Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010416\
Data File : BF084237.D
Acq On : 4 Jan 2016 14:27
Operator : UM/SJ
Sample : G4981-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0531

Quant Time: Jan 05 05:46:48 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	321870	20.00	ng		-0.01
21) Naphthalene-d8	8.18	136	1359483	20.00	ng		-0.01
38) Acenaphthene-d10	9.93	164	579759	20.00	ng		-0.02
63) Phenanthrene-d10	11.41	188	1011176	20.00	ng		-0.01
75) Chrysene-d12	14.05	240	698636	20.00	ng		-0.01
86) Perylene-d12	15.49	264	601348	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1068835	53.71	ng		0.00
7) Phenol-d6	6.52	99	870257	34.82	ng		-0.01
23) Nitrobenzene-d5	7.46	82	2177537	89.14	ng		-0.01
41) 2,4,6-Tribromophenol	10.73	330	769801	131.52	ng		-0.01
44) 2-Fluorobiphenyl	9.25	172	3218678	98.68	ng		-0.01
78) Terphenyl-d14	13.01	244	2897809	92.59	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.66	77	49242	3.03	ng	#	71
19) n-Nitroso-di-n-propylamine	7.46	70	321268	18.99	ng	#	70
32) Benzoic acid	7.87	122	3850	6.48	ng		94
49) Dimethylphthalate	9.65	163	106928	2.58	ng	#	91
54) Dibenzofuran	10.13	168	2330	Below Cal		#	85
56) 2,4-Dinitrotoluene	9.93	165	75981	6.60	ng	#	22
57) Fluorene	10.48	166	2128	Below Cal		#	39
60) 4-Chlorophenyl-phenylether	10.58	204	269	Below Cal		#	18
64) 4,6-Dinitro-2-methylphenol	10.72	198	2024	6.66	ng	#	1
66) 4-Bromophenyl-phenylether	10.73	248	50068	4.60	ng	#	1
73) Di-n-butylphthalate	11.99	149	28372	Below Cal		#	96

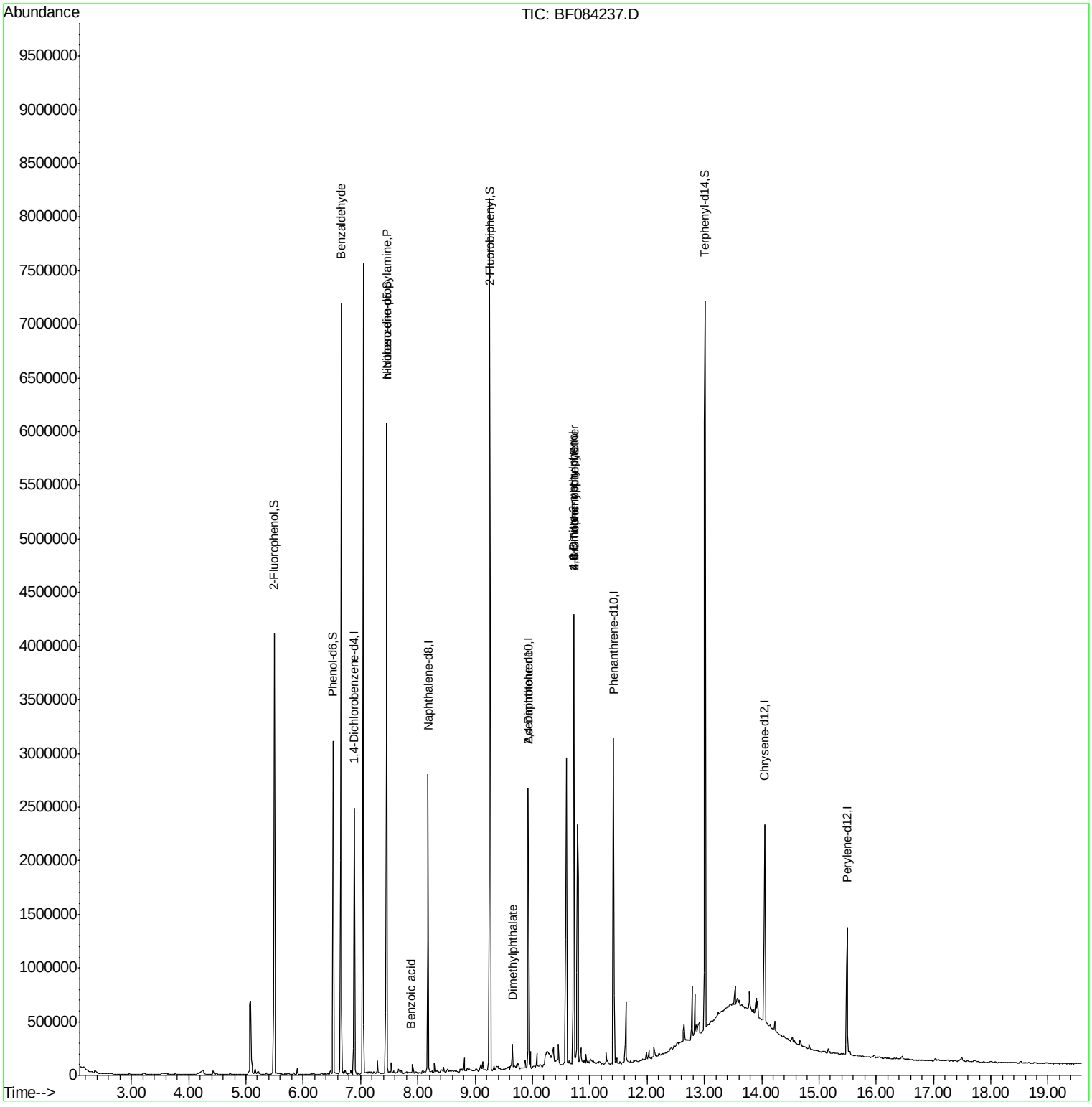
(#) = qualifier out of range (m) = manual integration (+) = signals summed

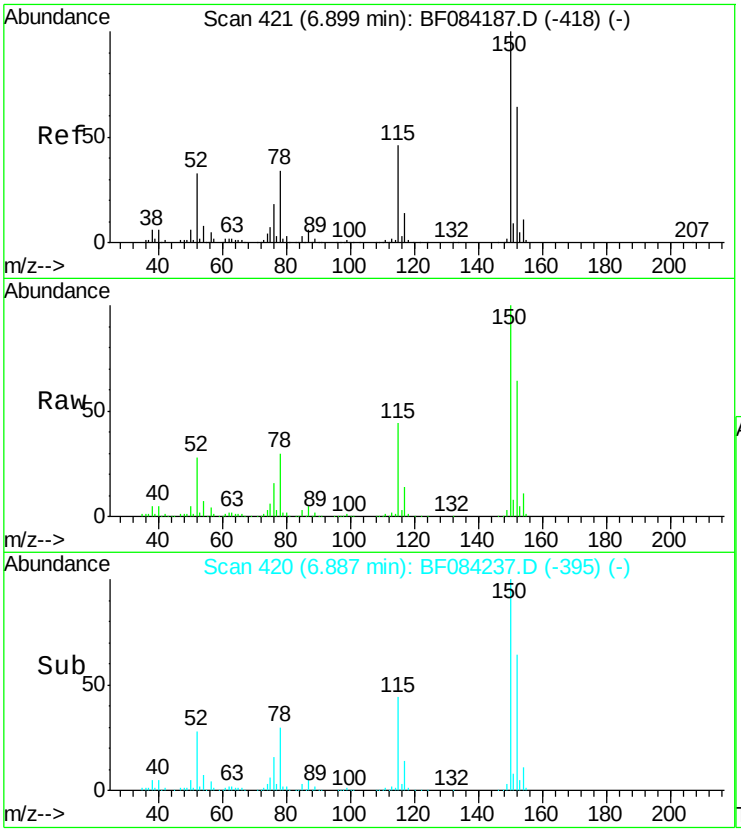
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010416\
Data File : BF084237.D
Acq On : 4 Jan 2016 14:27
Operator : UM/SJ
Sample : G4981-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0531

Quant Time: Jan 05 05:46:48 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration



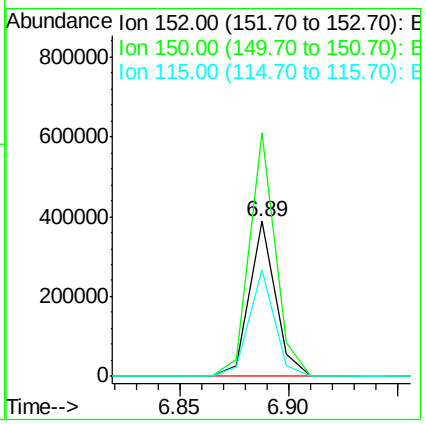


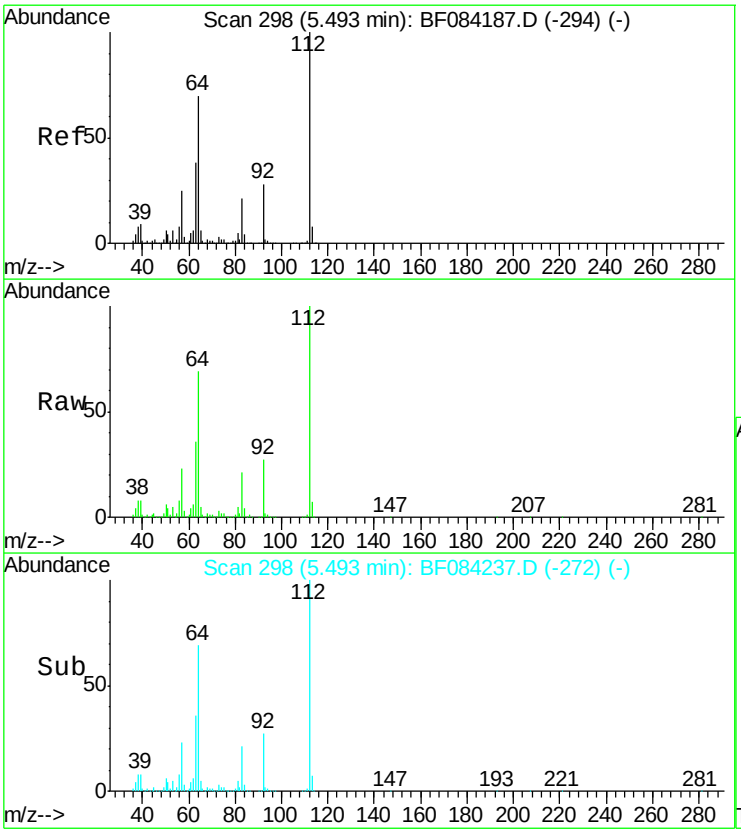
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF084237.D
Acq: 4 Jan 2016 14:27

Instrument :
BNA_F
ClientSampleId :
S8-0531

Tgt Ion:152 Resp: 321870

Ion	Ratio	Lower	Upper
152	100		
150	157.0	123.0	184.4
115	69.0	51.4	77.2

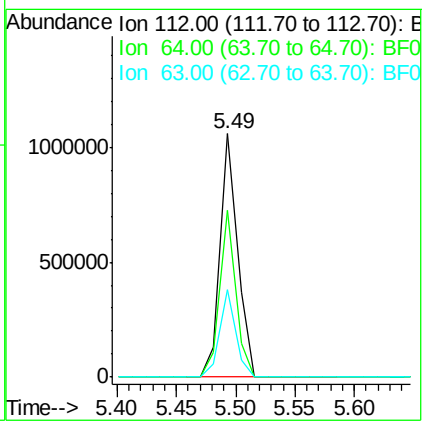


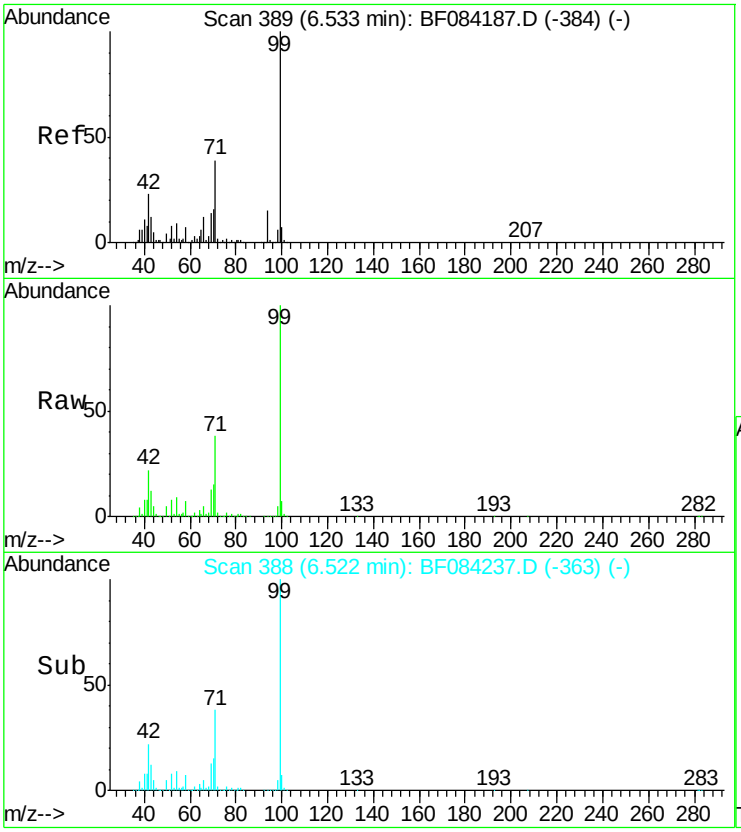


#5
2-Fluorophenol
Concen: 53.71 ng
RT: 5.49 min Scan# 298
Delta R.T. 0.00 min
Lab File: BF084237.D
Acq: 4 Jan 2016 14:27

Tgt Ion:112 Resp: 1068835

Ion	Ratio	Lower	Upper
112	100		
64	68.8	36.6	55.0#
63	35.8	19.4	29.0#



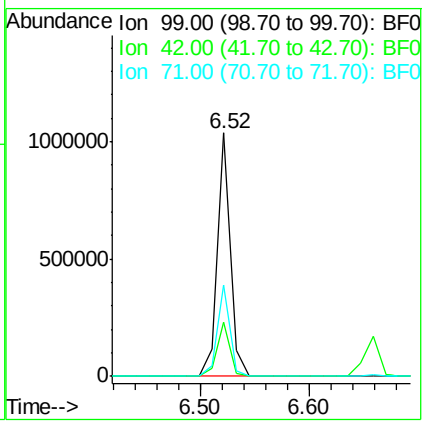


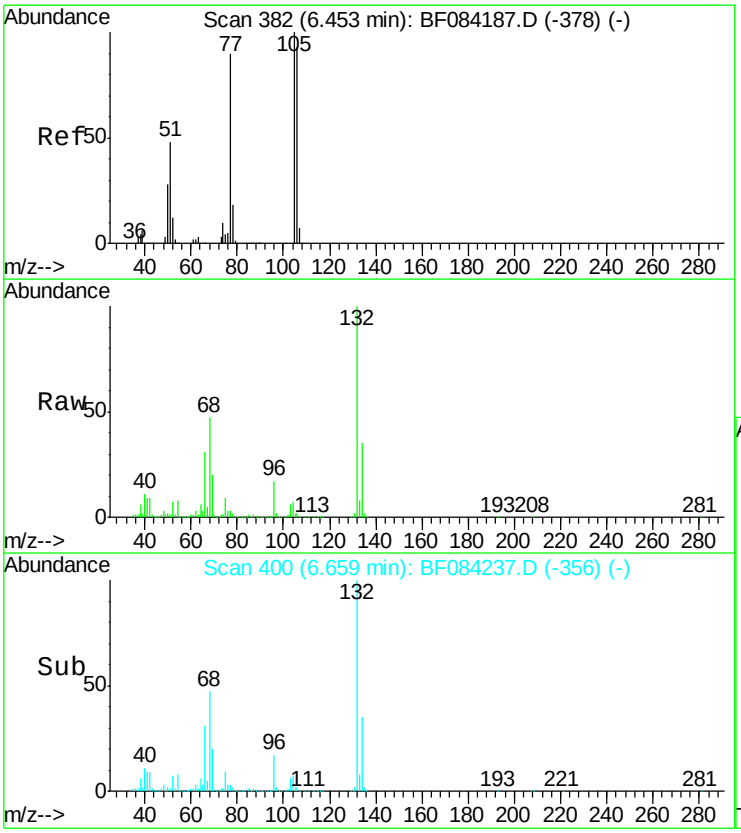
#7
Phenol-d6
Concen: 34.82 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.01 min
Lab File: BF084237.D
Acq: 4 Jan 2016 14:27

Instrument :
BNA_F
ClientSampleId :
S8-0531

Tgt Ion: 99 Resp: 870257

Ion	Ratio	Lower	Upper
99	100		
42	22.2	12.8	19.2#
71	37.5	30.9	46.3

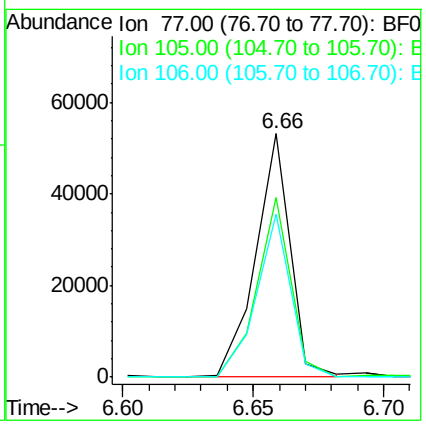


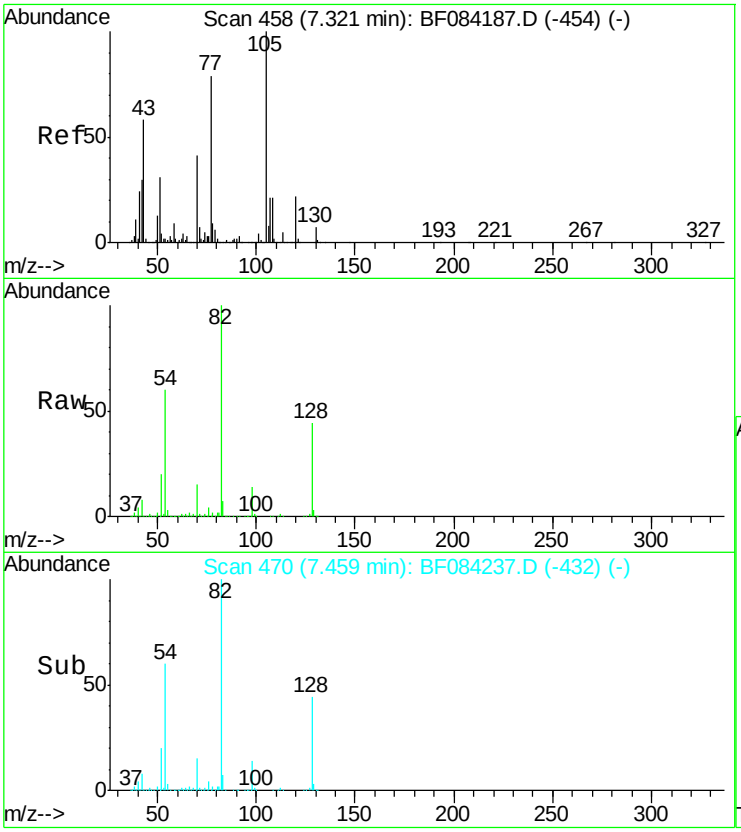


#9
Benzaldehyde
Concen: 3.03 ng
RT: 6.66 min Scan# 400
Delta R.T. 0.21 min
Lab File: BF084237.D
Acq: 4 Jan 2016 14:27

Tgt Ion: 77 Resp: 49242

Ion	Ratio	Lower	Upper
77	100		
105	73.9	83.0	123.0#
106	66.9	74.6	114.6#



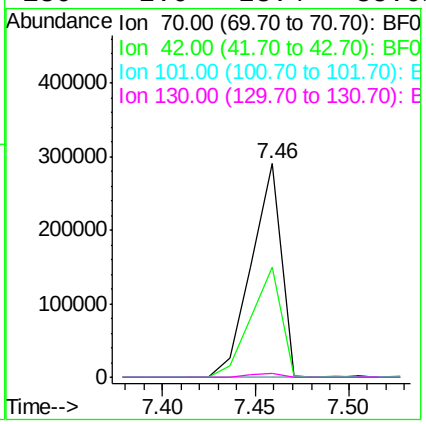


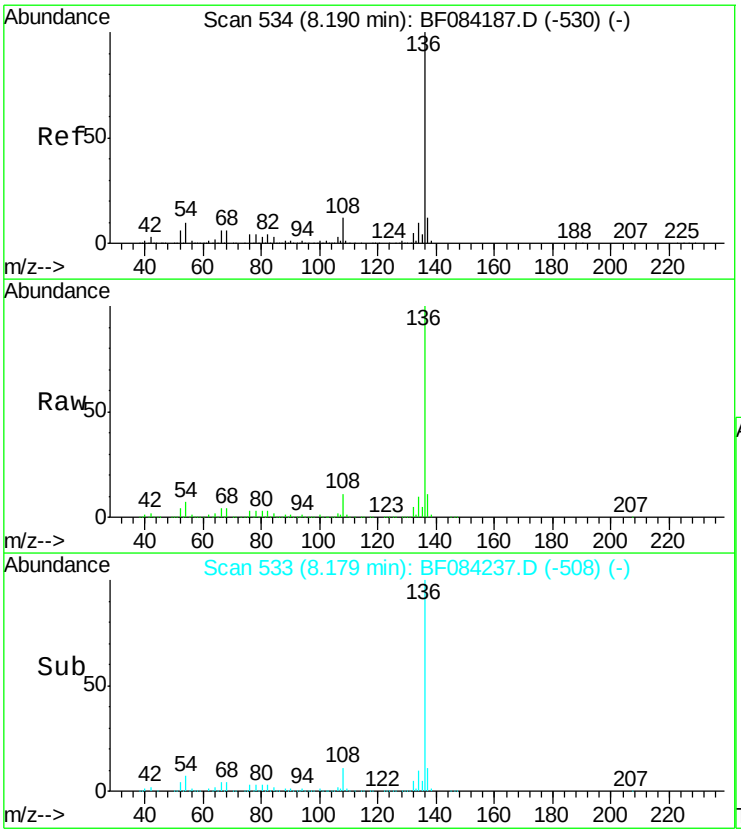
#19
n-Nitroso-di-n-propylamine
Concen: 18.99 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.14 min
Lab File: BF084237.D
Acq: 4 Jan 2016 14:27

Instrument :
BNA_F
ClientSampleId :
S8-0531

Tgt Ion: 70 Resp: 321268

Ion	Ratio	Lower	Upper
70	100		
42	51.8	33.3	49.9#
101	0.0	9.3	13.9#
130	2.0	23.4	35.0#

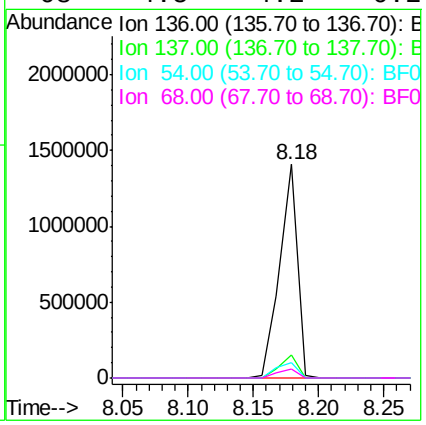


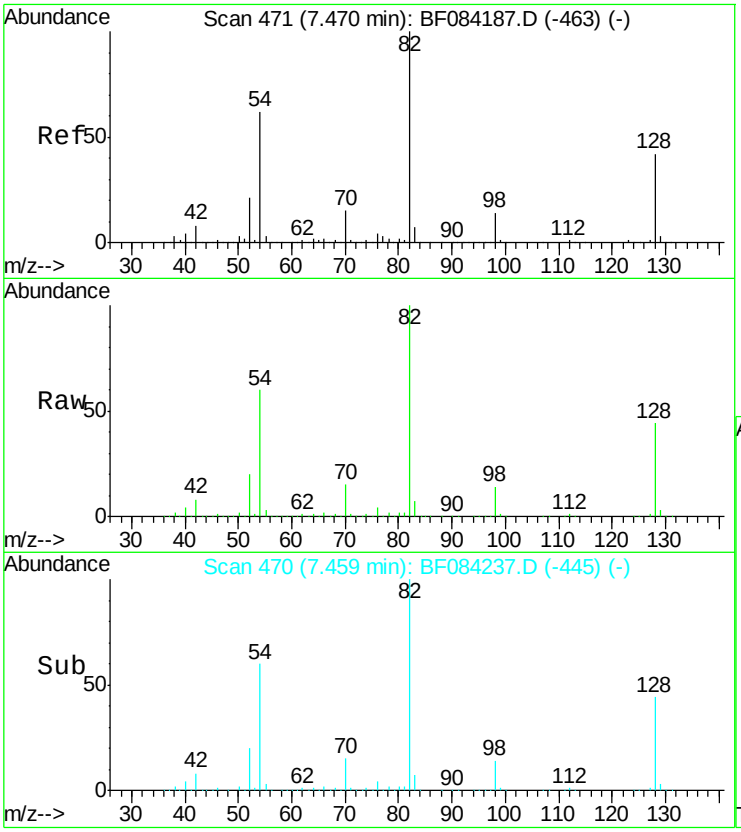


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF084237.D
Acq: 4 Jan 2016 14:27

Tgt Ion:136 Resp: 1359483

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.0	5.8	8.8
68	4.5	4.2	6.2



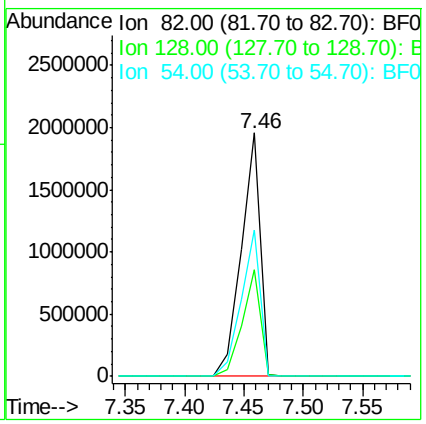


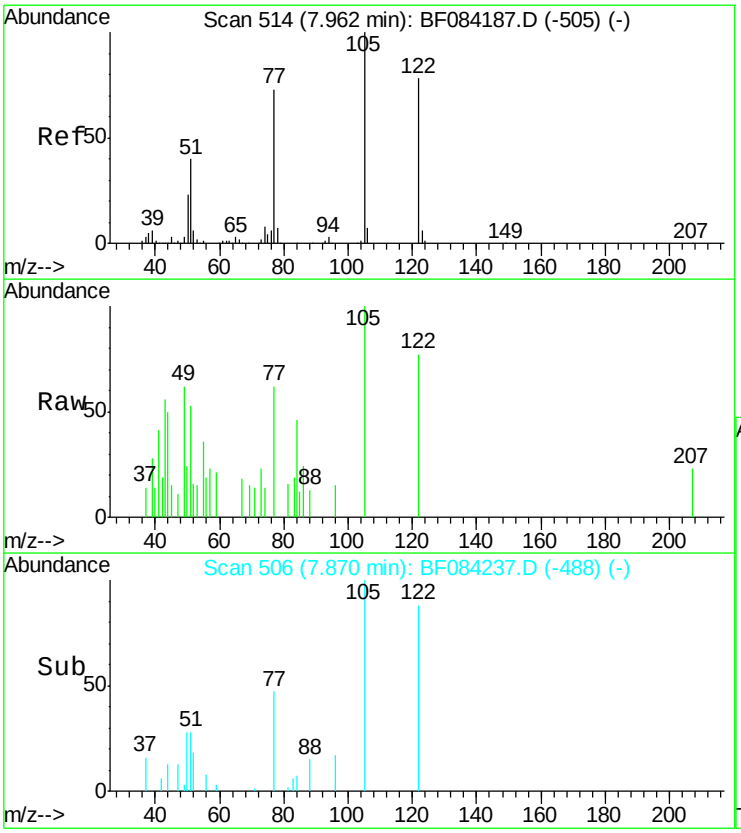
#23
Nitrobenzene-d5
Concen: 89.14 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF084237.D
Acq: 4 Jan 2016 14:27

Instrument :
BNA_F
ClientSampleId :
S8-0531

Tgt Ion: 82 Resp: 2177537

Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.6	51.8
54	60.1	38.4	57.6#

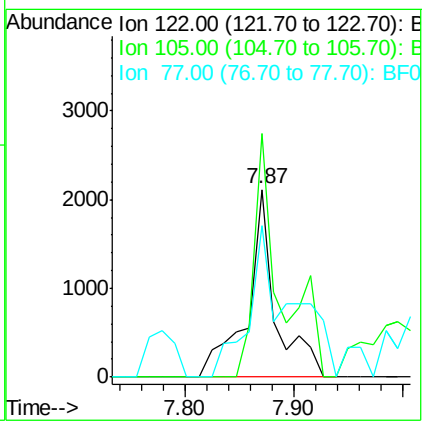


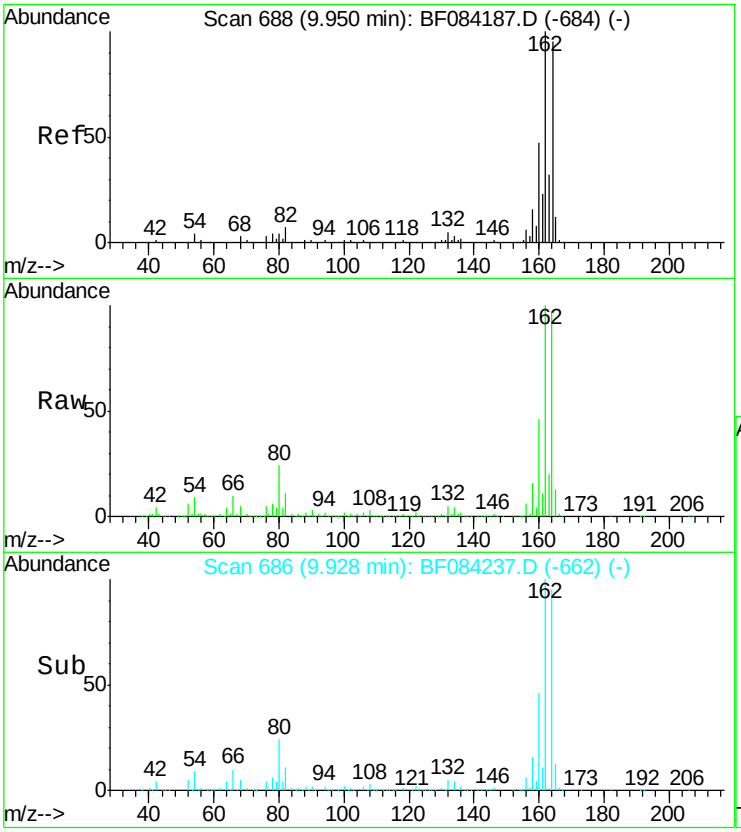


#32
Benzoic acid
Concen: 6.48 ng
RT: 7.87 min Scan# 506
Delta R.T. -0.09 min
Lab File: BF084237.D
Acq: 4 Jan 2016 14:27

Tgt Ion:122 Resp: 3850

Ion	Ratio	Lower	Upper
122	100		
105	129.6	100.3	140.3
77	80.6	63.5	103.5



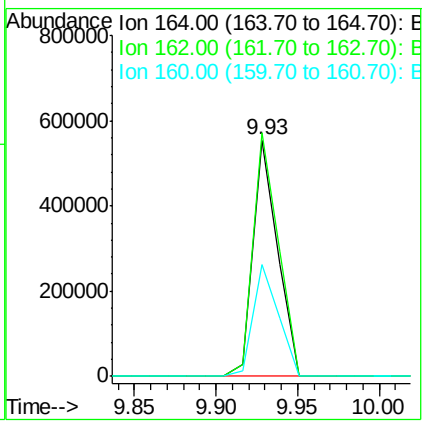


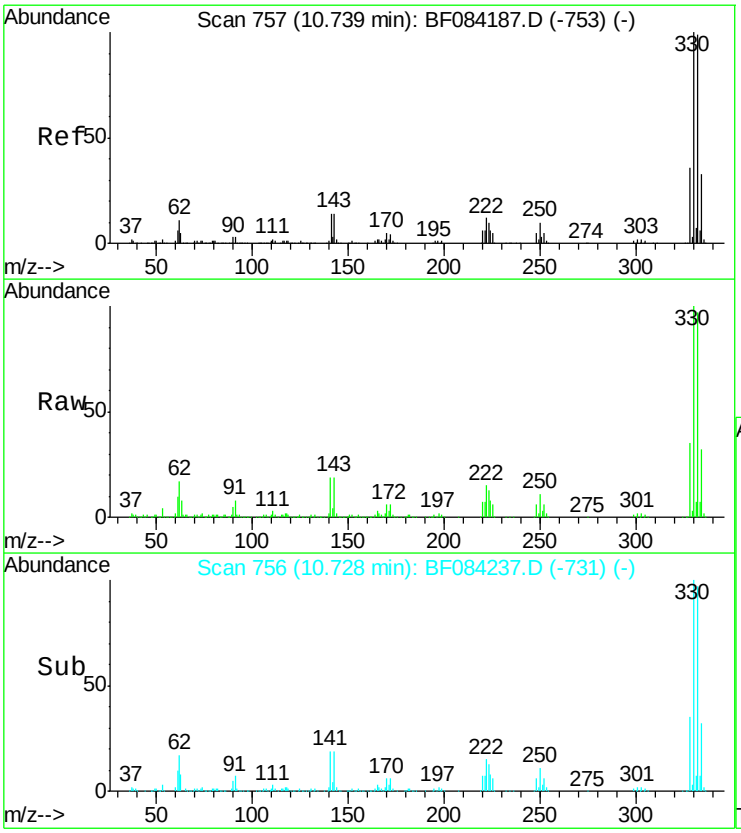
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.02 min
Lab File: BF084237.D
Acq: 4 Jan 2016 14:27

Instrument :
BNA_F
ClientSampleId :
S8-0531

Tgt Ion:164 Resp: 579759

Ion	Ratio	Lower	Upper
164	100		
162	103.1	85.1	127.7
160	47.6	37.5	56.3

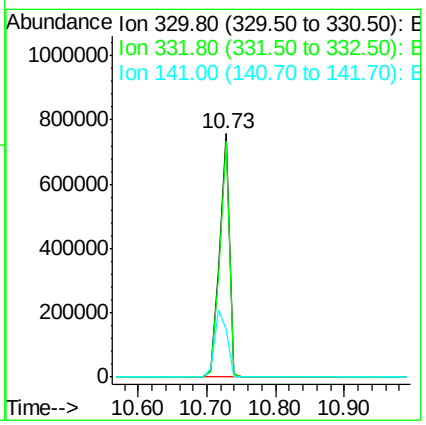


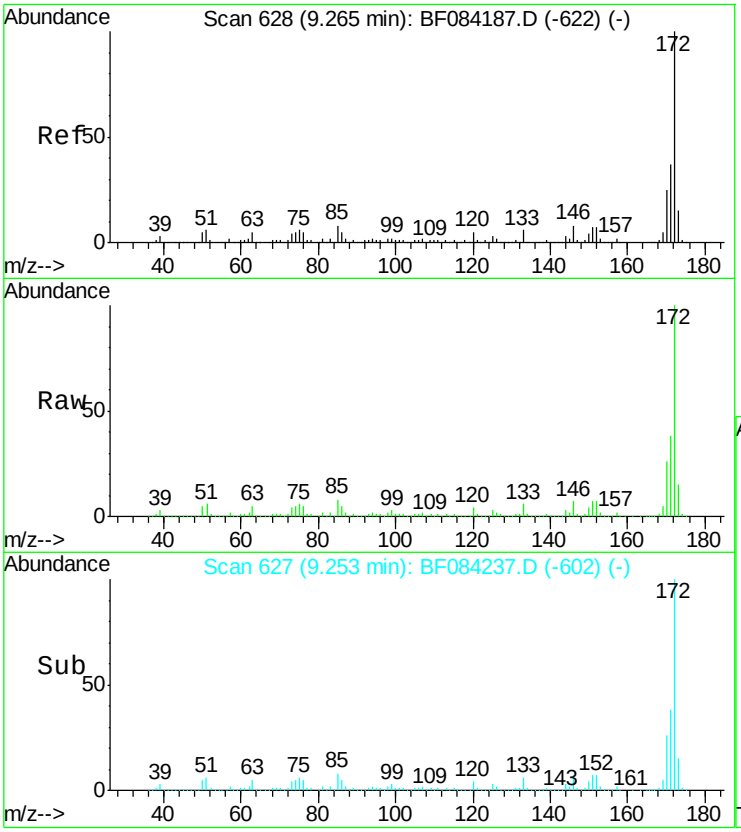


#41
2,4,6-Tribromophenol
Concen: 131.52 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF084237.D
Acq: 4 Jan 2016 14:27

Tgt Ion:330 Resp: 769801

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	114.8
141	34.3	27.8	41.6



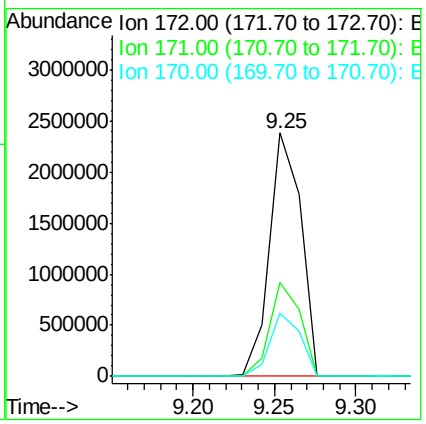


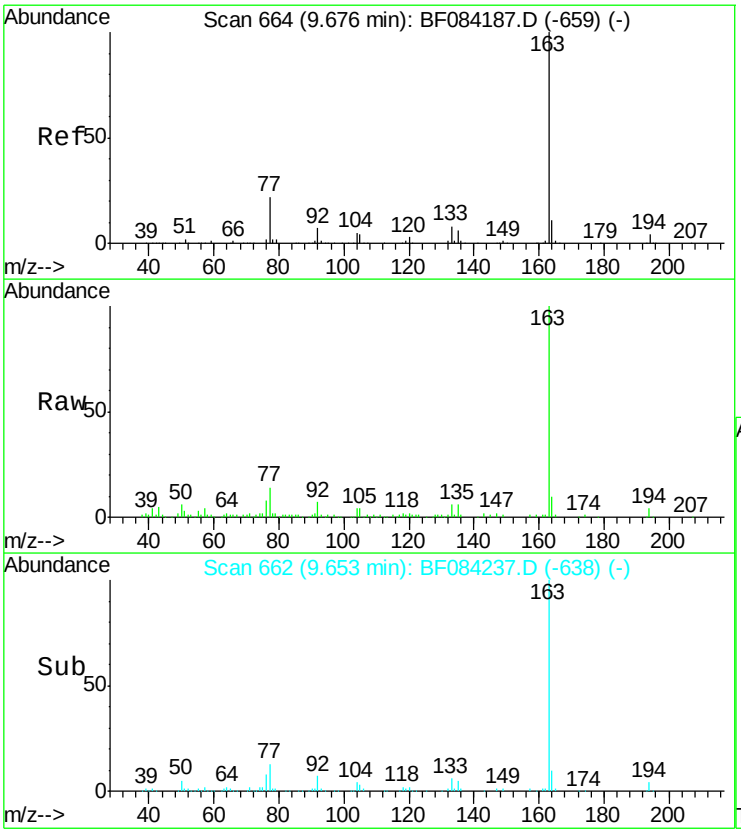
#44
2-Fluorobiphenyl
Concen: 98.68 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF084237.D
Acq: 4 Jan 2016 14:27

Instrument :
BNA_F
ClientSampleId :
S8-0531

Tgt Ion:172 Resp: 3218678

Ion	Ratio	Lower	Upper
172	100		
171	38.3	28.9	43.3
170	26.1	18.6	27.8

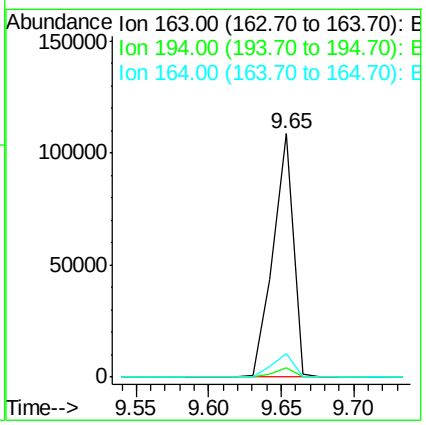


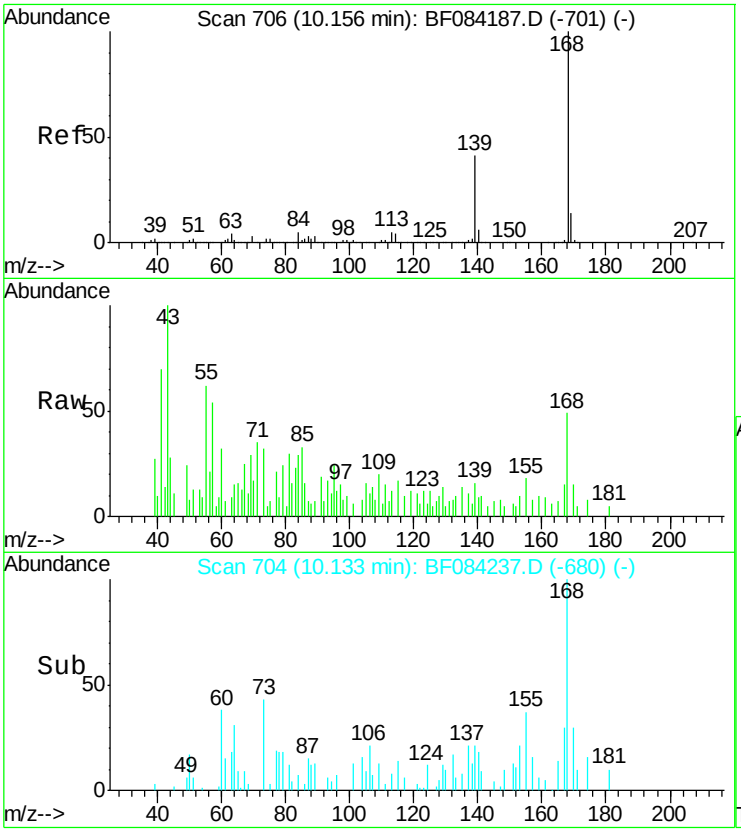


#49
Dimethylphthalate
Concen: 2.58 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF084237.D
Acq: 4 Jan 2016 14:27

Tgt Ion:163 Resp: 106928

Ion	Ratio	Lower	Upper
163	100		
194	4.1	8.0	12.0#
164	9.6	8.0	12.0



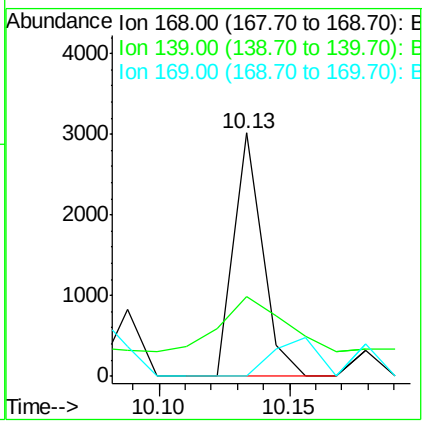


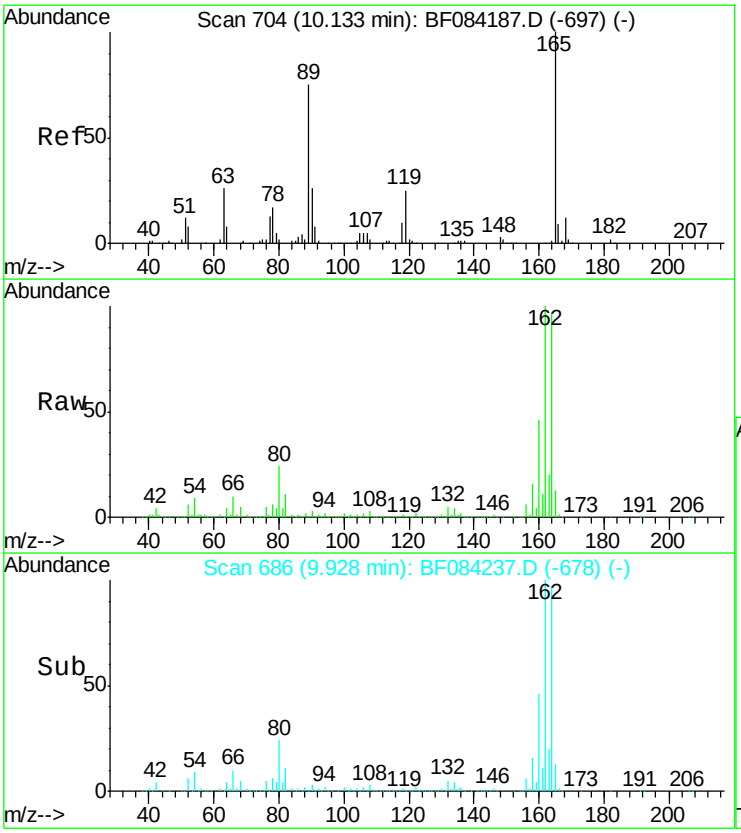
#54
Dibenzofuran
Concen: Below Cal
RT: 10.13 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF084237.D
Acq: 4 Jan 2016 14:27

Instrument :
BNA_F
ClientSampleId :
S8-0531

Tgt Ion:168 Resp: 2330

Ion	Ratio	Lower	Upper
168	100		
139	32.8	30.5	45.7
169	0.0	10.4	15.6#

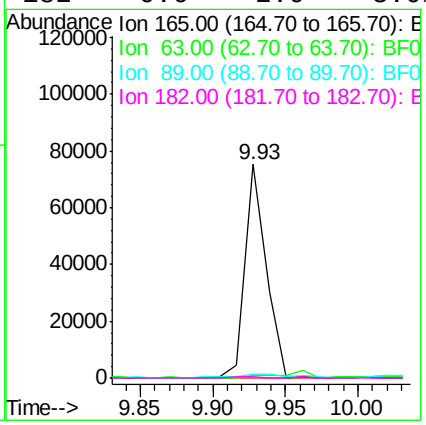


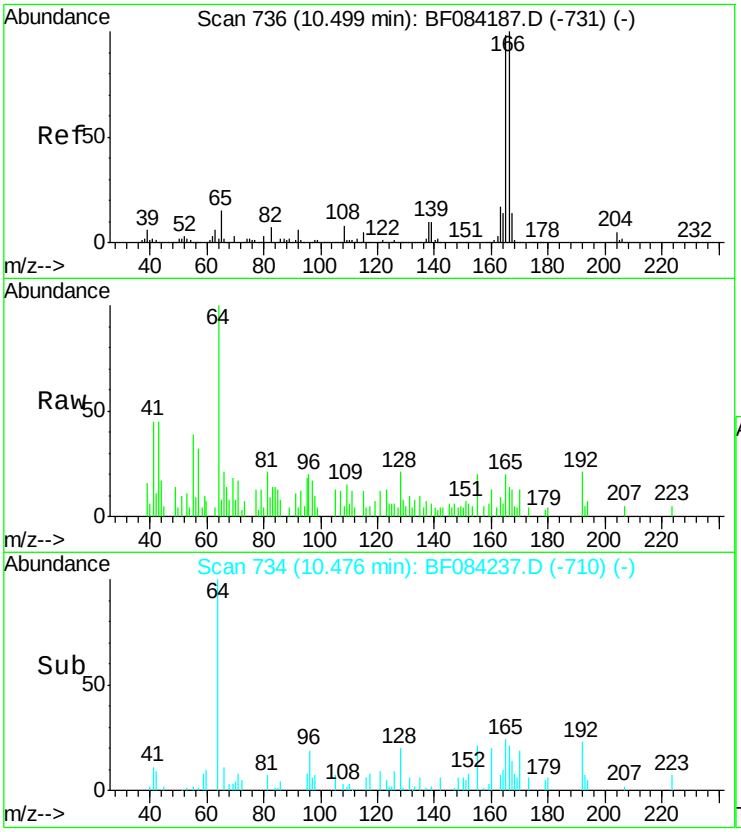


#56
2,4-Dinitrotoluene
Concen: 6.60 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.21 min
Lab File: BF084237.D
Acq: 4 Jan 2016 14:27

Tgt Ion:165 Resp: 75981

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.7	55.1#
89	2.0	61.9	92.9#
182	0.6	2.0	3.0#



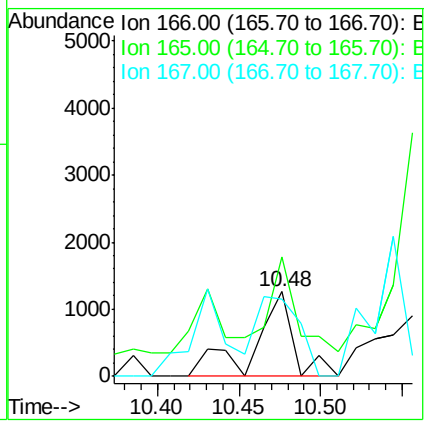


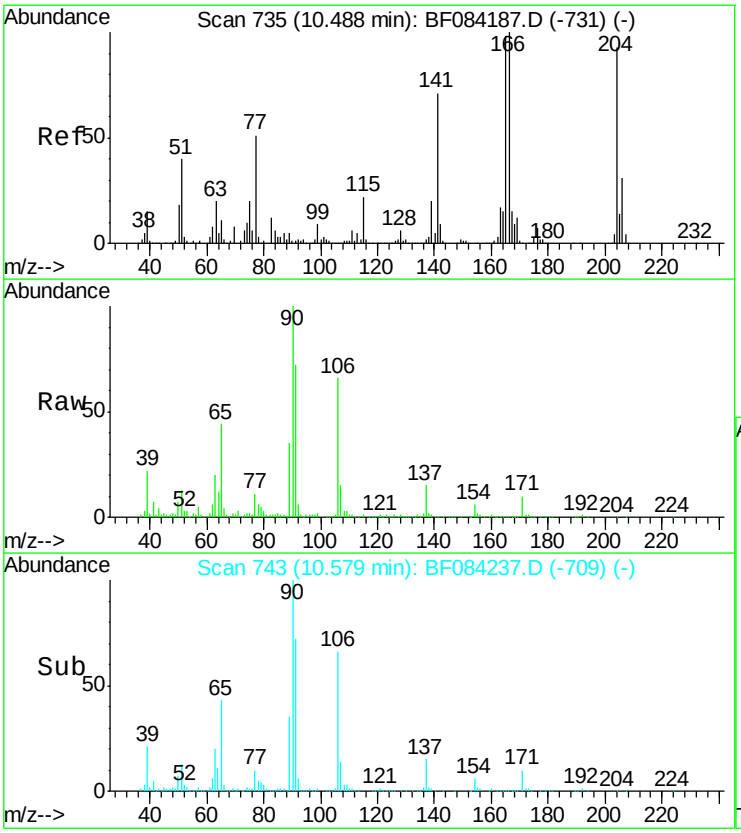
#57
Fluorene
Concen: Below Cal
RT: 10.48 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF084237.D
Acq: 4 Jan 2016 14:27

Instrument :
BNA_F
ClientSampleId :
S8-0531

Tgt Ion:166 Resp: 2128

Ion	Ratio	Lower	Upper
166	100		
165	141.4	79.1	118.7#
167	90.8	10.4	15.6#

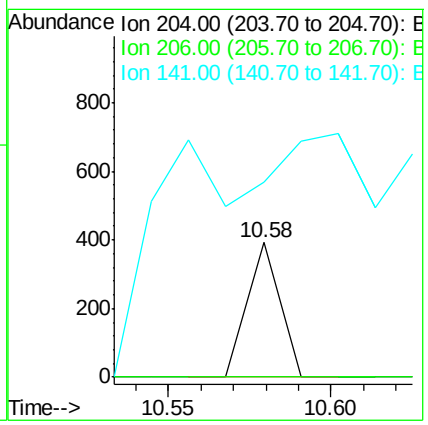


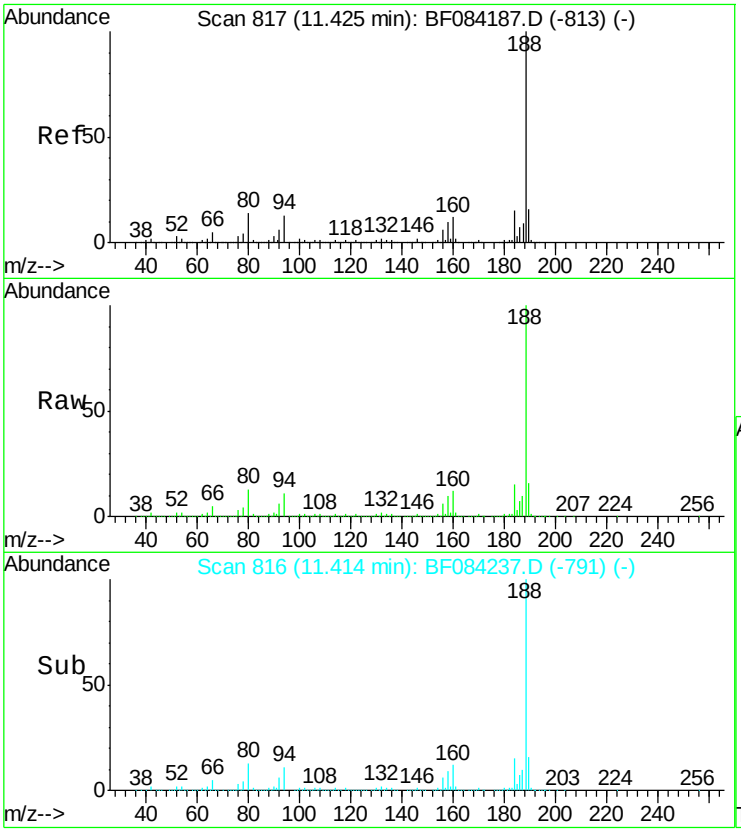


#60
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.58 min Scan# 743
Delta R.T. 0.09 min
Lab File: BF084237.D
Acq: 4 Jan 2016 14:27

Tgt Ion:204 Resp: 269

Ion	Ratio	Lower	Upper
204	100		
206	0.0	25.7	38.5#
141	144.8	55.1	82.7#



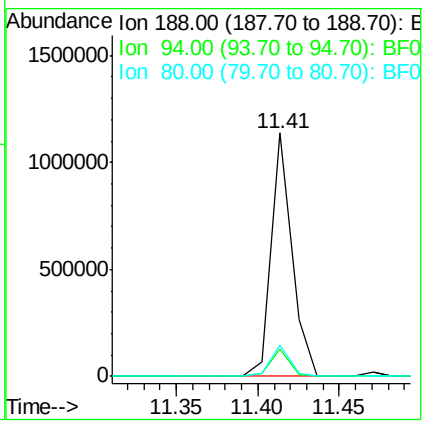


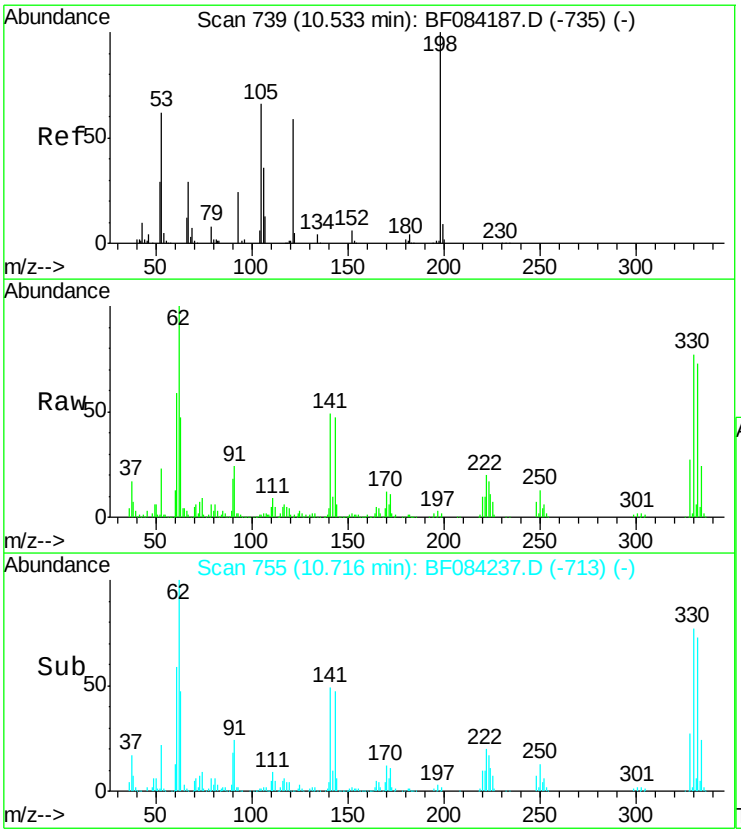
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF084237.D
Acq: 4 Jan 2016 14:27

Instrument :
BNA_F
ClientSampleId :
S8-0531

Tgt Ion:188 Resp: 1011176

Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.0	13.4
80	12.7	9.6	14.4

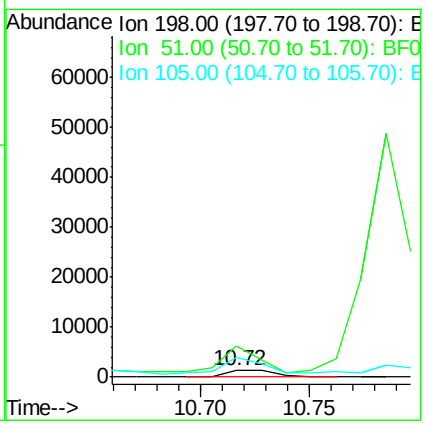


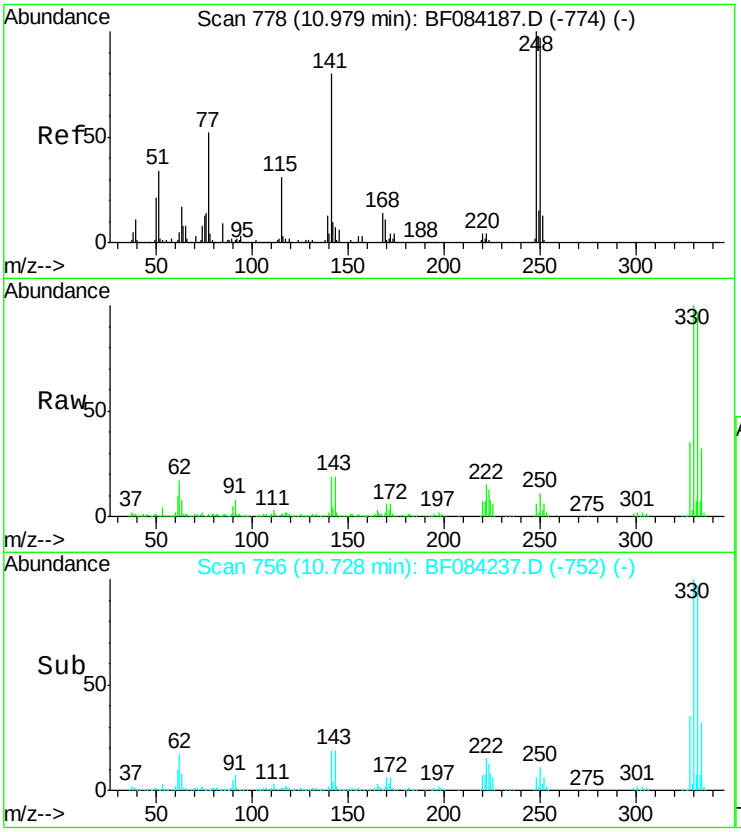


#64
4,6-Dinitro-2-methylphenol
Concen: 6.66 ng
RT: 10.72 min Scan# 755
Delta R.T. 0.18 min
Lab File: BF084237.D
Acq: 4 Jan 2016 14:27

Tgt Ion:198 Resp: 2024

Ion	Ratio	Lower	Upper
198	100		
51	479.2	18.9	58.9#
105	295.7	26.4	66.4#



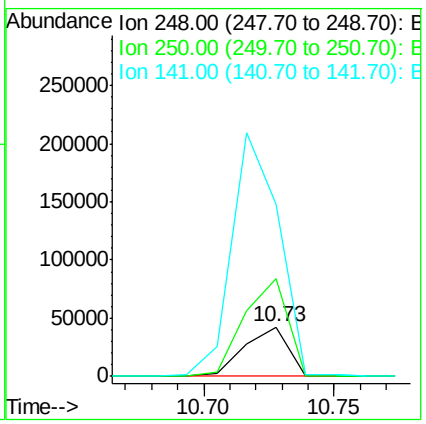


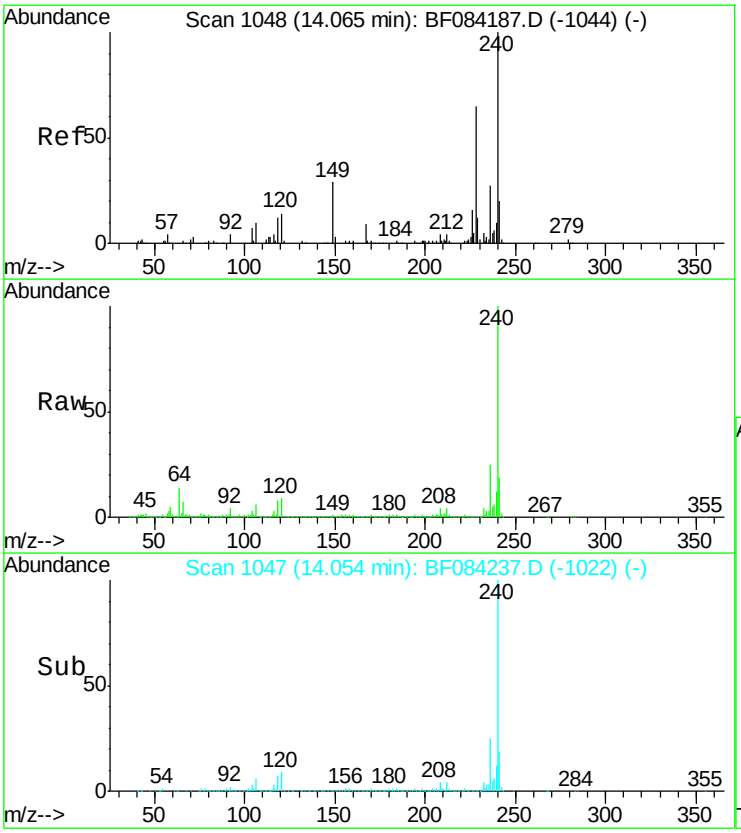
#66
4-Bromophenyl-phenylether
Concen: 4.60 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.25 min
Lab File: BF084237.D
Acq: 4 Jan 2016 14:27

Instrument :
BNA_F
ClientSampleId :
S8-0531

Tgt Ion:248 Resp: 50068

Ion	Ratio	Lower	Upper
248	100		
250	198.1	78.4	117.6#
141	347.6	44.0	66.0#

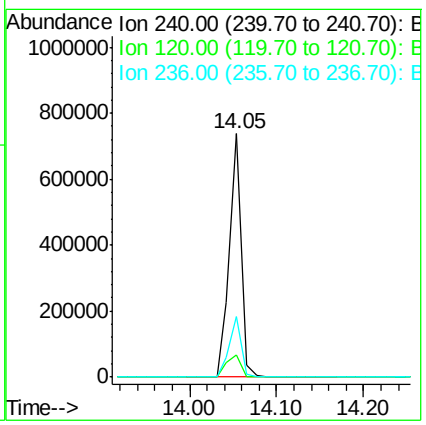


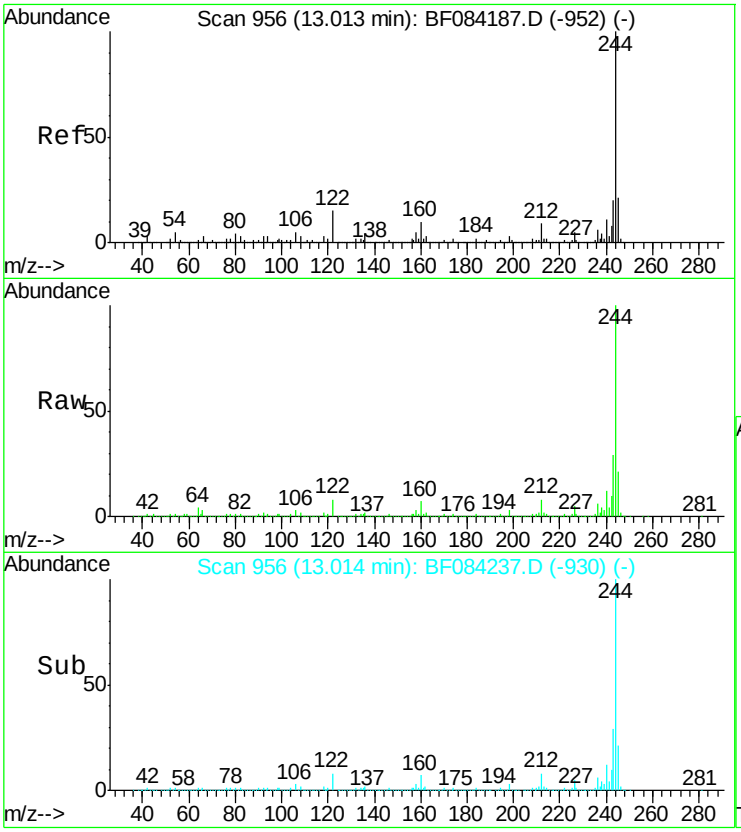


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF084237.D
Acq: 4 Jan 2016 14:27

Tgt Ion:240 Resp: 698636

Ion	Ratio	Lower	Upper
240	100		
120	8.9	9.5	14.3#
236	24.8	20.6	31.0



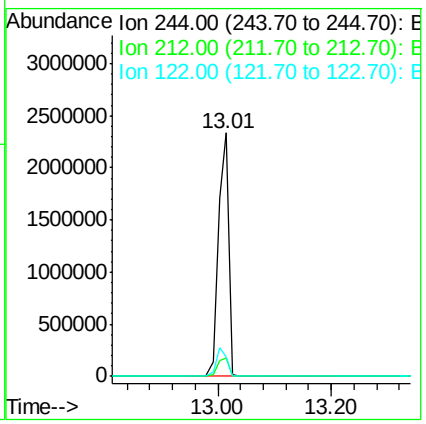


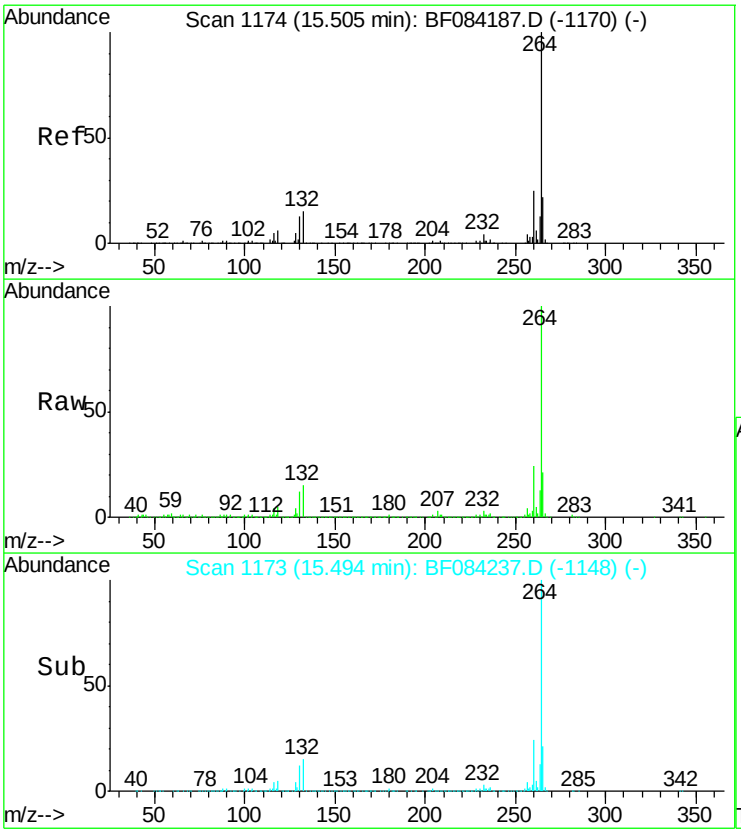
#78
Terphenyl-d14
Concen: 92.59 ng
RT: 13.01 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF084237.D
Acq: 4 Jan 2016 14:27

Instrument :
BNA_F
ClientSampleId :
S8-0531

Tgt Ion:244 Resp: 2897809

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.7	8.5
122	8.0	7.4	11.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF084237.D
Acq: 4 Jan 2016 14:27

Tgt Ion:264 Resp: 601348

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.2	17.8	26.6