Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071816\
Data File : BF089100.D
Acq On : 19 Jul 2016 00:11
Operator : UM/SJ
Sample : H4045-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : H10-B4(0-6)C

Quant Time: Jul 19 03:18:32 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	52691	20.00	ng		-0.07
21) Naphthalene-d8	7.93	136	227609	20.00	ng		-0.07
38) Acenaphthene-d10	9.68	164	90065	20.00	ng		-0.07
63) Phenanthrene-d10	11.15	188	143214	20.00	ng		-0.07
75) Chrysene-d12	13.77	240	102605	20.00	ng		-0.08
86) Perylene-d12	15.13	264	81835	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	354066	100.71	ng		-0.06
7) Phenol-d6	6.31	99	538600	118.56	ng		-0.05
23) Nitrobenzene-d5	7.21	82	262962	60.54	ng		-0.07
41) 2,4,6-Tribromophenol	10.47	330	73788	88.23	ng		-0.07
44) 2-Fluorobiphenyl	9.00	172	448654	78.69	ng		-0.07
78) Terphenyl-d14	12.74	244	325720	70.71	ng		-0.06
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.21	70	36176	11.86	ng	#	74
25) Isophorone	7.21	82	207247	25.76	ng	#	65
49) Dimethylphthalate	9.40	163	105921	16.51	ng		99
56) 2,4-Dinitrotoluene	9.68	165	11332	6.09	ng	#	36
66) 4-Bromophenyl-phenylether	10.47	248	5592	3.87	ng	#	1
74) Fluoranthene	12.35	202	20927	2.64	ng		99
77) Pyrene	12.58	202	20515	2.36	ng		98
87) Benzo(b)fluoranthene	14.77	252	14599	2.84	ng	#	74
88) Benzo(k)fluoranthene	14.77	252	14599	3.27	ng	#	80

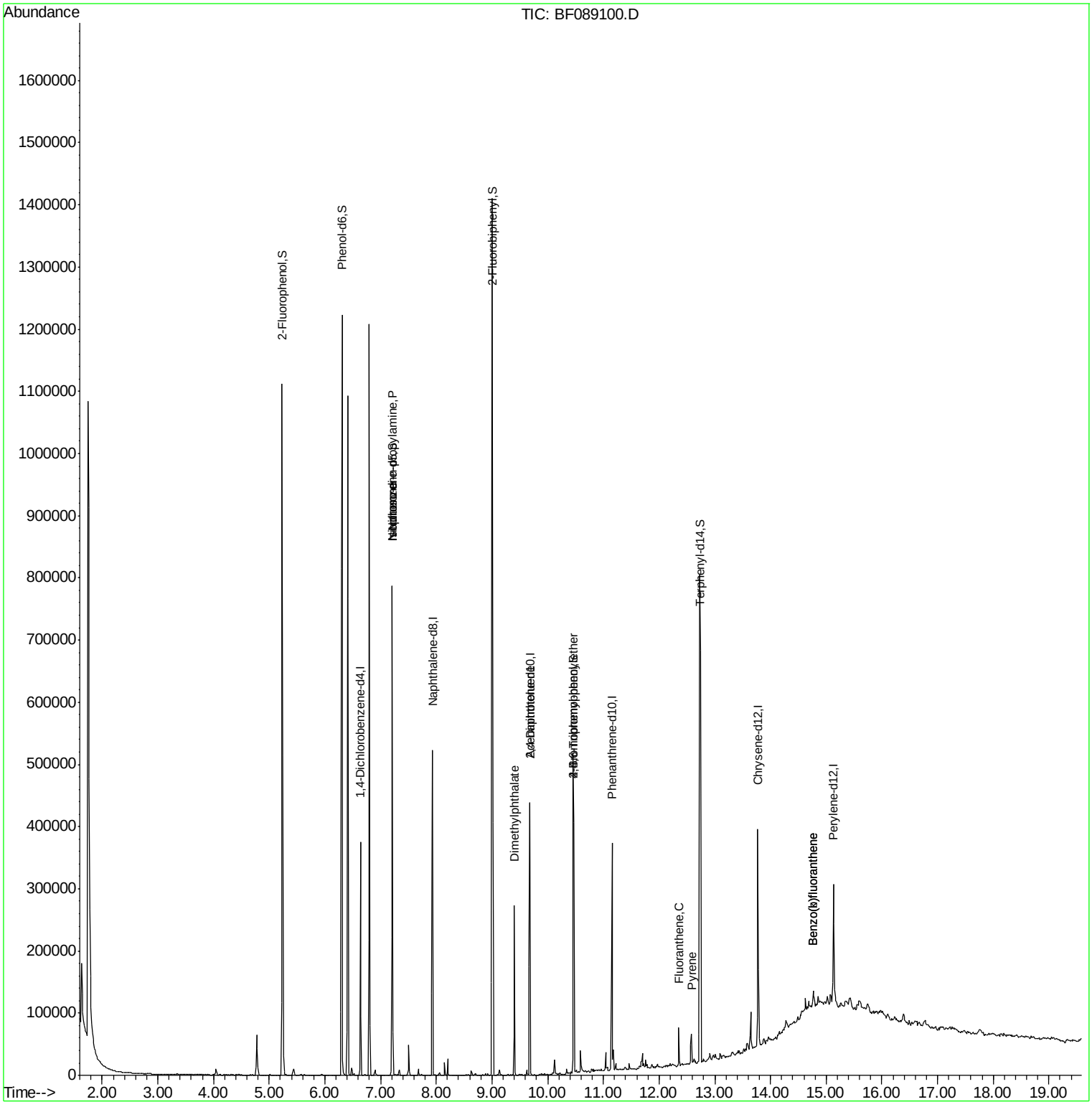
(#) = qualifier out of range (m) = manual integration (+) = signals summed

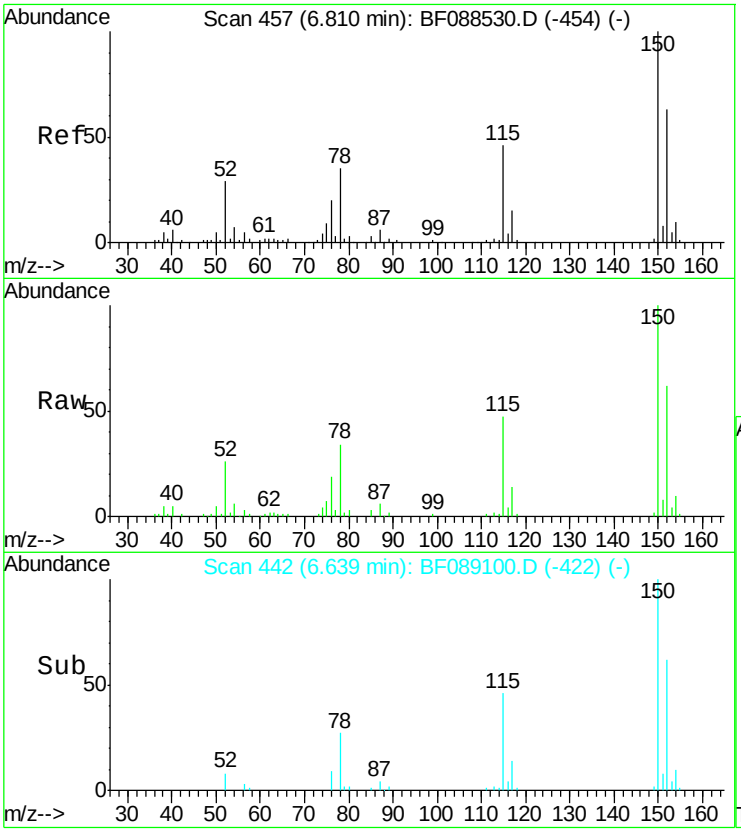
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071816\
Data File : BF089100.D
Acq On : 19 Jul 2016 00:11
Operator : UM/SJ
Sample : H4045-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
H10-B4(0-6)C

Quant Time: Jul 19 03:18:32 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration



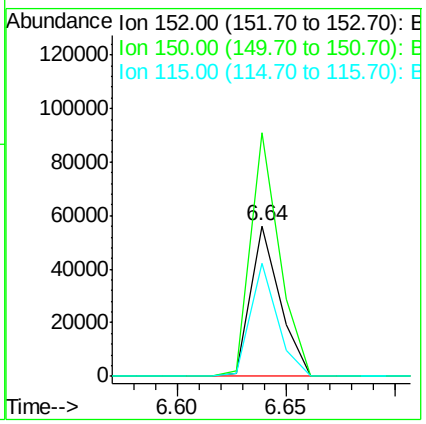


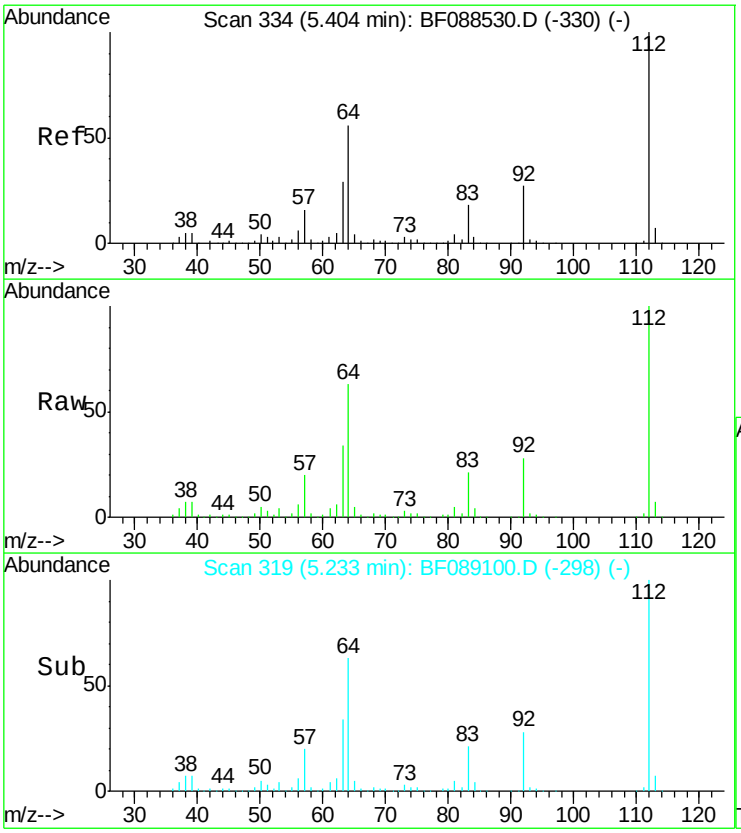
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 442
Delta R.T. -0.07 min
Lab File: BF089100.D
Acq: 19 Jul 2016 00:11

Instrument :
BNA_F
ClientSampleId :
H10-B4(0-6)C

Tgt Ion:152 Resp: 52691

Ion	Ratio	Lower	Upper
152	100		
150	161.8	123.8	185.6
115	75.4	39.6	59.4#

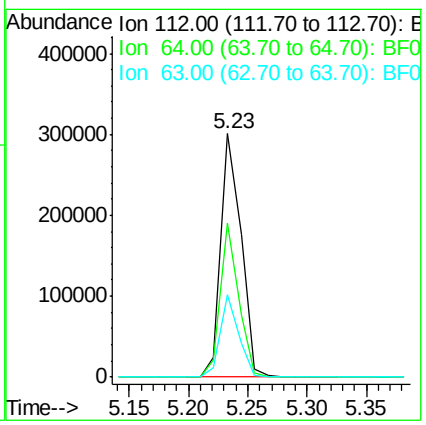


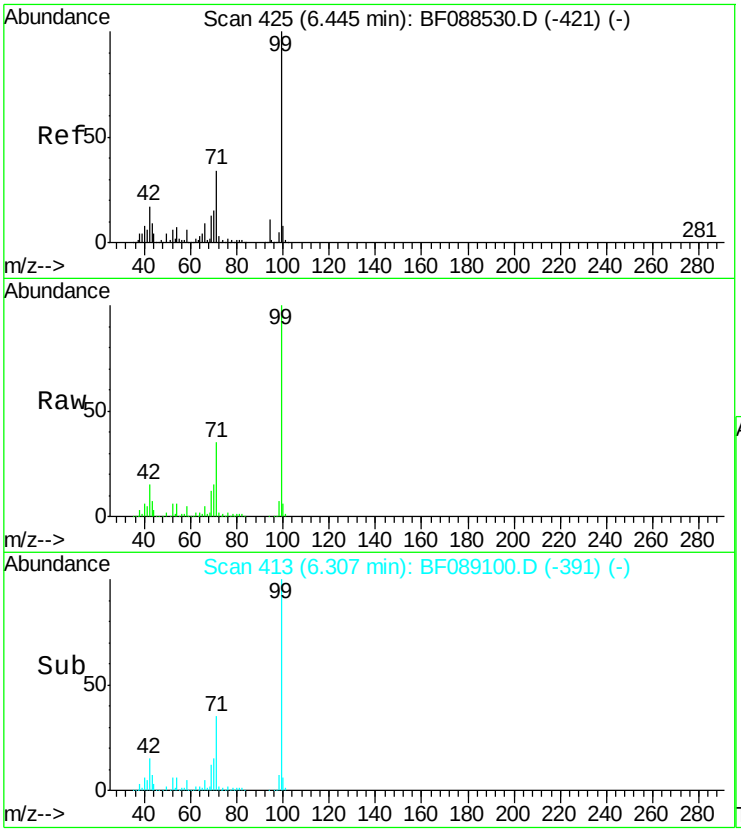


#5
2-Fluorophenol
Concen: 100.71 ng
RT: 5.23 min Scan# 319
Delta R.T. -0.06 min
Lab File: BF089100.D
Acq: 19 Jul 2016 00:11

Tgt Ion:112 Resp: 354066

Ion	Ratio	Lower	Upper
112	100		
64	63.2	42.2	63.2
63	33.6	21.8	32.8#



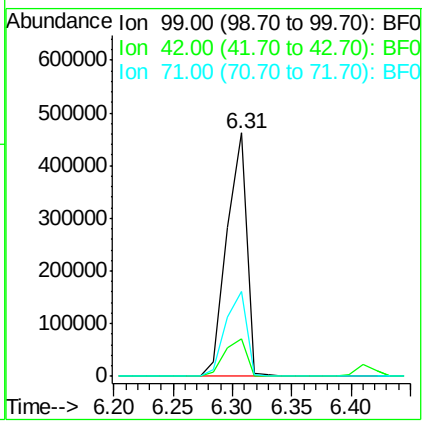


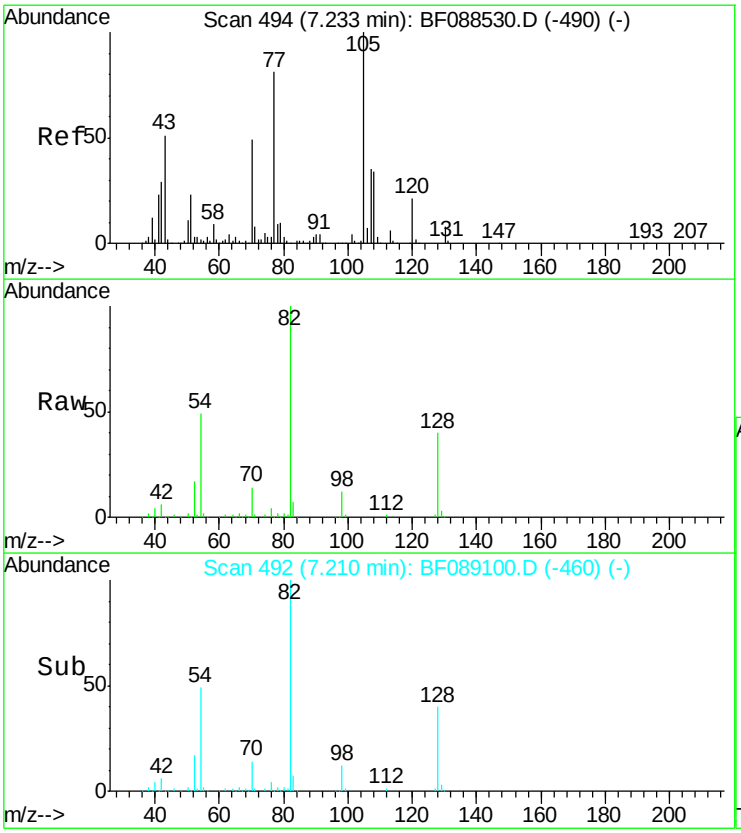
#7
Phenol-d6
Concen: 118.56 ng
RT: 6.31 min Scan# 413
Delta R.T. -0.05 min
Lab File: BF089100.D
Acq: 19 Jul 2016 00:11

Instrument :
BNA_F
ClientSampleId :
H10-B4(0-6)C

Tgt Ion: 99 Resp: 538600

Ion	Ratio	Lower	Upper
99	100		
42	15.4	12.2	18.2
71	34.8	23.4	35.0

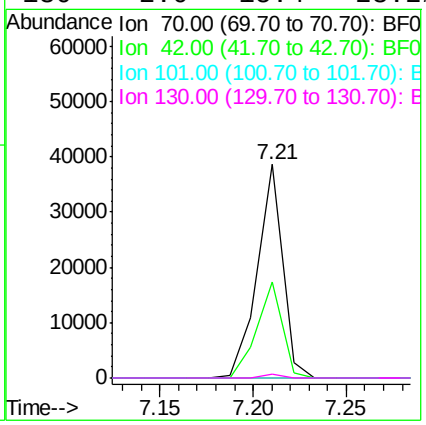


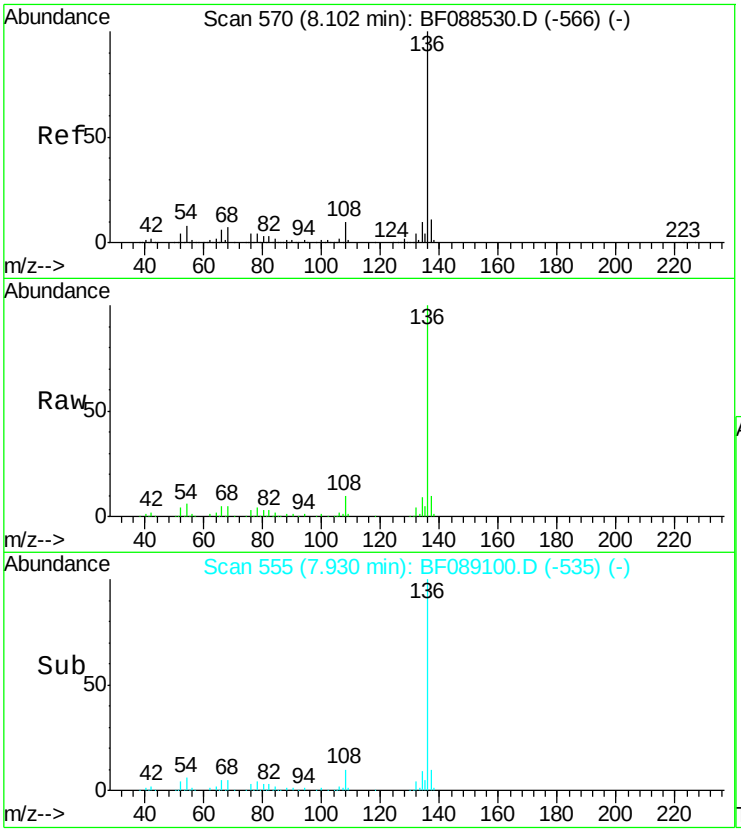


#19
n-Nitroso-di-n-propylamine
Concen: 11.86 ng
RT: 7.21 min Scan# 492
Delta R.T. 0.07 min
Lab File: BF089100.D
Acq: 19 Jul 2016 00:11

Tgt Ion: 70 Resp: 36176

Ion	Ratio	Lower	Upper
70	100		
42	45.1	49.6	74.4#
101	0.0	7.1	10.7#
130	2.0	15.4	23.2#



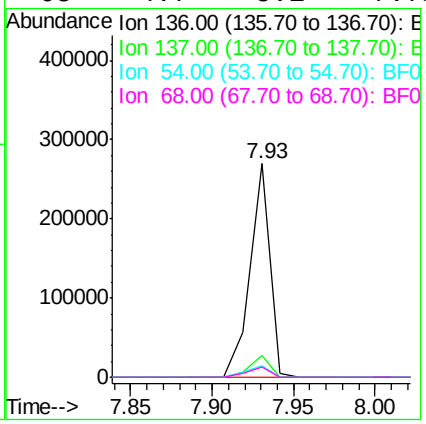


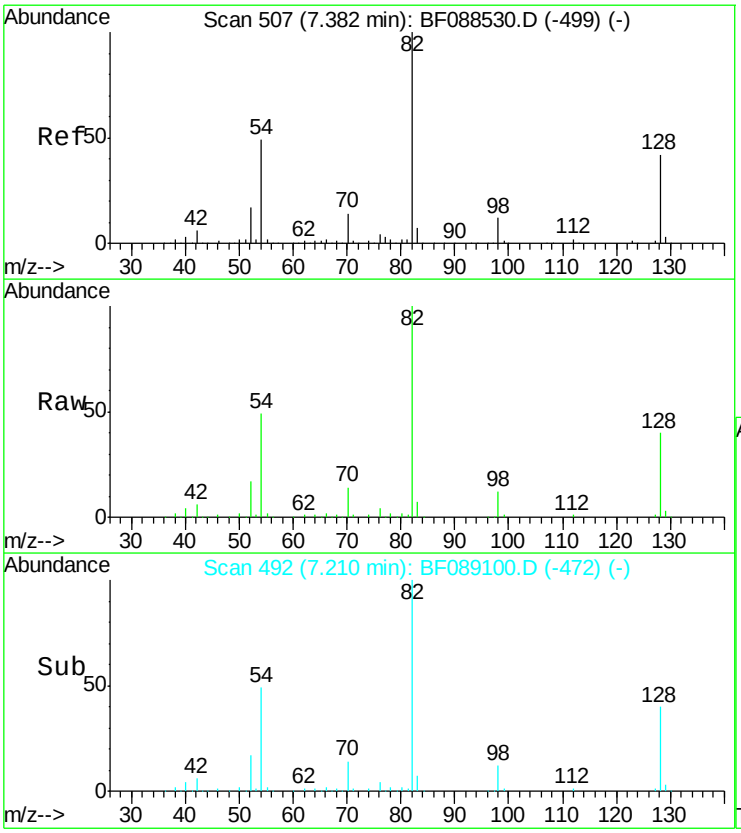
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.07 min
Lab File: BF089100.D
Acq: 19 Jul 2016 00:11

Instrument :
BNA_F
ClientSampleId :
H10-B4(0-6)C

Tgt Ion:136 Resp: 227609

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.1	13.7
54	5.7	6.6	10.0#
68	4.7	5.1	7.7#

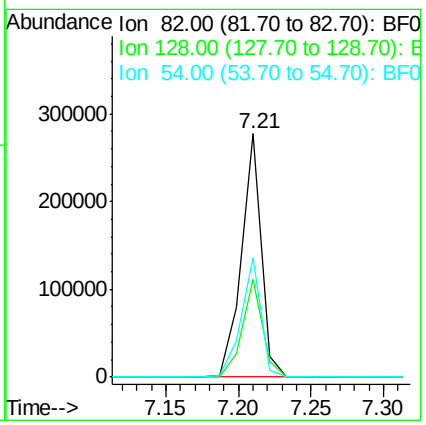


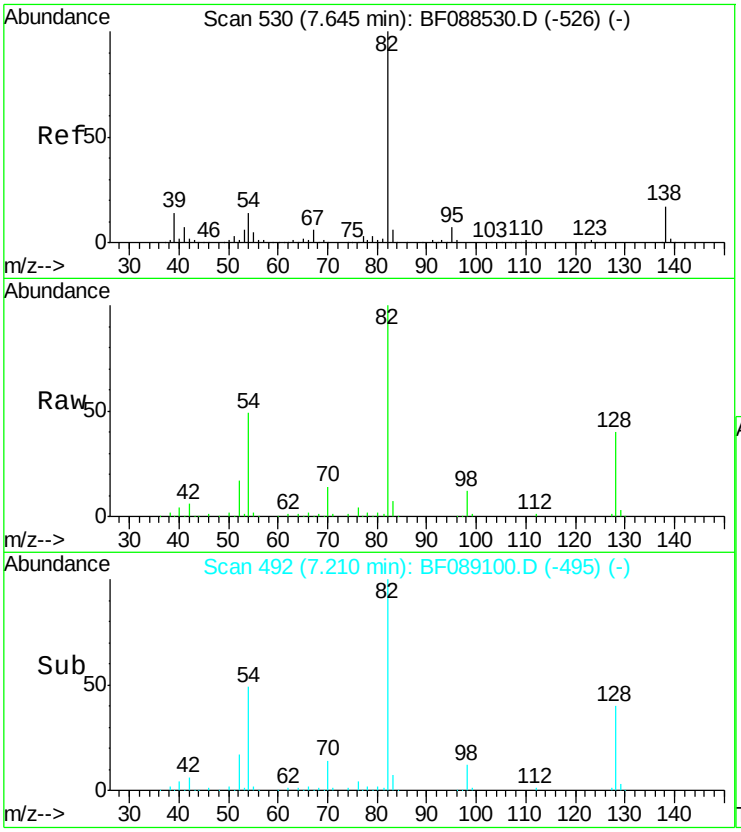


#23
Nitrobenzene-d5
Concen: 60.54 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.07 min
Lab File: BF089100.D
Acq: 19 Jul 2016 00:11

Tgt Ion: 82 Resp: 262962

Ion	Ratio	Lower	Upper
82	100		
128	39.9	35.9	53.9
54	49.1	40.9	61.3



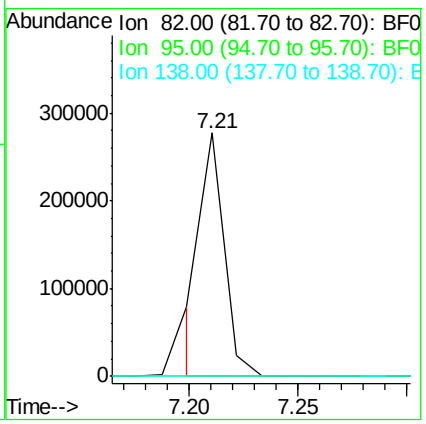


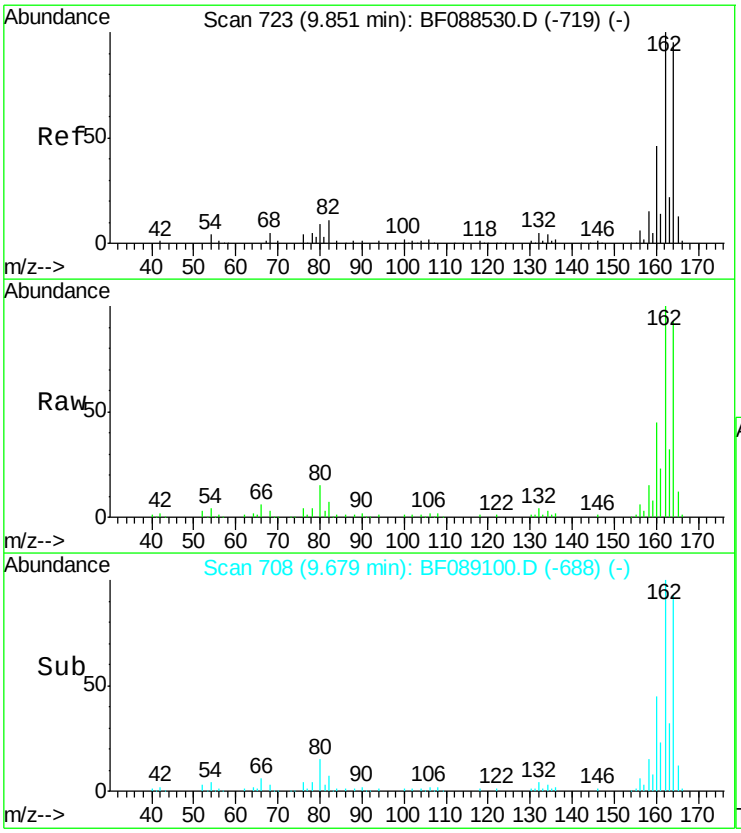
#25
Isophorone
Concen: 25.76 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.33 min
Lab File: BF089100.D
Acq: 19 Jul 2016 00:11

Instrument :
BNA_F
ClientSampleId :
H10-B4(0-6)C

Tgt Ion: 82 Resp: 207247

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	21.8#

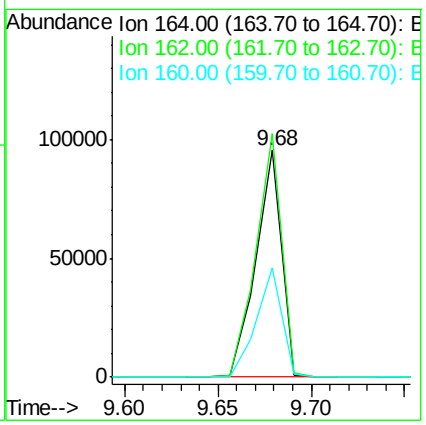


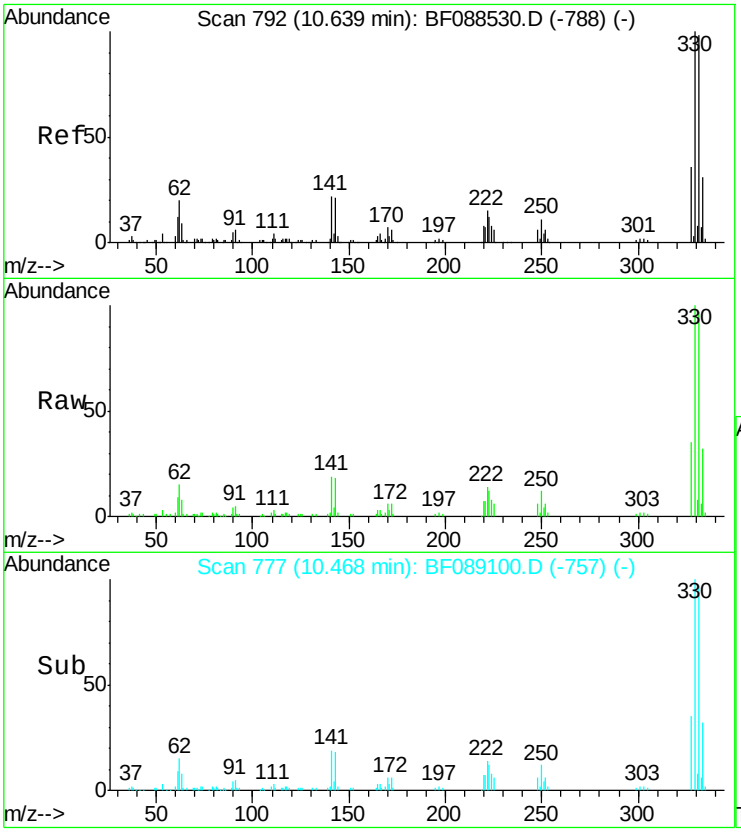


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 708
Delta R.T. -0.07 min
Lab File: BF089100.D
Acq: 19 Jul 2016 00:11

Tgt Ion:164 Resp: 90065

Ion	Ratio	Lower	Upper
164	100		
162	107.3	85.4	128.2
160	48.2	39.5	59.3



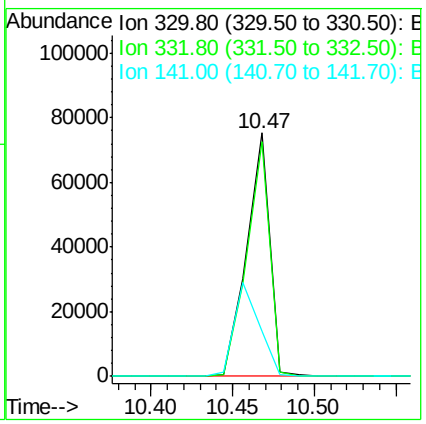


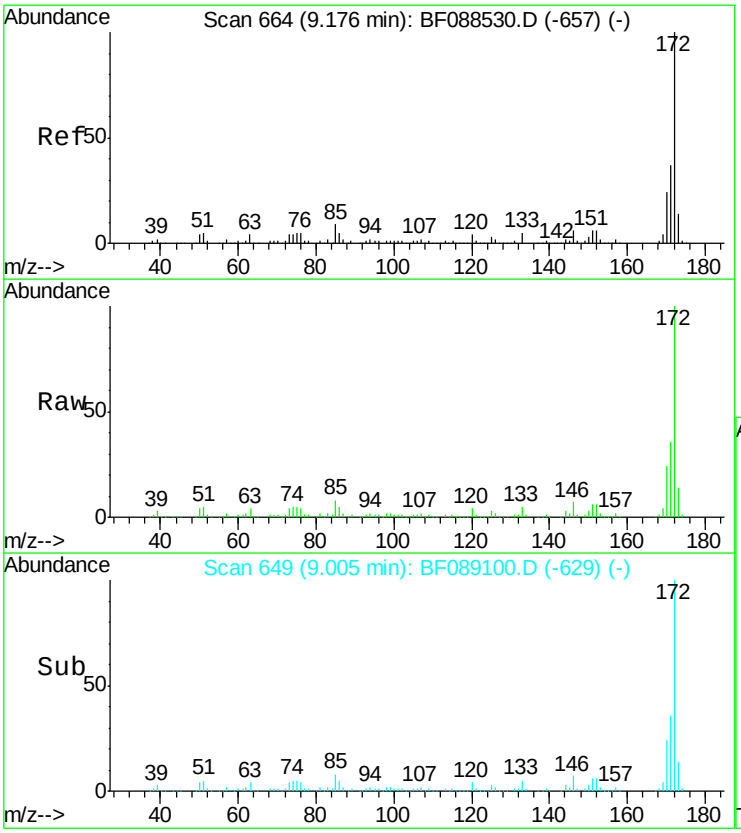
#41
2,4,6-Tribromophenol
Concen: 88.23 ng
RT: 10.47 min Scan# 777
Delta R.T. -0.07 min
Lab File: BF089100.D
Acq: 19 Jul 2016 00:11

Instrument :
BNA_F
ClientSampleId :
H10-B4(0-6)C

Tgt Ion:330 Resp: 73788

Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	41.9	0.0	0.0#

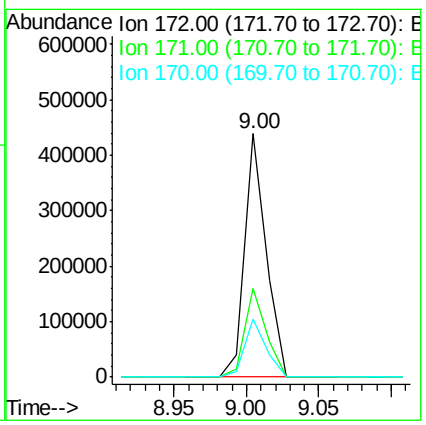


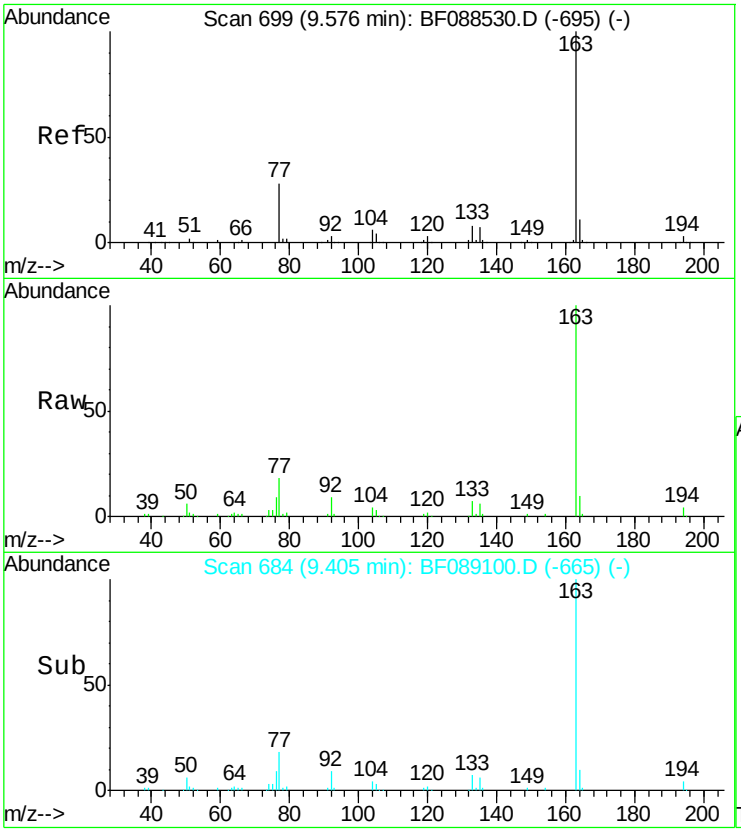


#44
2-Fluorobiphenyl
Concen: 78.69 ng
RT: 9.00 min Scan# 649
Delta R.T. -0.07 min
Lab File: BF089100.D
Acq: 19 Jul 2016 00:11

Tgt Ion:172 Resp: 448654

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	23.9	19.2	28.8



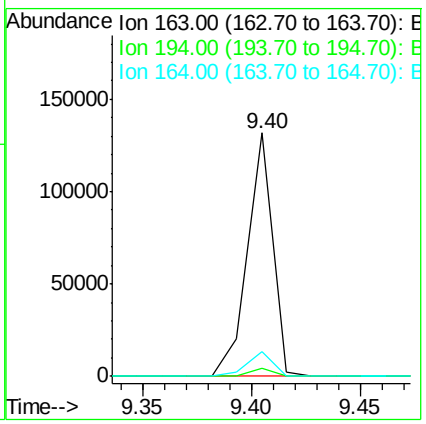


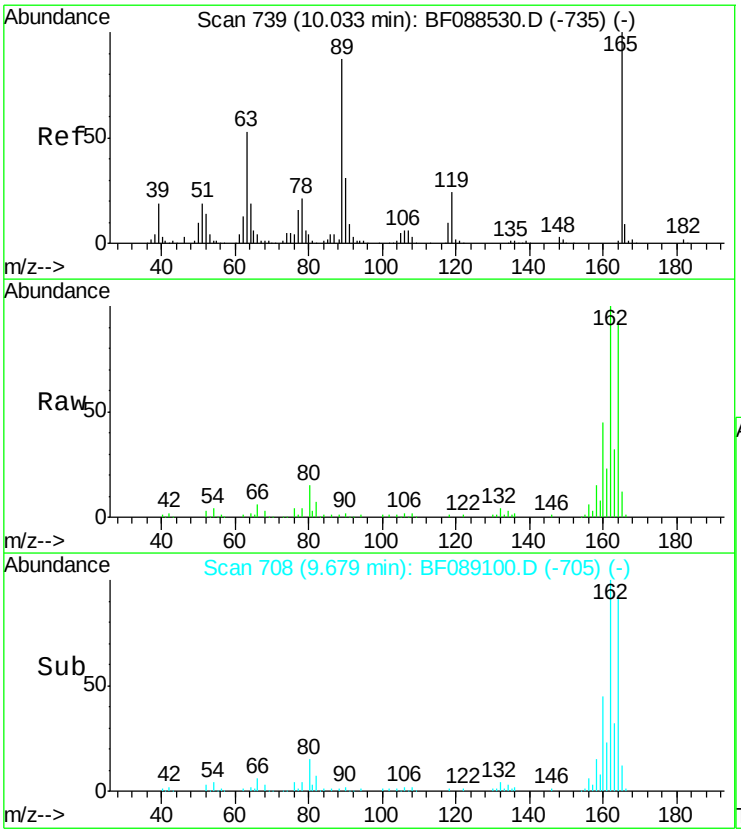
#49
Dimethylphthalate
Concen: 16.51 ng
RT: 9.40 min Scan# 684
Delta R.T. -0.08 min
Lab File: BF089100.D
Acq: 19 Jul 2016 00:11

Instrument :
BNA_F
ClientSampleId :
H10-B4(0-6)C

Tgt Ion:163 Resp: 105921

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	9.9	8.3	12.5

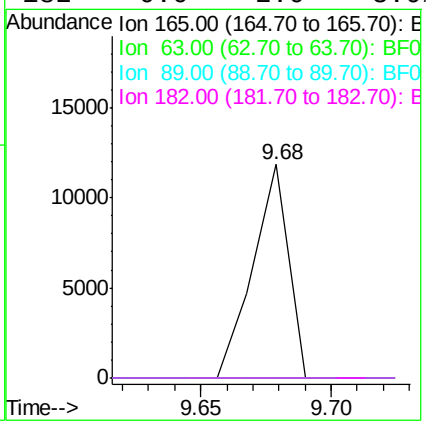


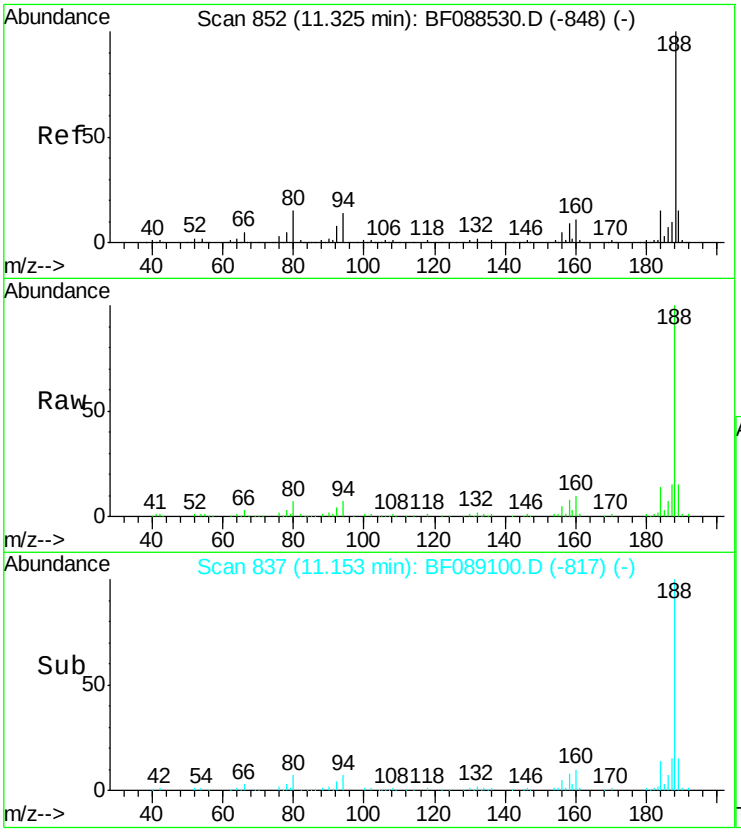


#56
2,4-Dinitrotoluene
Concen: 6.09 ng
RT: 9.68 min Scan# 708
Delta R.T. -0.26 min
Lab File: BF089100.D
Acq: 19 Jul 2016 00:11

Tgt Ion:165 Resp: 11332

Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#



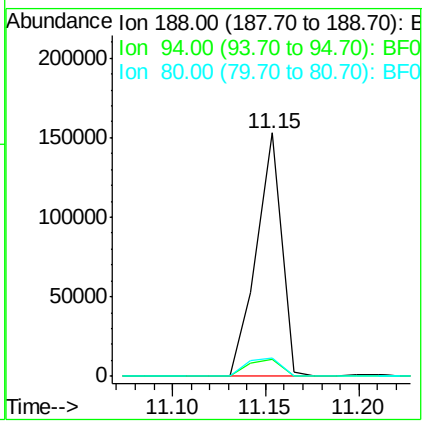


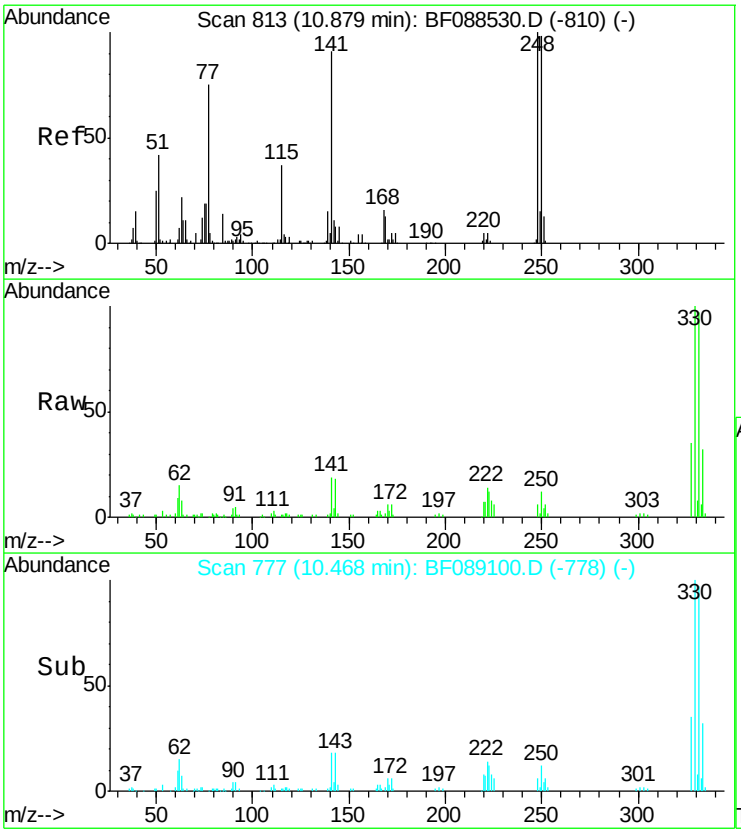
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 837
Delta R.T. -0.07 min
Lab File: BF089100.D
Acq: 19 Jul 2016 00:11

Instrument :
BNA_F
ClientSampleId :
H10-B4(0-6)C

Tgt Ion:188 Resp: 143214

Ion	Ratio	Lower	Upper
188	100		
94	7.1	9.0	13.6#
80	7.5	10.0	15.0#

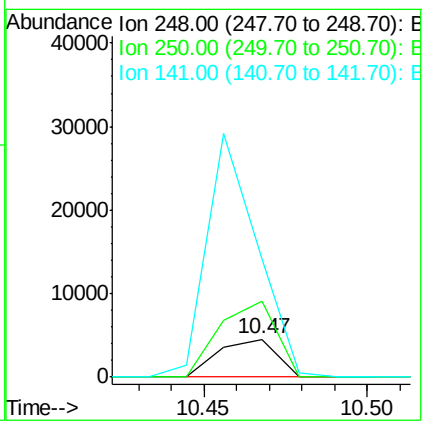


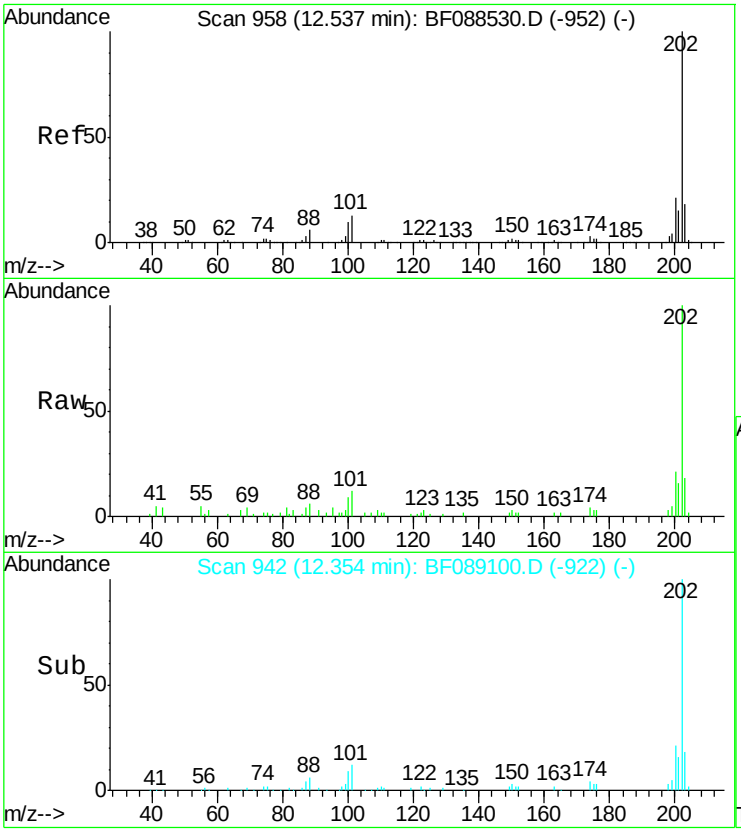


#66
4-Bromophenyl-phenylether
Concen: 3.87 ng
RT: 10.47 min Scan# 777
Delta R.T. -0.31 min
Lab File: BF089100.D
Acq: 19 Jul 2016 00:11

Tgt Ion:248 Resp: 5592

Ion	Ratio	Lower	Upper
248	100		
250	200.8	77.1	115.7#
141	310.8	50.6	76.0#



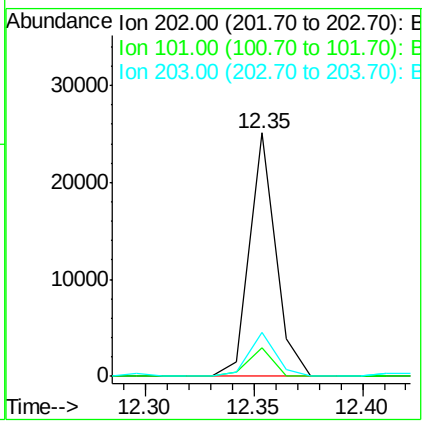


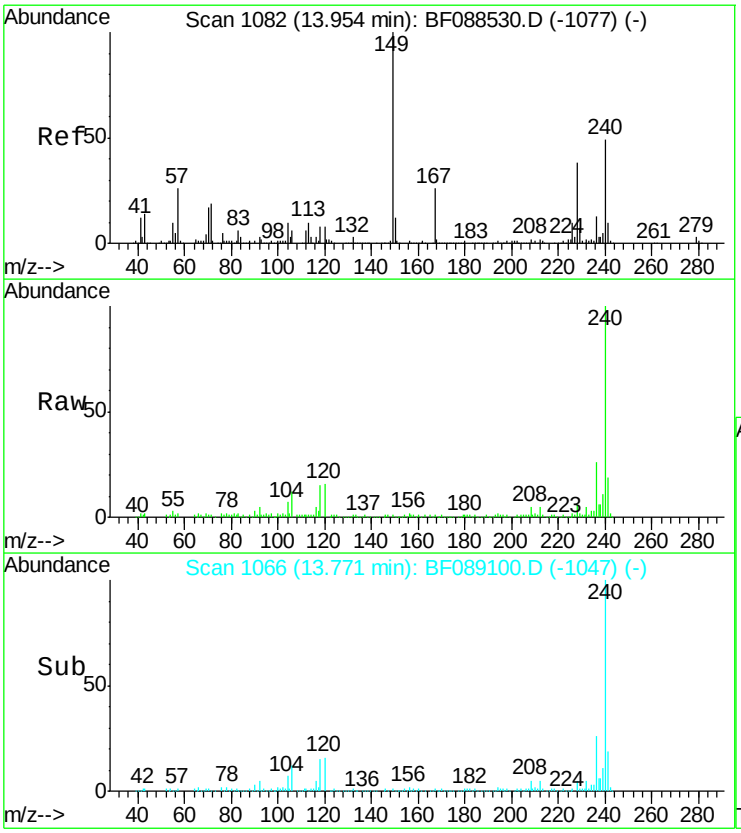
#74
Fluoranthene
Concen: 2.64 ng
RT: 12.35 min Scan# 942
Delta R.T. -0.07 min
Lab File: BF089100.D
Acq: 19 Jul 2016 00:11

Instrument :
BNA_F
ClientSampleId :
H10-B4(0-6)C

Tgt Ion:202 Resp: 20927

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	33.1
203	18.1	0.0	38.1

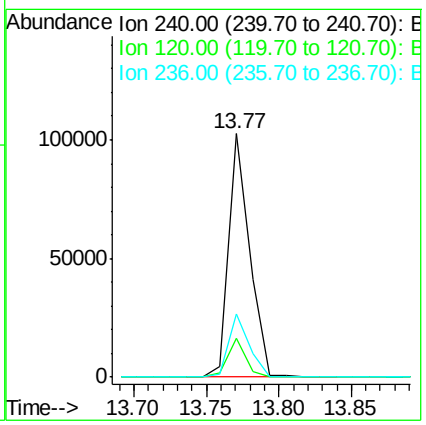


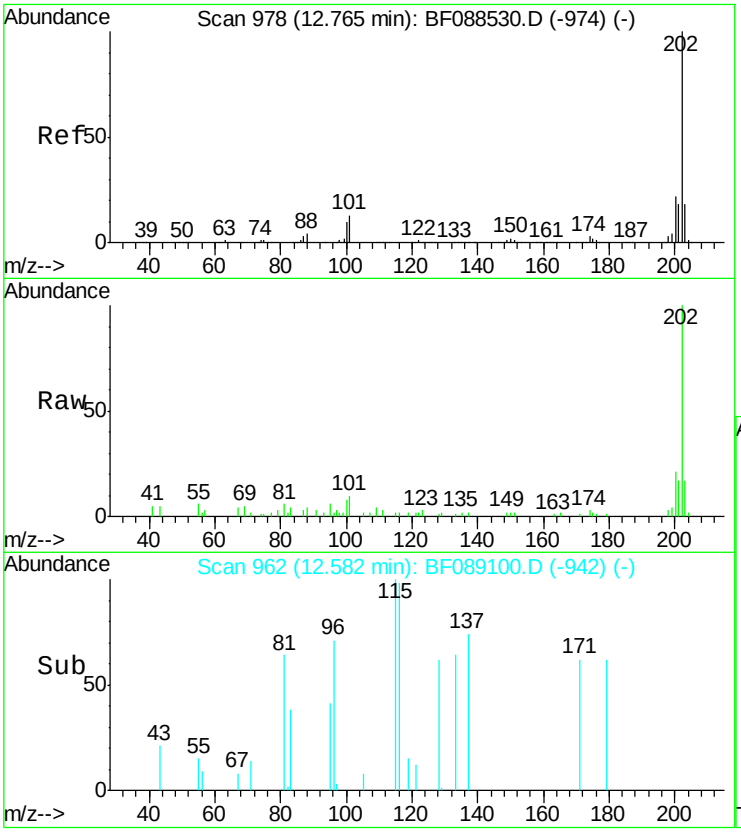


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1066
Delta R.T. -0.08 min
Lab File: BF089100.D
Acq: 19 Jul 2016 00:11

Tgt Ion:240 Resp: 102605

Ion	Ratio	Lower	Upper
240	100		
120	15.9	6.8	10.2#
236	25.9	20.2	30.2



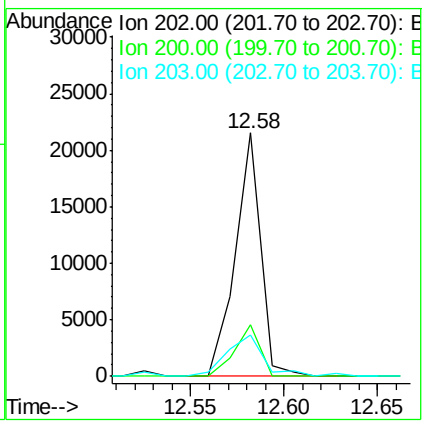


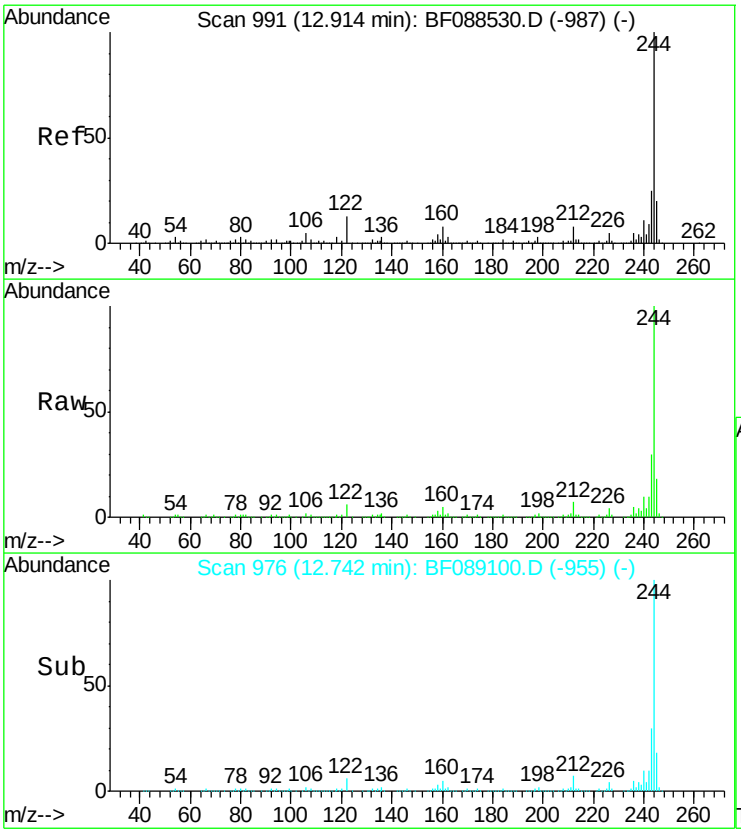
#77
Pyrene
Concen: 2.36 ng
RT: 12.58 min Scan# 962
Delta R.T. -0.07 min
Lab File: BF089100.D
Acq: 19 Jul 2016 00:11

Instrument :
BNA_F
ClientSampleId :
H10-B4(0-6)C

Tgt Ion:202 Resp: 20515

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.0	14.5	21.7

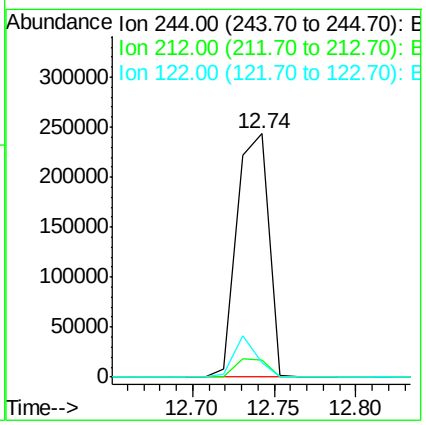


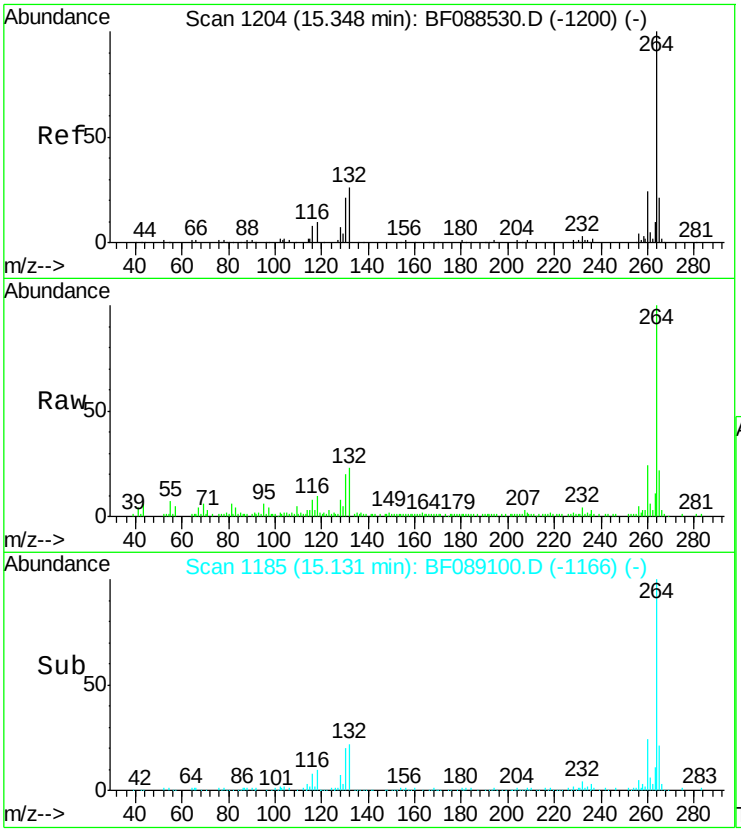


#78
Terphenyl-d14
Concen: 70.71 ng
RT: 12.74 min Scan# 976
Delta R.T. -0.06 min
Lab File: BF089100.D
Acq: 19 Jul 2016 00:11

Tgt Ion:244 Resp: 325720

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	5.8	11.2	16.8#



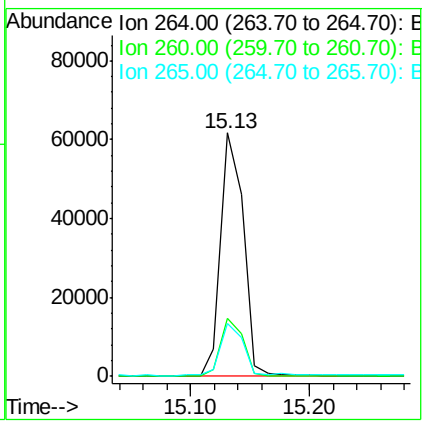


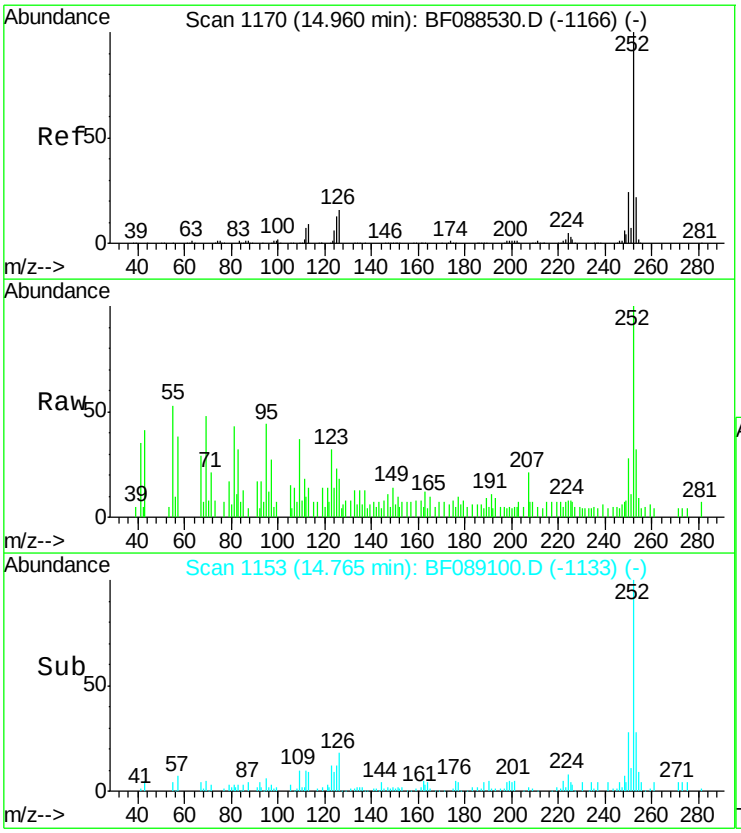
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 1185
Delta R.T. -0.08 min
Lab File: BF089100.D
Acq: 19 Jul 2016 00:11

Instrument :
BNA_F
ClientSampleId :
H10-B4(0-6)C

Tgt Ion:264 Resp: 81835

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.8	16.9	25.3

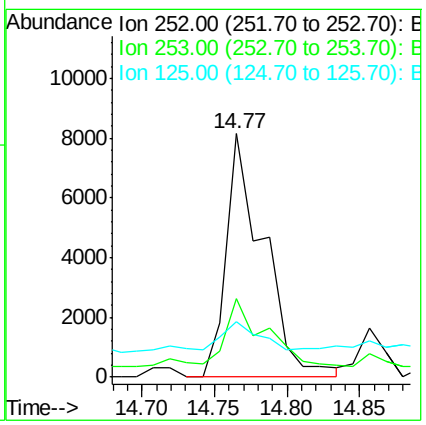


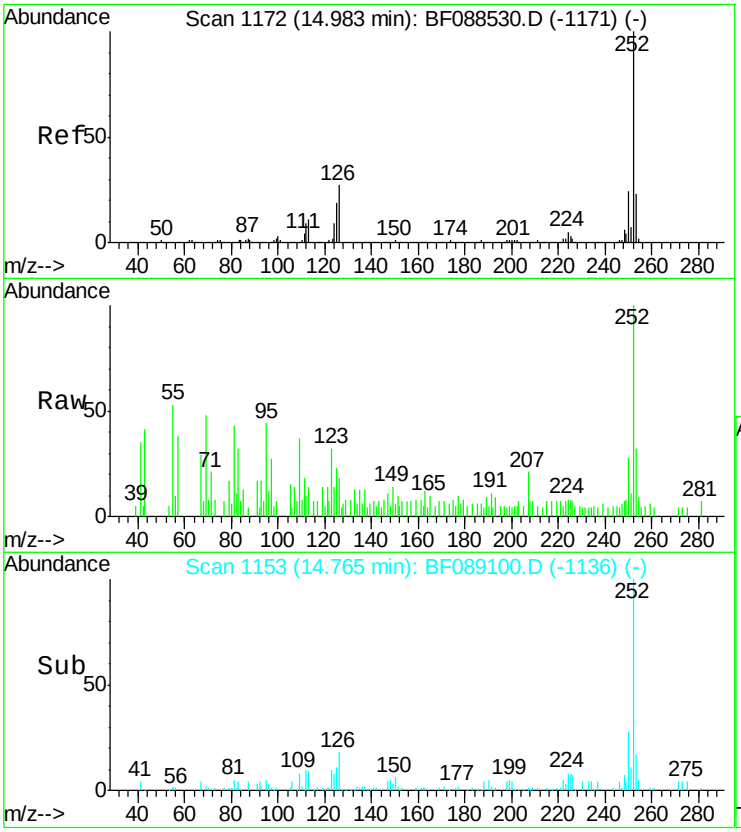


#87
Benzo(b)fluoranthene
Concen: 2.84 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.07 min
Lab File: BF089100.D
Acq: 19 Jul 2016 00:11

Tgt Ion:252 Resp: 14599

Ion	Ratio	Lower	Upper
252	100		
253	32.1	17.4	26.2#
125	22.5	7.1	10.7#





#88
Benzo(k)fluoranthene
Concen: 3.27 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.10 min
Lab File: BF089100.D
Acq: 19 Jul 2016 00:11

Instrument :
BNA_F
ClientSampleId :
H10-B4(0-6)C

Tgt Ion:252 Resp: 14599

Ion	Ratio	Lower	Upper
252	100		
253	32.1	18.0	27.0#
125	22.5	11.2	16.8#