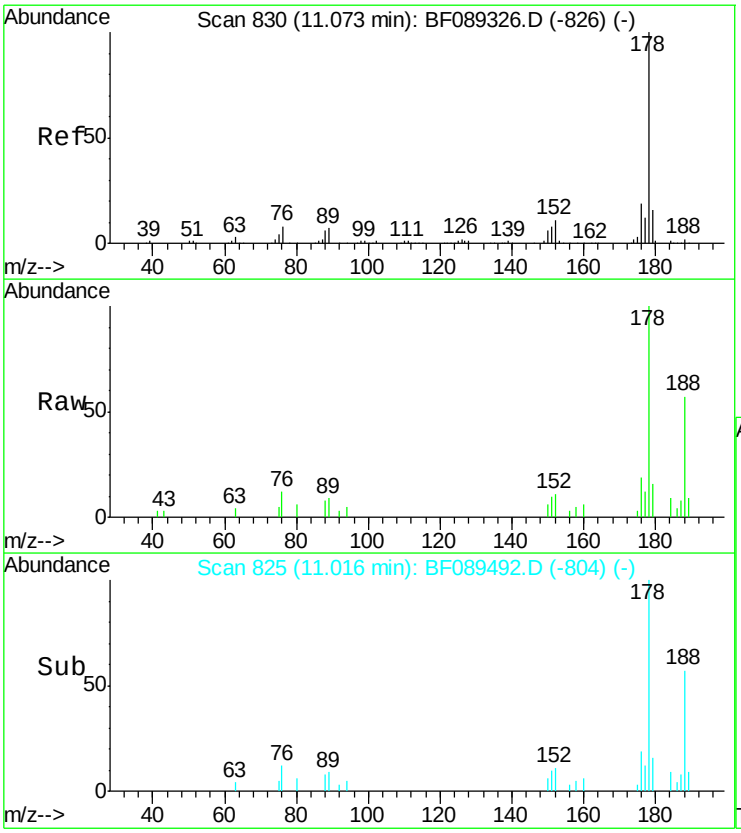
#66
4-Bromophenyl-phenylether
Concen: 4.48 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.30 min
Lab File: BF089492.D
Acq: 1 Aug 2016 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 4593

Ion	Ratio	Lower	Upper
248	100		
250	197.7	78.2	117.2#
141	619.8	62.0	93.0#

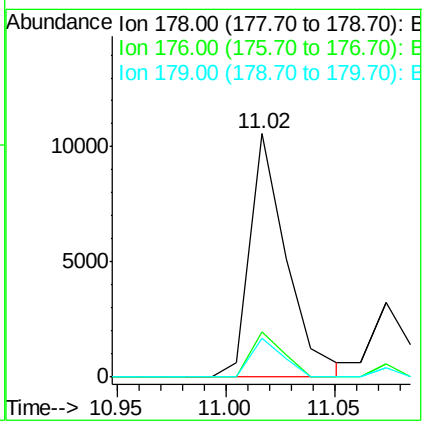


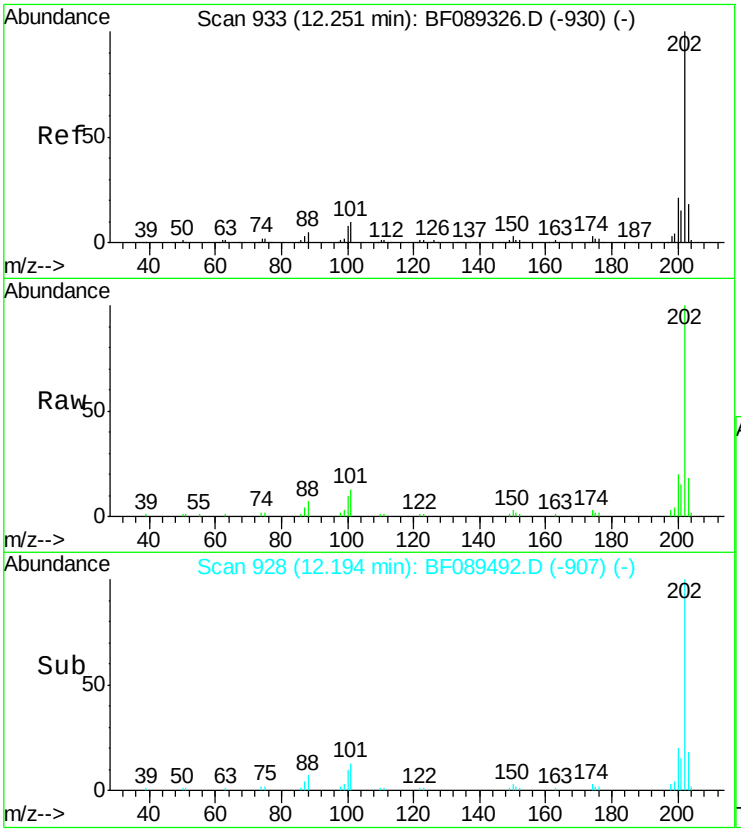


#70
Phenanthrene
Concen: 2.25 ng
RT: 11.02 min Scan# 825
Delta R.T. -0.06 min
Lab File: BF089492.D
Acq: 1 Aug 2016 3:32

Tgt Ion:178 Resp: 12479

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.5	23.3
179	16.0	12.3	18.5



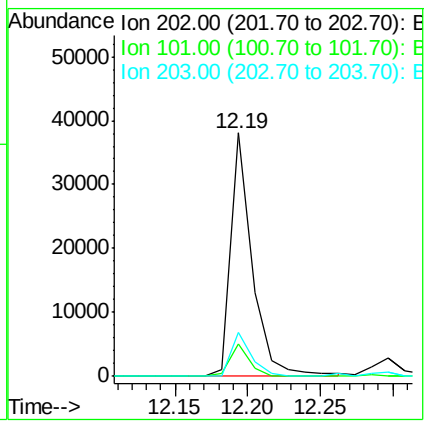


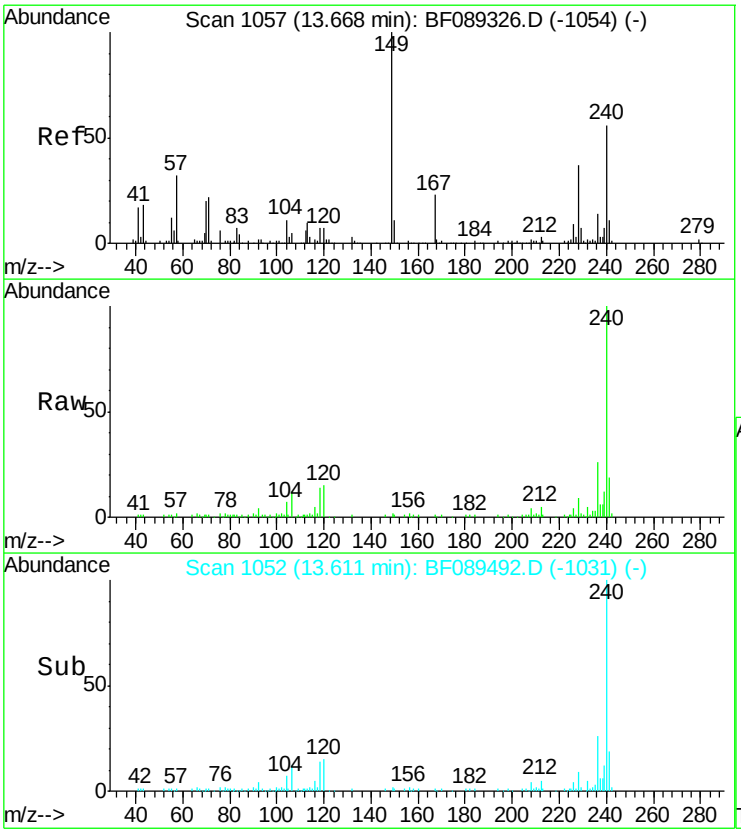
#74
Fluoranthene
Concen: 6.76 ng
RT: 12.19 min Scan# 928
Delta R.T. -0.06 min
Lab File: BF089492.D
Acq: 1 Aug 2016 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 39412

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	29.9
203	17.9	0.0	37.3

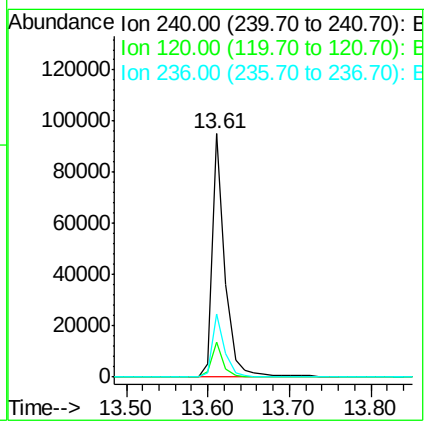


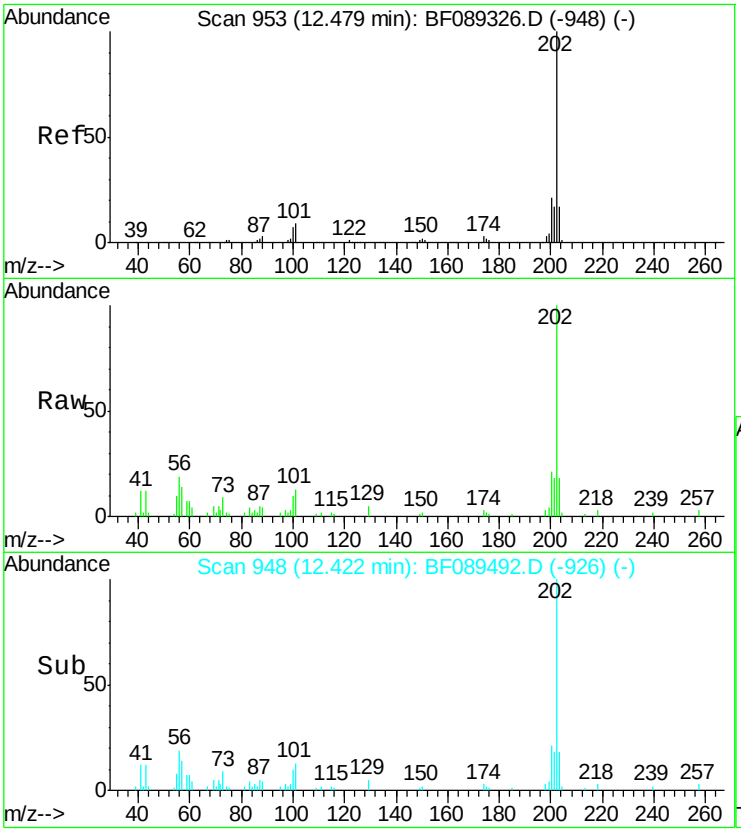


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.61 min Scan# 1052
Delta R.T. -0.06 min
Lab File: BF089492.D
Acq: 1 Aug 2016 3:32

Tgt Ion:240 Resp: 104306

Ion	Ratio	Lower	Upper
240	100		
120	14.6	9.1	13.7#
236	25.9	20.6	30.8



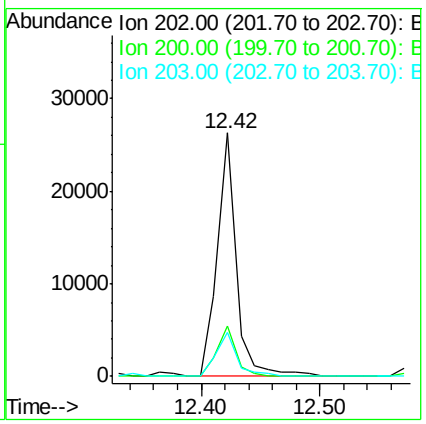


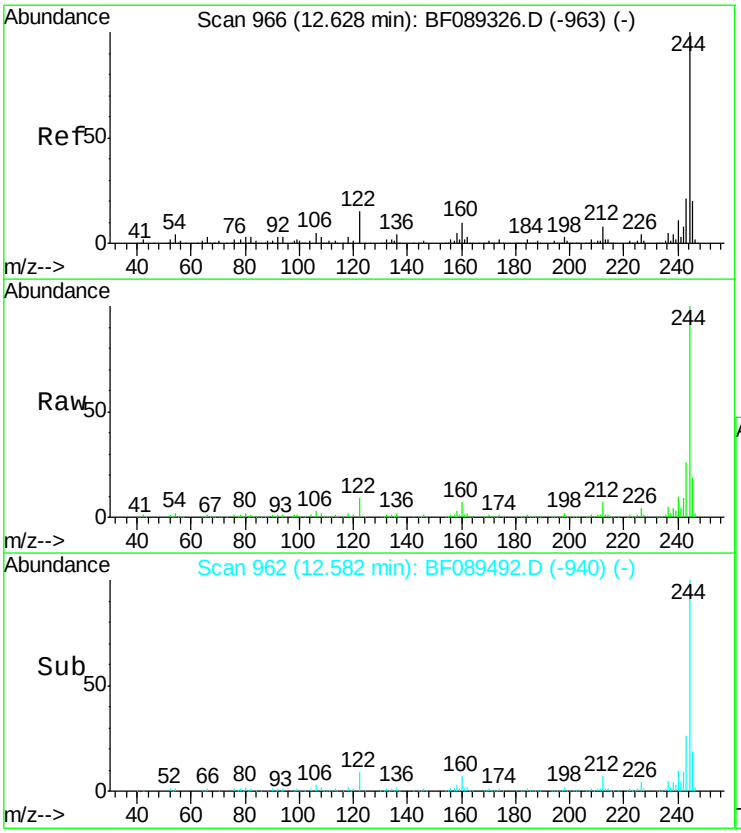
#77
Pyrene
Concen: 3.68 ng
RT: 12.42 min Scan# 948
Delta R.T. -0.05 min
Lab File: BF089492.D
Acq: 1 Aug 2016 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 29097

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	17.9	14.0	21.0

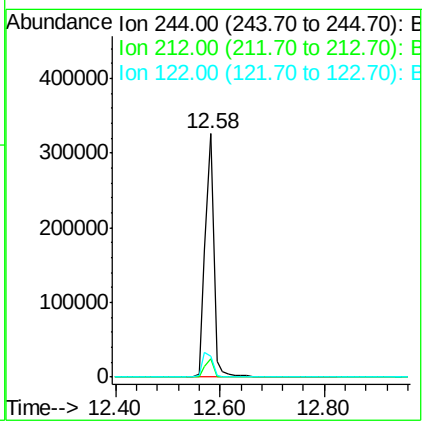


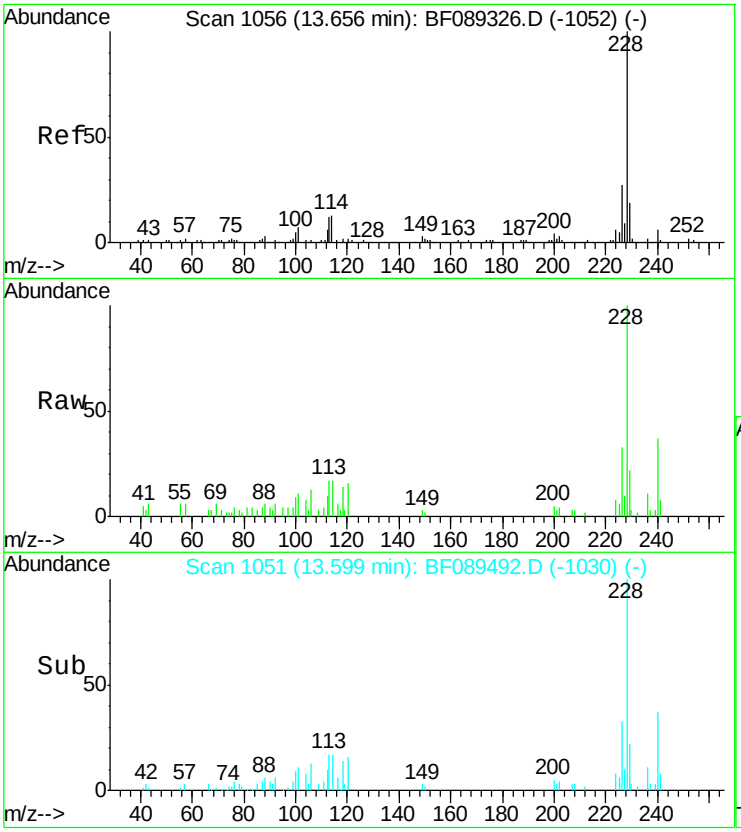


#78
Terphenyl-d14
Concen: 83.94 ng
RT: 12.58 min Scan# 962
Delta R.T. -0.05 min
Lab File: BF089492.D
Acq: 1 Aug 2016 3:32

Tgt Ion:244 Resp: 374112

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.5	9.7
122	8.7	11.4	17.0#



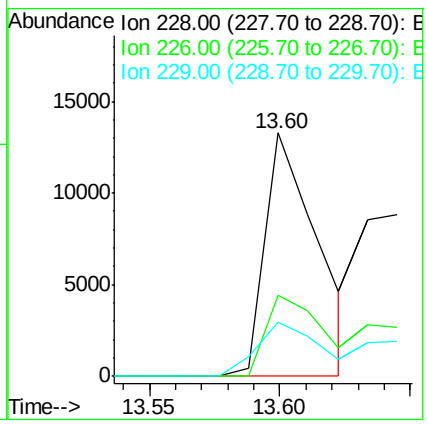


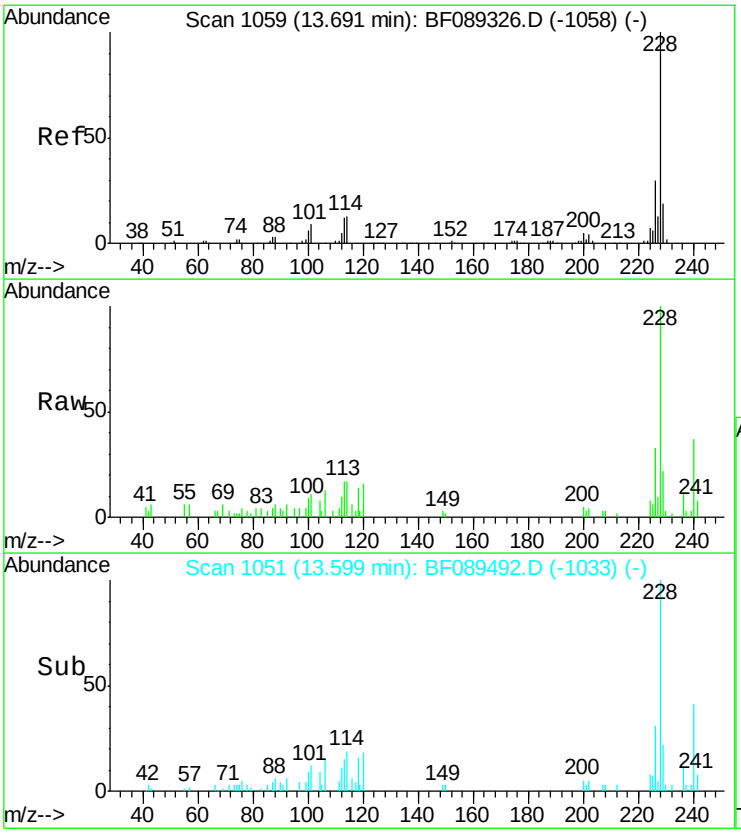
#80
Benzo(a)anthracene
Concen: 3.16 ng
RT: 13.60 min Scan# 1051
Delta R.T. -0.06 min
Lab File: BF089492.D
Acq: 1 Aug 2016 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 18617

Ion	Ratio	Lower	Upper
228	100		
226	33.3	21.4	32.2#
229	22.2	15.9	23.9

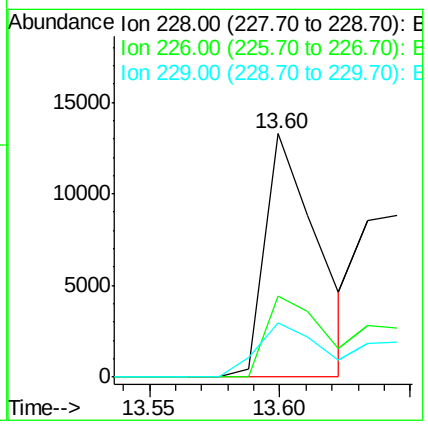


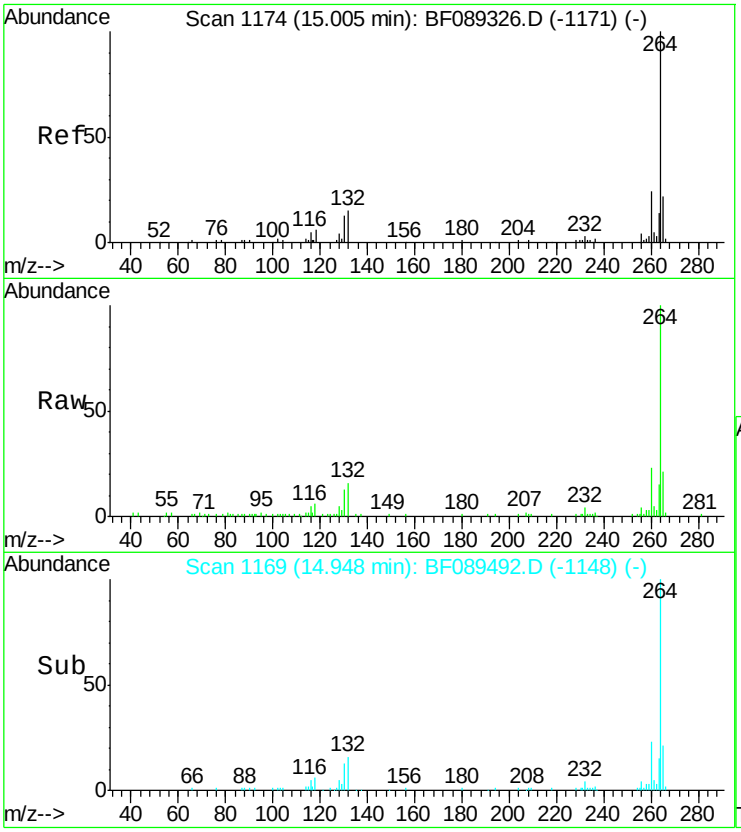


#82
Chrysene
Concen: 2.97 ng
RT: 13.60 min Scan# 1051
Delta R.T. -0.09 min
Lab File: BF089492.D
Acq: 1 Aug 2016 3:32

Tgt Ion:228 Resp: 18617

Ion	Ratio	Lower	Upper
228	100		
226	33.3	24.2	36.2
229	22.2	15.9	23.9



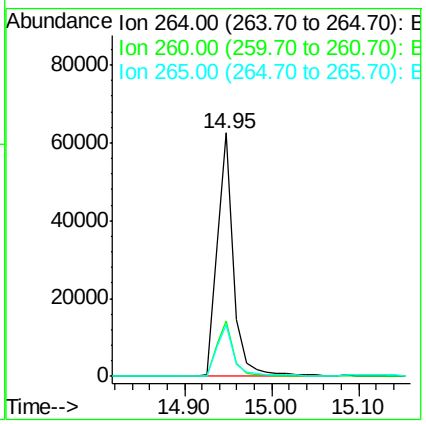


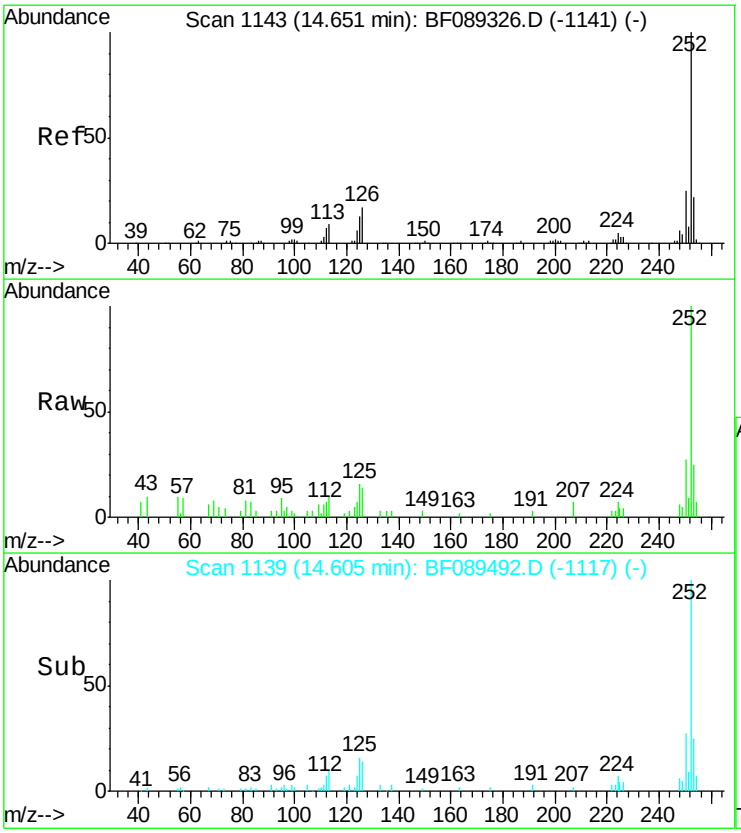
#86
Perylene-d12
Concen: 20.00 ng
RT: 14.95 min Scan# 1169
Delta R.T. -0.06 min
Lab File: BF089492.D
Acq: 1 Aug 2016 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 82506

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.0	28.4
265	21.3	17.5	26.3

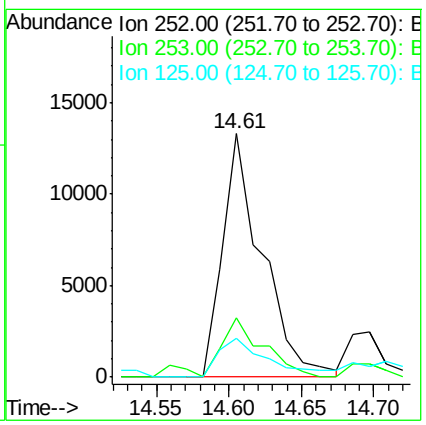


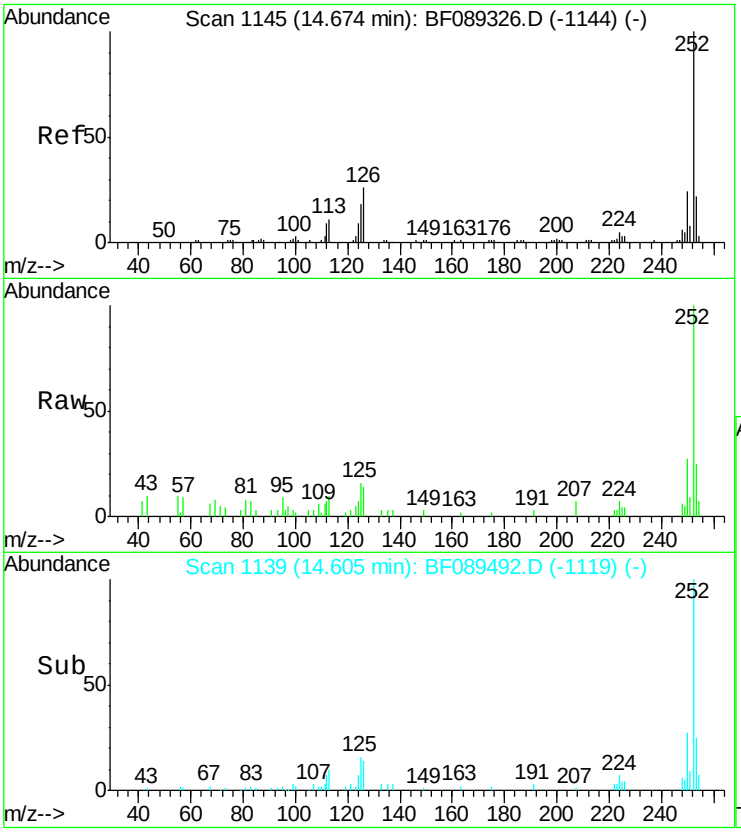


#87
Benzo(b)fluoranthene
Concen: 4.88 ng
RT: 14.61 min Scan# 1139
Delta R.T. -0.05 min
Lab File: BF089492.D
Acq: 1 Aug 2016 3:32

Tgt Ion:252 Resp: 25029

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.2	25.8
125	16.1	9.7	14.5#



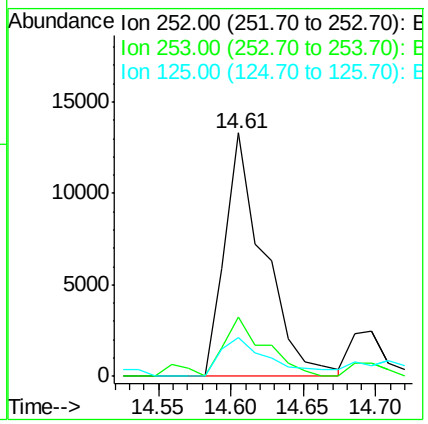


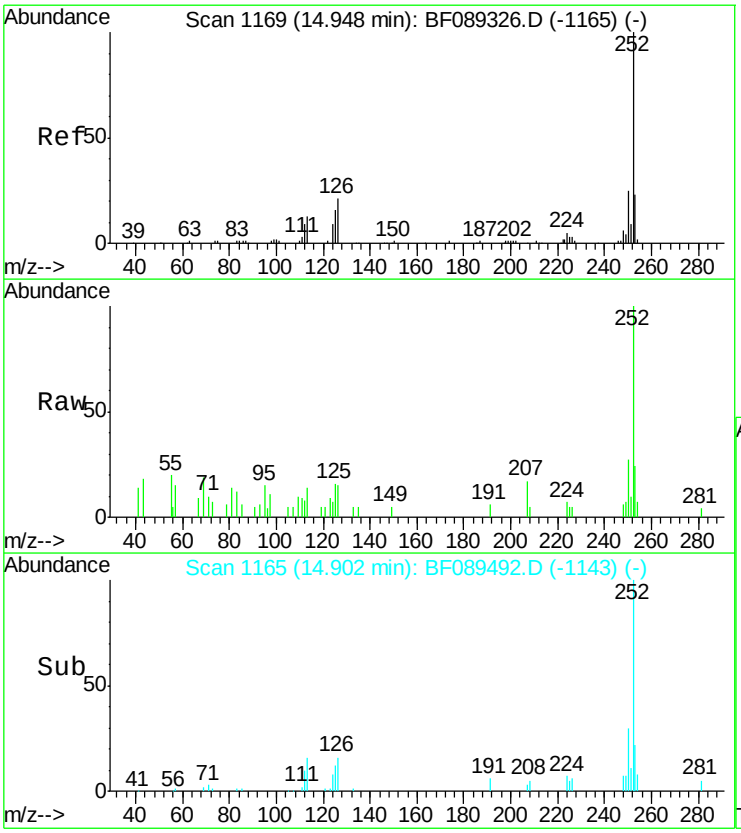
#88
Benzo(k)fluoranthene
Concen: 5.31 ng
RT: 14.61 min Scan# 1139
Delta R.T. -0.07 min
Lab File: BF089492.D
Acq: 1 Aug 2016 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 25029

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.8	26.8
125	16.1	10.7	16.1#





#89
Benzo(a)pyrene
Concen: 2.46 ng
RT: 14.90 min Scan# 1165
Delta R.T. -0.05 min
Lab File: BF089492.D
Acq: 1 Aug 2016 3:32

Tgt Ion:252 Resp: 11320

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.4	26.2
125	16.2	12.4	18.6