Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
Data File : BF087196.D
Acq On : 19 May 2016 19:37
Operator : UM/SJ
Sample : H3143-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2-RAMP-AC(0-2)

Quant Time: May 20 02:34:05 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	6.57	152	143495	20.00	ng	-0.03
21) Naphthalene-d8	7.85	136	605509	20.00	ng	-0.05
38) Acenaphthene-d10	9.60	164	293498	20.00	ng	-0.05
63) Phenanthrene-d10	11.07	188	535614	20.00	ng	-0.05
75) Chrysene-d12	13.70	240	380900	20.00	ng	-0.06
86) Perylene-d12	15.05	264	299103	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	962107	112.70	ng	-0.05
7) Phenol-d6	6.24	99	1453351	126.93	ng	-0.05
23) Nitrobenzene-d5	7.14	82	871658	71.74	ng	-0.05
41) 2,4,6-Tribromophenol	10.39	330	286431	88.31	ng	-0.06
44) 2-Fluorobiphenyl	8.94	172	1340169	75.62	ng	-0.05
78) Terphenyl-d14	12.66	244	1037120	61.59	ng	-0.05
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.14	70	122747	14.10	ng	# 73
25) Isophorone	7.14	82	705804	31.73	ng	# 68
49) Dimethylphthalate	9.34	163	161018	7.19	ng	99
56) 2,4-Dinitrotoluene	9.60	165	37391	6.01	ng	# 16
66) 4-Bromophenyl-phenylether	10.39	248	17538	3.18	ng	# 1
76) Benzidine	12.66	184	16860	2.14	ng	# 95

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

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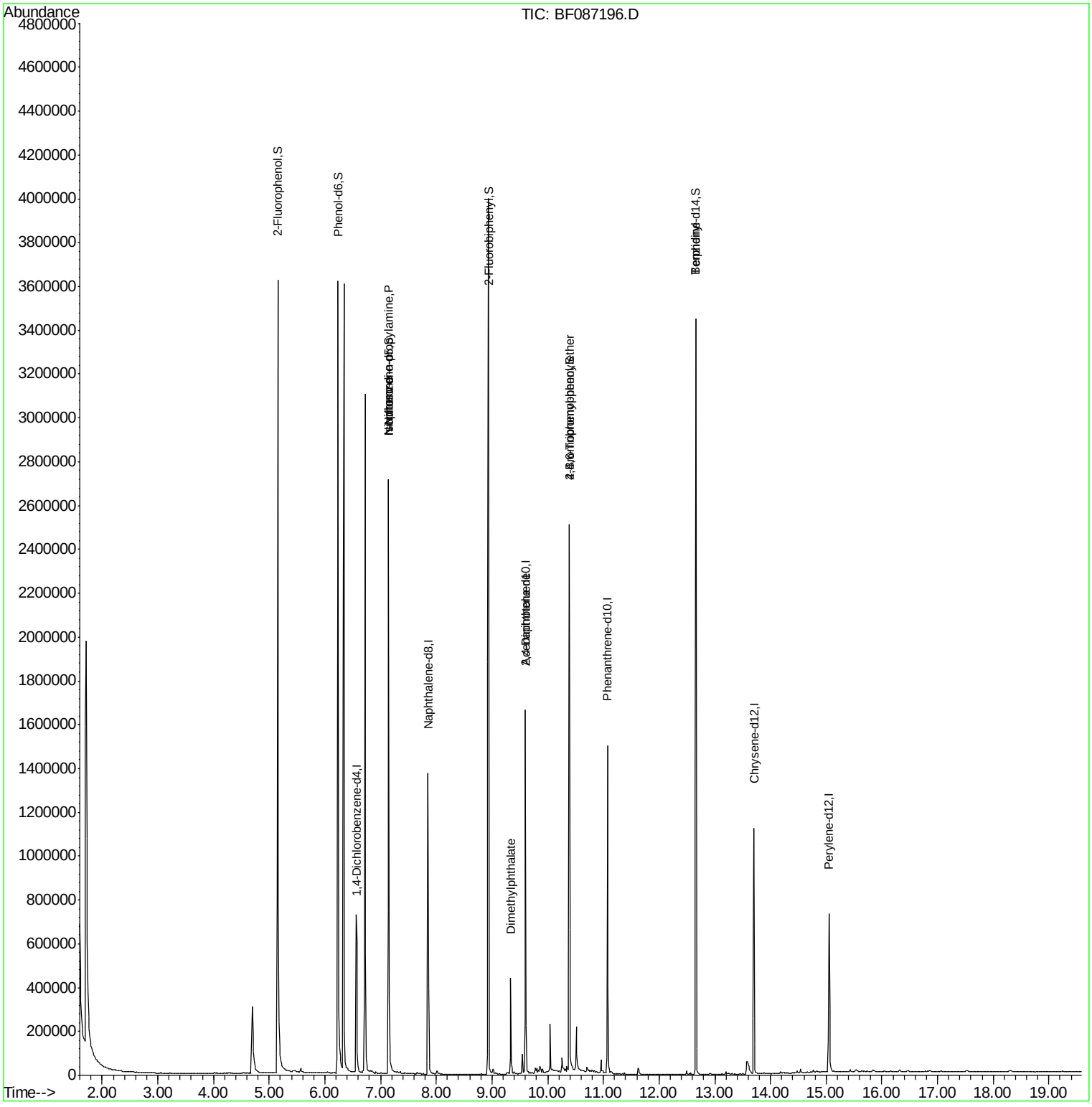
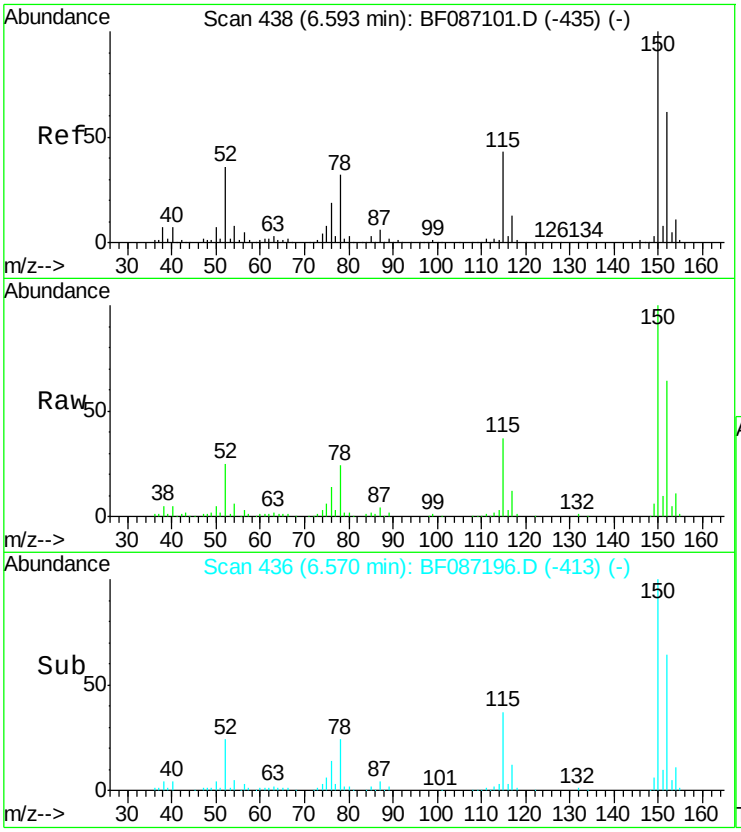


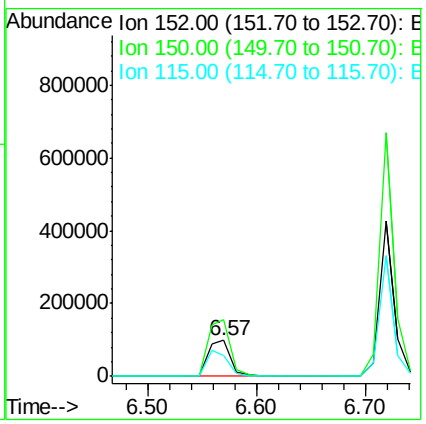


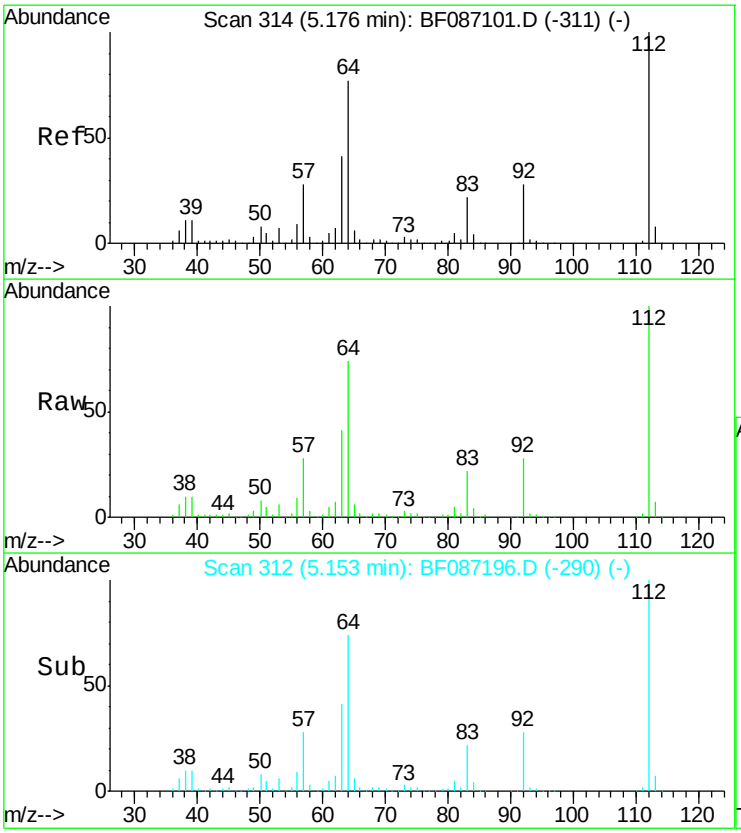
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.57 min Scan# 436
Delta R.T. -0.03 min
Lab File: BF087196.D
Acq: 19 May 2016 19:37

Instrument :
BNA_F
ClientSampleId :
2-RAMP-AC(0-2)

Tgt Ion:152 Resp: 143495

Ion	Ratio	Lower	Upper
152	100		
150	155.5	125.8	188.6
115	58.1	51.5	77.3

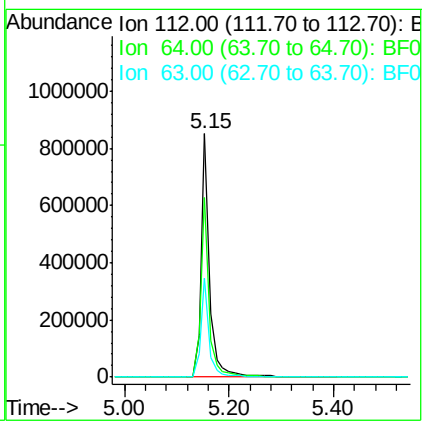


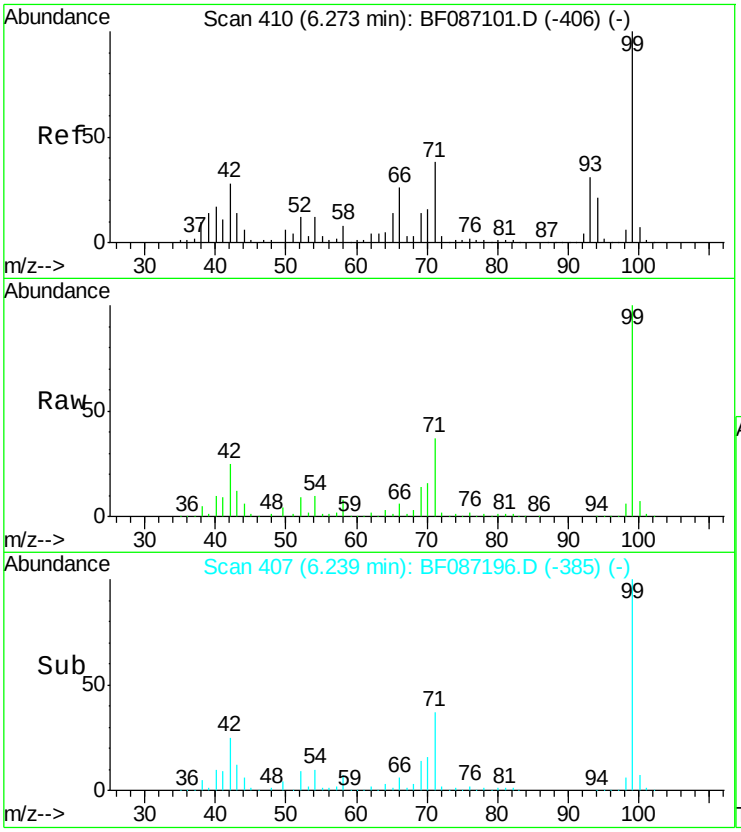


#5
2-Fluorophenol
Concen: 112.70 ng
RT: 5.15 min Scan# 312
Delta R.T. -0.05 min
Lab File: BF087196.D
Acq: 19 May 2016 19:37

Tgt Ion:112 Resp: 962107

Ion	Ratio	Lower	Upper
112	100		
64	74.0	52.1	78.1
63	40.8	25.7	38.5#



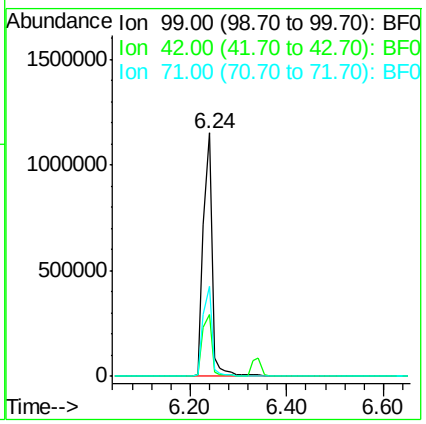


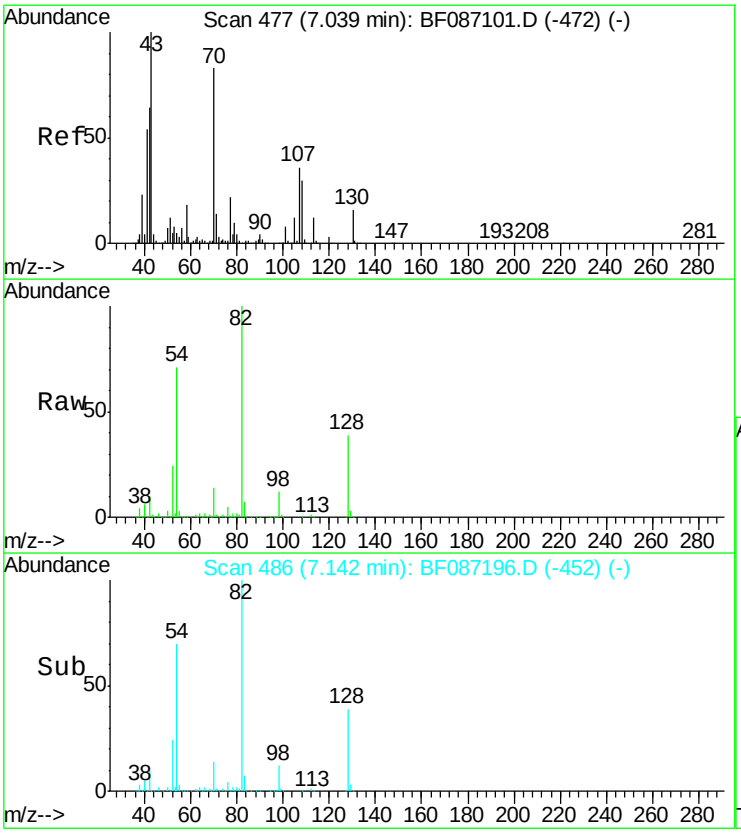
#7
Phenol-d6
Concen: 126.93 ng
RT: 6.24 min Scan# 407
Delta R.T. -0.05 min
Lab File: BF087196.D
Acq: 19 May 2016 19:37

Instrument :
BNA_F
ClientSampleId :
2-RAMP-AC(0-2)

Tgt Ion: 99 Resp: 1453351

Ion	Ratio	Lower	Upper
99	100		
42	25.4	13.6	20.4#
71	37.2	24.6	36.8#

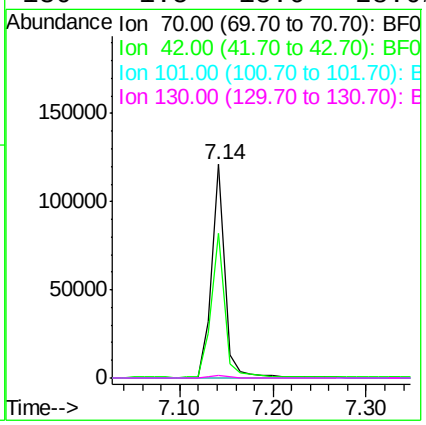


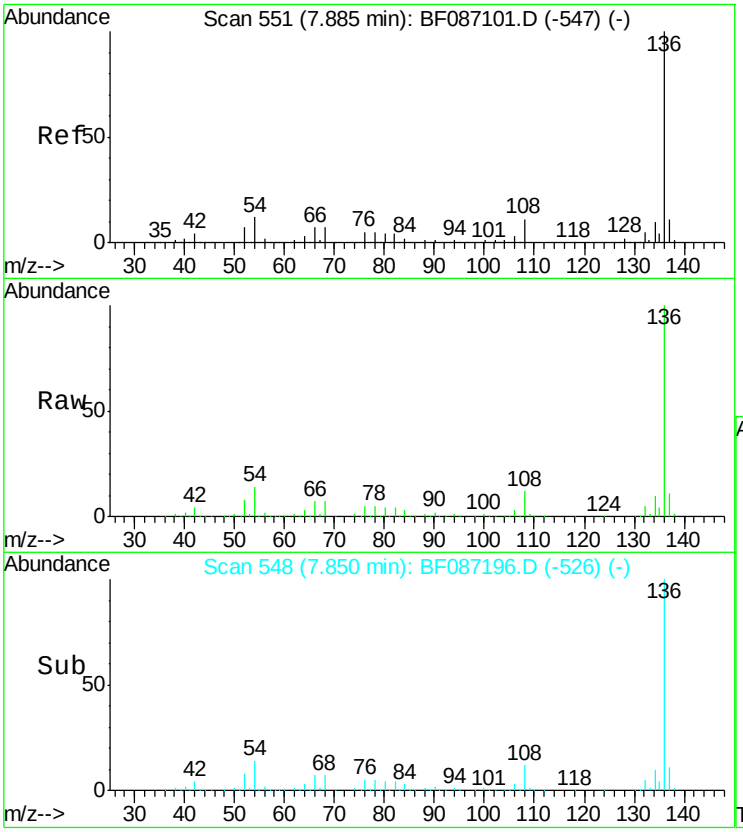


#19
n-Nitroso-di-n-propylamine
Concen: 14.10 ng
RT: 7.14 min Scan# 486
Delta R.T. 0.09 min
Lab File: BF087196.D
Acq: 19 May 2016 19:37

Tgt Ion: 70 Resp: 122747

Ion	Ratio	Lower	Upper
70	100		
42	67.5	43.1	64.7#
101	0.0	8.1	12.1#
130	1.5	18.6	28.0#



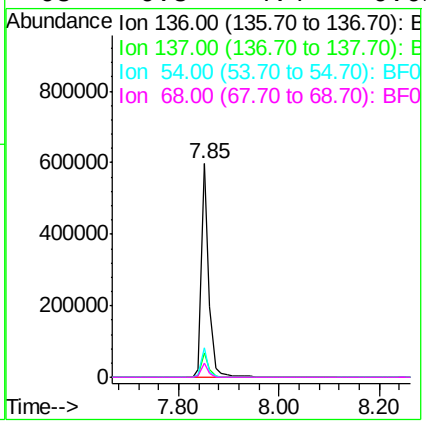


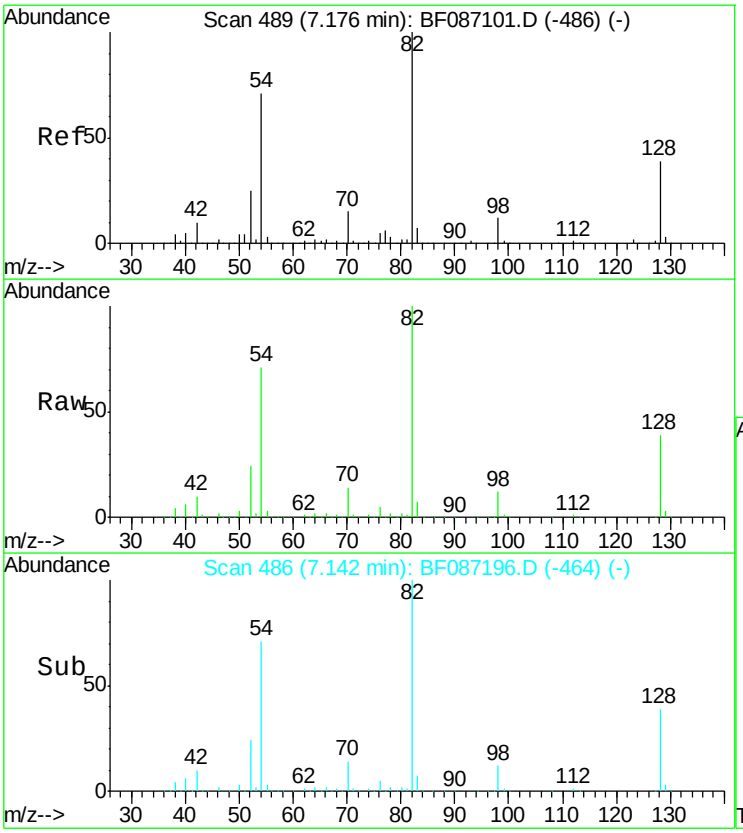
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.05 min
Lab File: BF087196.D
Acq: 19 May 2016 19:37

Instrument :
BNA_F
ClientSampleId :
2-RAMP-AC(0-2)

Tgt Ion:136 Resp: 605509

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	13.7	5.0	7.4#
68	6.8	4.4	6.6#

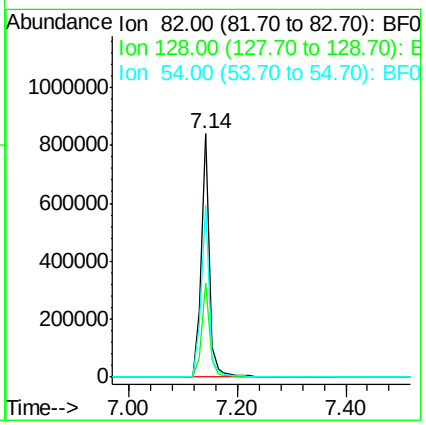


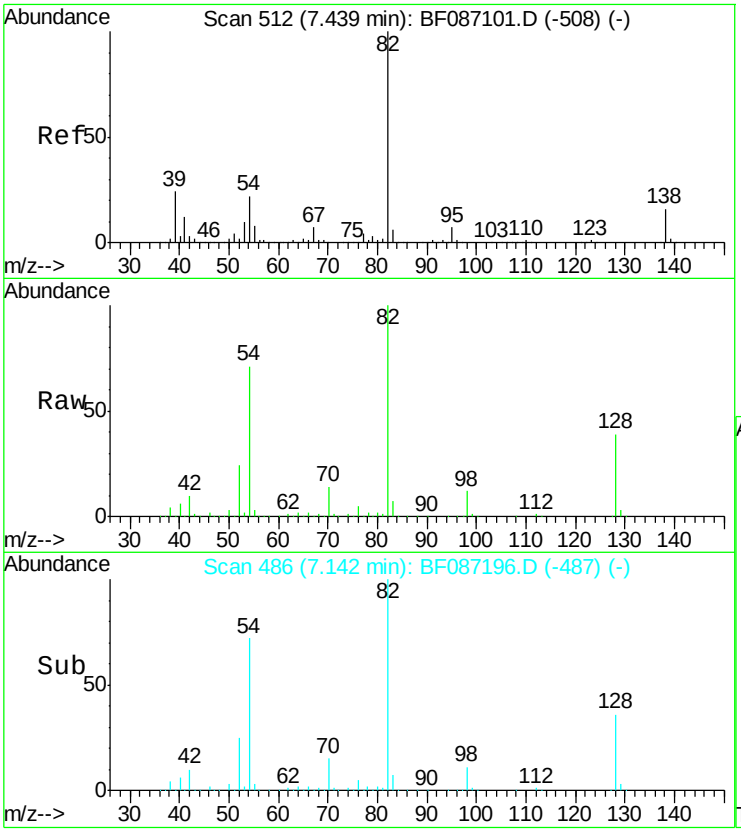


#23
Nitrobenzene-d5
Concen: 71.74 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.05 min
Lab File: BF087196.D
Acq: 19 May 2016 19:37

Tgt Ion: 82 Resp: 871658

Ion	Ratio	Lower	Upper
82	100		
128	38.7	40.6	61.0#
54	70.5	38.1	57.1#



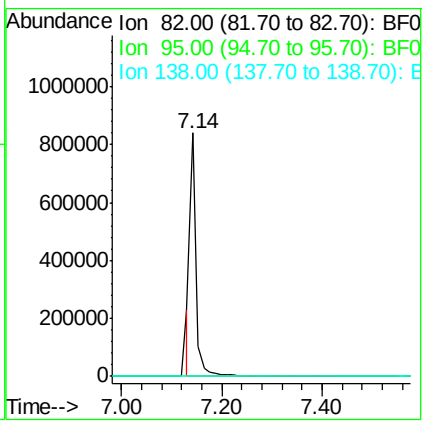


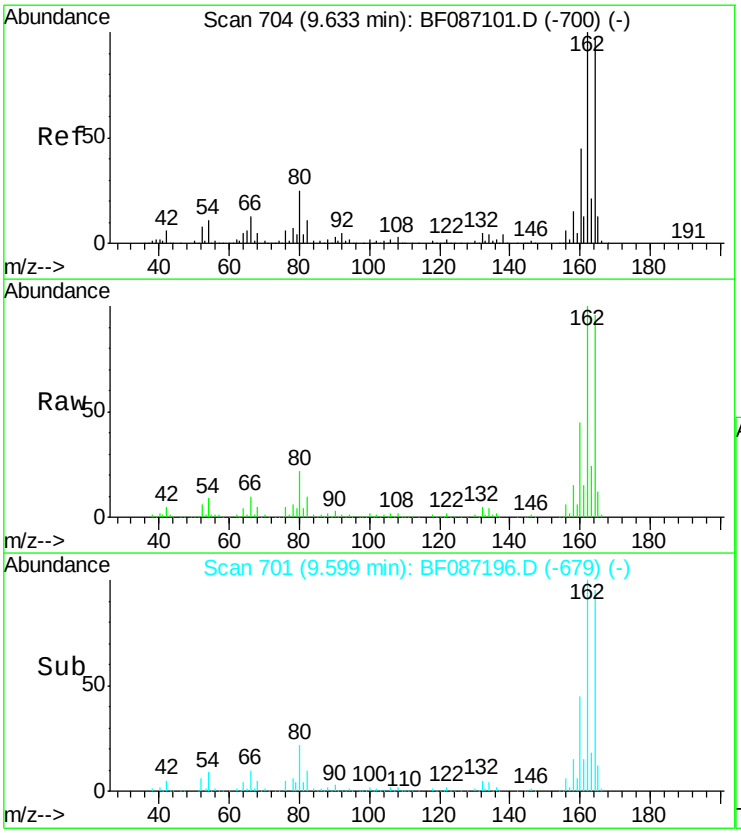
#25
Isophorone
Concen: 31.73 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.31 min
Lab File: BF087196.D
Acq: 19 May 2016 19:37

Instrument :
BNA_F
ClientSampleId :
2-RAMP-AC(0-2)

Tgt Ion: 82 Resp: 705804

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: 9.60 min Scan# 701
Delta R.T. -0.05 min
Lab File: BF087196.D
Acq: 19 May 2016 19:37

Tgt Ion:164 Resp: 293498

Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.8	124.2
160	47.3	36.9	55.3