Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052216\
Data File : BF087294.D
Acq On : 22 May 2016 16:48
Operator : UM/SJ
Sample : H3172-11
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

Quant Time: May 23 03:39:03 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 23 01:56:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	132589	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	562448	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	266797	20.00	ng	0.00
63) Phenanthrene-d10	11.06	188	449979	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	305891	20.00	ng	-0.01
86) Perylene-d12	15.05	264	242596	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	614083	77.85	ng	0.01
7) Phenol-d6	6.23	99	519527	49.11	ng	0.00
23) Nitrobenzene-d5	7.14	82	1173703	104.00	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	415162	140.82	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1649736	102.41	ng	0.00
78) Terphenyl-d14	12.65	244	1336524	98.84	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.70	88	94818	23.37	ng	# 22
9) Benzaldehyde	6.33	77	28496	3.74	ng	# 76
15) Benzyl Alcohol	6.71	79	17093	2.17	ng	# 44
19) n-Nitroso-di-n-propylamine	7.14	70	167773	20.86	ng	# 82
25) Isophorone	7.14	82	1175817	56.92	ng	# 68
50) 2,6-Dinitrotoluene	9.59	165	33952	7.68	ng	# 21
56) 2,4-Dinitrotoluene	9.59	165	33954	6.00	ng	# 16
66) 4-Bromophenyl-phenylether	10.39	248	26242	5.67	ng	# 1

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

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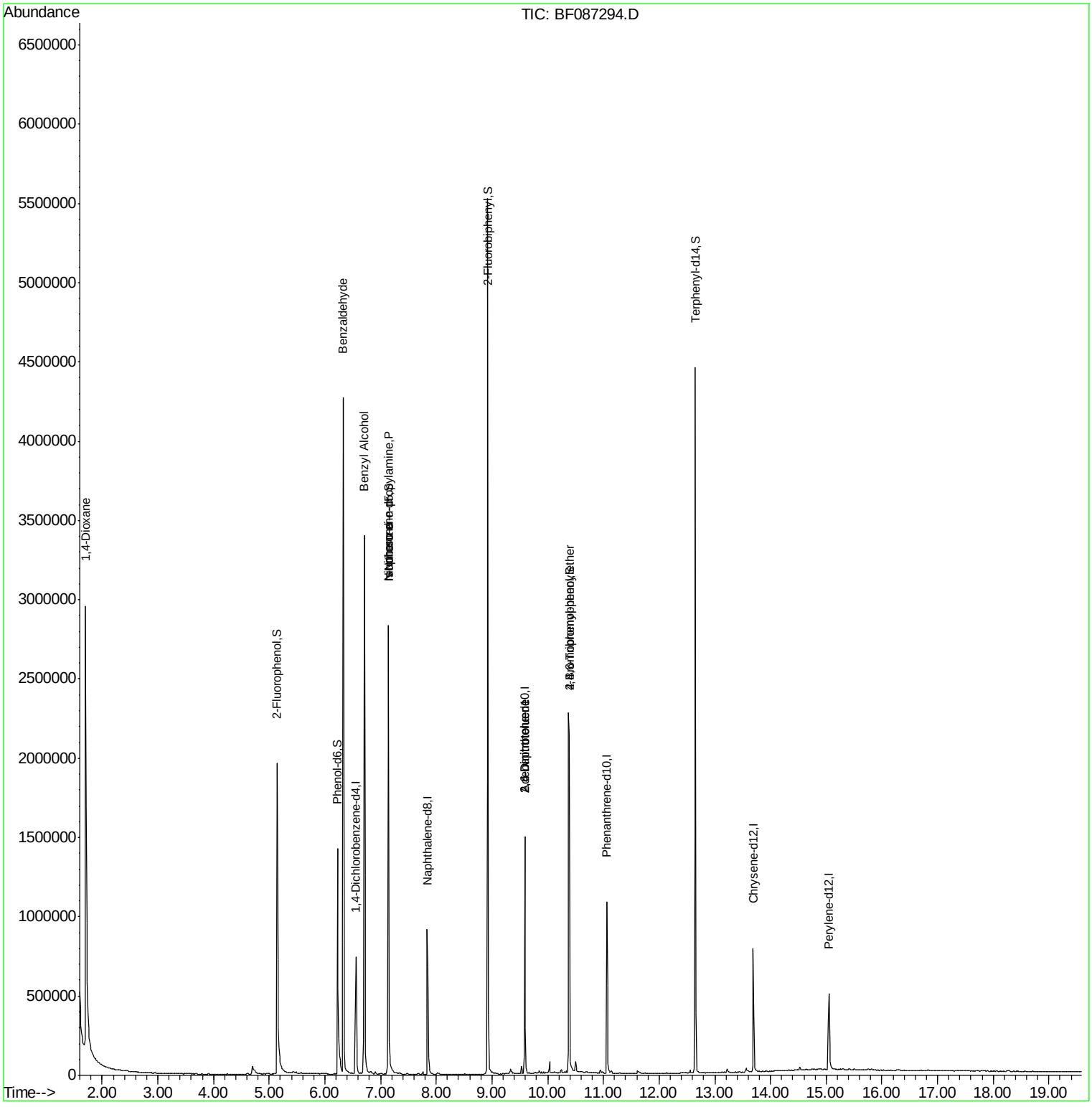
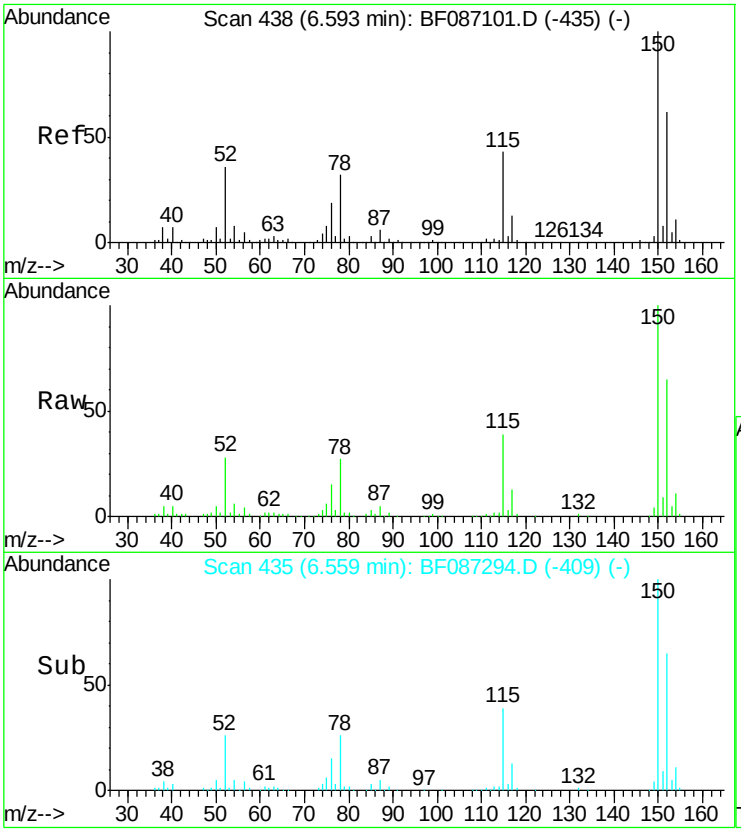


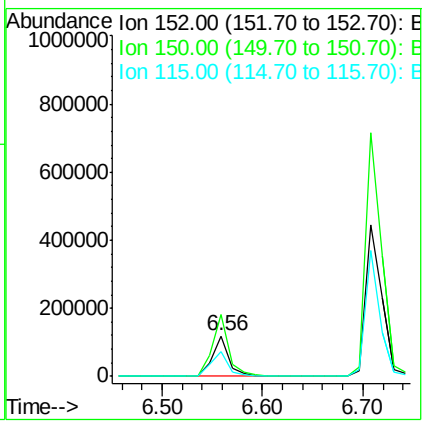


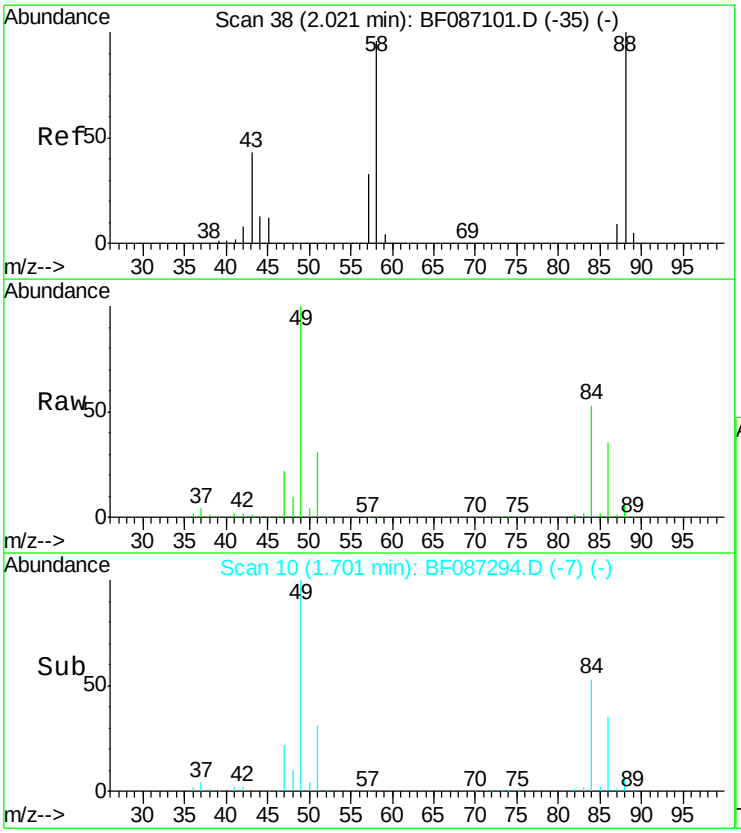
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF087294.D
Acq: 22 May 2016 16:48

Instrument :
BNA_F
ClientSampleId :
MW-03

Tgt Ion:152 Resp: 132589

Ion	Ratio	Lower	Upper
152	100		
150	154.6	125.8	188.6
115	60.6	51.5	77.3

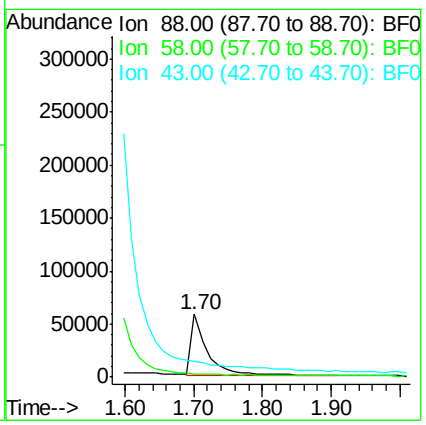


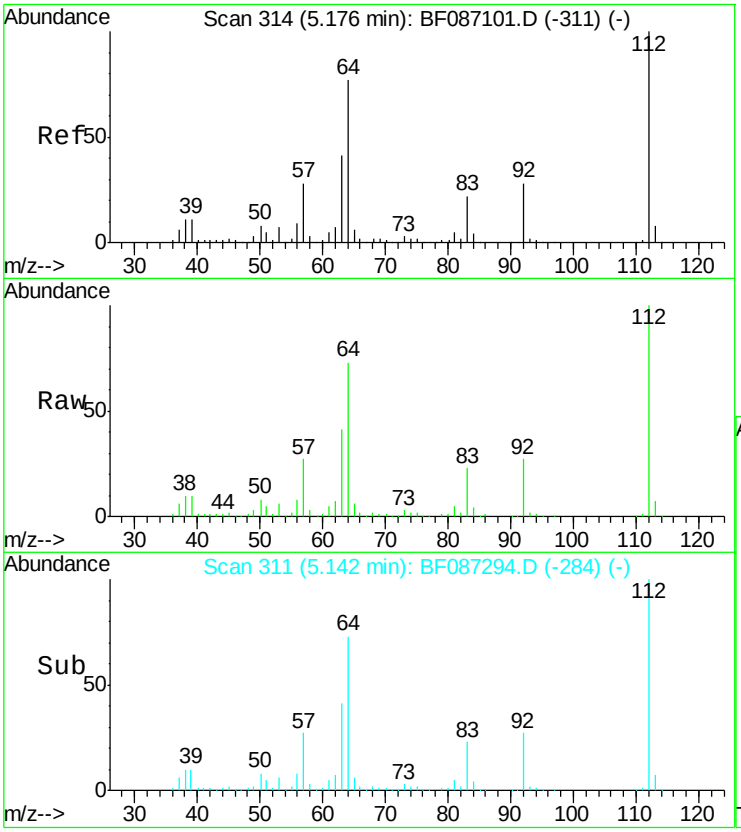


#2
1,4-Dioxane
Concen: 23.37 ng
RT: 1.70 min Scan# 10
Delta R.T. -0.26 min
Lab File: BF087294.D
Acq: 22 May 2016 16:48

Tgt Ion: 88 Resp: 94818

Ion	Ratio	Lower	Upper
88	100		
58	0.0	59.6	89.4#
43	0.0	21.8	32.6#



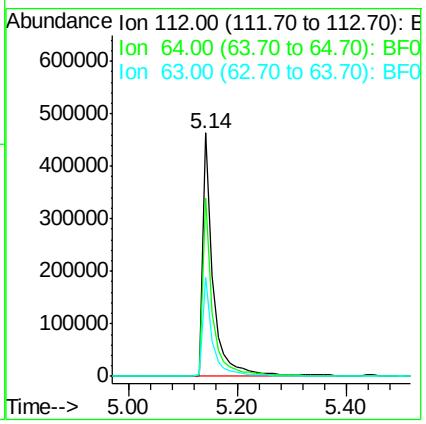


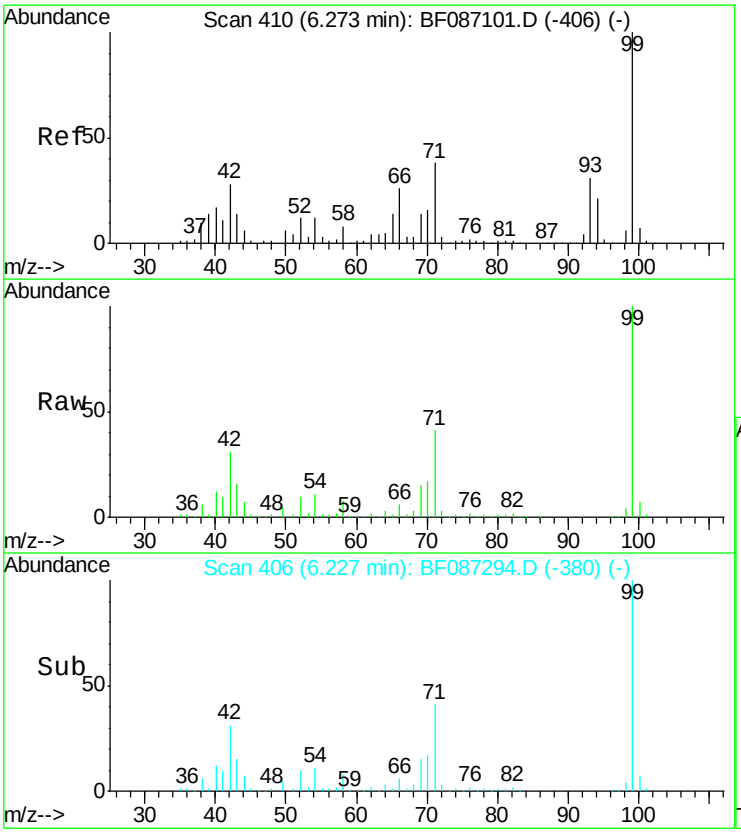
#5
2-Fluorophenol
Concen: 77.85 ng
RT: 5.14 min Scan# 311
Delta R.T. 0.01 min
Lab File: BF087294.D
Acq: 22 May 2016 16:48

Instrument :
BNA_F
ClientSampleId :
MW-03

Tgt Ion:112 Resp: 614083

Ion	Ratio	Lower	Upper
112	100		
64	73.2	52.1	78.1
63	40.8	25.7	38.5#

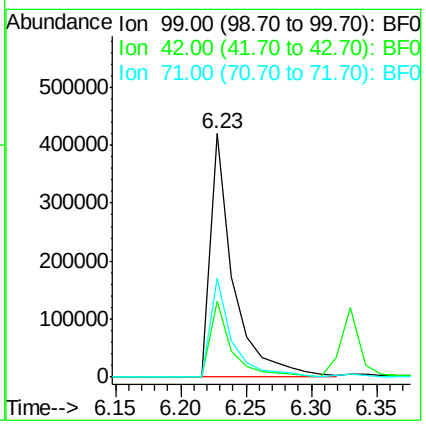


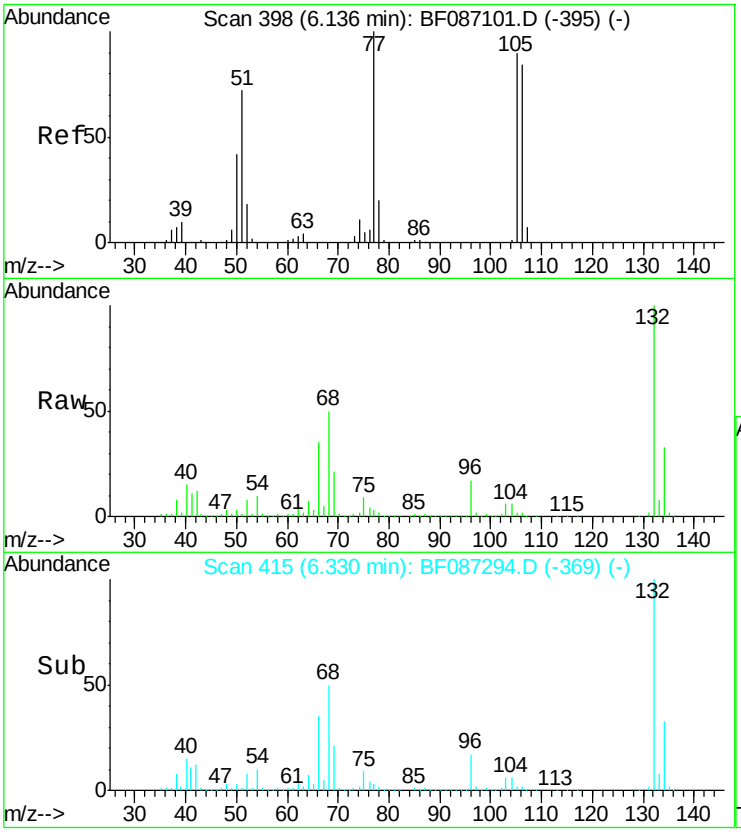


#7
Phenol-d6
Concen: 49.11 ng
RT: 6.23 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF087294.D
Acq: 22 May 2016 16:48

Tgt Ion: 99 Resp: 519527

Ion	Ratio	Lower	Upper
99	100		
42	31.2	13.6	20.4#
71	40.6	24.6	36.8#



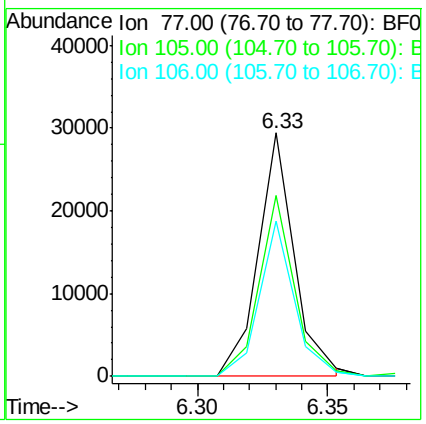


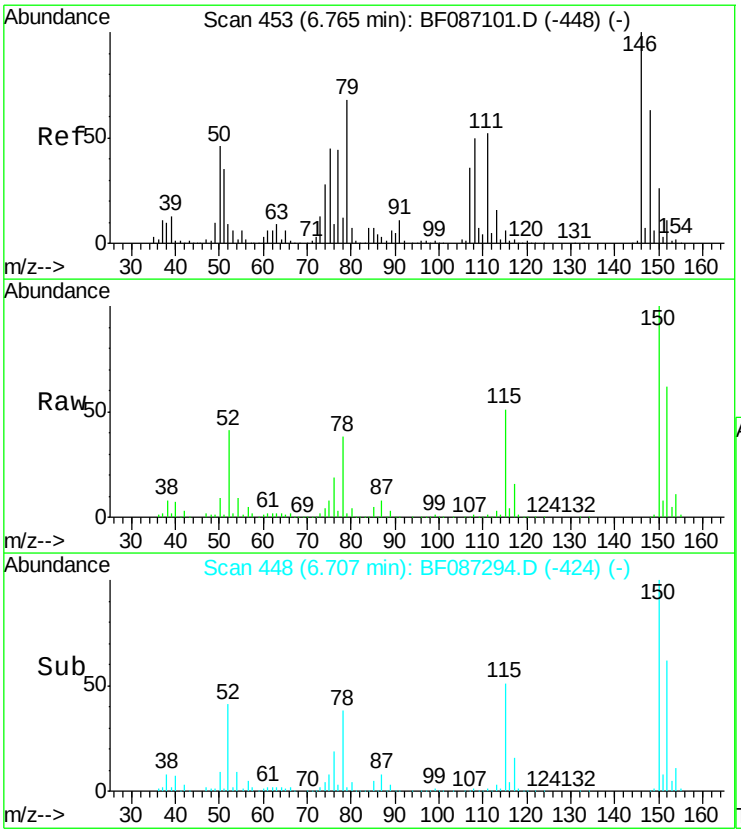
#9
Benzaldehyde
Concen: 3.74 ng
RT: 6.33 min Scan# 415
Delta R.T. 0.23 min
Lab File: BF087294.D
Acq: 22 May 2016 16:48

Instrument :
BNA_F
ClientSampleId :
MW-03

Tgt Ion: 77 Resp: 28496

Ion	Ratio	Lower	Upper
77	100		
105	74.4	72.7	112.7
106	63.8	70.8	110.8#

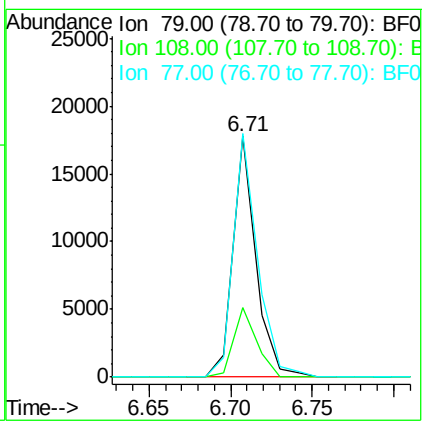


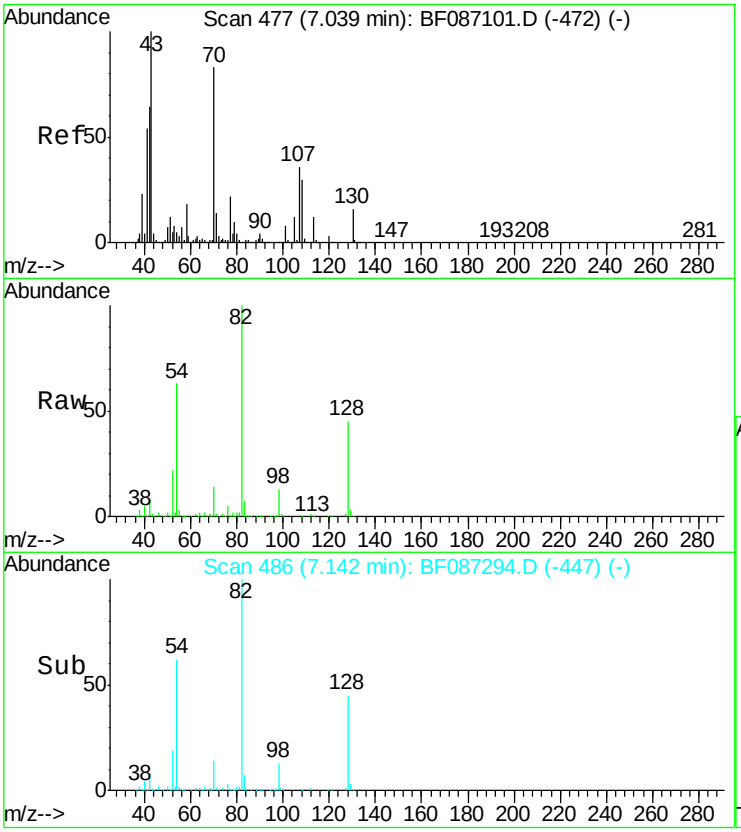


#15
Benzyl Alcohol
Concen: 2.17 ng
RT: 6.71 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF087294.D
Acq: 22 May 2016 16:48

Tgt Ion: 79 Resp: 17093

Ion	Ratio	Lower	Upper
79	100		
108	29.1	68.4	102.6#
77	101.2	50.6	76.0#



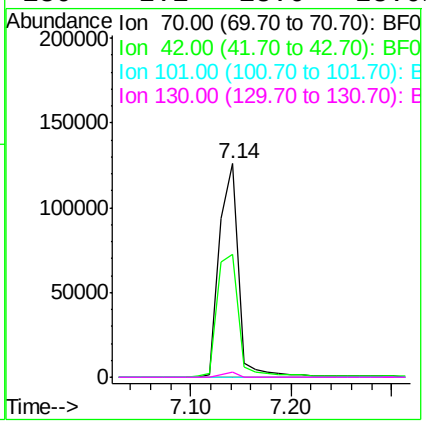


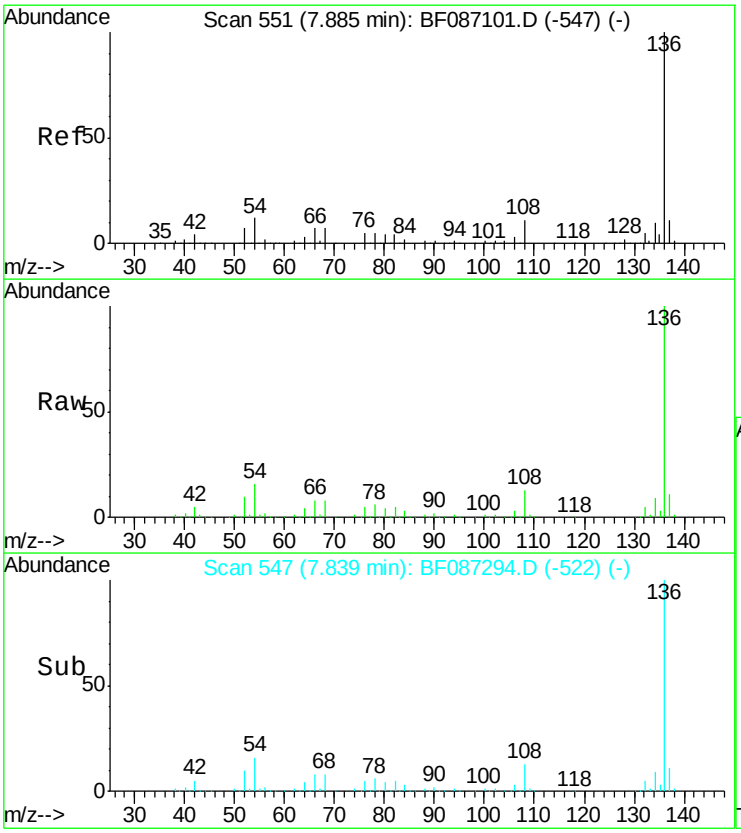
#19
n-Nitroso-di-n-propylamine
Concen: 20.86 ng
RT: 7.14 min Scan# 486
Delta R.T. 0.15 min
Lab File: BF087294.D
Acq: 22 May 2016 16:48

Instrument :
BNA_F
ClientSampleId :
MW-03

Tgt Ion: 70 Resp: 167773

Ion	Ratio	Lower	Upper
70	100		
42	57.8	43.1	64.7
101	0.0	8.1	12.1#
130	2.1	18.6	28.0#

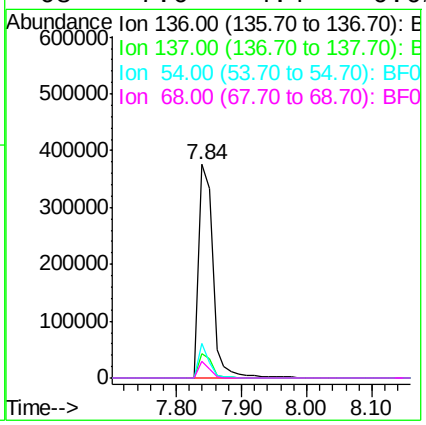


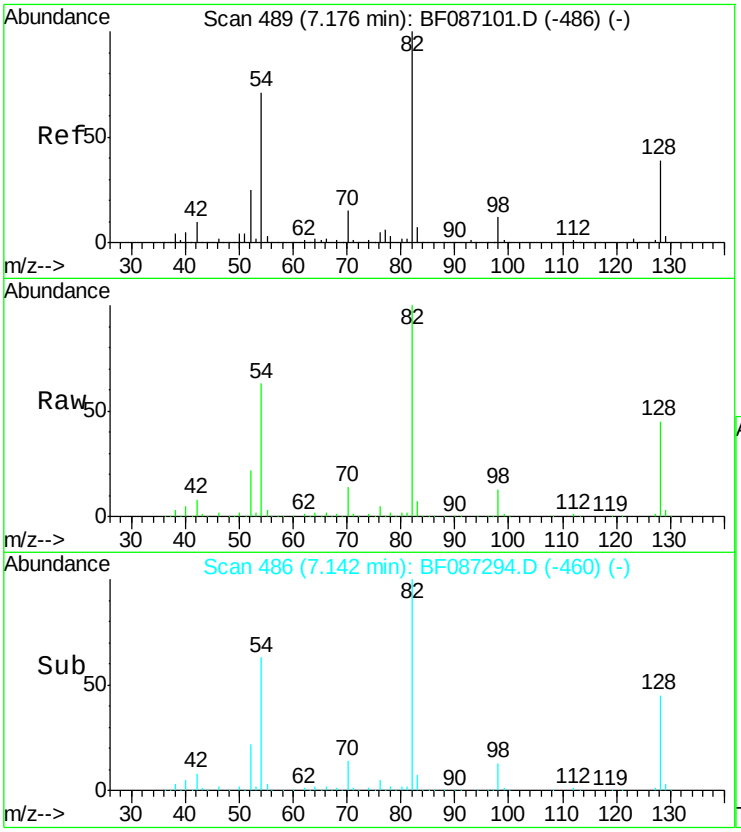


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.01 min
Lab File: BF087294.D
Acq: 22 May 2016 16:48

Tgt Ion:136 Resp: 562448

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	16.2	5.0	7.4#
68	7.6	4.4	6.6#



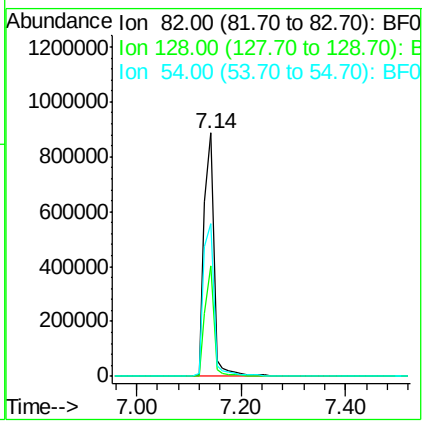


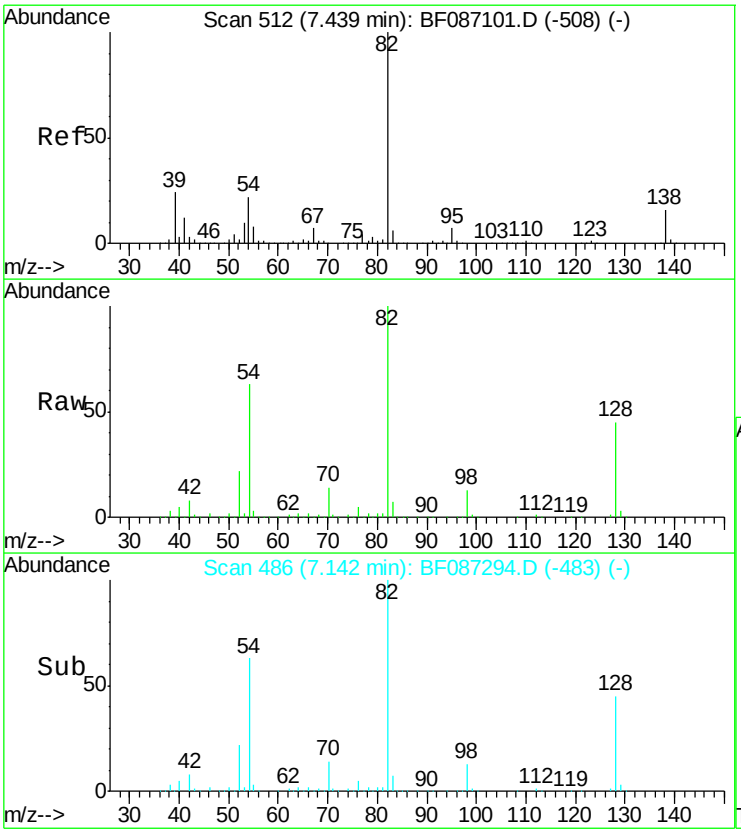
#23
Nitrobenzene-d5
Concen: 104.00 ng
RT: 7.14 min Scan# 486
Delta R.T. 0.00 min
Lab File: BF087294.D
Acq: 22 May 2016 16:48

Instrument :
BNA_F
ClientSampleId :
MW-03

Tgt Ion: 82 Resp: 1173703

Ion	Ratio	Lower	Upper
82	100		
128	45.5	40.6	61.0
54	62.8	38.1	57.1#

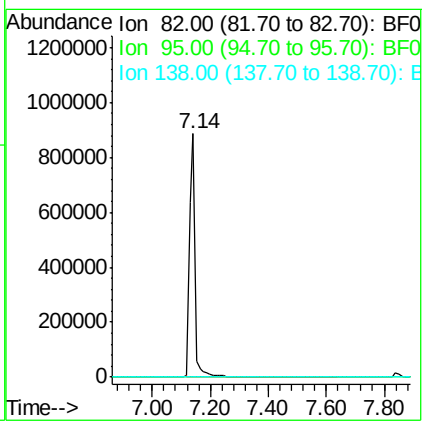


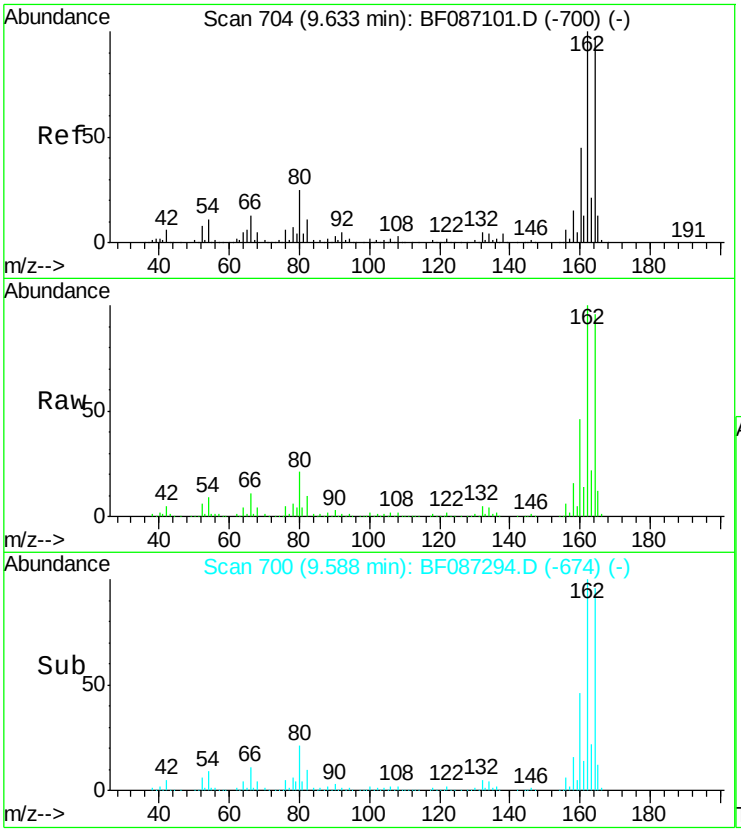


#25
Isophorone
Concen: 56.92 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.26 min
Lab File: BF087294.D
Acq: 22 May 2016 16:48

Tgt Ion: 82 Resp: 1175817

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.1	7.7#
138	0.0	12.4	18.6#



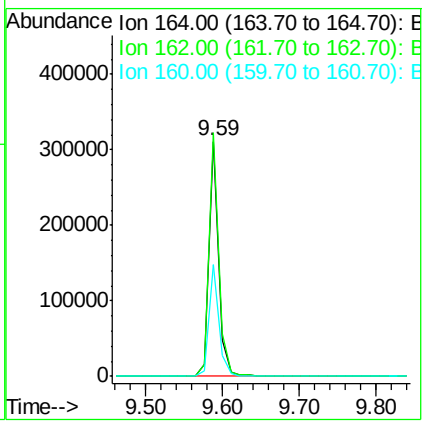


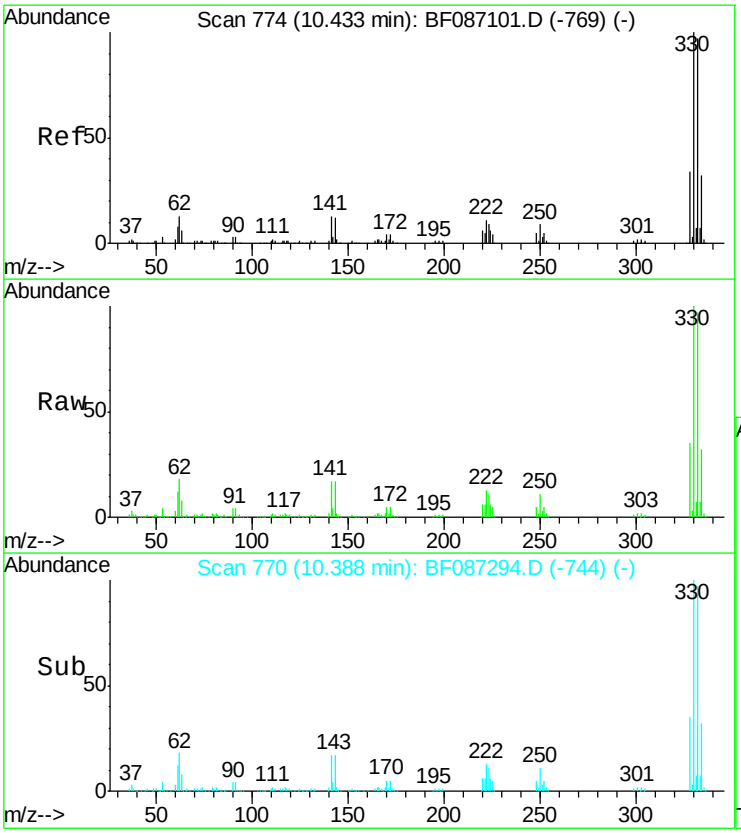
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF087294.D
Acq: 22 May 2016 16:48

Instrument :
BNA_F
ClientSampleId :
MW-03

Tgt Ion:164 Resp: 266797

Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.8	124.2
160	47.6	36.9	55.3

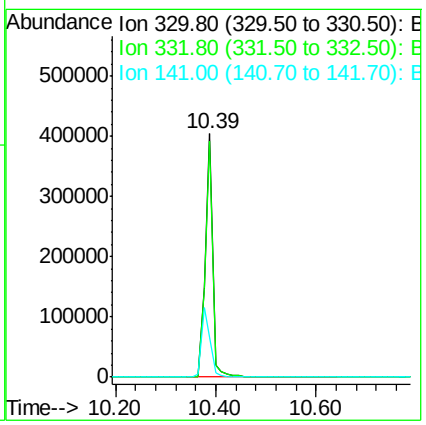


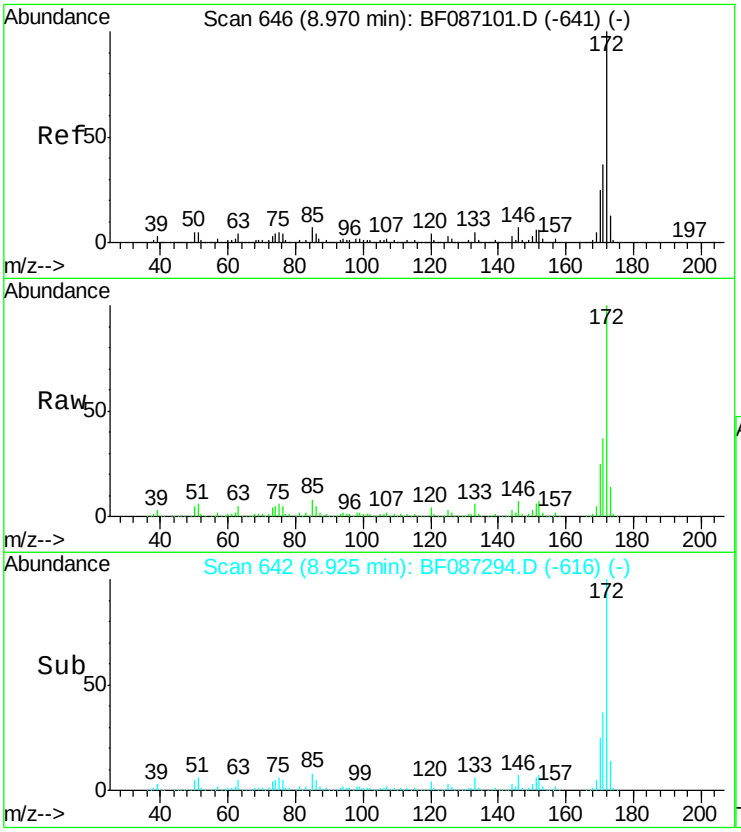


#41
2,4,6-Tribromophenol
Concen: 140.82 ng
RT: 10.39 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF087294.D
Acq: 22 May 2016 16:48

Tgt Ion:330 Resp: 415162

Ion	Ratio	Lower	Upper
330	100		
332	97.0	79.0	118.4
141	34.5	31.2	46.8



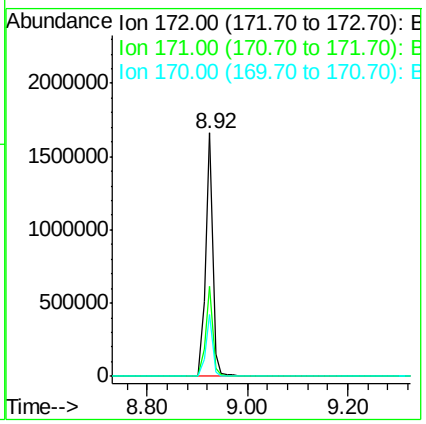


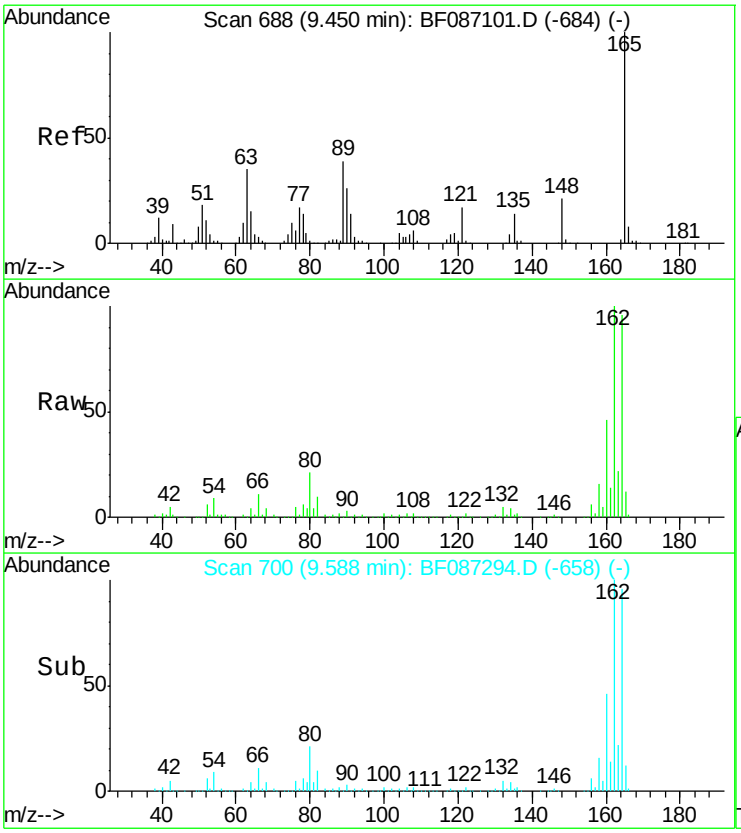
#44
2-Fluorobiphenyl
Concen: 102.41 ng
RT: 8.92 min Scan# 642
Delta R.T. 0.00 min
Lab File: BF087294.D
Acq: 22 May 2016 16:48

Instrument :
BNA_F
ClientSampleId :
MW-03

Tgt Ion:172 Resp: 1649736

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.0	43.6
170	25.2	19.8	29.8

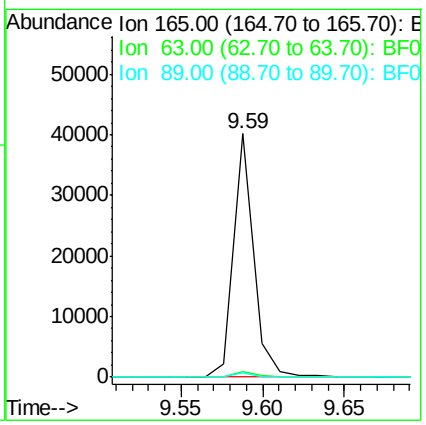


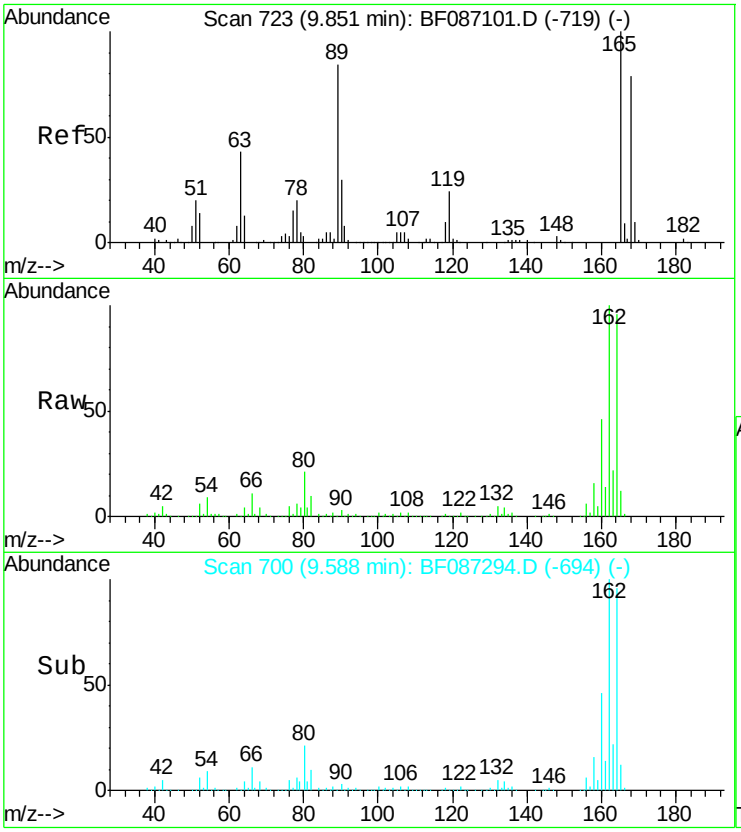


#50
2,6-Dinitrotoluene
Concen: 7.68 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.18 min
Lab File: BF087294.D
Acq: 22 May 2016 16:48

Tgt Ion:165 Resp: 33952

Ion	Ratio	Lower	Upper
165	100		
63	2.1	51.8	77.8#
89	1.9	50.7	76.1#



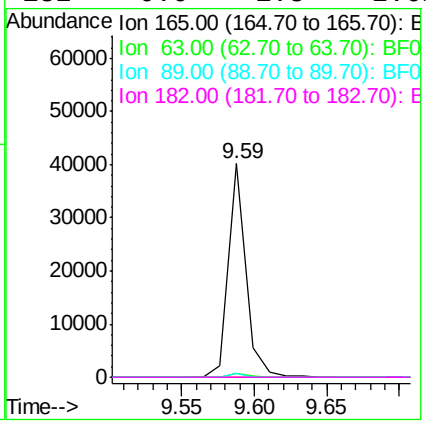


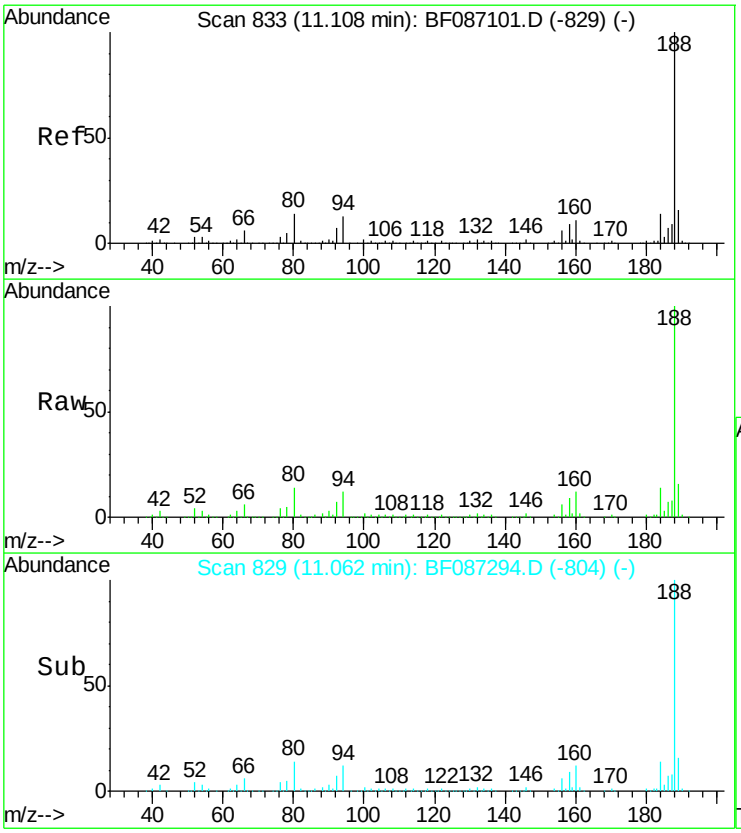
#56
2,4-Dinitrotoluene
Concen: 6.00 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.23 min
Lab File: BF087294.D
Acq: 22 May 2016 16:48

Instrument :
BNA_F
ClientSampleId :
MW-03

Tgt Ion:165 Resp: 33954

Ion	Ratio	Lower	Upper
165	100		
63	2.1	44.3	66.5#
89	1.9	70.0	105.0#
182	0.0	1.8	2.6#

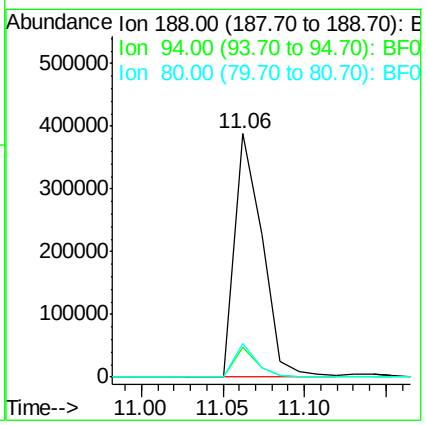


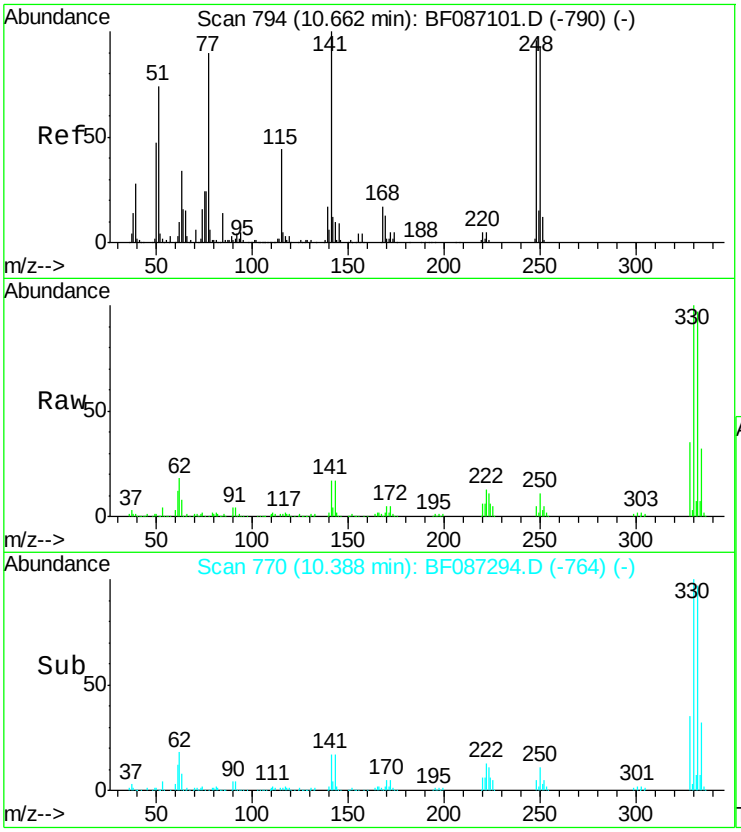


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF087294.D
Acq: 22 May 2016 16:48

Tgt Ion:188 Resp: 449979

Ion	Ratio	Lower	Upper
188	100		
94	12.3	6.8	10.2#
80	13.8	7.1	10.7#



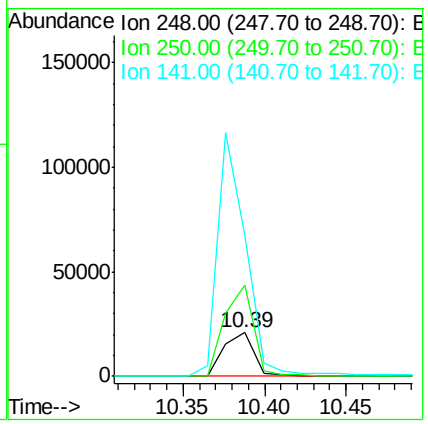


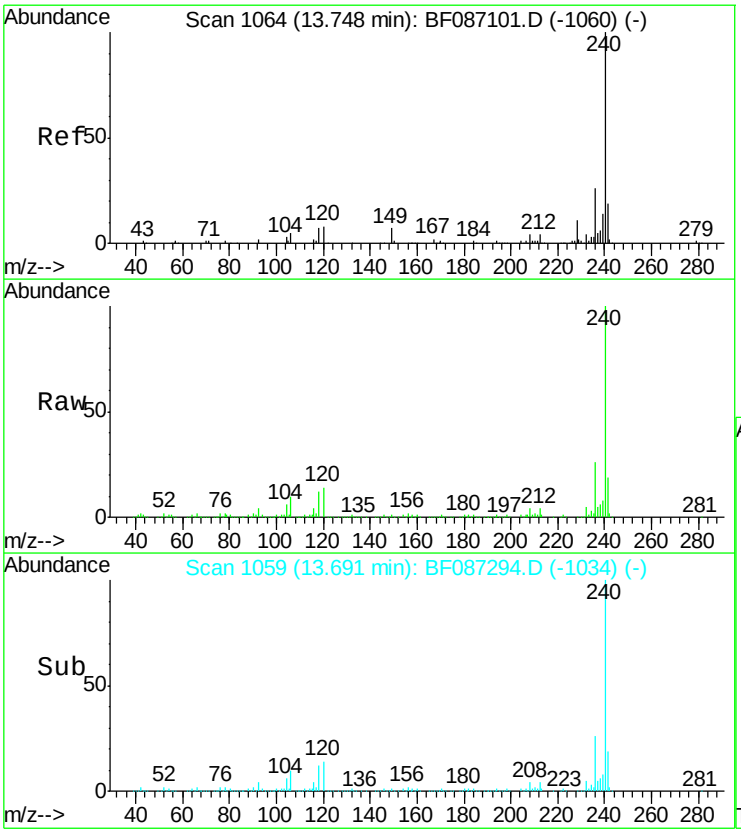
#66
4-Bromophenyl-phenylether
Concen: 5.67 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.23 min
Lab File: BF087294.D
Acq: 22 May 2016 16:48

Instrument :
BNA_F
ClientSampleId :
MW-03

Tgt Ion:248 Resp: 26242

Ion	Ratio	Lower	Upper
248	100		
250	208.8	78.6	117.8#
141	322.8	76.0	114.0#

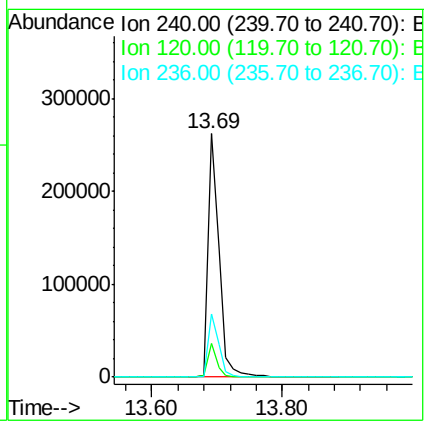


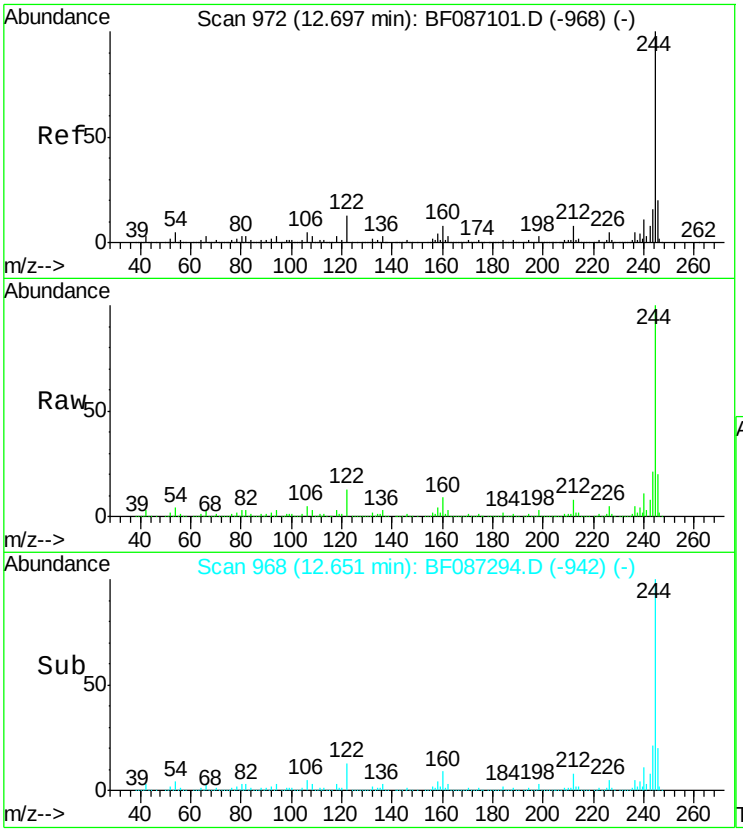


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF087294.D
Acq: 22 May 2016 16:48

Tgt Ion:240 Resp: 305891

Ion	Ratio	Lower	Upper
240	100		
120	13.8	11.2	16.8
236	26.1	21.2	31.8



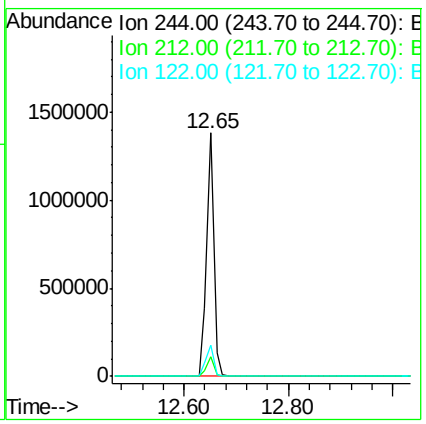


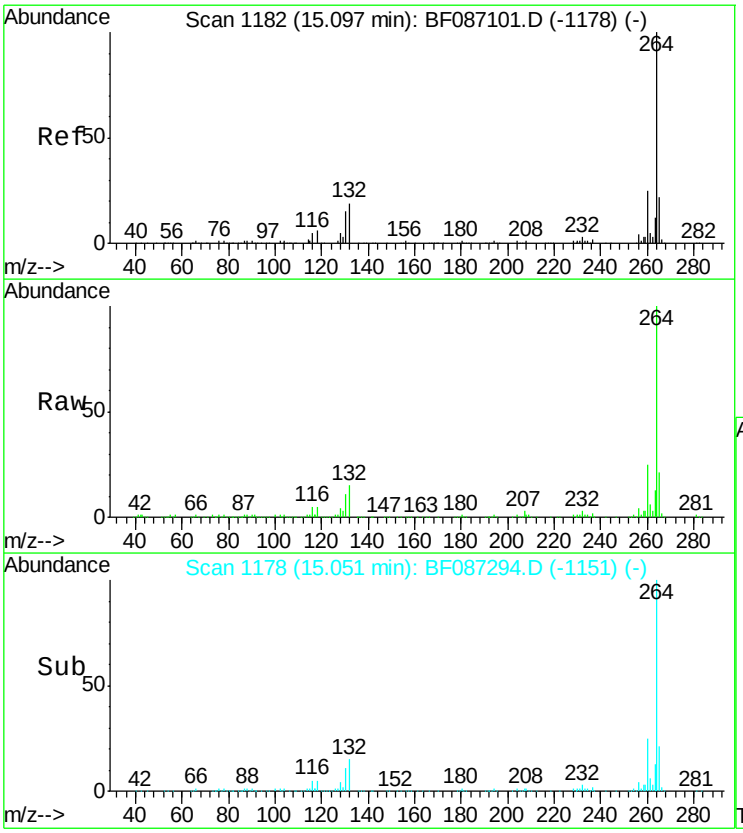
#78
Terphenyl-d14
Concen: 98.84 ng
RT: 12.65 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF087294.D
Acq: 22 May 2016 16:48

Instrument :
BNA_F
ClientSampleId :
MW-03

Tgt Ion:244 Resp: 1336524

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	12.6	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BF087294.D
Acq: 22 May 2016 16:48

Tgt Ion:264 Resp: 242596

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.1	17.3	25.9