Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
Data File : BF084893.D
Acq On : 6 Feb 2016 6:41
Operator : SJ/IZ
Sample : H1329-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B004(21-23)

Quant Time: Feb 07 23:56:39 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	164168	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	621764	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	301954	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	480413	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	320393	20.00	ng	-0.03
86) Perylene-d12	15.17	264	323273	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1362873	129.31	ng	-0.01
7) Phenol-d6	6.33	99	1860897	142.42	ng	-0.01
23) Nitrobenzene-d5	7.24	82	1162541	105.33	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	337329	107.10	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1681048	99.40	ng	-0.03
78) Terphenyl-d14	12.76	244	1130552	79.96	ng	-0.03
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	2.81	42	19123	3.07	ng	# 1
9) Benzaldehyde	6.18	77	170082	22.04	ng	# 1
15) Benzyl Alcohol	6.82	79	41537	4.60	ng	# 52
18) Hexachloroethane	7.14	117	84027	17.32	ng	# 1
22) Acetophenone	7.06	105	380019	23.19	ng	# 55
24) Nitrobenzene	7.21	77	130510	11.04	ng	# 20
25) Isophorone	7.57	82	55638	2.59	ng	# 63
31) Naphthalene	7.97	128	892120	28.60	ng	# 97
33) 4-Chloroaniline	7.97	127	160464	12.44	ng	# 39
35) Caprolactam	8.38	113	14979	5.60	ng	# 1
37) 2-Methylnaphthalene	8.66	142	547558	28.05	ng	95
49) Dimethylphthalate	9.42	163	370219	16.10	ng	# 90
53) 2,4-Dinitrophenol	10.00	184	627	6.05	ng	# 68
60) 4-Chlorophenyl-phenylether	10.25	204	239	Below Cal		# 1
66) 4-Bromophenyl-phenylether	10.49	248	22586	4.26	ng	# 1
76) Benzidine	12.51	184	2458	7.03	ng	# 1

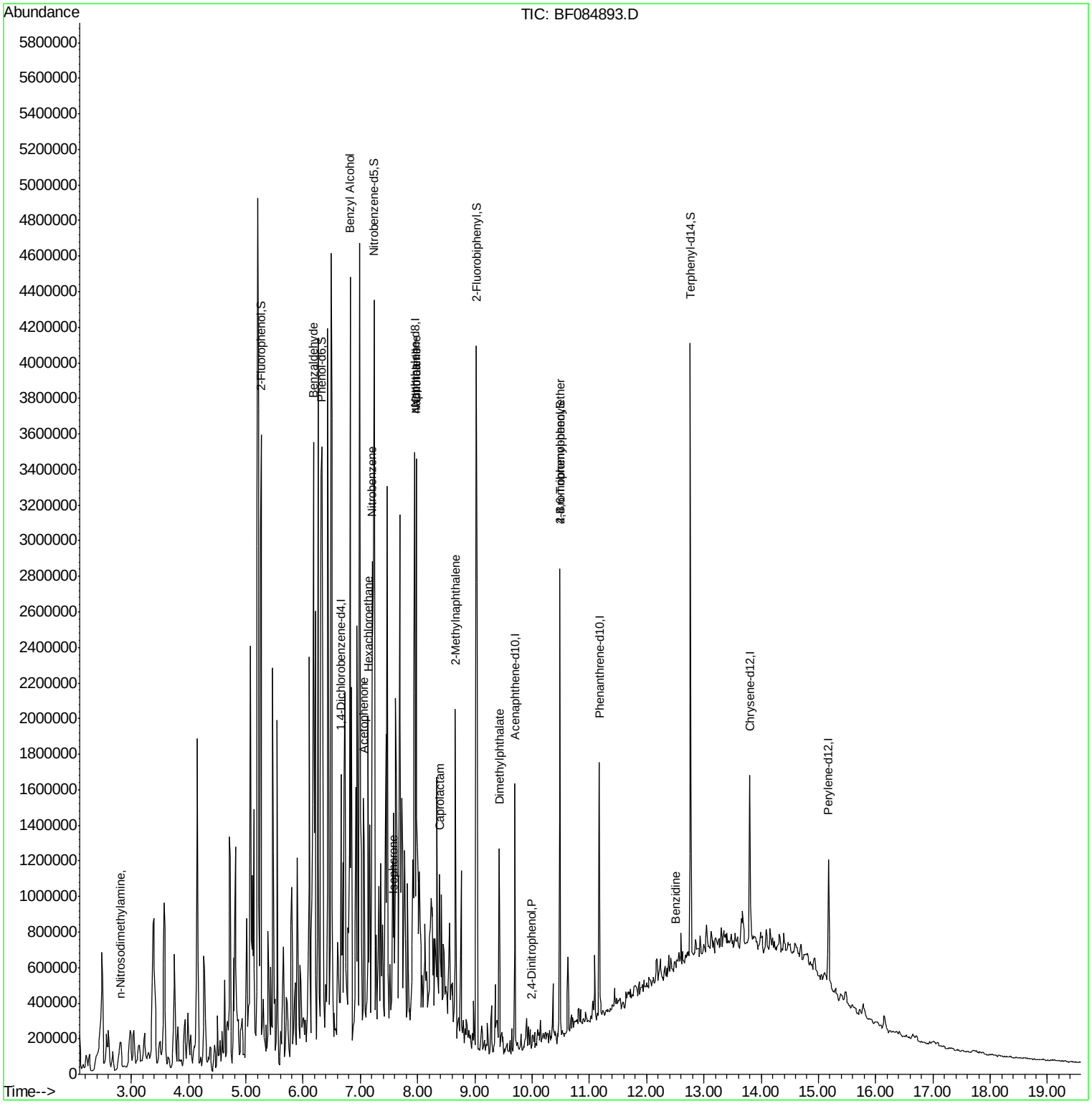
(#) = qualifier out of range (m) = manual integration (+) = signals summed

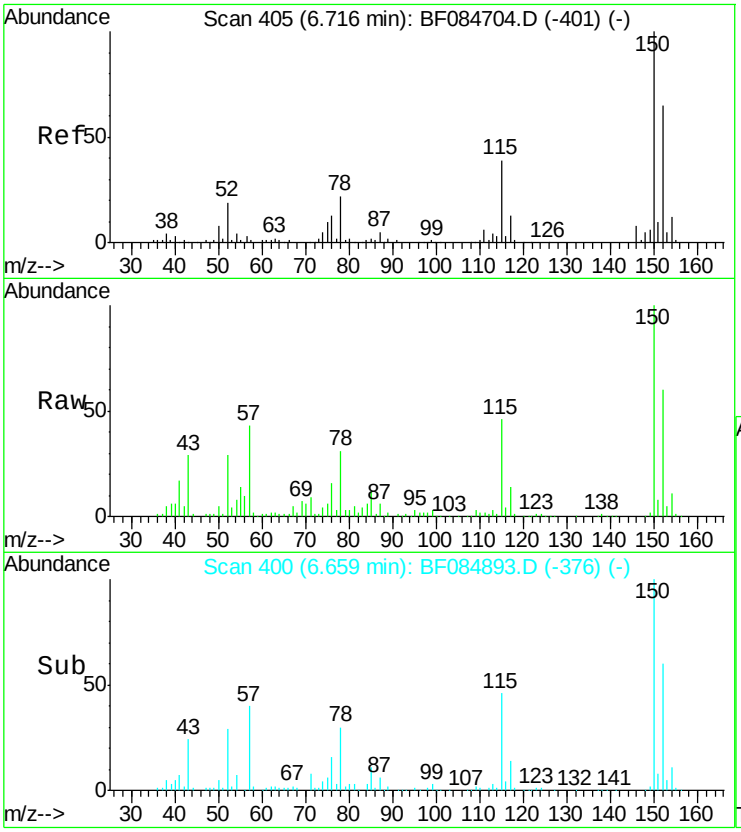
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
Data File : BF084893.D
Acq On : 6 Feb 2016 6:41
Operator : SJ/IZ
Sample : H1329-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B004(21-23)

Quant Time: Feb 07 23:56:39 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration



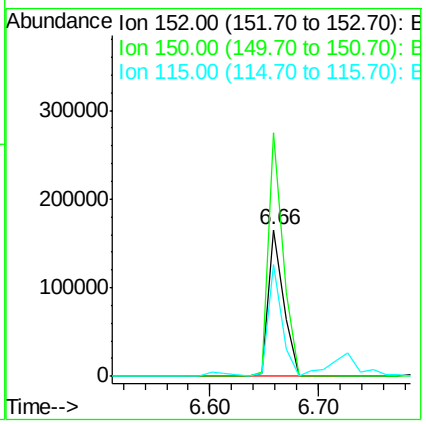


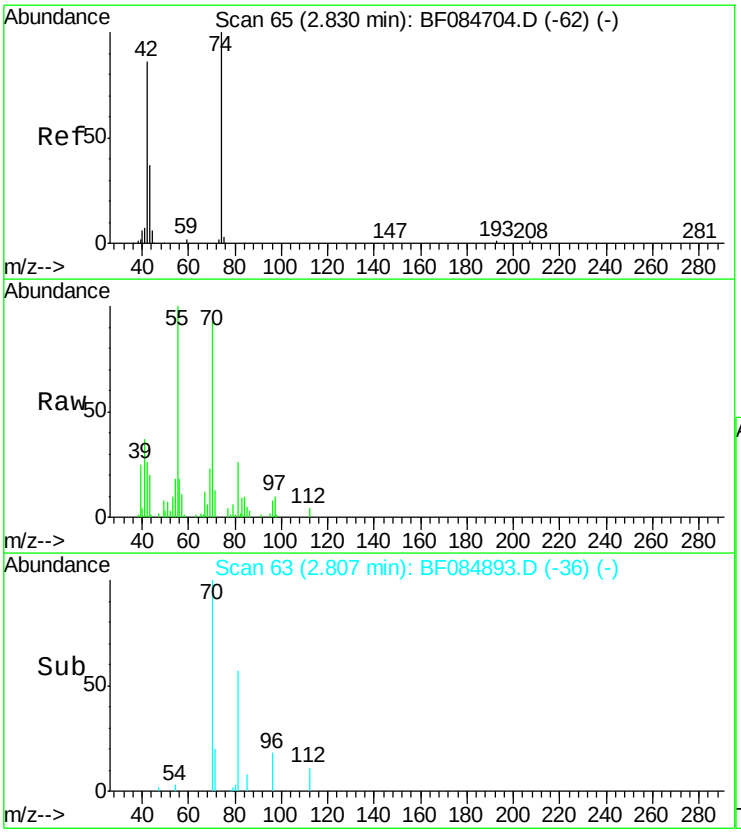
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF084893.D
Acq: 6 Feb 2016 6:41

Instrument :
BNA_F
ClientSampleId :
S4-B004(21-23)

Tgt Ion:152 Resp: 164168

Ion	Ratio	Lower	Upper
152	100		
150	165.8	123.0	184.4
115	75.7	51.4	77.2

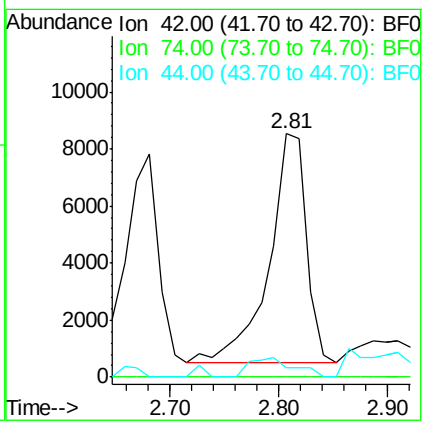


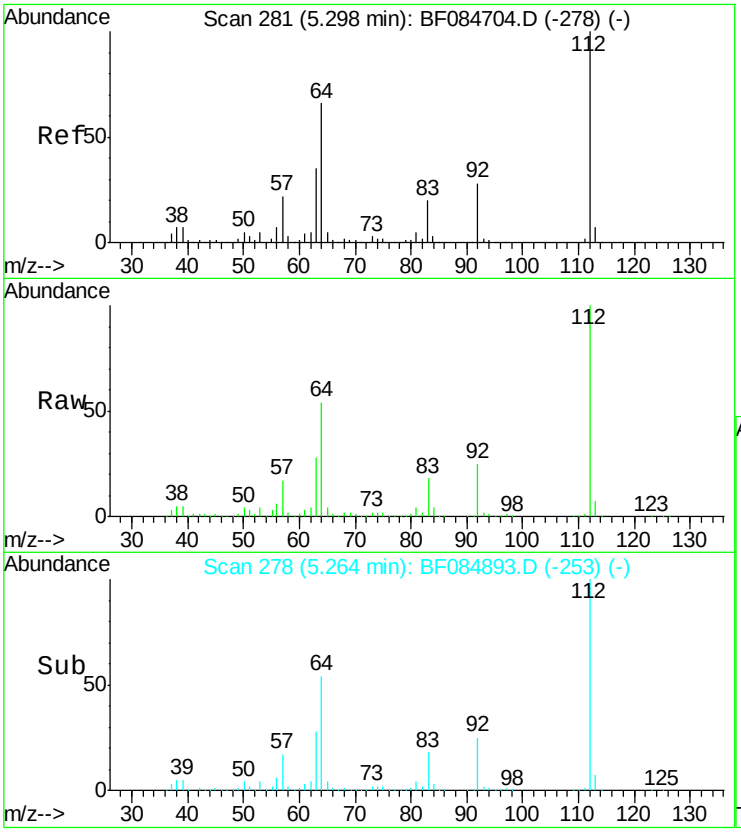


#4
n-Nitrosodimethylamine
Concen: 3.07 ng
RT: 2.81 min Scan# 63
Delta R.T. 0.01 min
Lab File: BF084893.D
Acq: 6 Feb 2016 6:41

Tgt Ion: 42 Resp: 19123

Ion	Ratio	Lower	Upper
42	100		
74	0.0	115.7	173.5#
44	3.8	5.1	7.7#



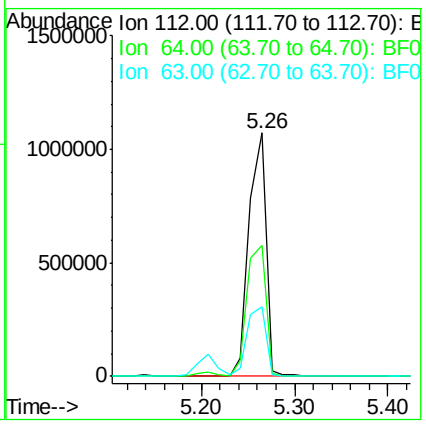


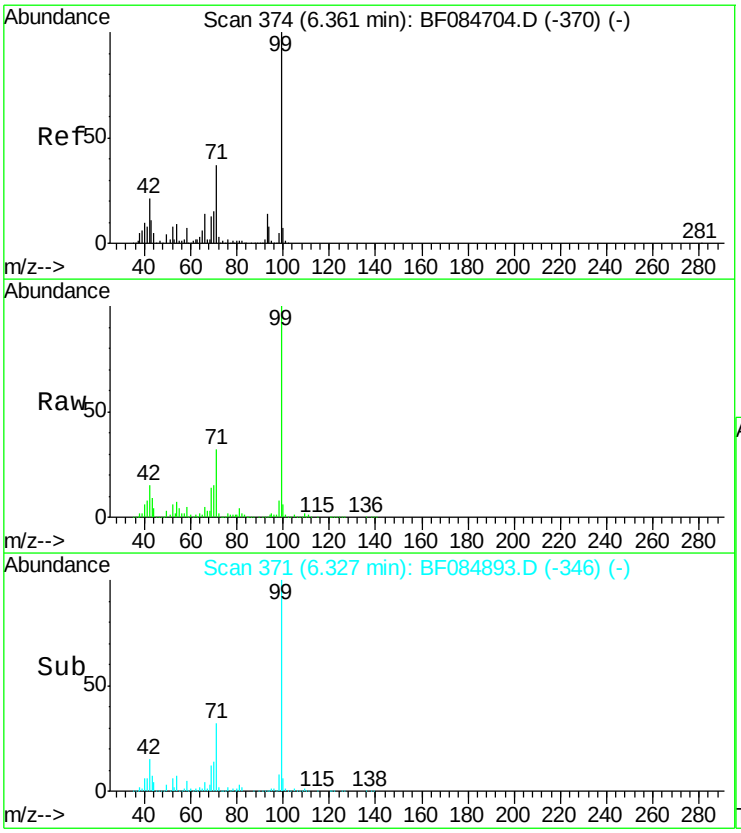
#5
2-Fluorophenol
Concen: 129.31 ng
RT: 5.26 min Scan# 278
Delta R.T. -0.01 min
Lab File: BF084893.D
Acq: 6 Feb 2016 6:41

Instrument :
BNA_F
ClientSampleId :
S4-B004(21-23)

Tgt Ion:112 Resp: 1362873

Ion	Ratio	Lower	Upper
112	100		
64	53.7	36.6	55.0
63	28.3	19.4	29.0

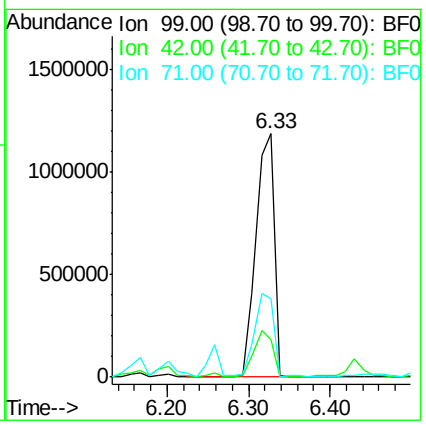


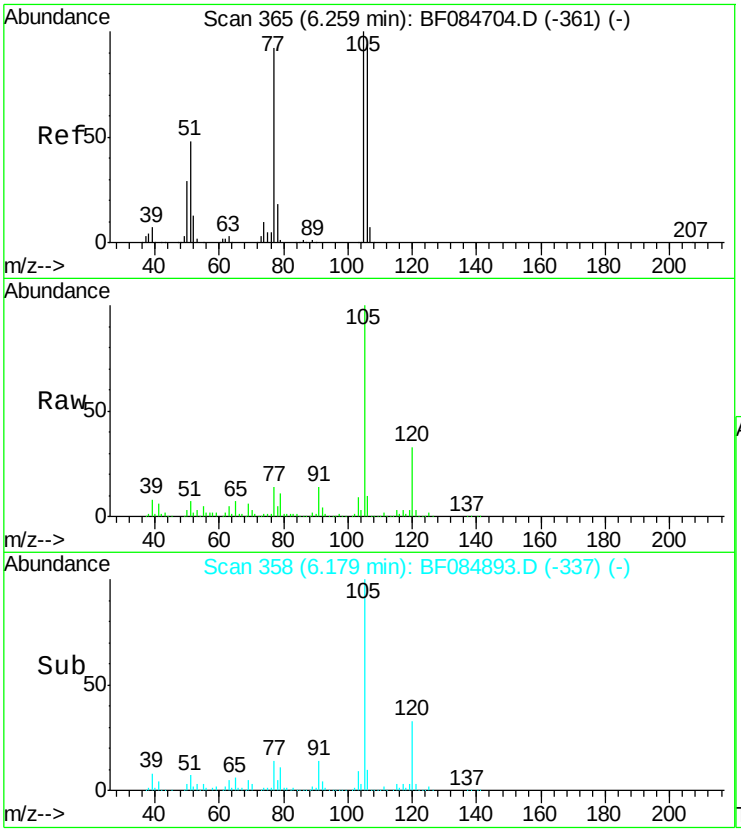


#7
Phenol-d6
Concen: 142.42 ng
RT: 6.33 min Scan# 371
Delta R.T. -0.01 min
Lab File: BF084893.D
Acq: 6 Feb 2016 6:41

Tgt Ion: 99 Resp: 1860897

Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.8	19.2
71	32.4	30.9	46.3



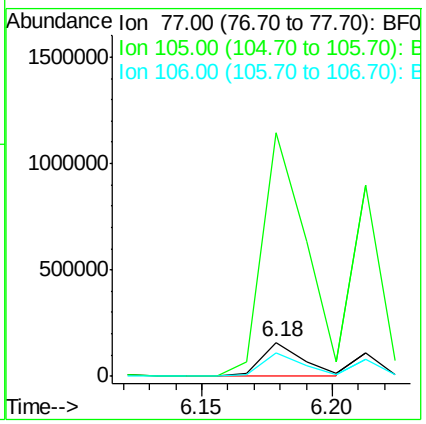


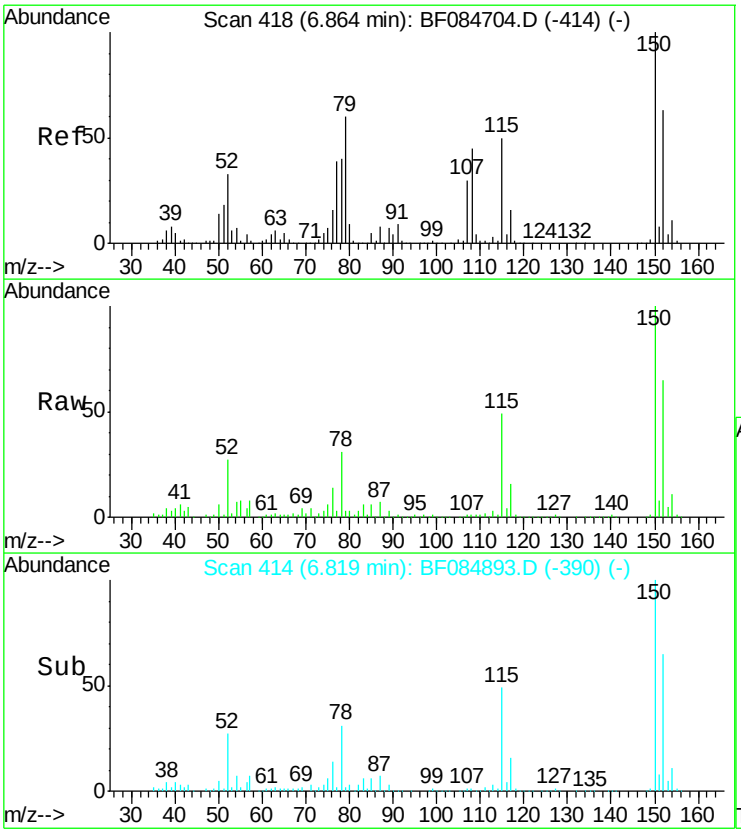
#9
Benzaldehyde
Concen: 22.04 ng
RT: 6.18 min Scan# 358
Delta R.T. -0.06 min
Lab File: BF084893.D
Acq: 6 Feb 2016 6:41

Instrument :
BNA_F
ClientSampleId :
S4-B004(21-23)

Tgt Ion: 77 Resp: 170082

Ion	Ratio	Lower	Upper
77	100		
105	722.7	83.0	123.0#
106	68.9	74.6	114.6#

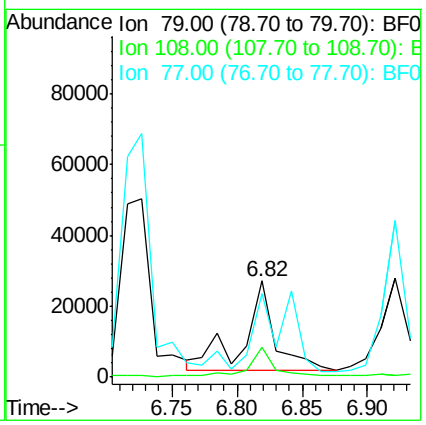


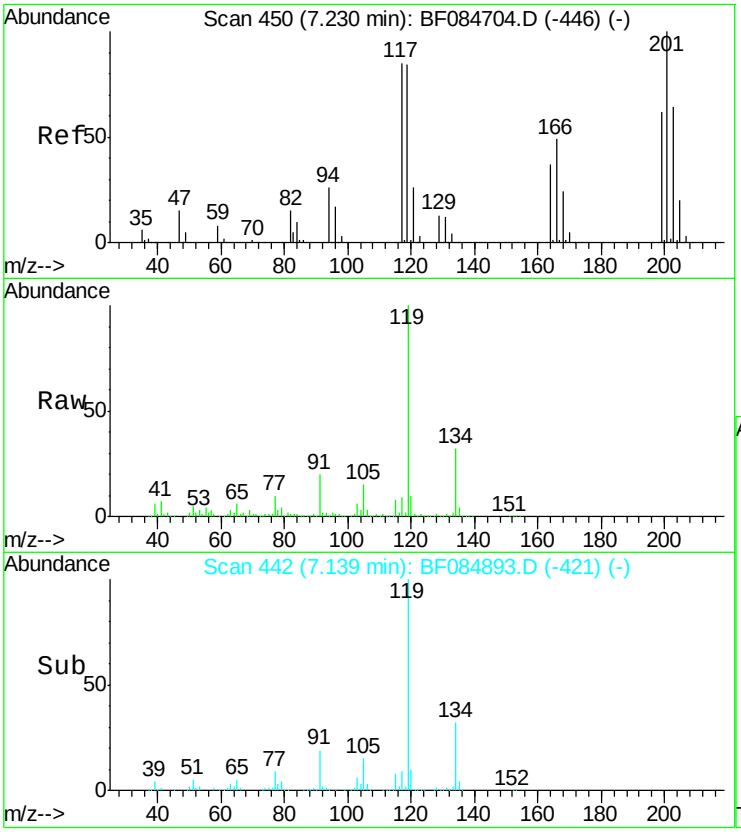


#15
Benzyl Alcohol
Concen: 4.60 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.02 min
Lab File: BF084893.D
Acq: 6 Feb 2016 6:41

Tgt Ion: 79 Resp: 41537

Ion	Ratio	Lower	Upper
79	100		
108	30.8	69.0	103.4#
77	87.2	50.0	75.0#



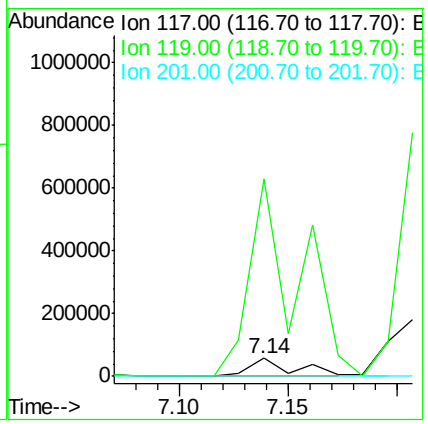


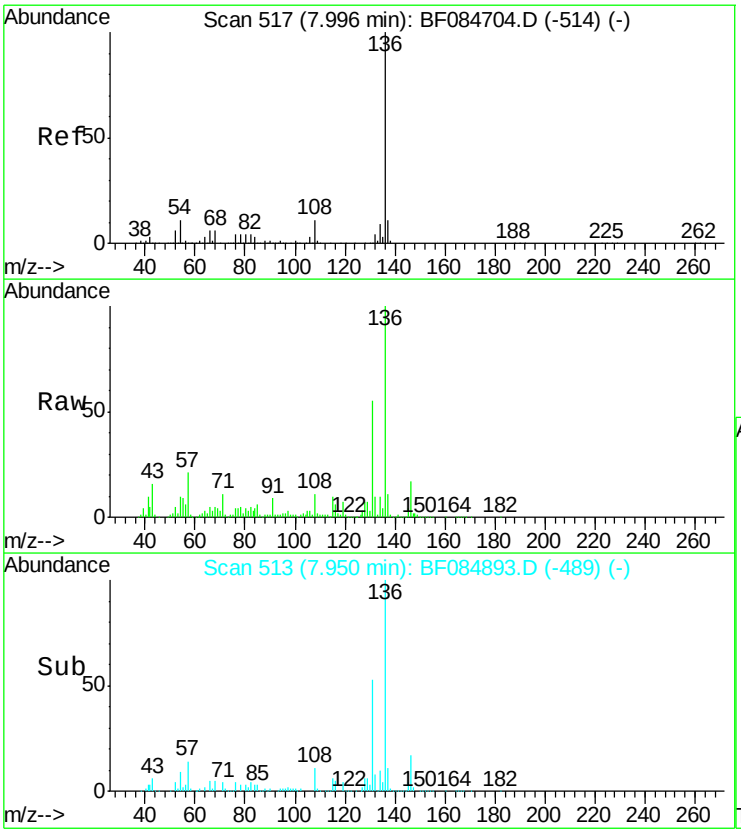
#18
Hexachloroethane
Concen: 17.32 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.06 min
Lab File: BF084893.D
Acq: 6 Feb 2016 6:41

Instrument :
BNA_F
ClientSampleId :
S4-B004(21-23)

Tgt Ion:117 Resp: 84027

Ion	Ratio	Lower	Upper
117	100		
119	1086.8	77.4	116.0#
201	0.0	68.6	103.0#

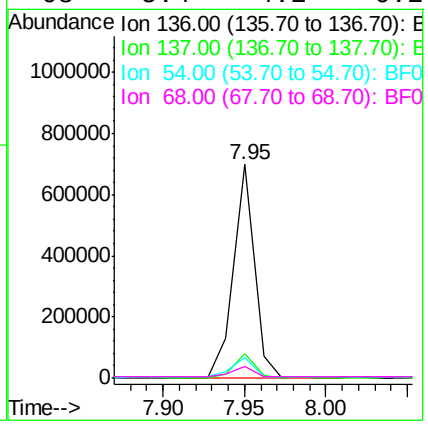


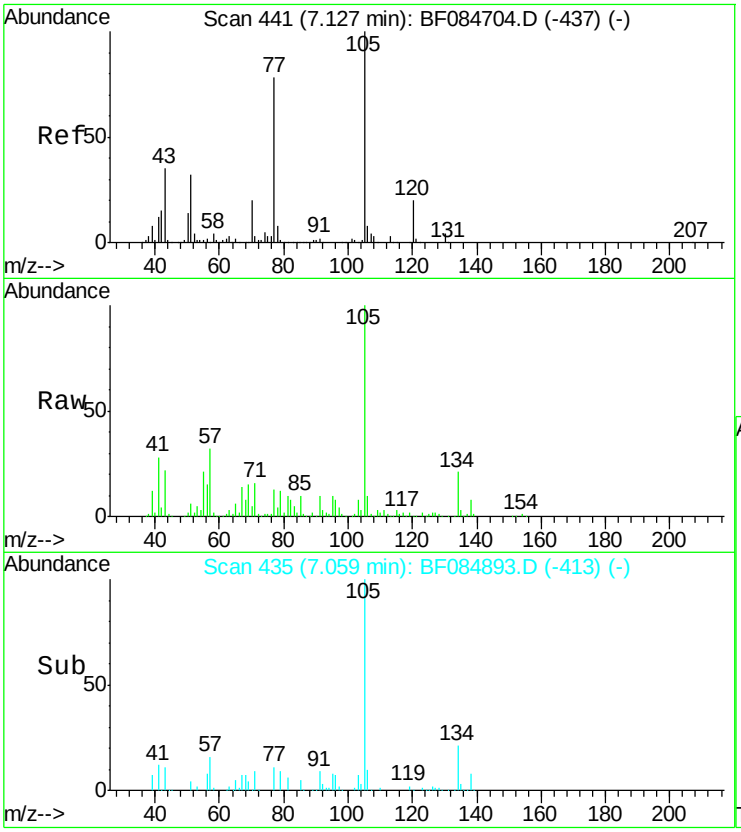


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF084893.D
Acq: 6 Feb 2016 6:41

Tgt Ion:136 Resp: 621764

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	9.5	5.8	8.8#
68	5.4	4.2	6.2



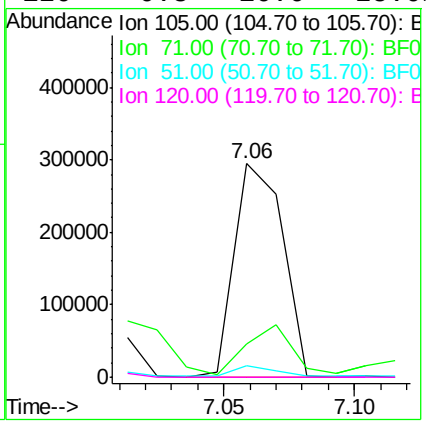


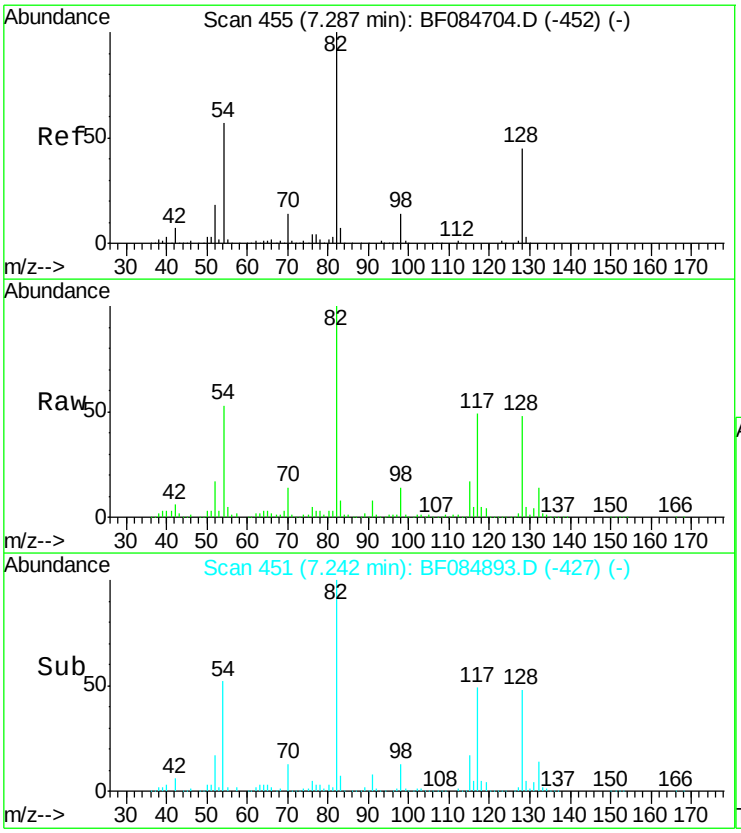
#22
Acetophenone
Concen: 23.19 ng
RT: 7.06 min Scan# 435
Delta R.T. -0.05 min
Lab File: BF084893.D
Acq: 6 Feb 2016 6:41

Instrument :
BNA_F
ClientSampleId :
S4-B004(21-23)

Tgt Ion:105 Resp: 380019

Ion	Ratio	Lower	Upper
105	100		
71	15.9	3.7	5.5#
51	5.6	25.1	37.7#
120	0.3	16.6	25.0#

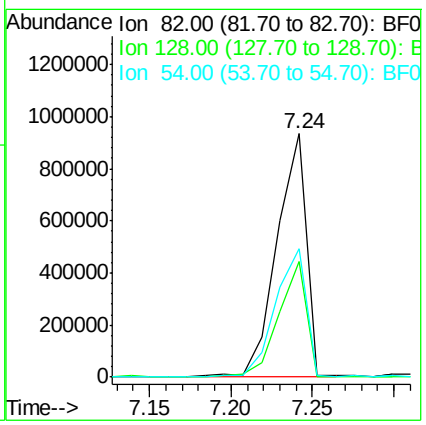


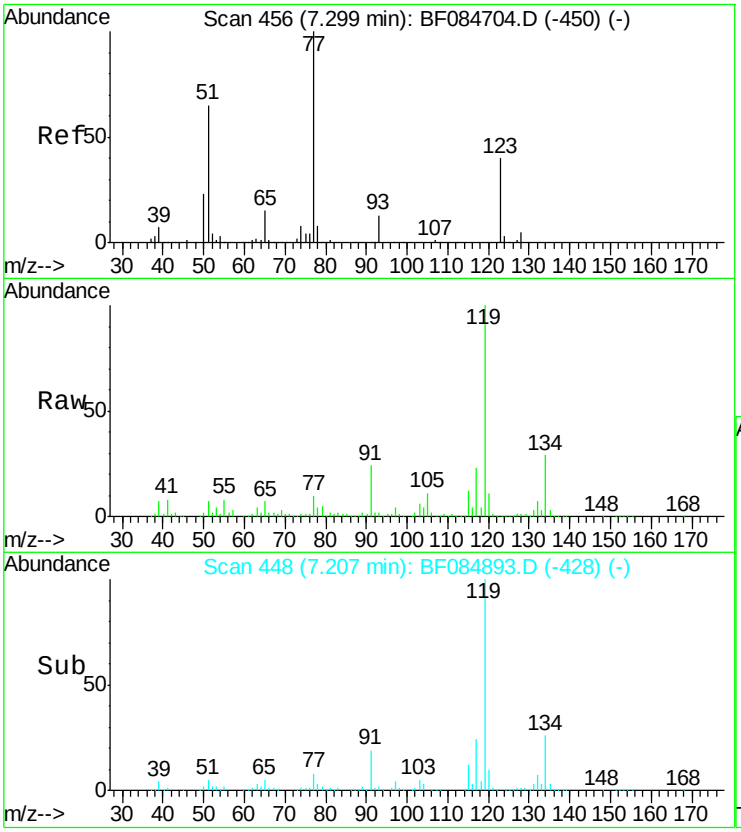


#23
Nitrobenzene-d5
Concen: 105.33 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF084893.D
Acq: 6 Feb 2016 6:41

Tgt Ion: 82 Resp: 1162541

Ion	Ratio	Lower	Upper
82	100		
128	47.7	34.6	51.8
54	52.5	38.4	57.6



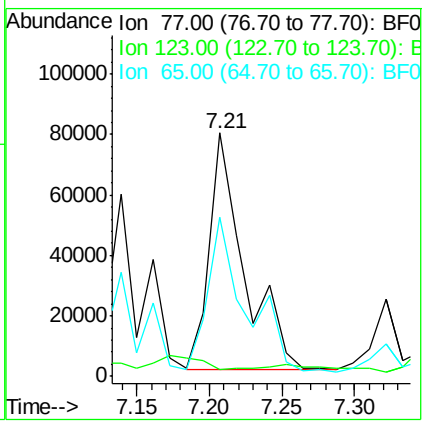


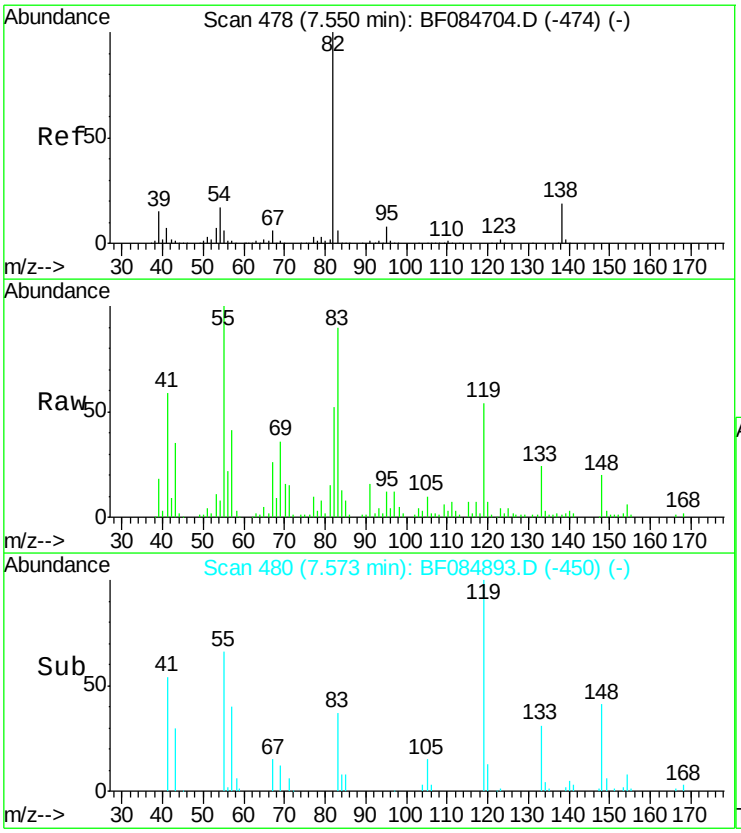
#24
Nitrobenzene
Concen: 11.04 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.07 min
Lab File: BF084893.D
Acq: 6 Feb 2016 6:41

Instrument :
BNA_F
ClientSampleId :
S4-B004(21-23)

Tgt Ion: 77 Resp: 130510

Ion	Ratio	Lower	Upper
77	100		
123	2.7	37.4	56.2#
65	65.5	10.9	16.3#

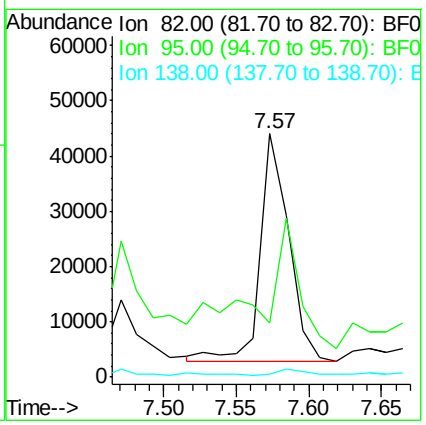


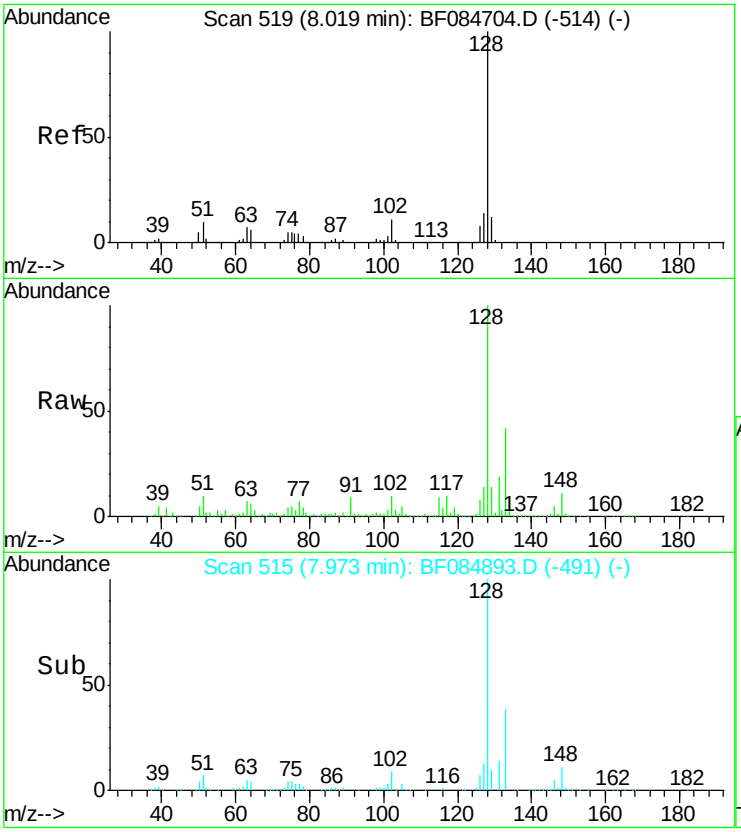


#25
Isophorone
Concen: 2.59 ng
RT: 7.57 min Scan# 480
Delta R.T. 0.05 min
Lab File: BF084893.D
Acq: 6 Feb 2016 6:41

Tgt Ion: 82 Resp: 55638

Ion	Ratio	Lower	Upper
82	100		
95	22.0	6.6	10.0#
138	1.0	13.6	20.4#



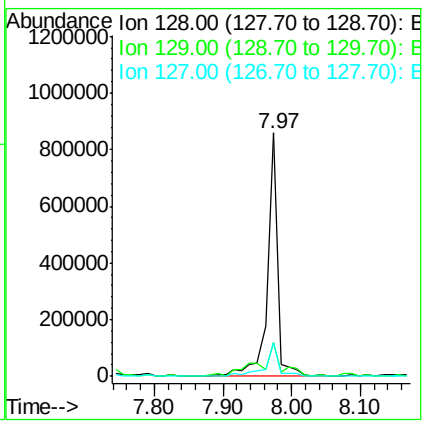


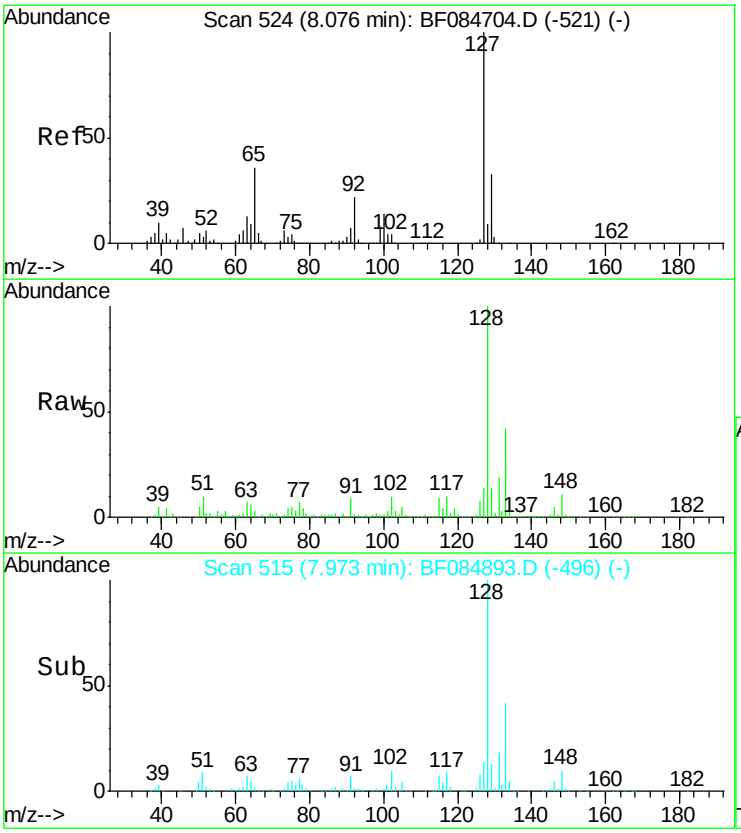
#31
Naphthalene
Concen: 28.60 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF084893.D
Acq: 6 Feb 2016 6:41

Instrument :
BNA_F
ClientSampleId :
S4-B004(21-23)

Tgt Ion:128 Resp: 892120

Ion	Ratio	Lower	Upper
128	100		
129	13.7	9.1	13.7#
127	13.8	11.1	16.7

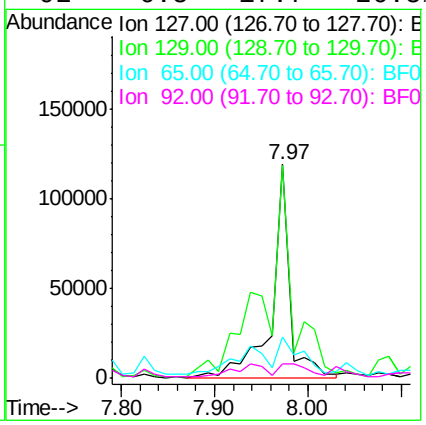


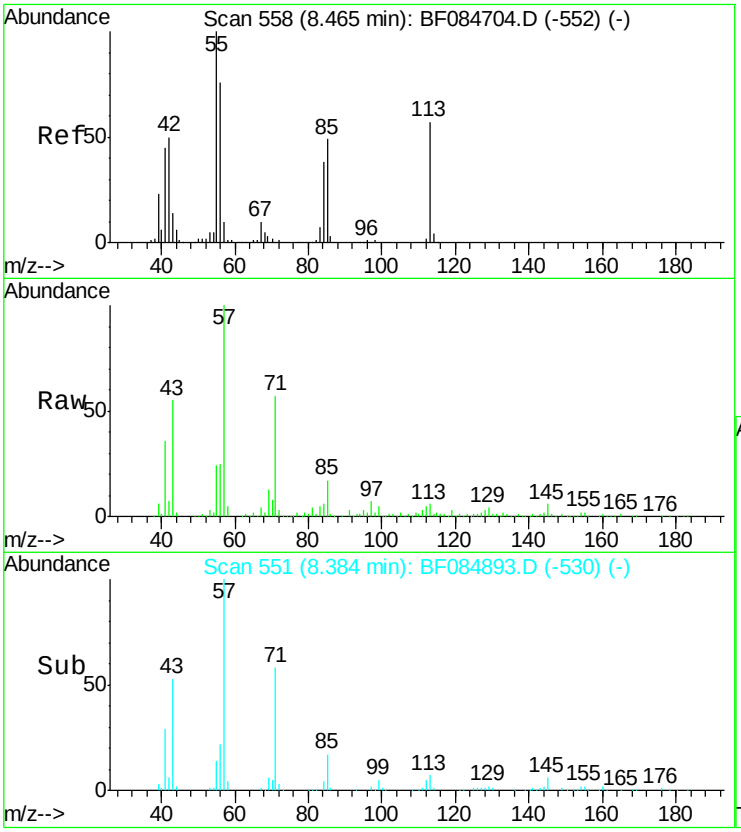


#33
4-Chloroaniline
Concen: 12.44 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.08 min
Lab File: BF084893.D
Acq: 6 Feb 2016 6:41

Tgt Ion:127 Resp: 160464

Ion	Ratio	Lower	Upper
127	100		
129	99.2	26.5	39.7#
65	19.2	27.2	40.8#
92	6.5	17.7	26.5#



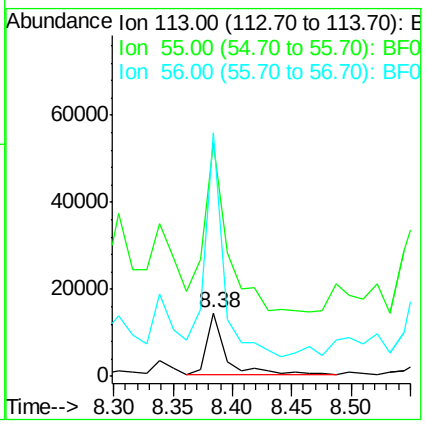


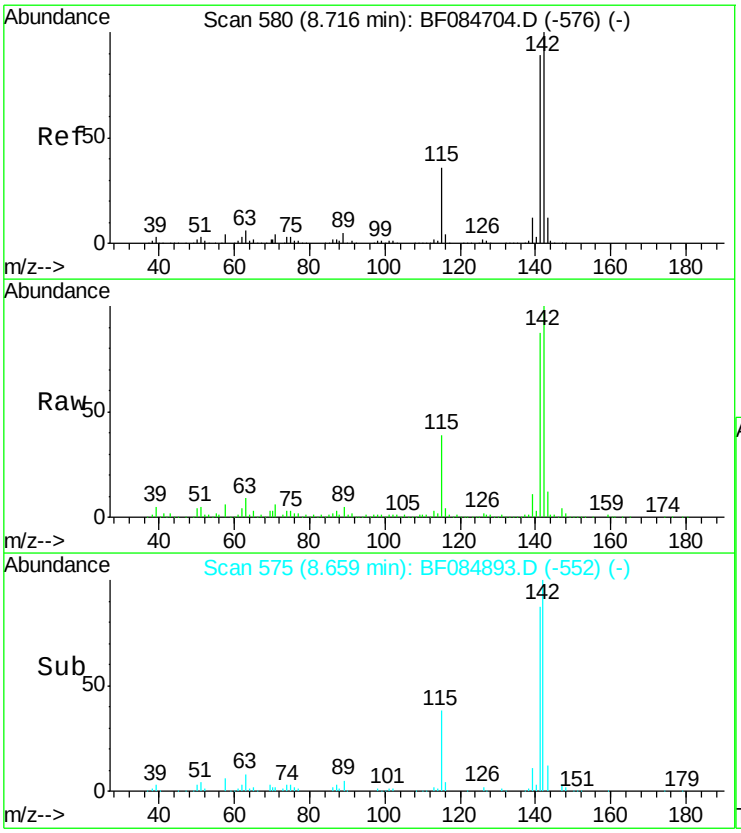
#35
Caprolactam
Concen: 5.60 ng
RT: 8.38 min Scan# 551
Delta R.T. -0.06 min
Lab File: BF084893.D
Acq: 6 Feb 2016 6:41

Instrument :
BNA_F
ClientSampleId :
S4-B004(21-23)

Tgt Ion:113 Resp: 14979

Ion	Ratio	Lower	Upper
113	100		
55	369.0	116.9	156.9#
56	384.4	93.8	133.8#

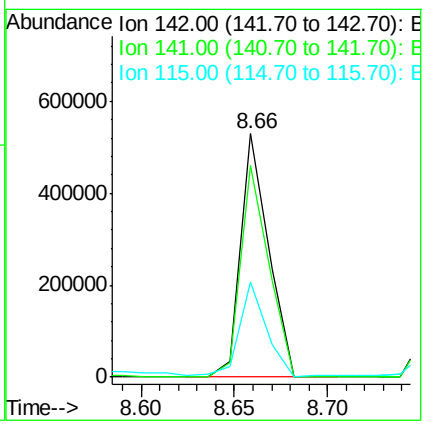


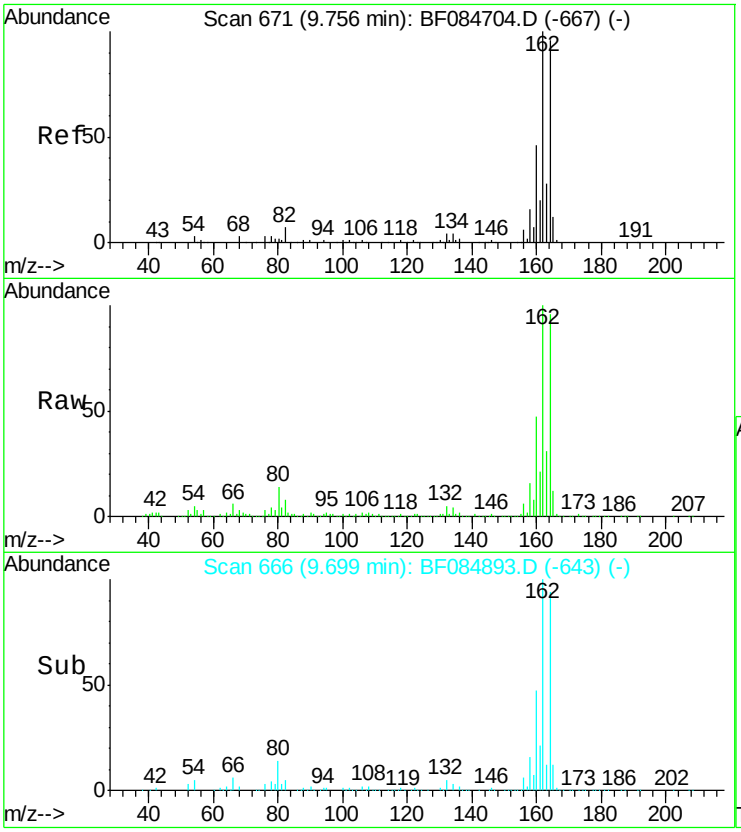


#37
2-Methylnaphthalene
Concen: 28.05 ng
RT: 8.66 min Scan# 575
Delta R.T. -0.03 min
Lab File: BF084893.D
Acq: 6 Feb 2016 6:41

Tgt Ion:142 Resp: 547558

Ion	Ratio	Lower	Upper
142	100		
141	87.0	72.4	108.6
115	39.3	27.9	41.9



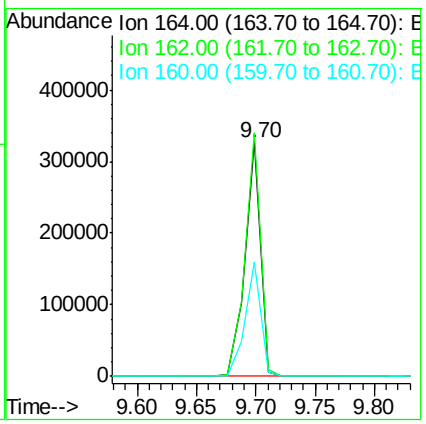


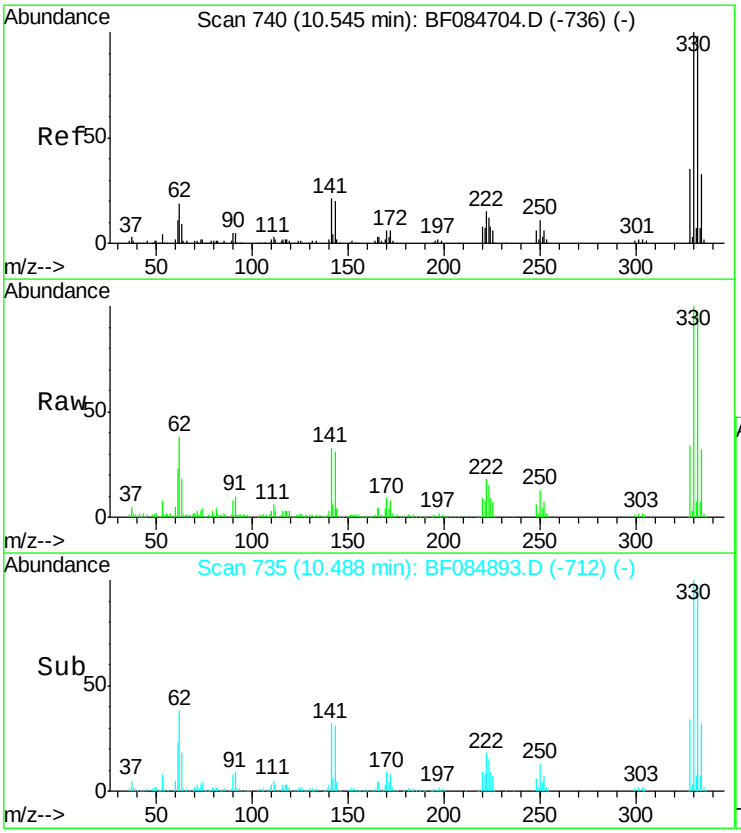
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF084893.D
Acq: 6 Feb 2016 6:41

Instrument :
BNA_F
ClientSampleId :
S4-B004(21-23)

Tgt Ion:164 Resp: 301954

Ion	Ratio	Lower	Upper
164	100		
162	104.0	85.1	127.7
160	48.7	37.5	56.3

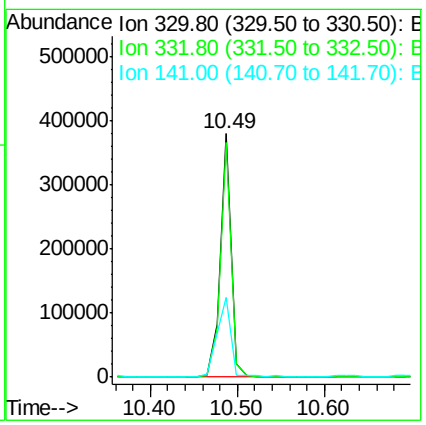


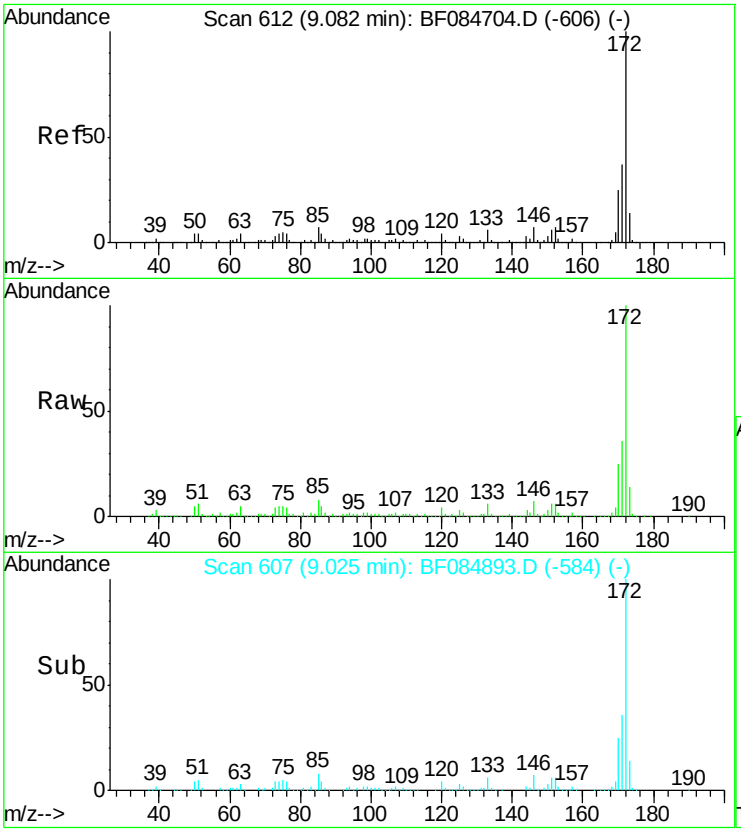


#41
2,4,6-Tribromophenol
Concen: 107.10 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.03 min
Lab File: BF084893.D
Acq: 6 Feb 2016 6:41

Tgt Ion:330 Resp: 337329

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	114.8
141	41.3	27.8	41.6



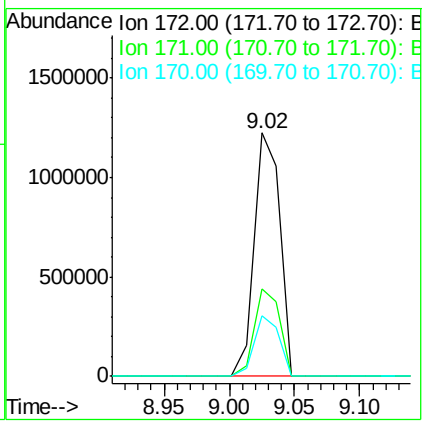


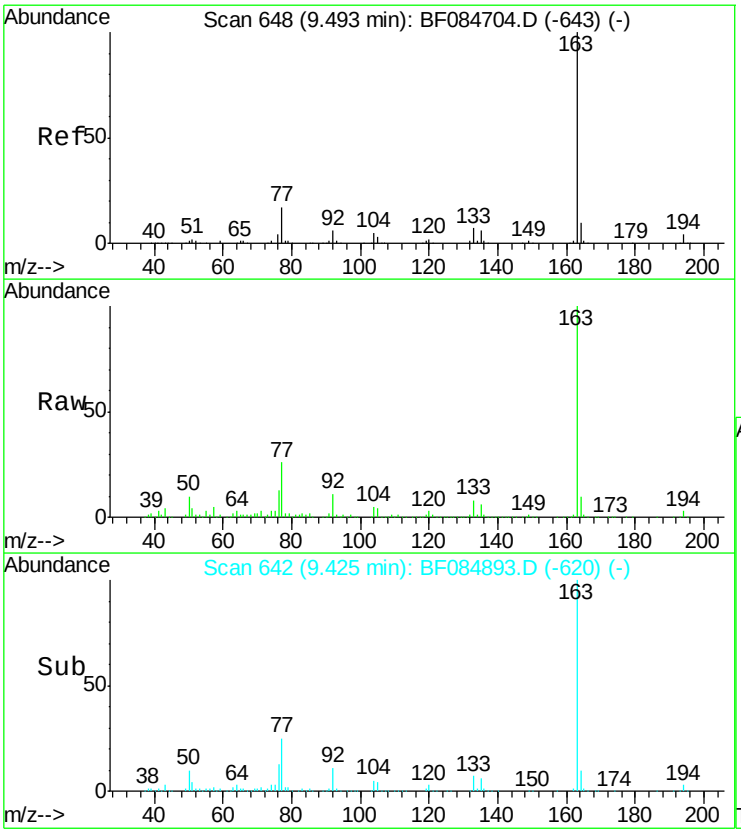
#44
2-Fluorobiphenyl
Concen: 99.40 ng
RT: 9.02 min Scan# 607
Delta R.T. -0.03 min
Lab File: BF084893.D
Acq: 6 Feb 2016 6:41

Instrument :
BNA_F
ClientSampleId :
S4-B004(21-23)

Tgt Ion:172 Resp: 1681048

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.9	43.3
170	24.7	18.6	27.8

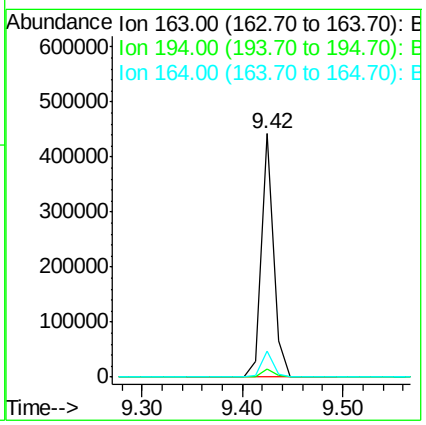


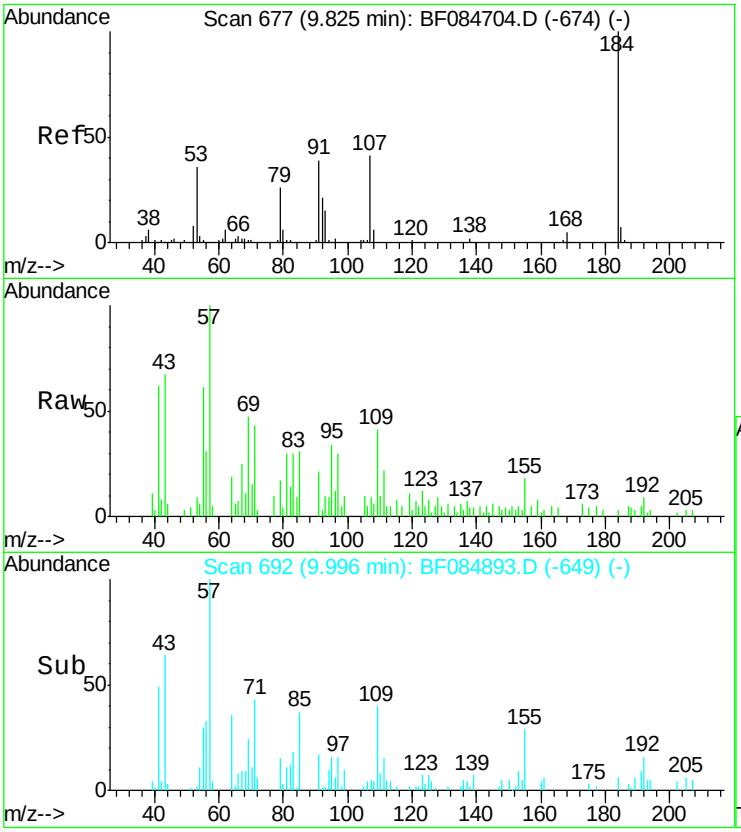


#49
Dimethylphthalate
Concen: 16.10 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.05 min
Lab File: BF084893.D
Acq: 6 Feb 2016 6:41

Tgt Ion:163 Resp: 370219

Ion	Ratio	Lower	Upper
163	100		
194	3.1	8.0	12.0#
164	10.5	8.0	12.0



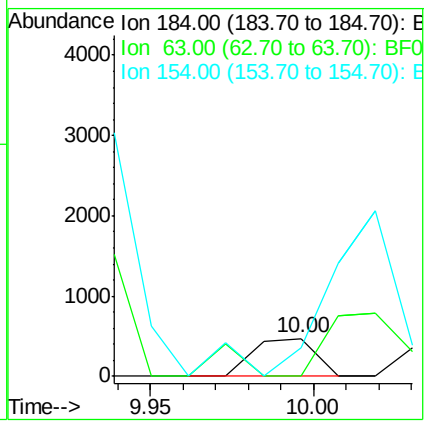


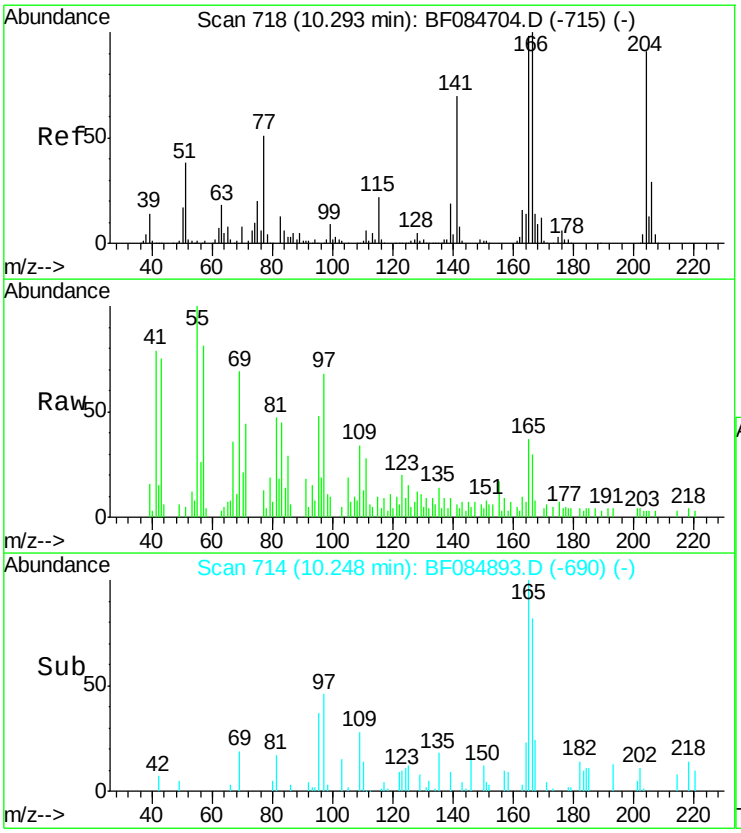
#53
2,4-Dinitrophenol
Concen: 6.05 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.19 min
Lab File: BF084893.D
Acq: 6 Feb 2016 6:41

Instrument :
BNA_F
ClientSampleId :
S4-B004(21-23)

Tgt Ion:184 Resp: 627

Ion	Ratio	Lower	Upper
184	100		
63	0.0	43.1	64.7#
154	76.1	60.5	90.7

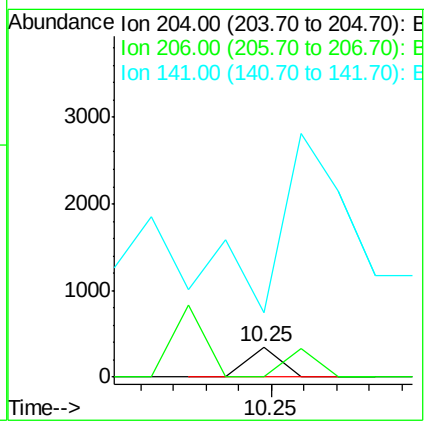


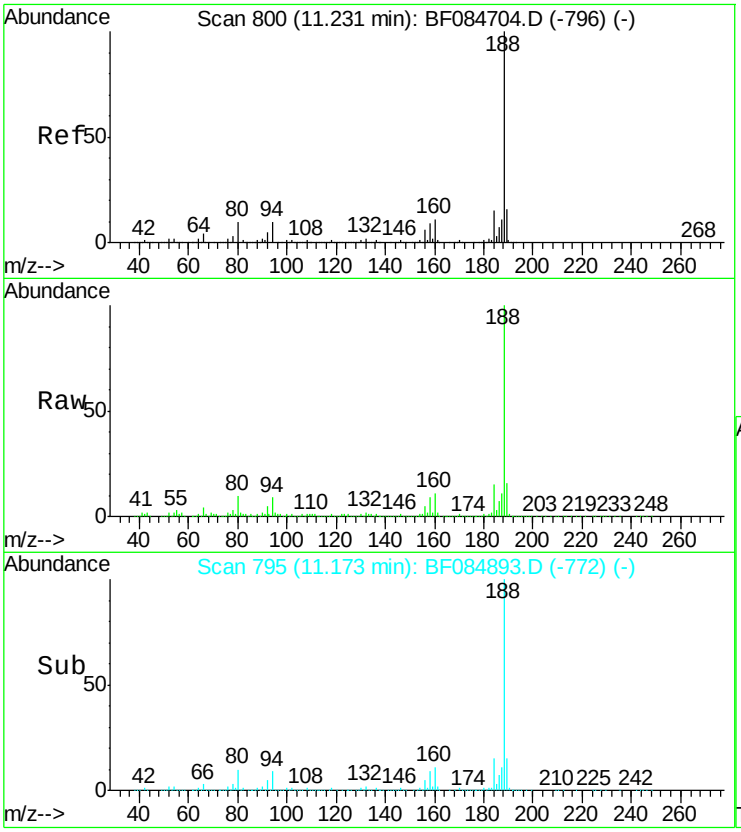


#60
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.25 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF084893.D
Acq: 6 Feb 2016 6:41

Tgt Ion:204 Resp: 239

Ion	Ratio	Lower	Upper
204	100		
206	0.0	25.7	38.5#
141	214.1	55.1	82.7#



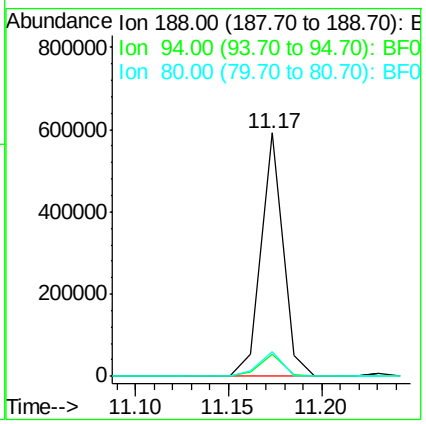


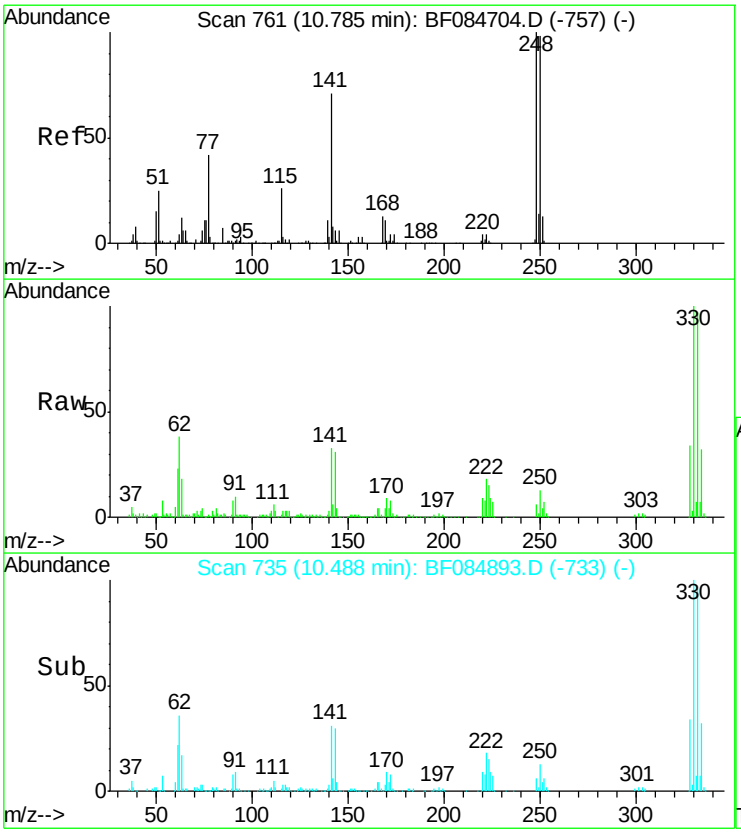
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF084893.D
Acq: 6 Feb 2016 6:41

Instrument :
BNA_F
ClientSampleId :
S4-B004(21-23)

Tgt Ion:188 Resp: 480413

Ion	Ratio	Lower	Upper
188	100		
94	9.0	9.0	13.4
80	9.9	9.6	14.4

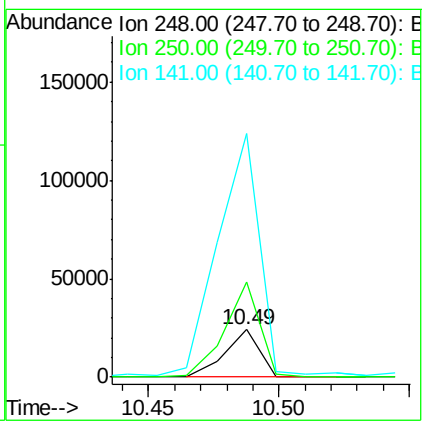


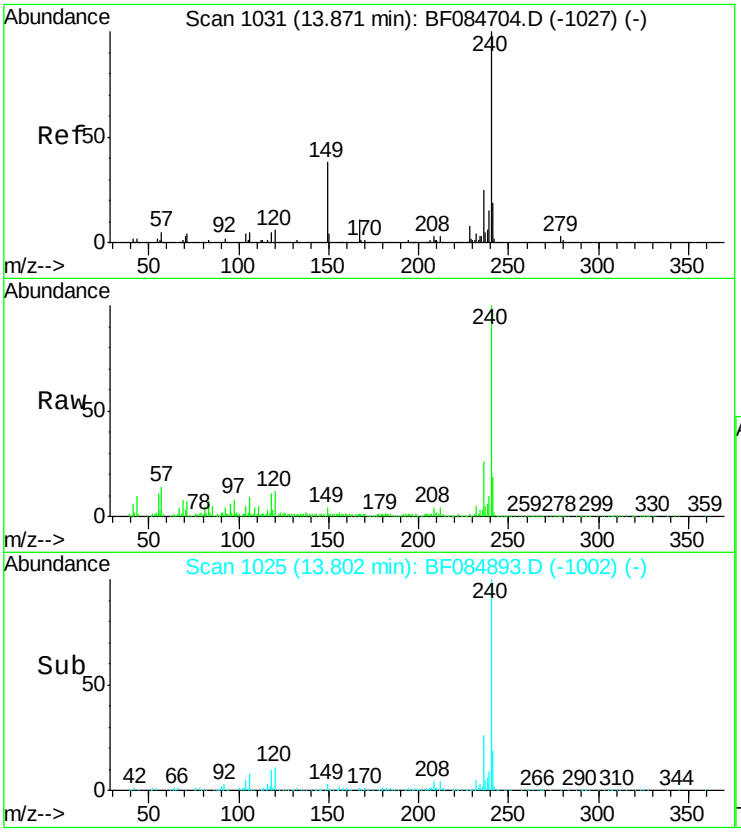


#66
4-Bromophenyl-phenylether
Concen: 4.26 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.27 min
Lab File: BF084893.D
Acq: 6 Feb 2016 6:41

Tgt Ion:248 Resp: 22586

Ion	Ratio	Lower	Upper
248	100		
250	200.5	78.4	117.6#
141	510.1	44.0	66.0#



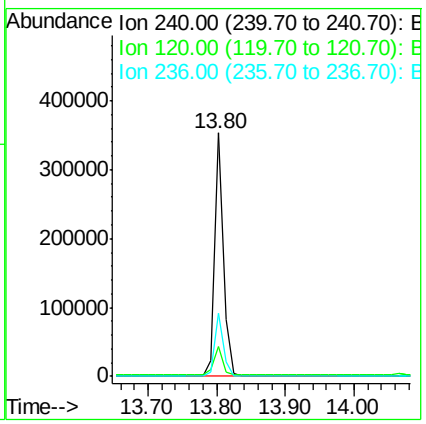


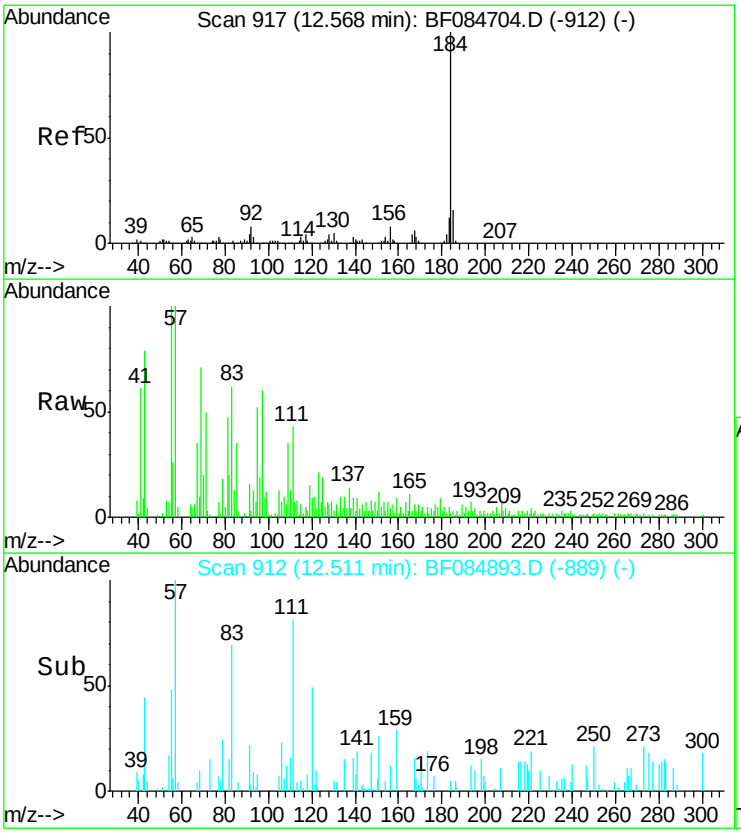
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BF084893.D
Acq: 6 Feb 2016 6:41

Instrument :
BNA_F
ClientSampleId :
S4-B004(21-23)

Tgt Ion:240 Resp: 320393

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.5	14.3
236	25.9	20.6	31.0

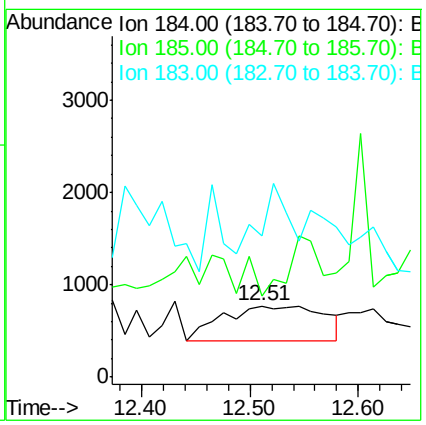


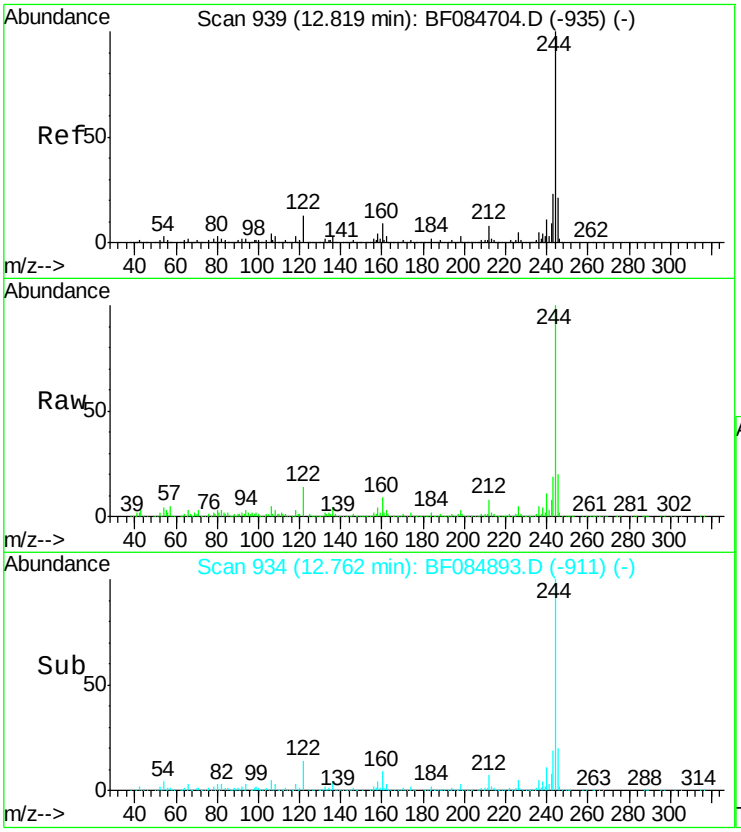


#76
Benzidine
Concen: 7.03 ng
RT: 12.51 min Scan# 912
Delta R.T. -0.03 min
Lab File: BF084893.D
Acq: 6 Feb 2016 6:41

Tgt Ion:184 Resp: 2458

Ion	Ratio	Lower	Upper
184	100		
185	114.0	12.2	18.2#
183	197.4	9.8	14.8#



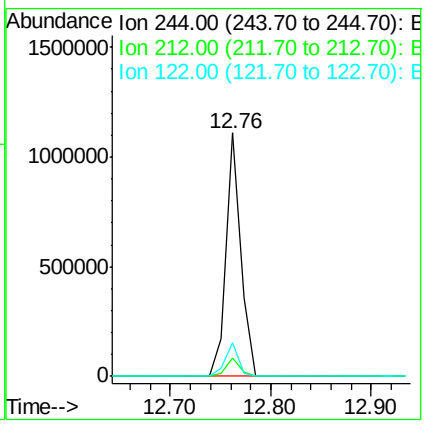


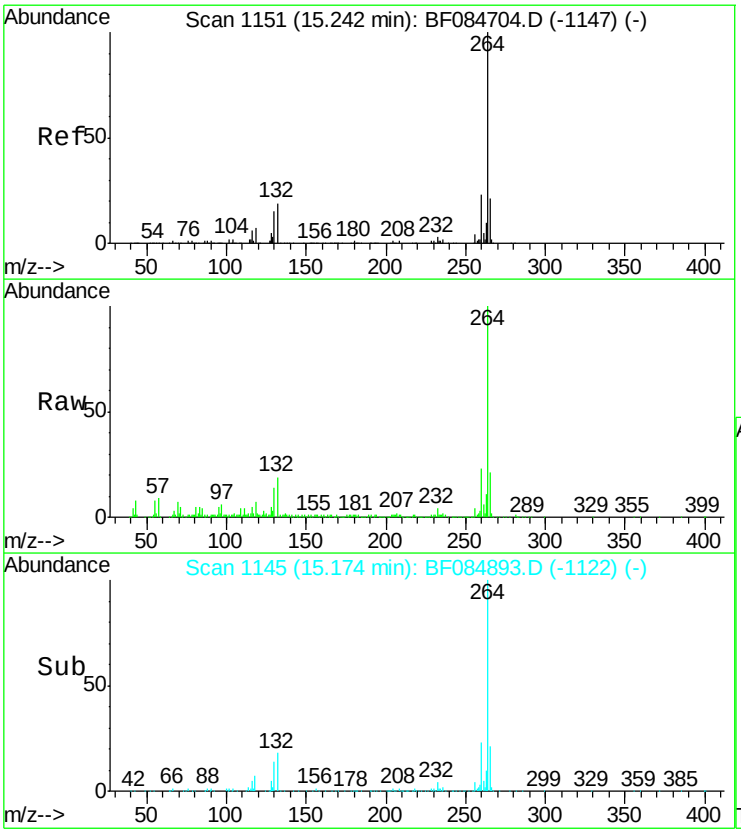
#78
Terphenyl-d14
Concen: 79.96 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.03 min
Lab File: BF084893.D
Acq: 6 Feb 2016 6:41

Instrument :
BNA_F
ClientSampleId :
S4-B004(21-23)

Tgt Ion:244 Resp: 1130552

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.7	8.5
122	13.9	7.4	11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF084893.D
Acq: 6 Feb 2016 6:41

Tgt Ion:264 Resp: 323273

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	21.4	17.8	26.6