Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071816\
Data File : BF089091.D
Acq On : 18 Jul 2016 19:41
Operator : UM/SJ
Sample : H4044-23 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M10-B2(4-8)C

Quant Time: Jul 19 03:16:15 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	51634	20.00	ng	-0.07
21) Naphthalene-d8	7.93	136	196196	20.00	ng	-0.07
38) Acenaphthene-d10	9.68	164	70992	20.00	ng	-0.07
63) Phenanthrene-d10	11.15	188	107576	20.00	ng	-0.07
75) Chrysene-d12	13.77	240	102620	20.00	ng	-0.08
86) Perylene-d12	15.13	264	83085	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	76863	22.31	ng	-0.07
7) Phenol-d6	6.30	99	93026	20.90	ng	-0.06
23) Nitrobenzene-d5	7.20	82	53182	14.21	ng	-0.08
41) 2,4,6-Tribromophenol	10.46	330	11259	17.08	ng	-0.08
44) 2-Fluorobiphenyl	9.00	172	106053	23.60	ng	-0.07
78) Terphenyl-d14	12.73	244	63156	13.71	ng	-0.07
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.20	70	7068	2.36	ng	# 76
49) Dimethylphthalate	9.40	163	18528	3.66	ng	# 97
50) 2,6-Dinitrotoluene	9.68	165	8892	7.93	ng	# 37
56) 2,4-Dinitrotoluene	9.68	165	8892	6.07	ng	# 36
70) Phenanthrene	11.16	178	15639	2.66	ng	100
74) Fluoranthene	12.35	202	20647	3.46	ng	94
77) Pyrene	12.35	202	20647	2.37	ng	96
87) Benzo(b)fluoranthene	14.77	252	11495	2.21	ng	# 72
88) Benzo(k)fluoranthene	14.77	252	11495	2.53	ng	# 76

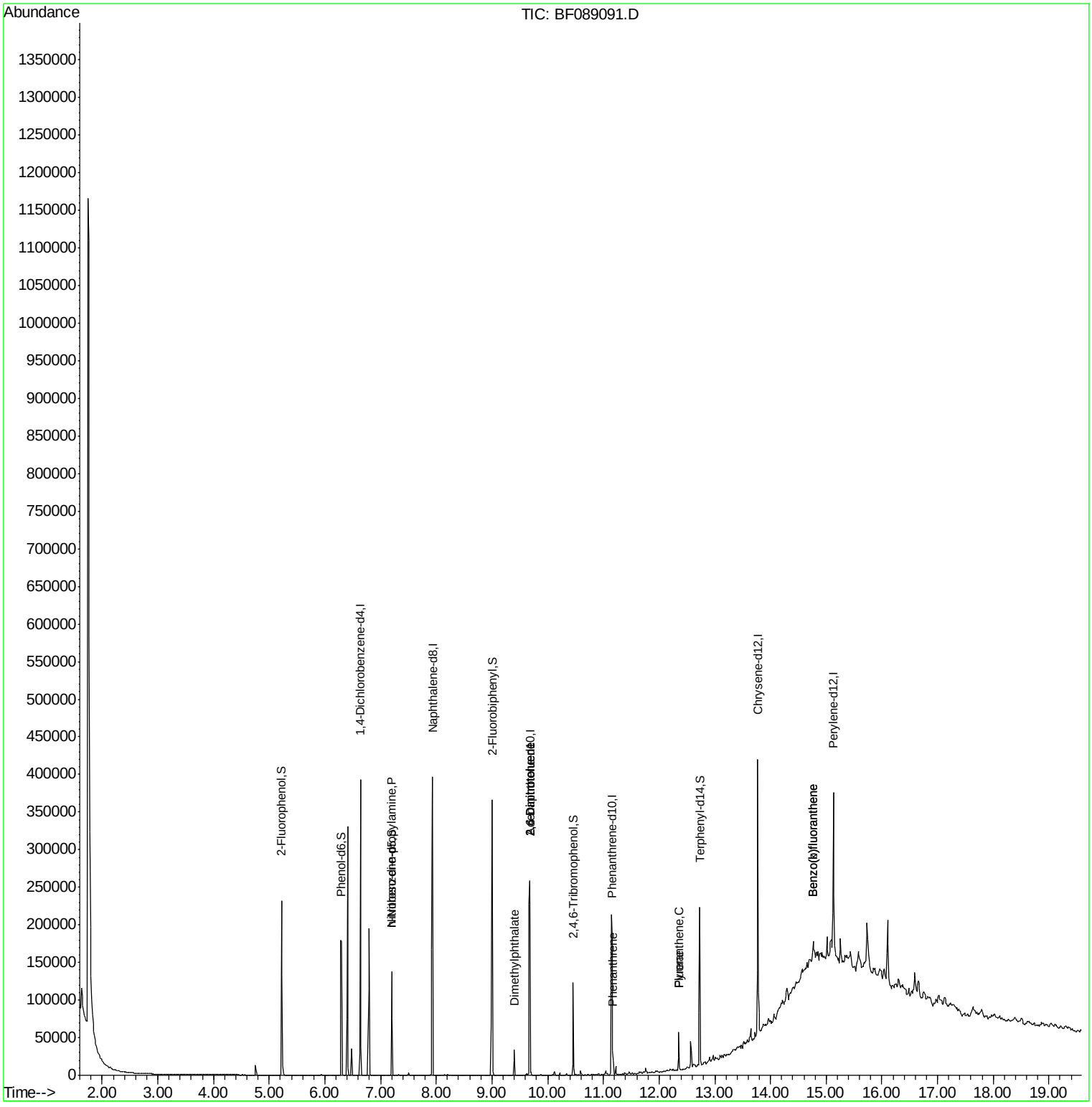
(#) = qualifier out of range (m) = manual integration (+) = signals summed

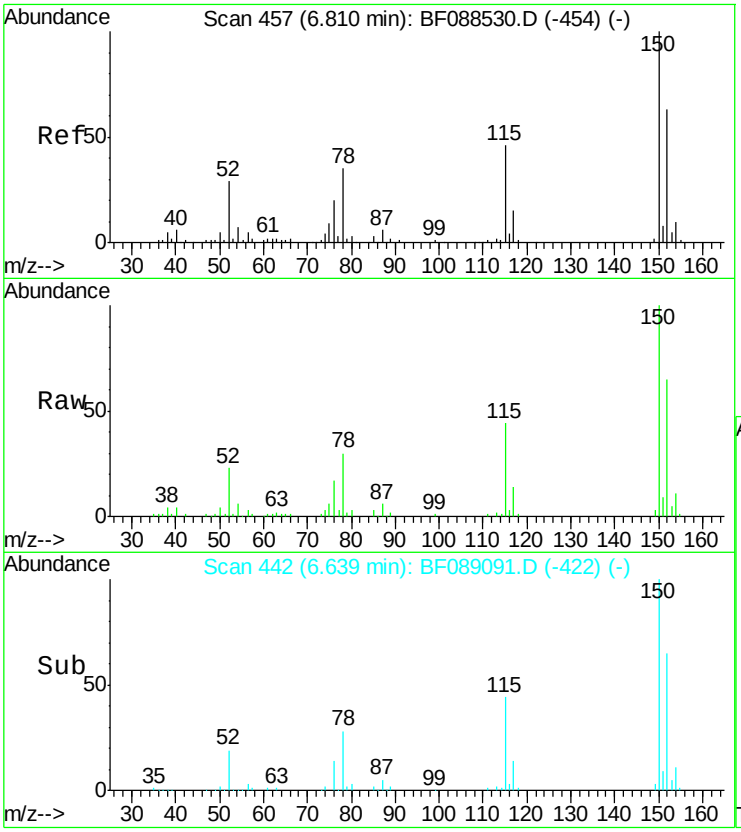
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071816\
Data File : BF089091.D
Acq On : 18 Jul 2016 19:41
Operator : UM/SJ
Sample : H4044-23 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
M10-B2(4-8)C

Quant Time: Jul 19 03:16:15 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



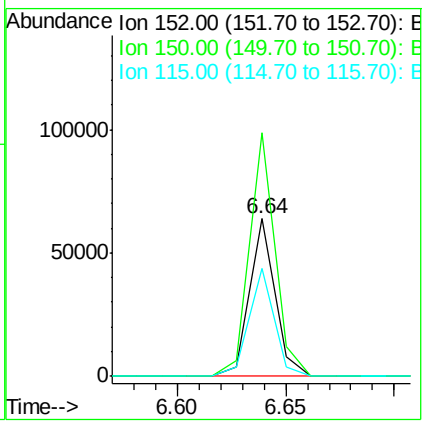


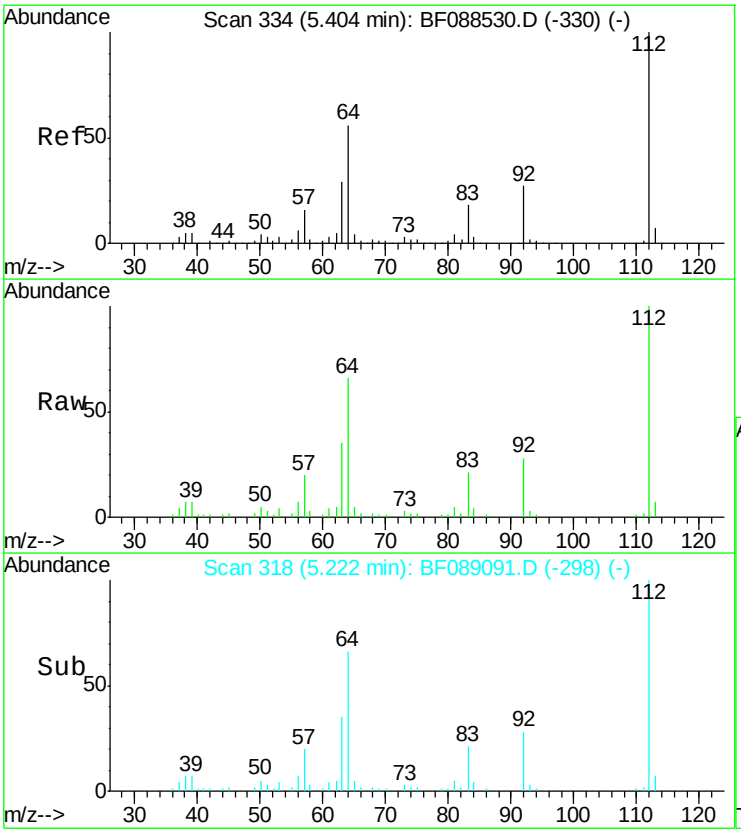
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 442
Delta R.T. -0.07 min
Lab File: BF089091.D
Acq: 18 Jul 2016 19:41

Instrument :
BNA_F
ClientSampleId :
M10-B2(4-8)C

Tgt Ion:152 Resp: 51634

Ion	Ratio	Lower	Upper
152	100		
150	154.8	123.8	185.6
115	68.8	39.6	59.4#

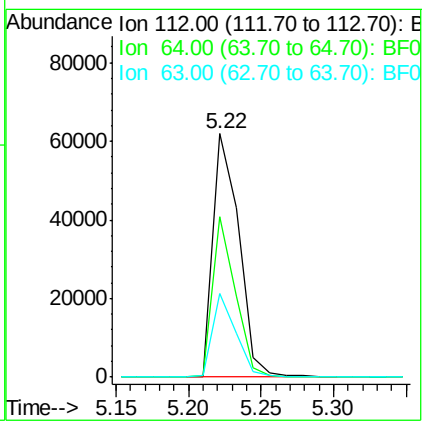


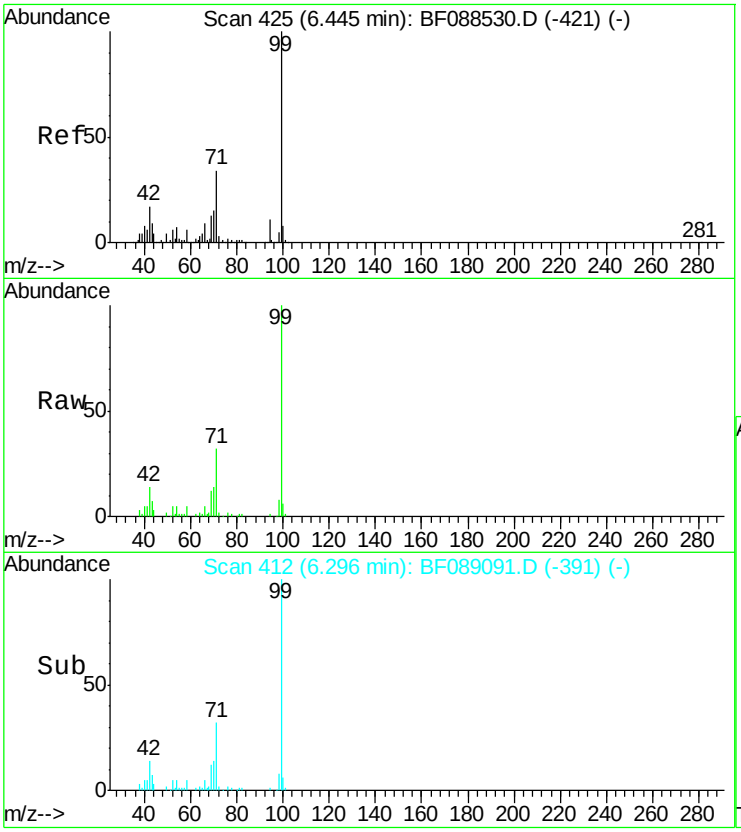


#5
2-Fluorophenol
Concen: 22.31 ng
RT: 5.22 min Scan# 318
Delta R.T. -0.07 min
Lab File: BF089091.D
Acq: 18 Jul 2016 19:41

Tgt Ion:112 Resp: 76863

Ion	Ratio	Lower	Upper
112	100		
64	65.7	42.2	63.2#
63	34.5	21.8	32.8#



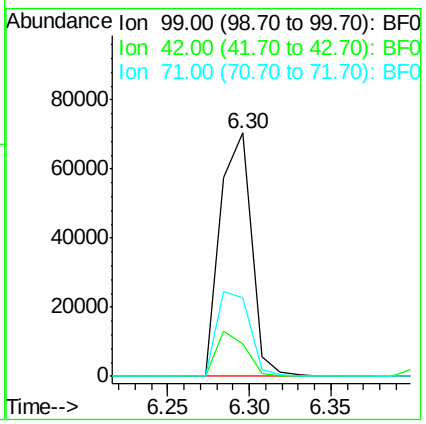


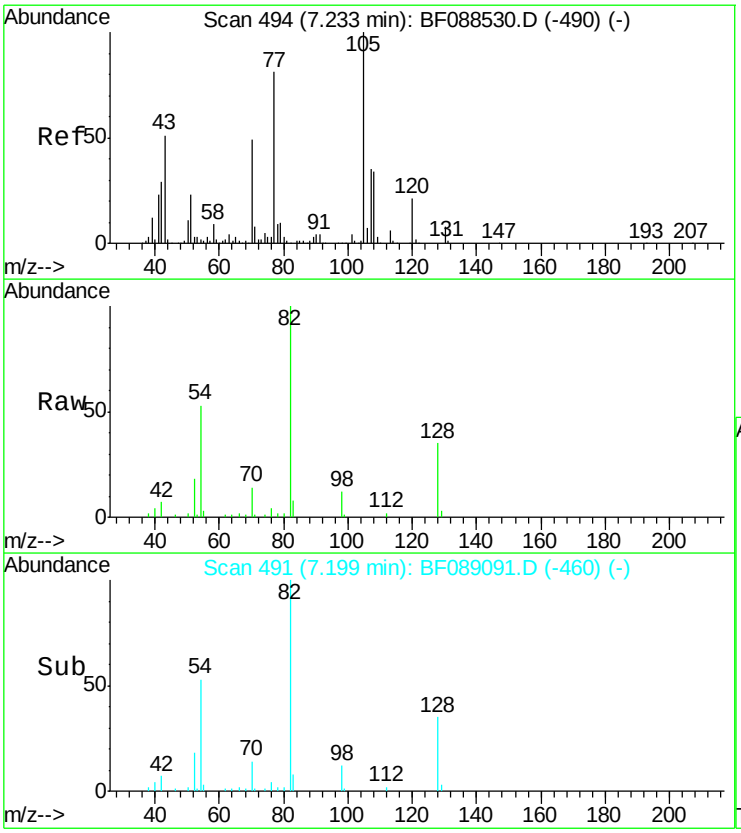
#7
Phenol-d6
Concen: 20.90 ng
RT: 6.30 min Scan# 412
Delta R.T. -0.06 min
Lab File: BF089091.D
Acq: 18 Jul 2016 19:41

Instrument :
BNA_F
ClientSampleId :
M10-B2(4-8)C

Tgt Ion: 99 Resp: 93026

Ion	Ratio	Lower	Upper
99	100		
42	13.5	12.2	18.2
71	32.3	23.4	35.0

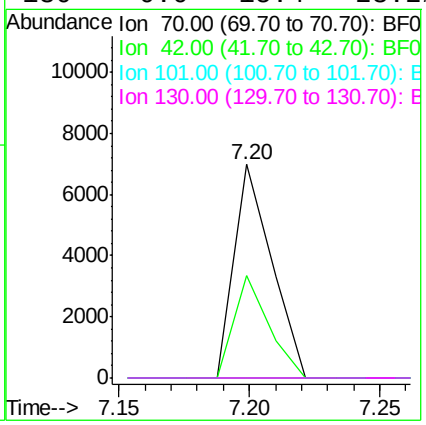


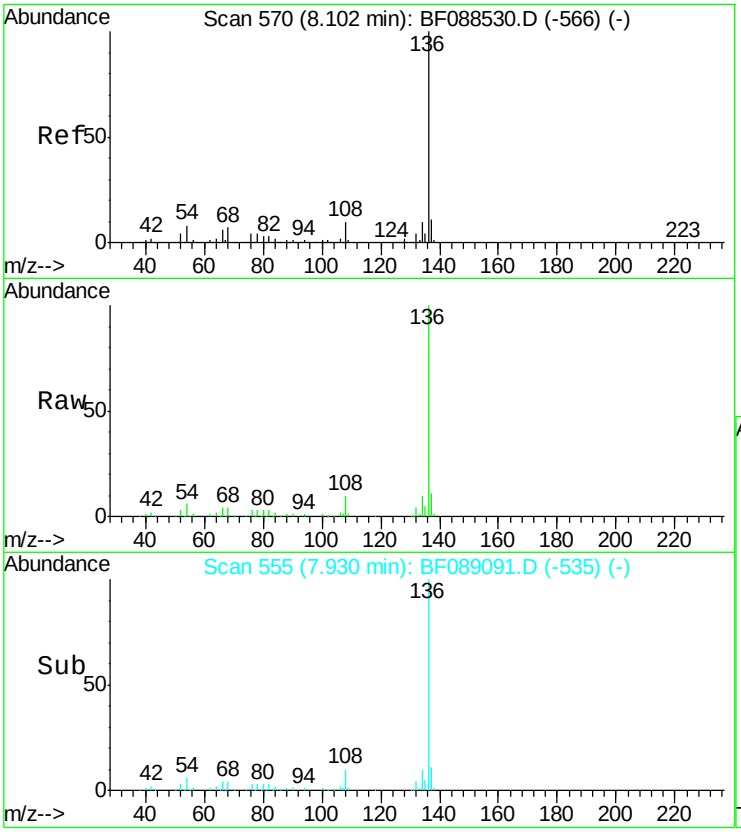


#19
n-Nitroso-di-n-propylamine
Concen: 2.36 ng
RT: 7.20 min Scan# 491
Delta R.T. 0.06 min
Lab File: BF089091.D
Acq: 18 Jul 2016 19:41

Tgt Ion: 70 Resp: 7068

Ion	Ratio	Lower	Upper
70	100		
42	47.8	49.6	74.4#
101	0.0	7.1	10.7#
130	0.0	15.4	23.2#



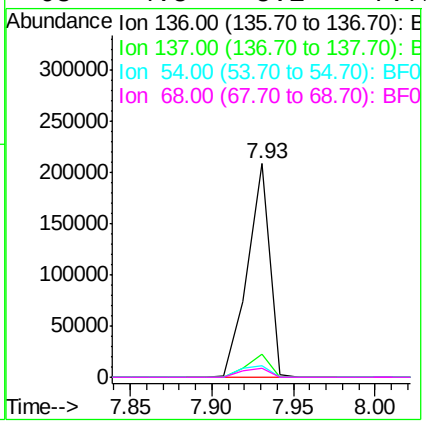


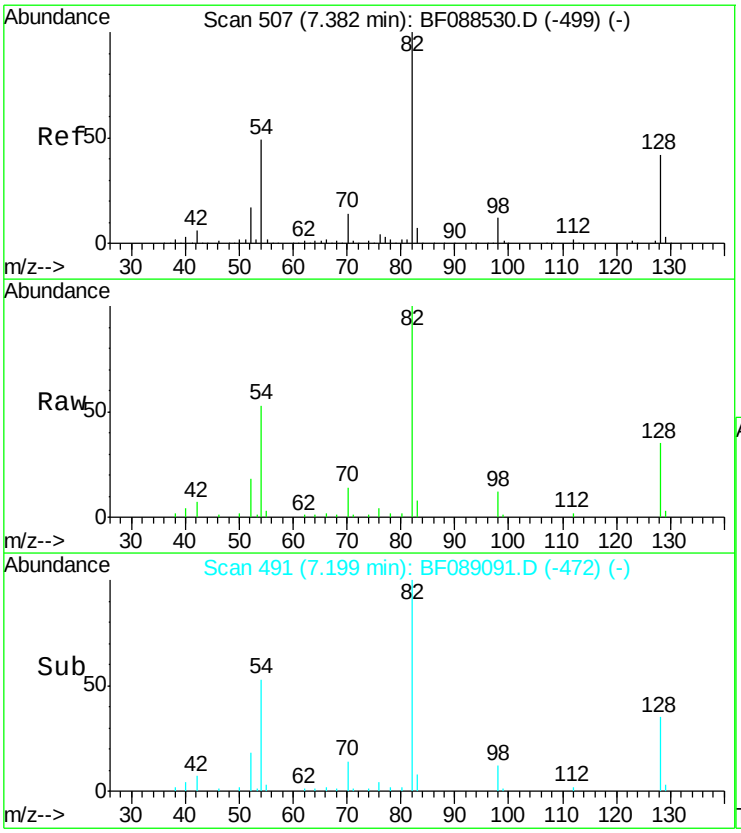
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.07 min
Lab File: BF089091.D
Acq: 18 Jul 2016 19:41

Instrument :
BNA_F
ClientSampleId :
M10-B2(4-8)C

Tgt Ion:136 Resp: 196196

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	5.5	6.6	10.0#
68	4.5	5.1	7.7#

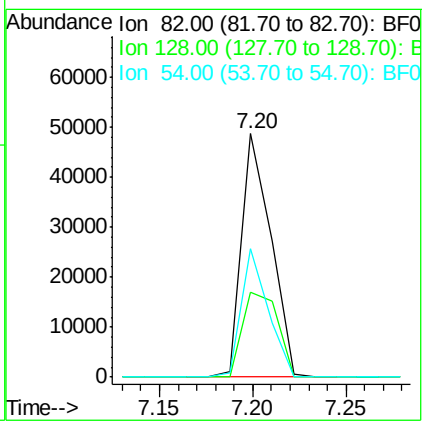


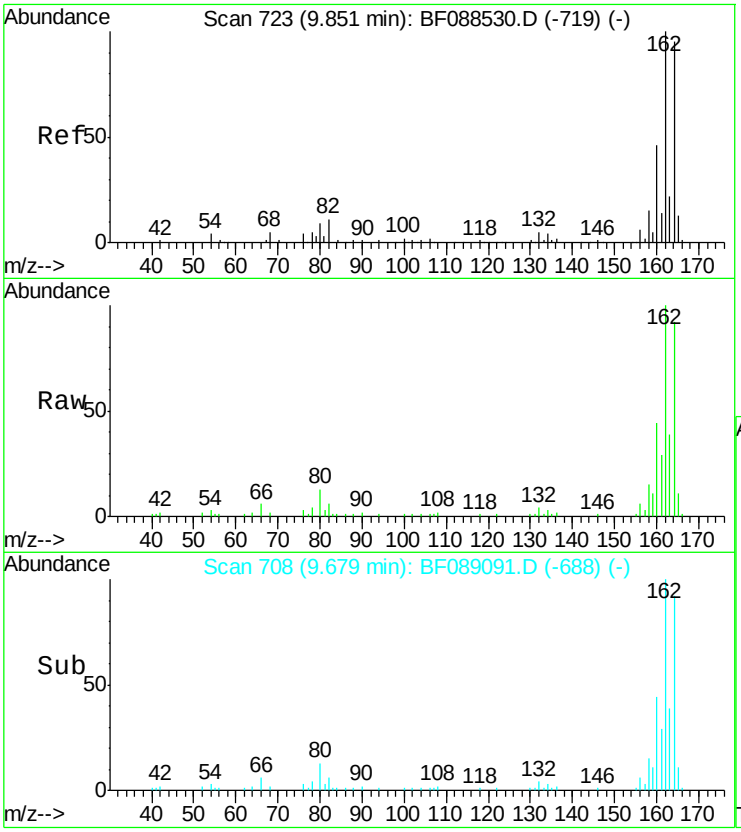


#23
Nitrobenzene-d5
Concen: 14.21 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.08 min
Lab File: BF089091.D
Acq: 18 Jul 2016 19:41

Tgt Ion: 82 Resp: 53182

Ion	Ratio	Lower	Upper
82	100		
128	34.9	35.9	53.9#
54	52.9	40.9	61.3



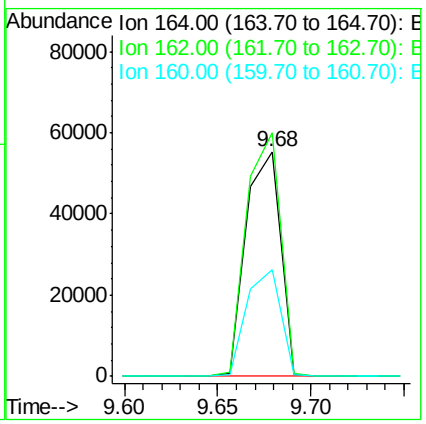


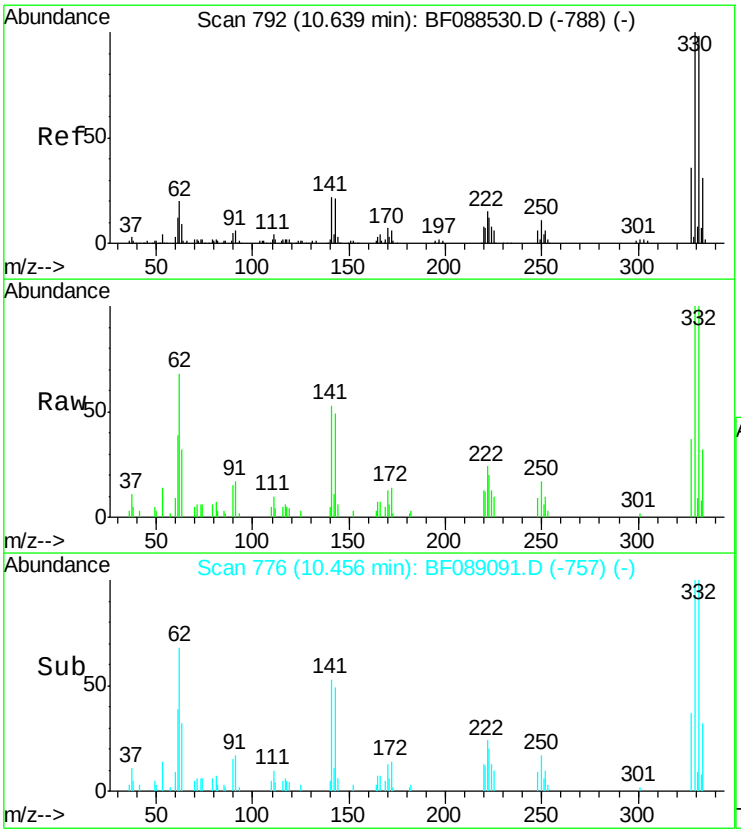
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 708
Delta R.T. -0.07 min
Lab File: BF089091.D
Acq: 18 Jul 2016 19:41

Instrument :
BNA_F
ClientSampleId :
M10-B2(4-8)C

Tgt Ion:164 Resp: 70992

Ion	Ratio	Lower	Upper
164	100		
162	108.2	85.4	128.2
160	47.4	39.5	59.3

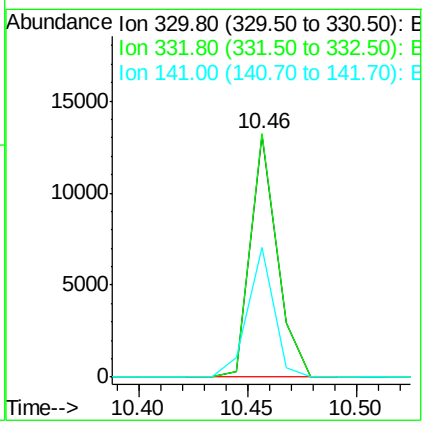


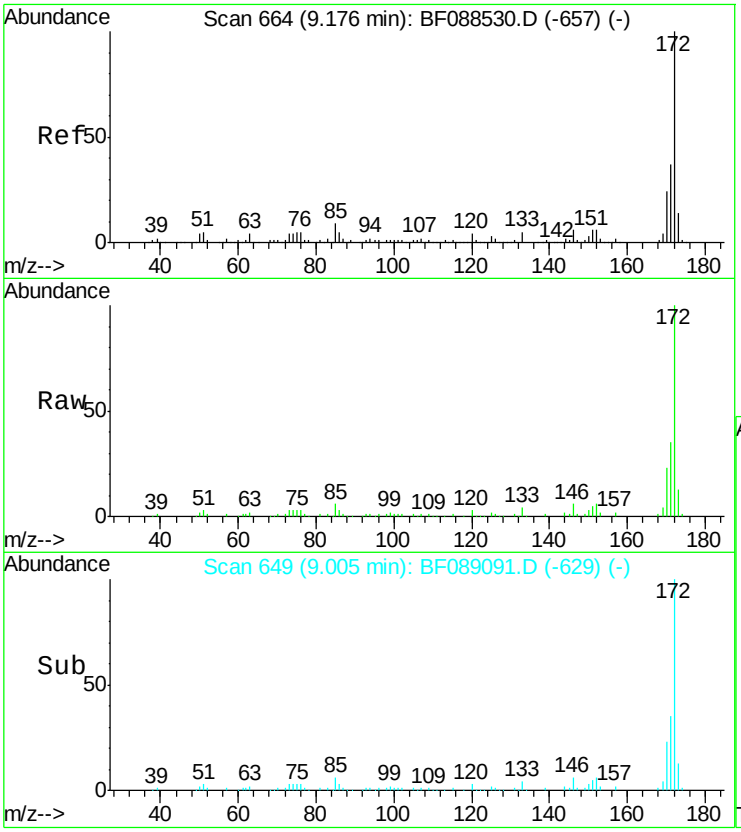


#41
2,4,6-Tribromophenol
Concen: 17.08 ng
RT: 10.46 min Scan# 776
Delta R.T. -0.08 min
Lab File: BF089091.D
Acq: 18 Jul 2016 19:41

Tgt Ion:330 Resp: 11259

Ion	Ratio	Lower	Upper
330	100		
332	100.3	0.0	0.0#
141	52.5	0.0	0.0#



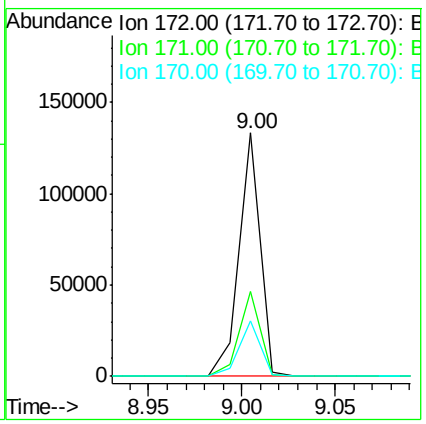


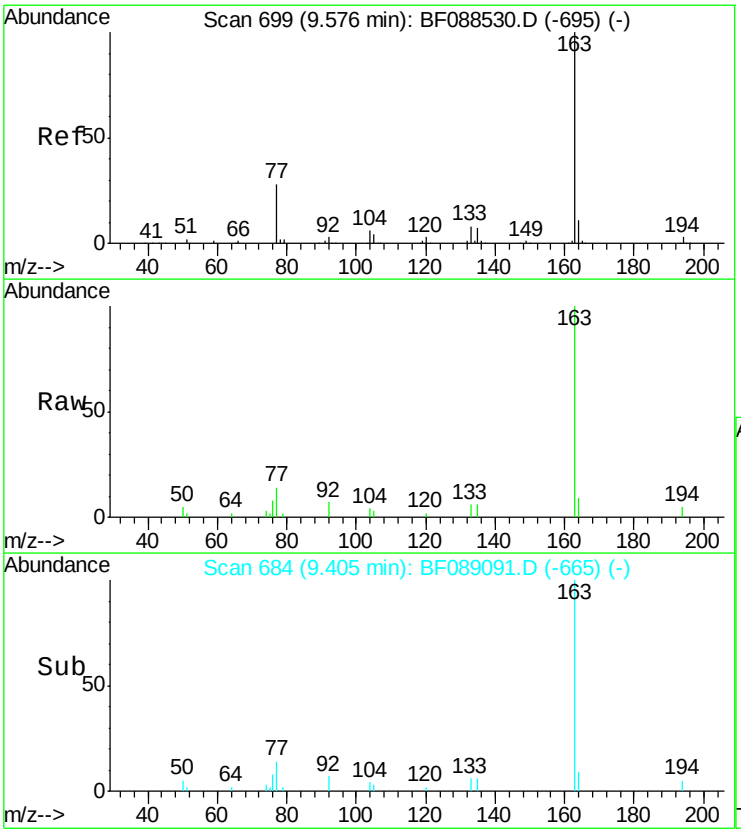
#44
2-Fluorobiphenyl
Concen: 23.60 ng
RT: 9.00 min Scan# 649
Delta R.T. -0.07 min
Lab File: BF089091.D
Acq: 18 Jul 2016 19:41

Instrument :
BNA_F
ClientSampleId :
M10-B2(4-8)C

Tgt Ion:172 Resp: 106053

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.6	43.0
170	23.0	19.2	28.8

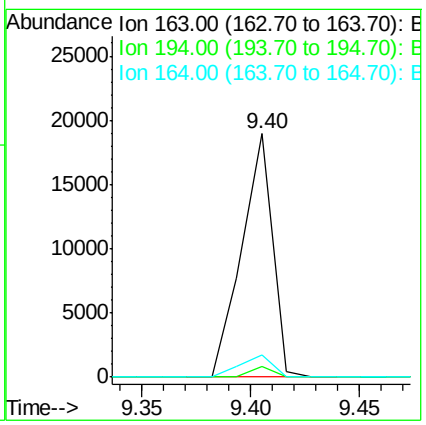


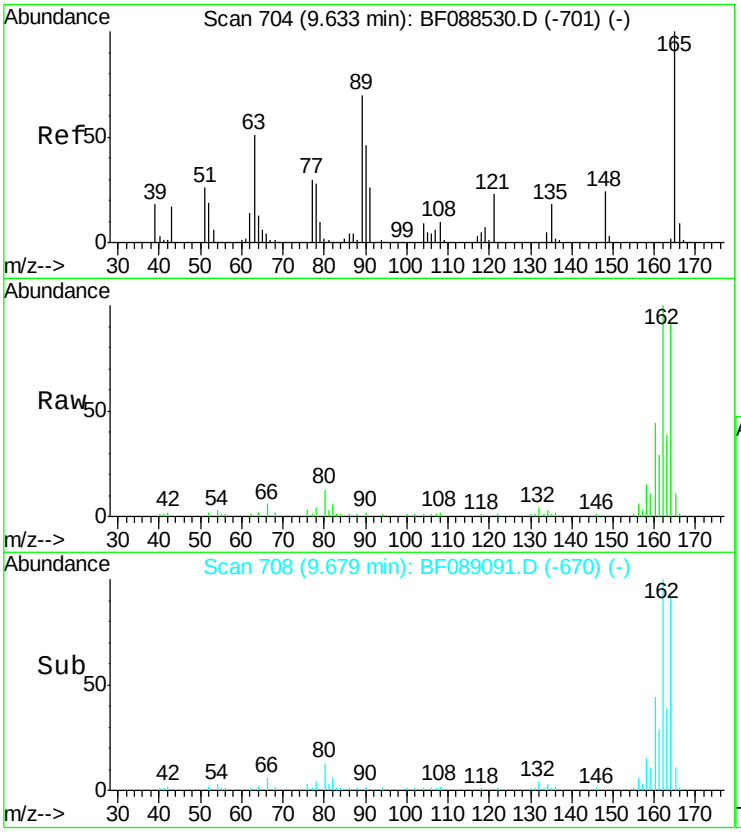


#49
Dimethylphthalate
Concen: 3.66 ng
RT: 9.40 min Scan# 684
Delta R.T. -0.08 min
Lab File: BF089091.D
Acq: 18 Jul 2016 19:41

Tgt Ion:163 Resp: 18528

Ion	Ratio	Lower	Upper
163	100		
194	4.5	2.8	4.2#
164	9.3	8.3	12.5



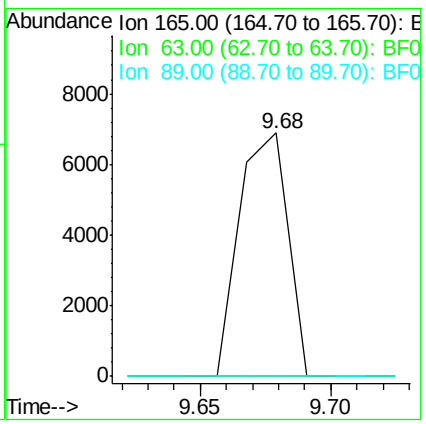


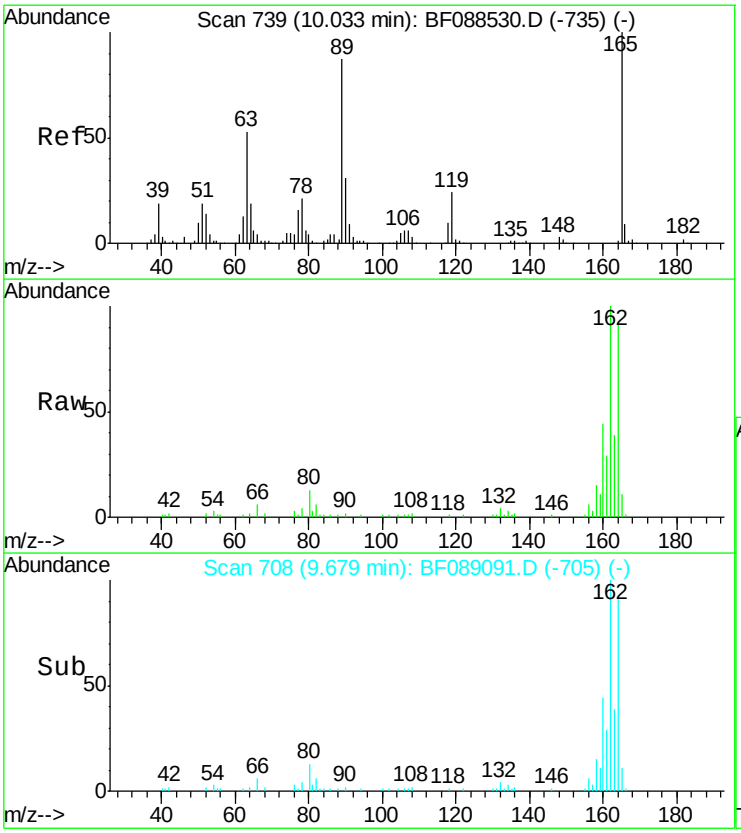
#50
2,6-Dinitrotoluene
Concen: 7.93 ng
RT: 9.68 min Scan# 708
Delta R.T. 0.14 min
Lab File: BF089091.D
Acq: 18 Jul 2016 19:41

Instrument :
BNA_F
ClientSampleId :
M10-B2(4-8)C

Tgt Ion:165 Resp: 8892

Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	0.0	32.2	48.2#

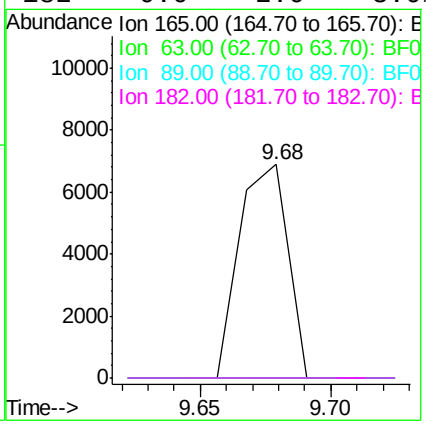


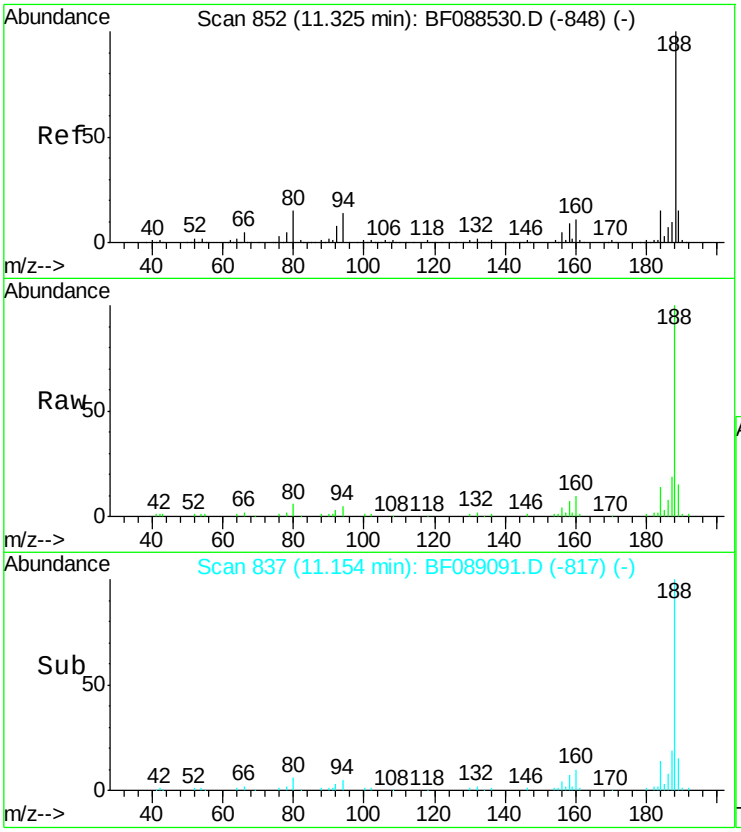


#56
2,4-Dinitrotoluene
Concen: 6.07 ng
RT: 9.68 min Scan# 708
Delta R.T. -0.26 min
Lab File: BF089091.D
Acq: 18 Jul 2016 19:41

Tgt Ion:165 Resp: 8892

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#



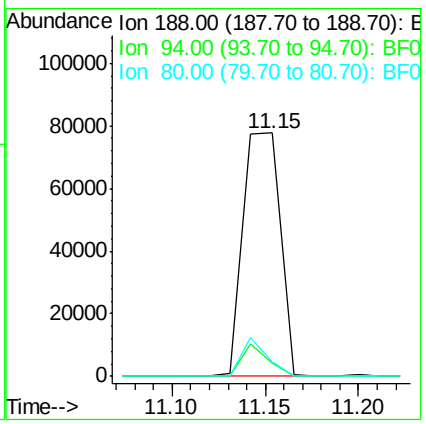


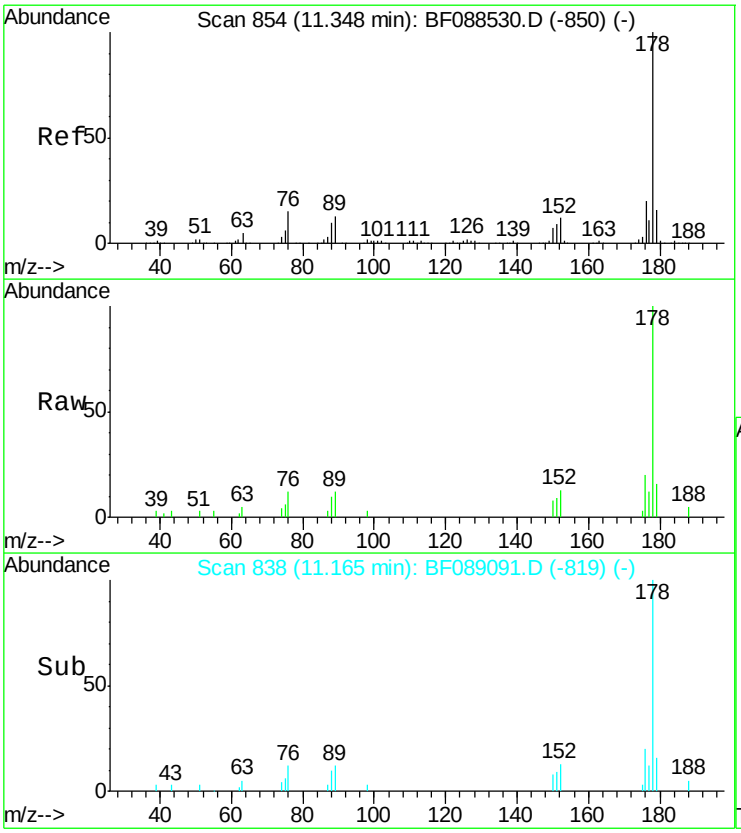
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 837
Delta R.T. -0.07 min
Lab File: BF089091.D
Acq: 18 Jul 2016 19:41

Instrument :
BNA_F
ClientSampleId :
M10-B2(4-8)C

Tgt Ion:188 Resp: 107576

Ion	Ratio	Lower	Upper
188	100		
94	5.2	9.0	13.6#
80	5.7	10.0	15.0#

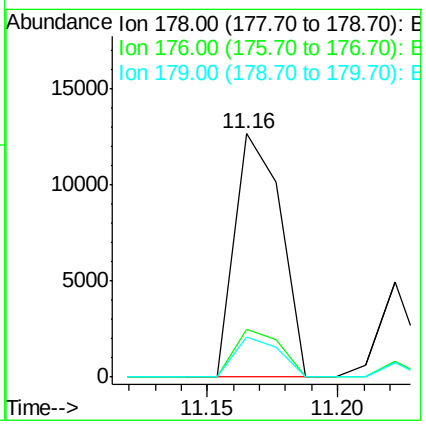


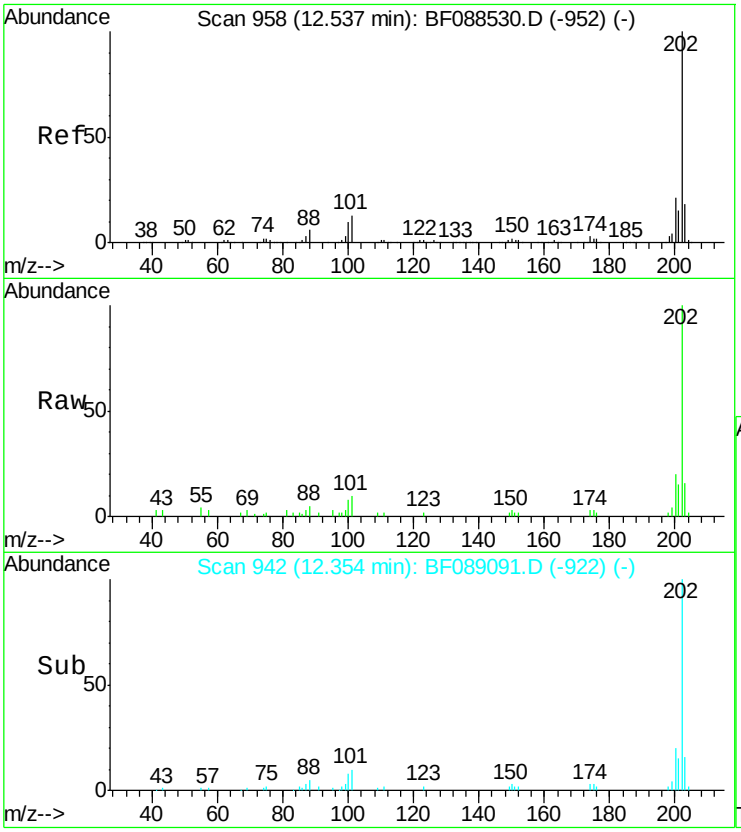


#70
Phenanthrene
Concen: 2.66 ng
RT: 11.16 min Scan# 838
Delta R.T. -0.08 min
Lab File: BF089091.D
Acq: 18 Jul 2016 19:41

Tgt Ion:178 Resp: 15639

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.6
179	16.4	13.0	19.4



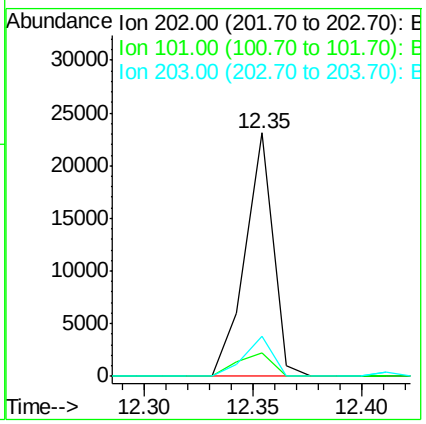


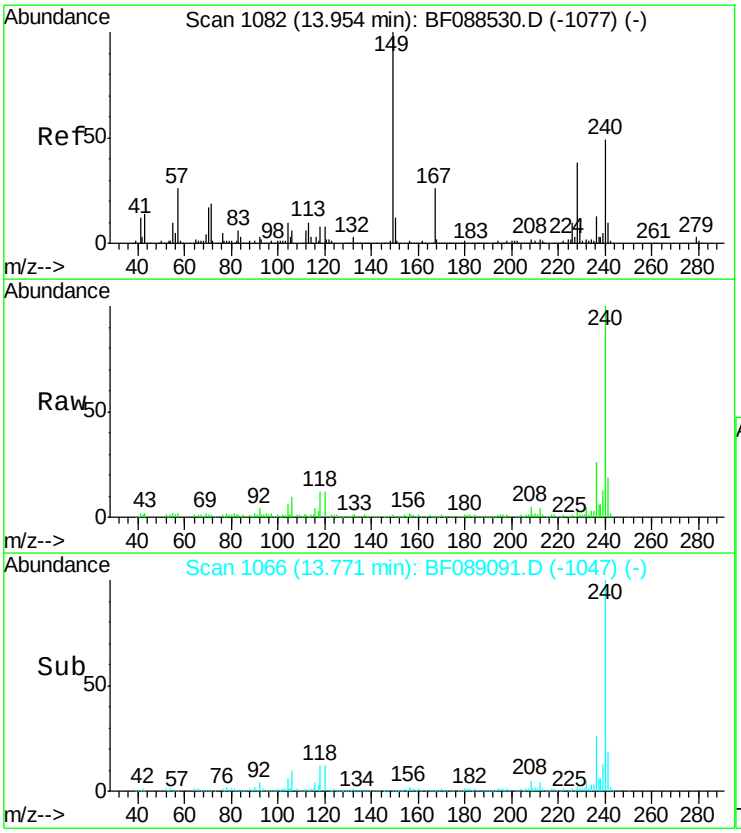
#74
Fluoranthene
Concen: 3.46 ng
RT: 12.35 min Scan# 942
Delta R.T. -0.07 min
Lab File: BF089091.D
Acq: 18 Jul 2016 19:41

Instrument :
BNA_F
ClientSampleId :
M10-B2(4-8)C

Tgt Ion:202 Resp: 20647

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	33.1
203	16.5	0.0	38.1

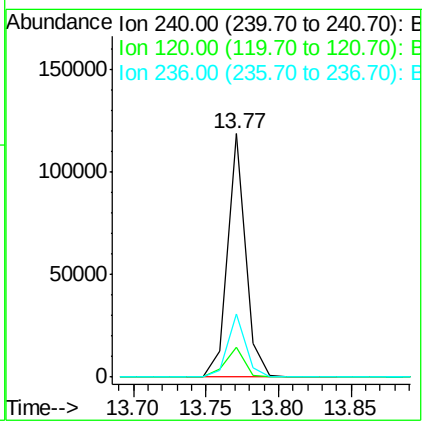


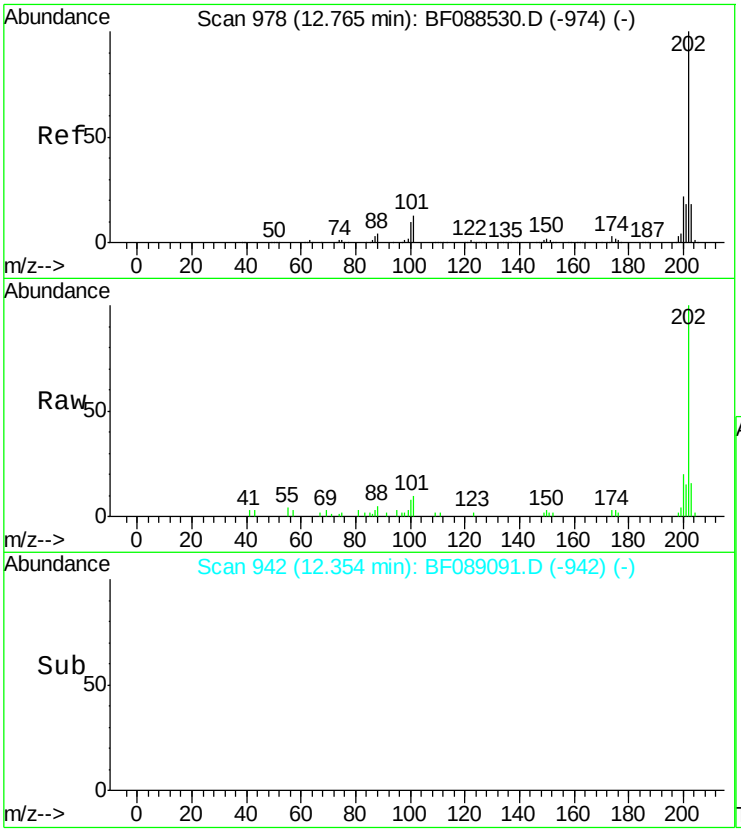


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1066
Delta R.T. -0.08 min
Lab File: BF089091.D
Acq: 18 Jul 2016 19:41

Tgt Ion:240 Resp: 102620

Ion	Ratio	Lower	Upper
240	100		
120	12.5	6.8	10.2#
236	25.7	20.2	30.2



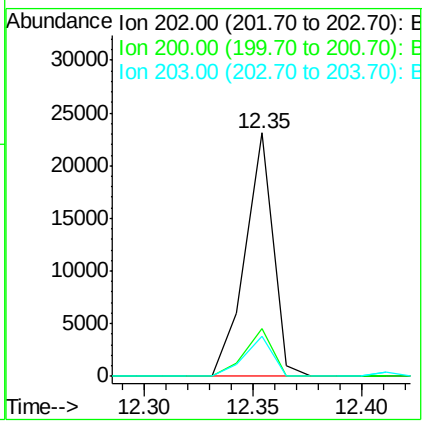


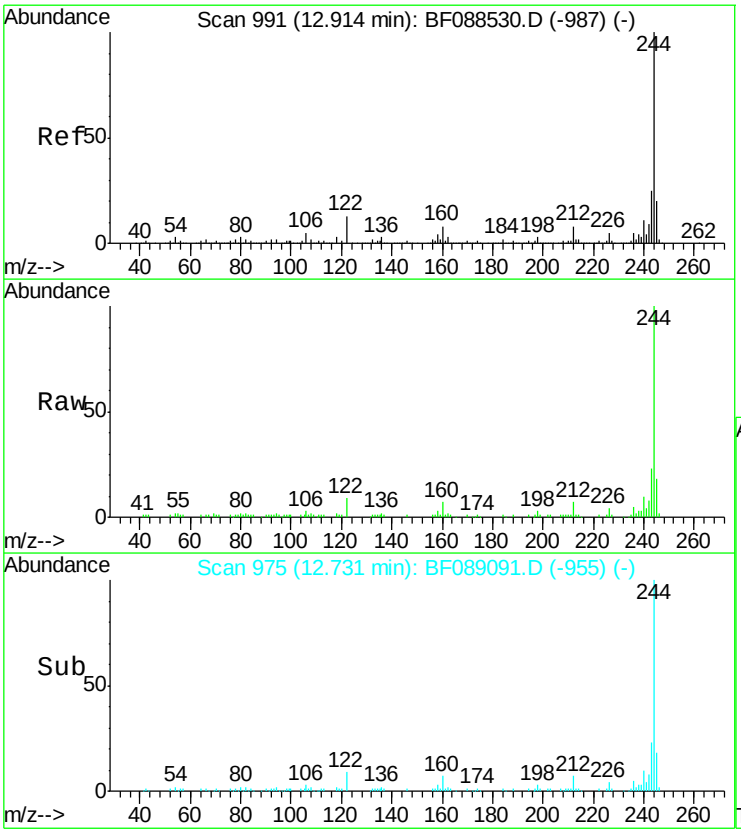
#77
Pyrene
Concen: 2.37 ng
RT: 12.35 min Scan# 942
Delta R.T. -0.30 min
Lab File: BF089091.D
Acq: 18 Jul 2016 19:41

Instrument :
BNA_F
ClientSampleId :
M10-B2(4-8)C

Tgt Ion:202 Resp: 20647

Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.4	26.2
203	16.5	14.5	21.7

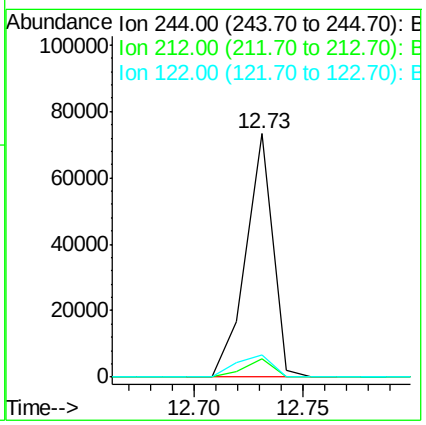


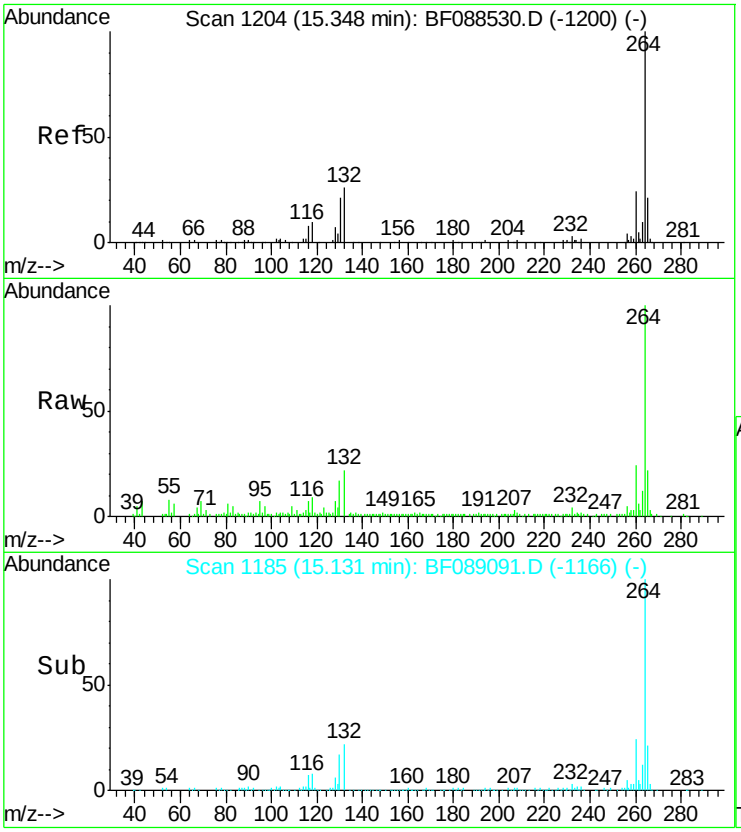


#78
Terphenyl-d14
Concen: 13.71 ng
RT: 12.73 min Scan# 975
Delta R.T. -0.07 min
Lab File: BF089091.D
Acq: 18 Jul 2016 19:41

Tgt Ion:244 Resp: 63156

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	8.9	11.2	16.8#



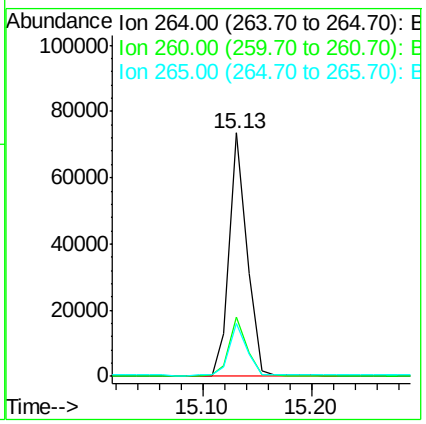


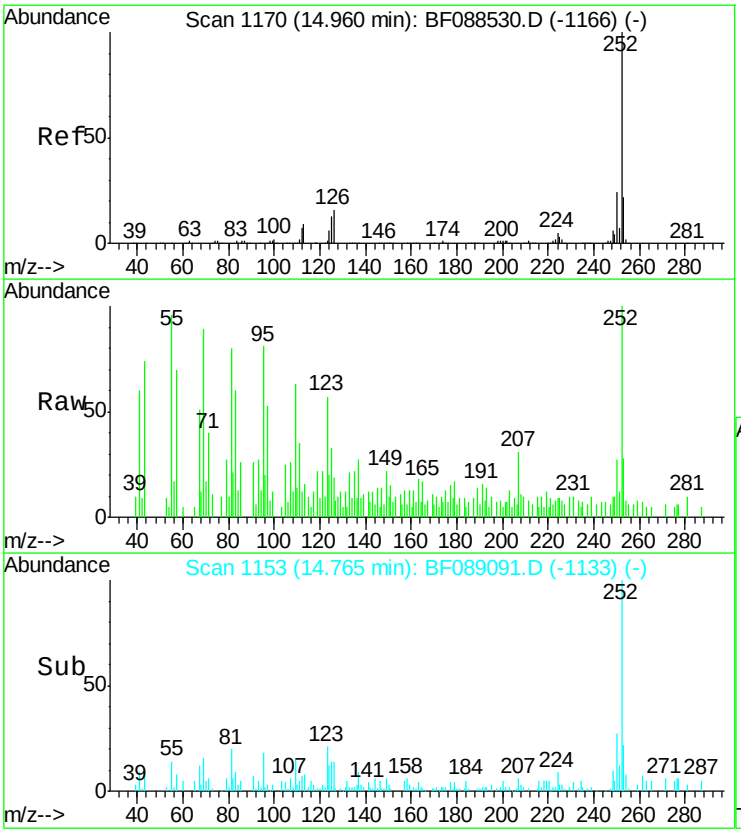
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 1185
Delta R.T. -0.08 min
Lab File: BF089091.D
Acq: 18 Jul 2016 19:41

Instrument :
BNA_F
ClientSampleId :
M10-B2(4-8)C

Tgt Ion:264 Resp: 83085

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.7	16.9	25.3

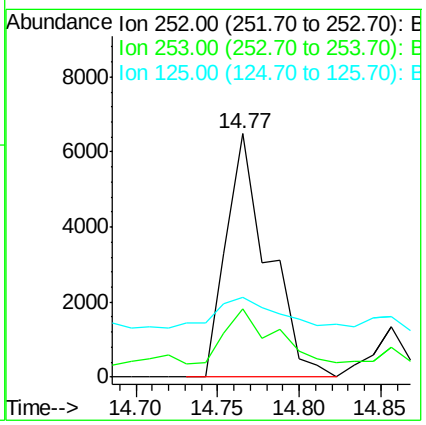


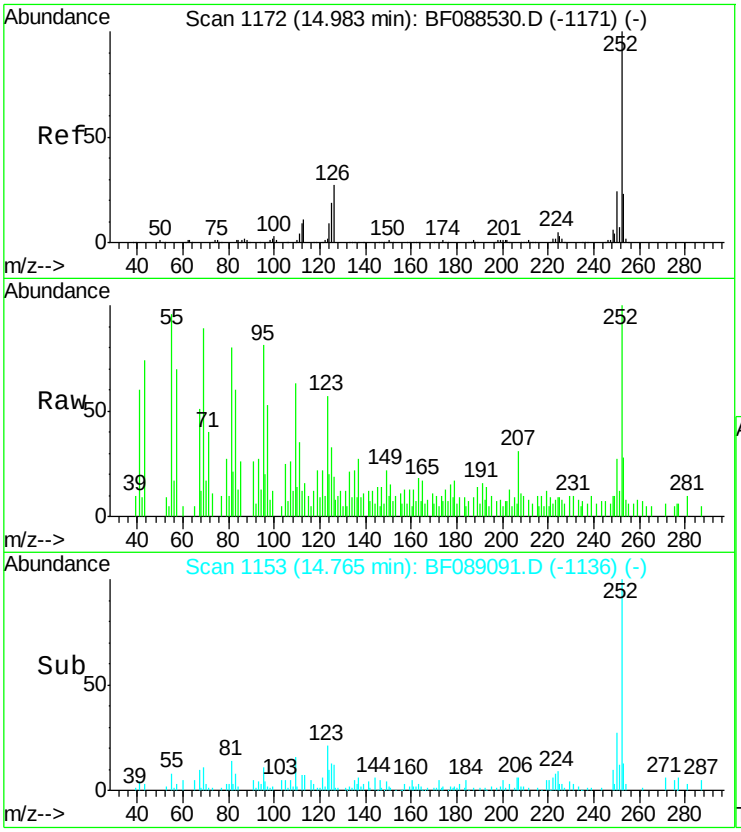


#87
Benzo(b)fluoranthene
Concen: 2.21 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.07 min
Lab File: BF089091.D
Acq: 18 Jul 2016 19:41

Tgt Ion:252 Resp: 11495

Ion	Ratio	Lower	Upper
252	100		
253	27.8	17.4	26.2#
125	32.7	7.1	10.7#





#88
Benzo(k)fluoranthene
Concen: 2.53 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.10 min
Lab File: BF089091.D
Acq: 18 Jul 2016 19:41

Instrument :
BNA_F
ClientSampleId :
M10-B2(4-8)C

Tgt Ion:252 Resp: 11495

Ion	Ratio	Lower	Upper
252	100		
253	27.8	18.0	27.0#
125	32.7	11.2	16.8#