Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052016\
Data File : BF087260.D
Acq On : 21 May 2016 9:08
Operator : UM/SJ
Sample : H3167-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAV-RMW-4

Quant Time: May 23 00:57:22 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	121340	20.00	ng	-0.05
21) Naphthalene-d8	7.84	136	529041	20.00	ng	-0.06
38) Acenaphthene-d10	9.59	164	258413	20.00	ng	-0.06
63) Phenanthrene-d10	11.06	188	450333	20.00	ng	-0.06
75) Chrysene-d12	13.69	240	325766	20.00	ng	-0.07
86) Perylene-d12	15.04	264	236866	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	528887	73.26	ng	-0.06
7) Phenol-d6	6.23	99	426376	44.04	ng	-0.06
23) Nitrobenzene-d5	7.13	82	918285	86.51	ng	-0.06
41) 2,4,6-Tribromophenol	10.39	330	334258	117.05	ng	-0.06
44) 2-Fluorobiphenyl	8.92	172	1573838	100.87	ng	-0.06
78) Terphenyl-d14	12.65	244	1217235	84.52	ng	-0.06
Target Compounds						Qvalue
9) Benzaldehyde	6.33	77	27479	3.95	ng	# 77
15) Benzyl Alcohol	6.71	79	16836	2.34	ng	# 42
19) n-Nitroso-di-n-propylamine	7.13	70	129111	17.54	ng	# 72
25) Isophorone	7.13	82	882774	45.43	ng	# 68
50) 2,6-Dinitrotoluene	9.59	165	32509	7.59	ng	# 21
56) 2,4-Dinitrotoluene	9.59	165	32509	5.93	ng	# 16
66) 4-Bromophenyl-phenylether	10.38	248	20714	4.47	ng	# 1
76) Benzidine	12.65	184	19650	2.56	ng	# 94

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

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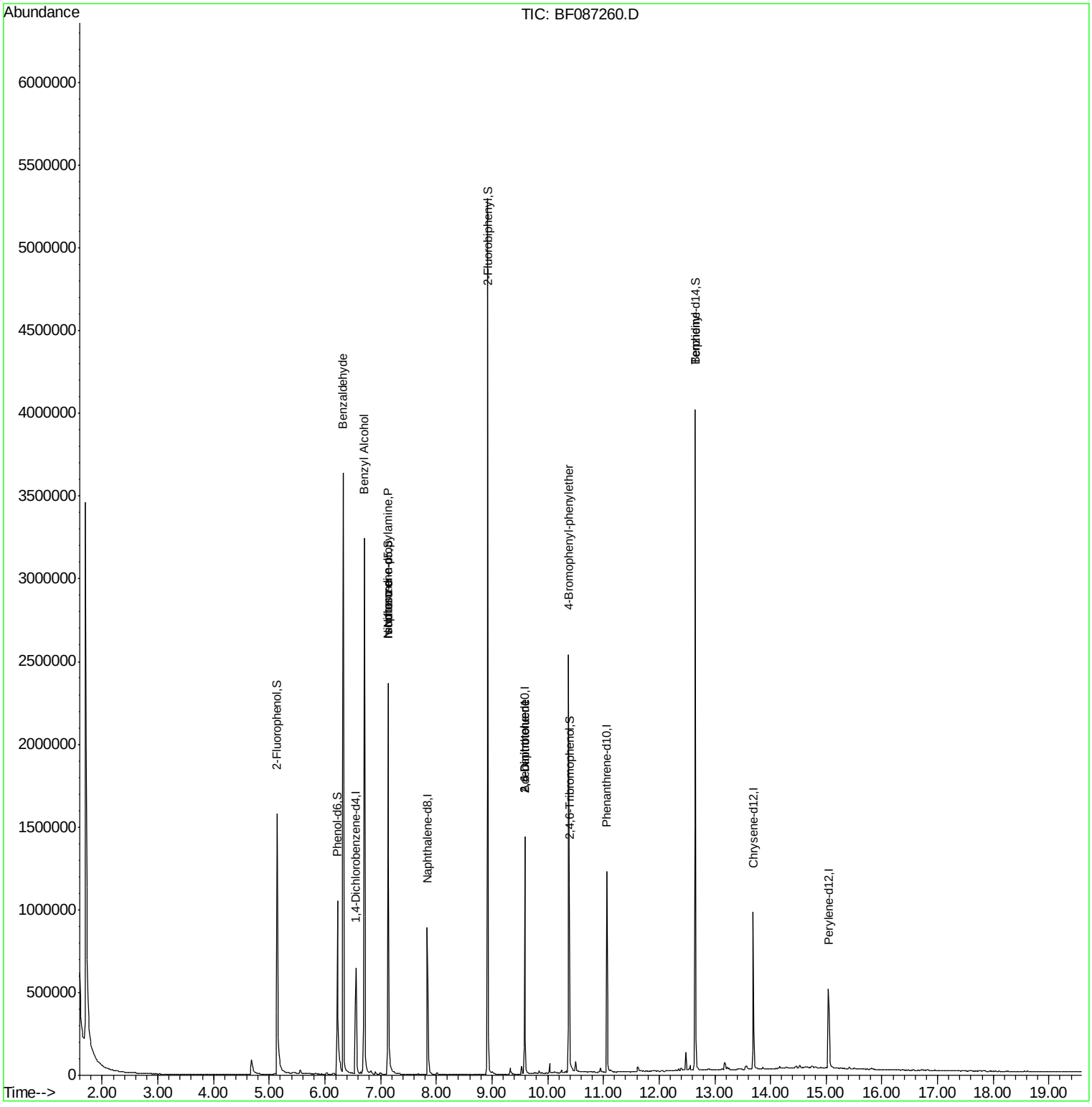
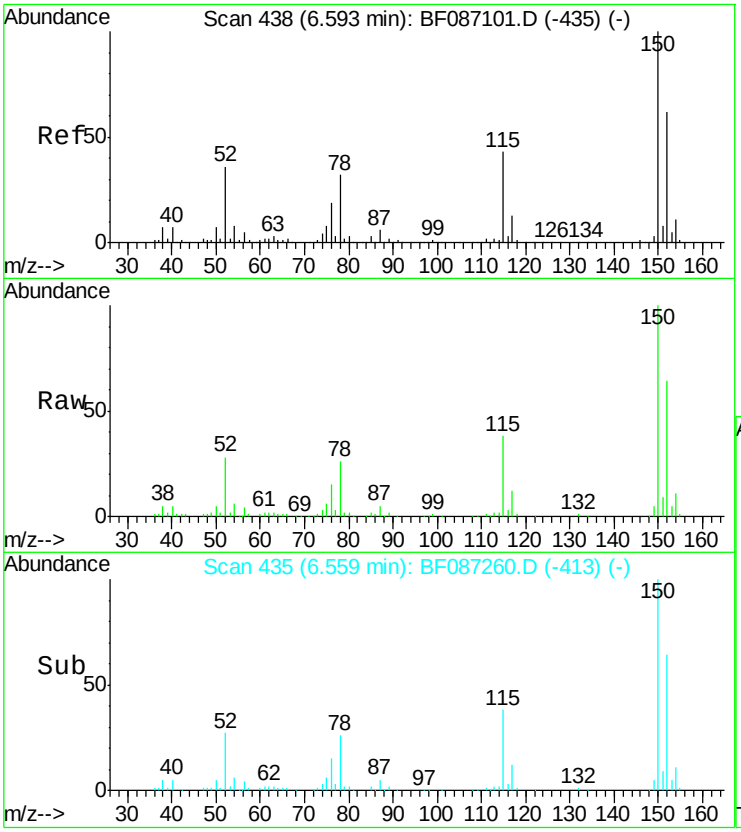


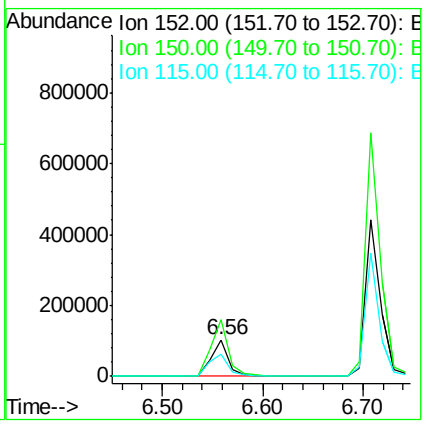


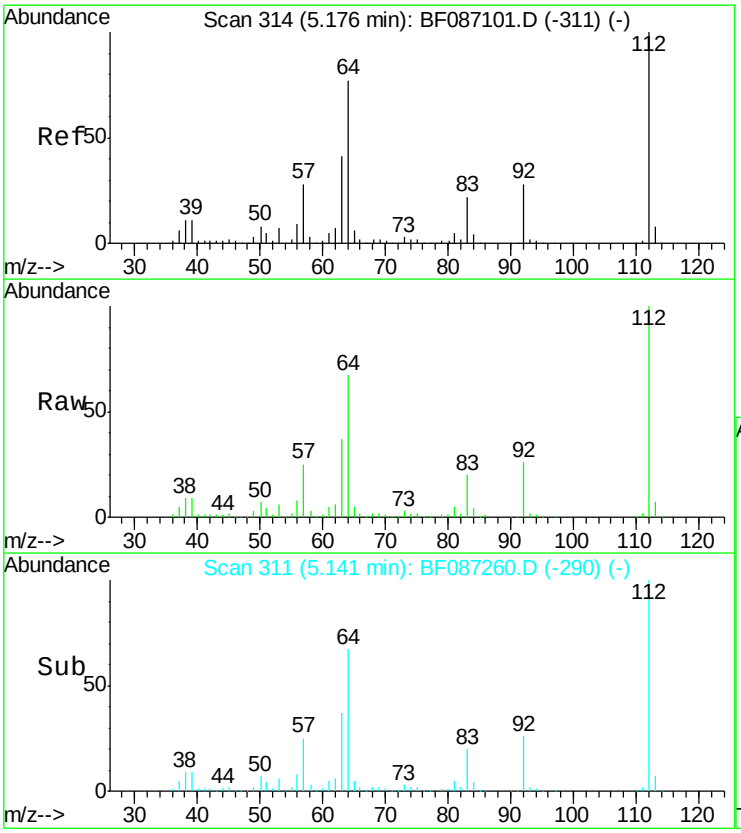
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.05 min
Lab File: BF087260.D
Acq: 21 May 2016 9:08

Instrument :
BNA_F
ClientSampleId :
RAV-RMW-4

Tgt Ion:152 Resp: 121340

Ion	Ratio	Lower	Upper
152	100		
150	156.1	125.8	188.6
115	59.8	51.5	77.3

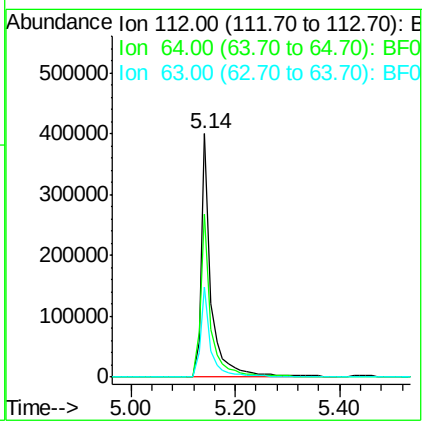


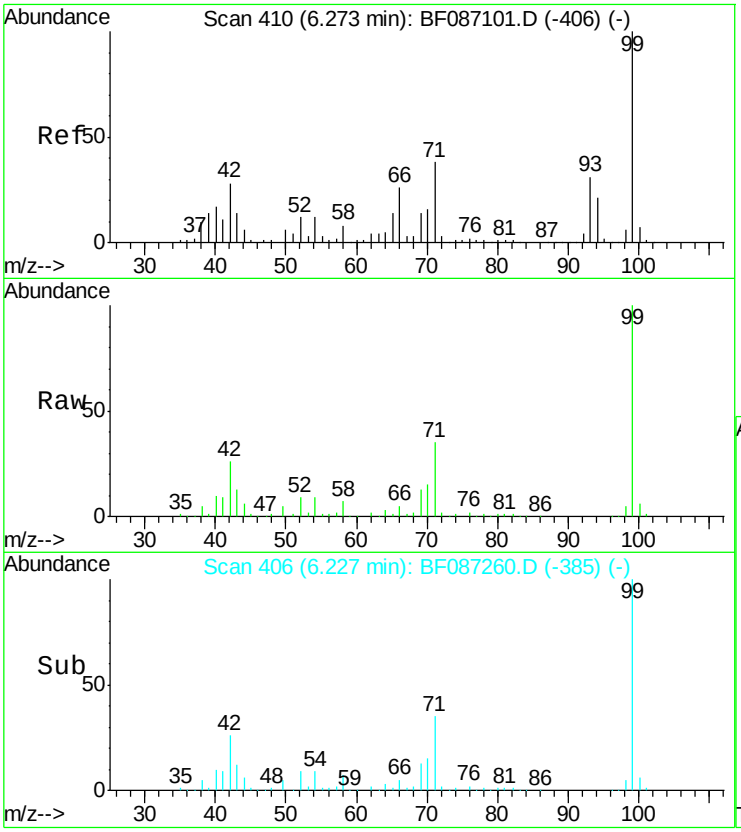


#5
2-Fluorophenol
Concen: 73.26 ng
RT: 5.14 min Scan# 311
Delta R.T. -0.06 min
Lab File: BF087260.D
Acq: 21 May 2016 9:08

Tgt Ion:112 Resp: 528887

Ion	Ratio	Lower	Upper
112	100		
64	66.7	52.1	78.1
63	36.8	25.7	38.5



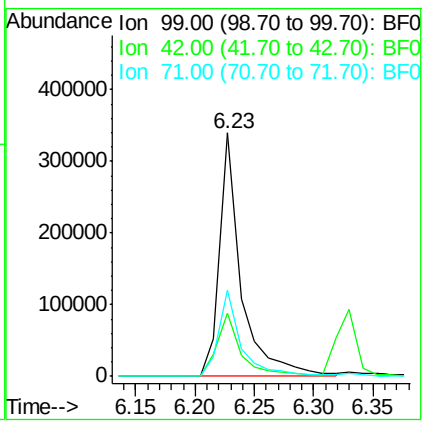


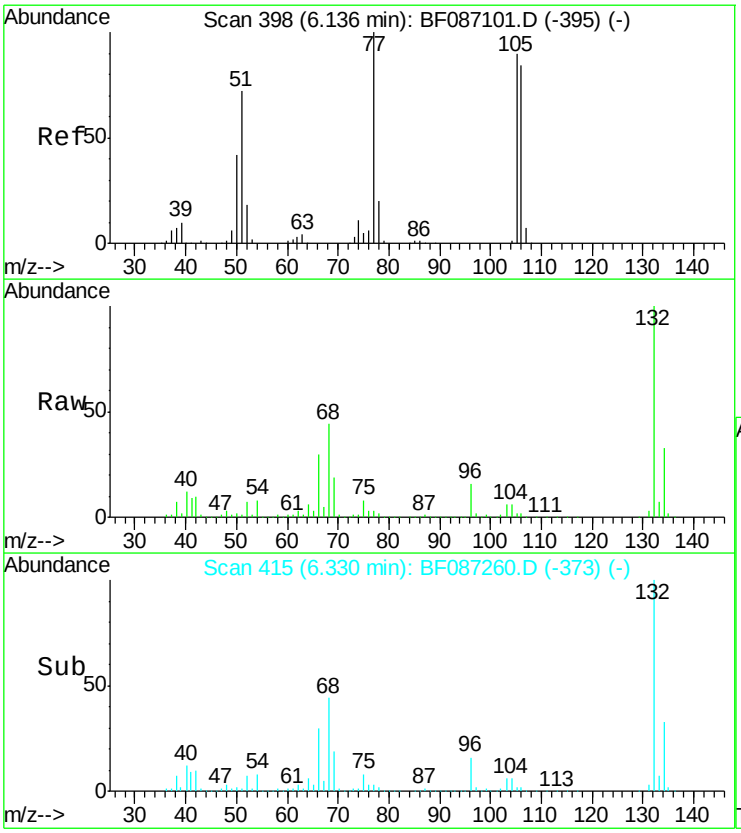
#7
Phenol-d6
Concen: 44.04 ng
RT: 6.23 min Scan# 406
Delta R.T. -0.06 min
Lab File: BF087260.D
Acq: 21 May 2016 9:08

Instrument :
BNA_F
ClientSampleId :
RAV-RMW-4

Tgt Ion: 99 Resp: 426376

Ion	Ratio	Lower	Upper
99	100		
42	26.0	13.6	20.4#
71	35.4	24.6	36.8

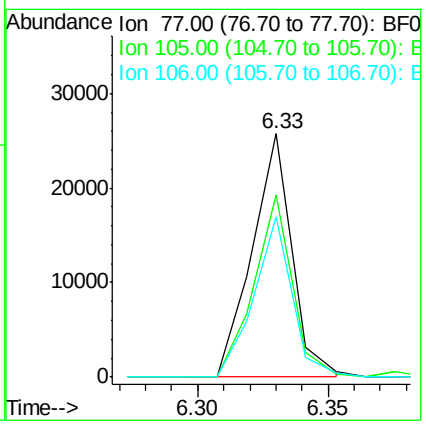


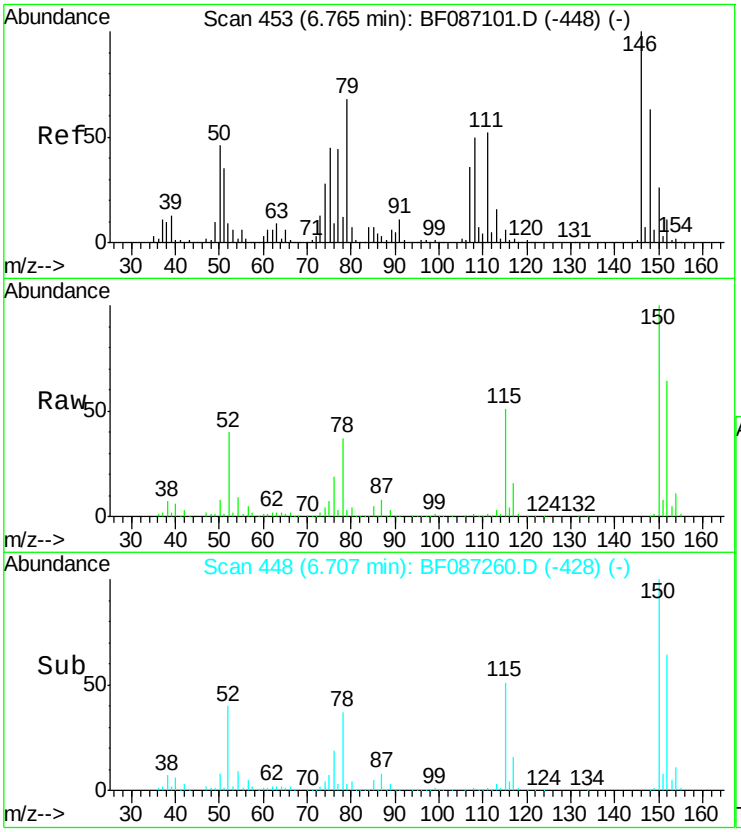


#9
Benzaldehyde
Concen: 3.95 ng
RT: 6.33 min Scan# 415
Delta R.T. 0.18 min
Lab File: BF087260.D
Acq: 21 May 2016 9:08

Tgt Ion: 77 Resp: 27479

Ion	Ratio	Lower	Upper
77	100		
105	74.8	72.7	112.7
106	65.7	70.8	110.8#



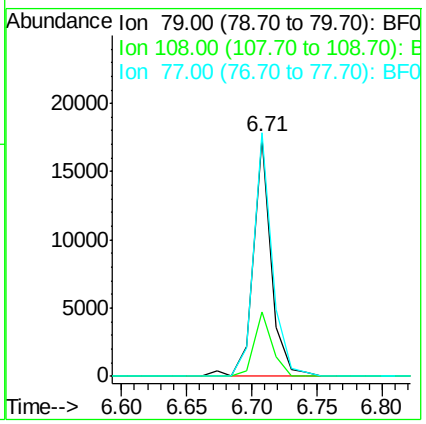


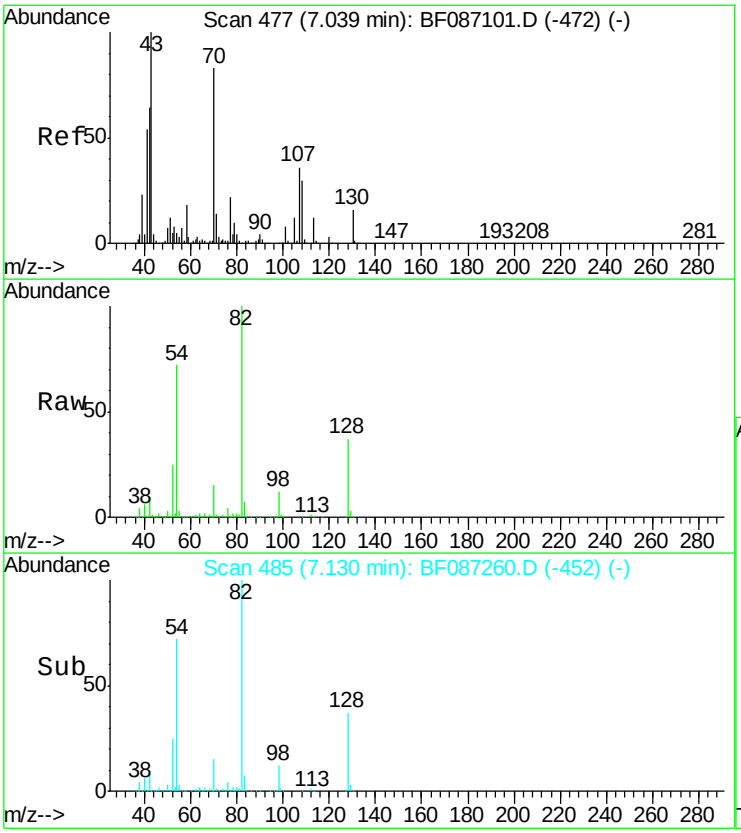
#15
Benzyl Alcohol
Concen: 2.34 ng
RT: 6.71 min Scan# 448
Delta R.T. -0.07 min
Lab File: BF087260.D
Acq: 21 May 2016 9:08

Instrument :
BNA_F
ClientSampleId :
RAV-RMW-4

Tgt Ion: 79 Resp: 16836

Ion	Ratio	Lower	Upper
79	100		
108	27.2	68.4	102.6#
77	101.9	50.6	76.0#

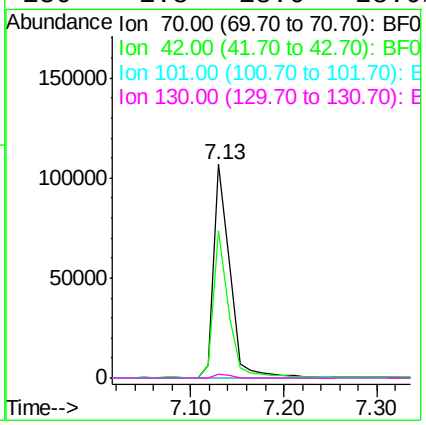


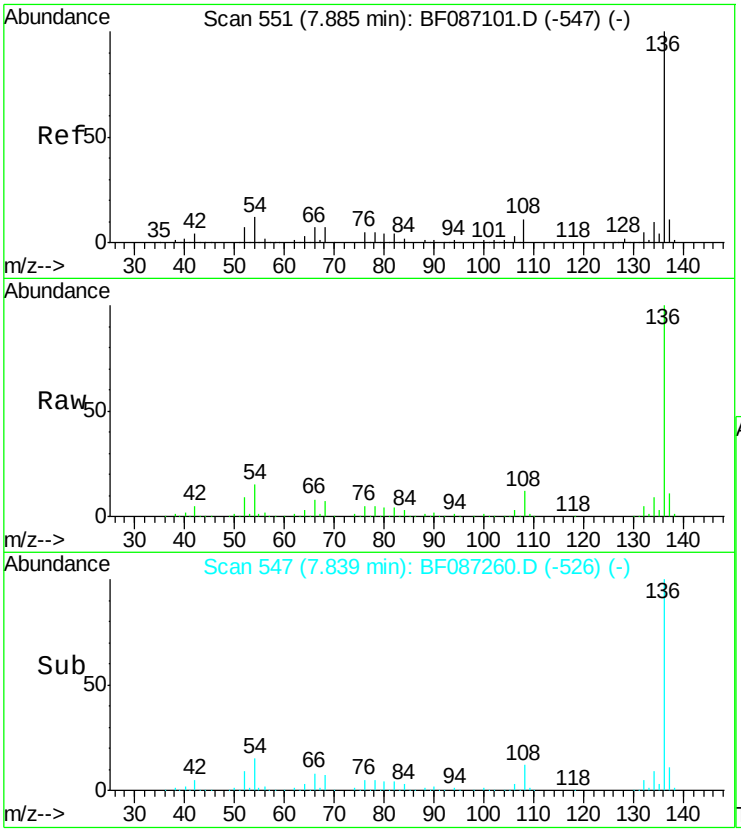


#19
n-Nitroso-di-n-propylamine
Concen: 17.54 ng
RT: 7.13 min Scan# 485
Delta R.T. 0.08 min
Lab File: BF087260.D
Acq: 21 May 2016 9:08

Tgt Ion: 70 Resp: 129111

Ion	Ratio	Lower	Upper
70	100		
42	68.9	43.1	64.7#
101	0.0	8.1	12.1#
130	1.8	18.6	28.0#



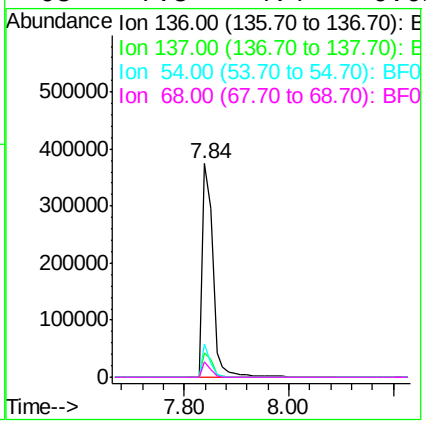


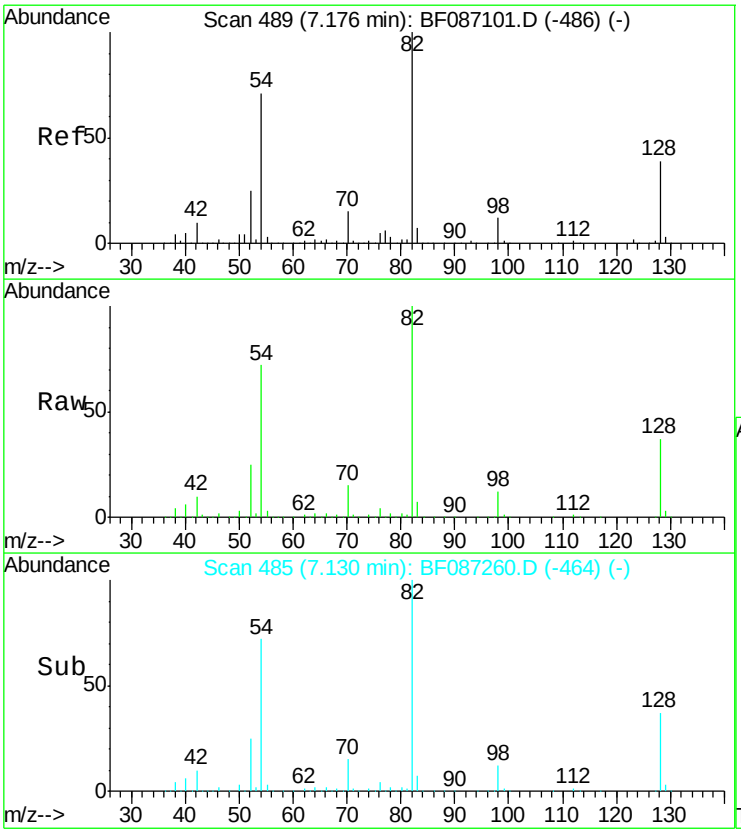
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.06 min
Lab File: BF087260.D
Acq: 21 May 2016 9:08

Instrument :
BNA_F
ClientSampleId :
RAV-RMW-4

Tgt Ion:136 Resp: 529041

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	15.3	5.0	7.4#
68	7.3	4.4	6.6#





#23
Nitrobenzene-d5
Concen: 86.51 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.06 min
Lab File: BF087260.D
Acq: 21 May 2016 9:08

Tgt Ion: 82 Resp: 918285

Ion	Ratio	Lower	Upper
82	100		
128	36.7	40.6	61.0#
54	72.1	38.1	57.1#