Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091399.D
Acq On : 2 Dec 2016 19:52
Operator : UM/SJ
Sample : H5819-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 113016-06

Quant Time: Dec 02 22:24:01 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	194081	20.00	ng		-0.02
21) Naphthalene-d8	8.14	136	742005	20.00	ng		-0.03
38) Acenaphthene-d10	9.90	164	481161	20.00	ng		-0.02
63) Phenanthrene-d10	11.37	188	793334	20.00	ng		-0.03
75) Chrysene-d12	14.01	240	694059	20.00	ng		-0.03
86) Perylene-d12	15.44	264	514756	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1110391	93.46	ng		0.00
7) Phenol-d6	6.49	99	1391394	95.14	ng		0.00
23) Nitrobenzene-d5	7.42	82	777062	58.69	ng		-0.03
41) 2,4,6-Tribromophenol	10.69	330	425934	93.51	ng		-0.02
44) 2-Fluorobiphenyl	9.22	172	1651064	62.13	ng		-0.02
78) Terphenyl-d14	12.97	244	1810177	56.69	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.63	77	27320	2.90	ng		94
10) Phenol	6.49	94	54697	3.18	ng	#	6
19) n-Nitroso-di-n-propylamine	7.42	70	106980	11.61	ng	#	74
25) Isophorone	7.42	82	596802	25.44	ng	#	67
49) Dimethylphthalate	9.61	163	146801	5.04	ng		98
50) 2,6-Dinitrotoluene	9.90	165	62555	9.61	ng	#	16
56) 2,4-Dinitrotoluene	9.90	165	62557	7.41	ng	#	33
66) 4-Bromophenyl-phenylether	10.69	248	27928	3.28	ng	#	1

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

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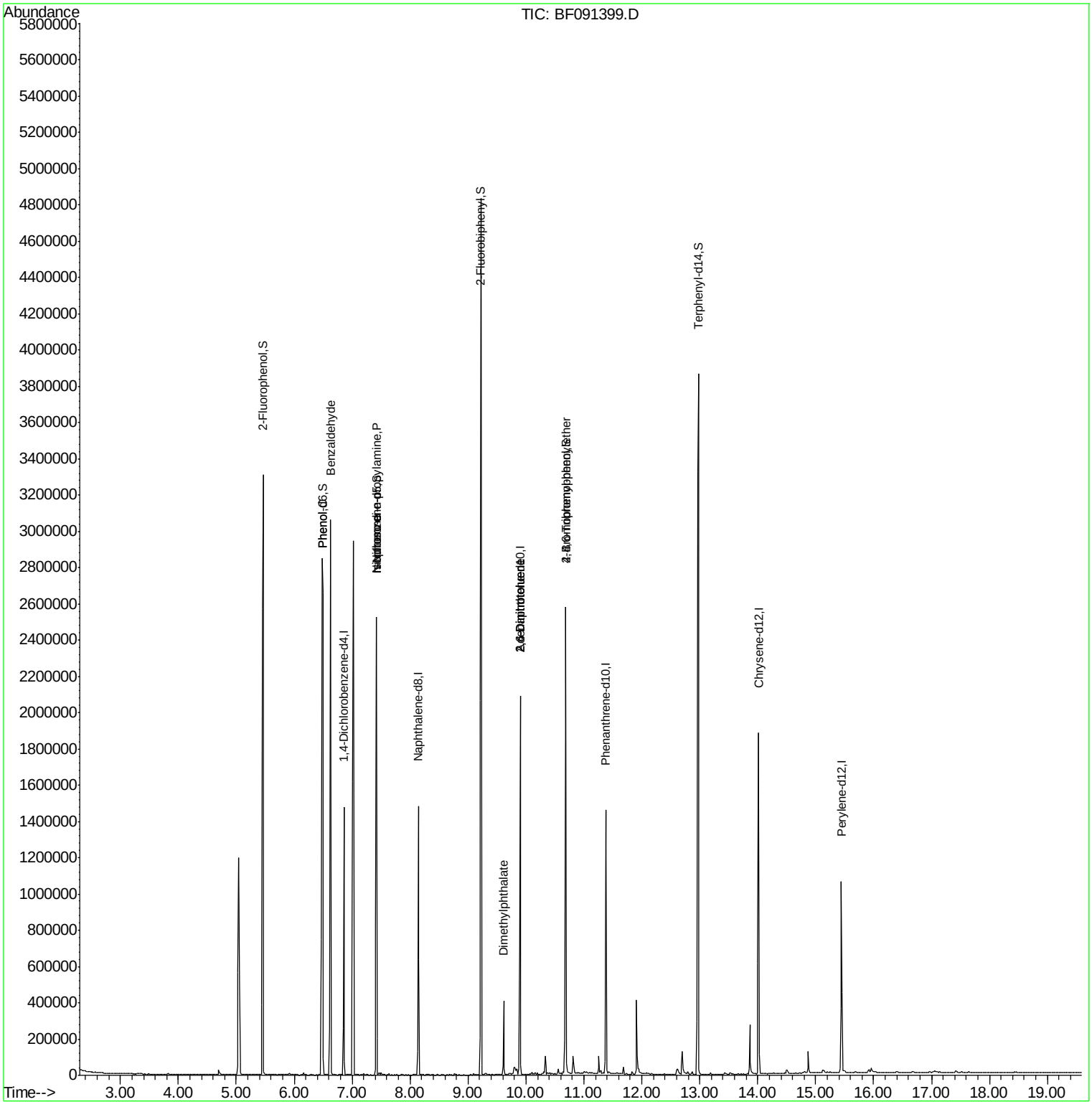
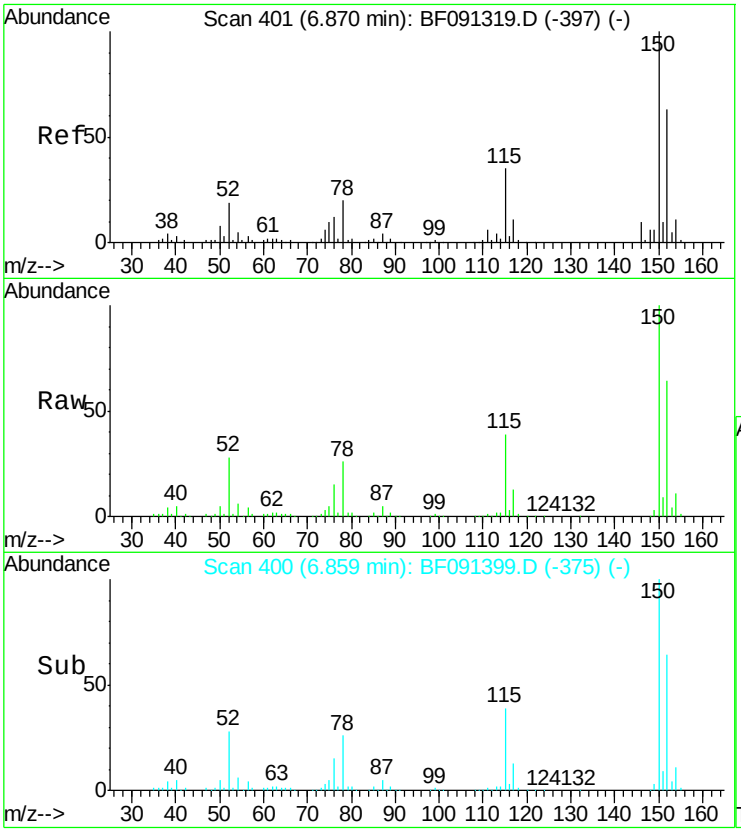


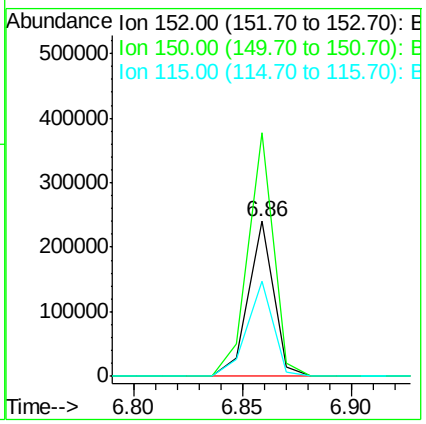


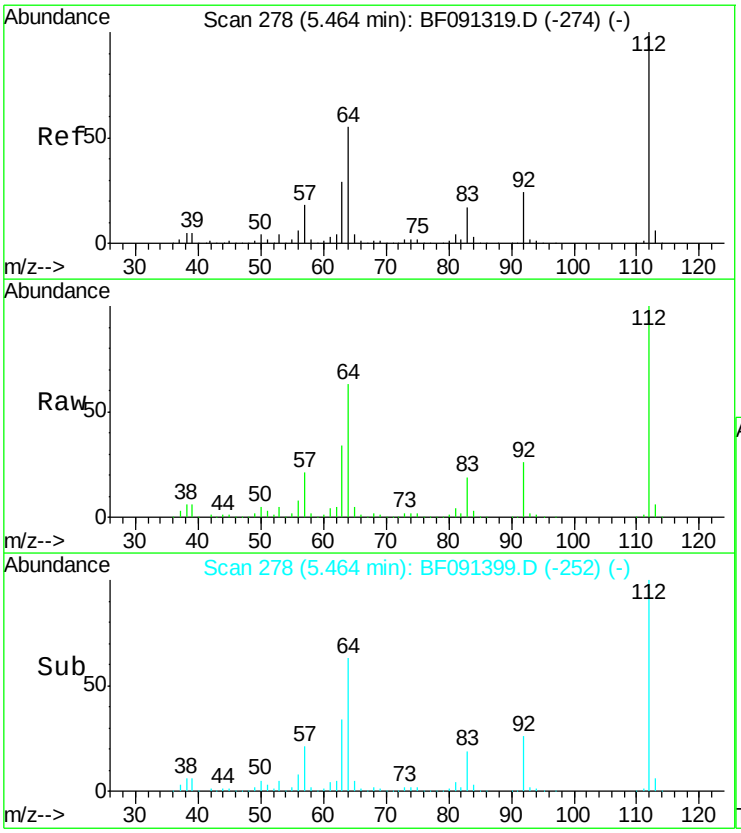
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF091399.D
Acq: 2 Dec 2016 19:52

Instrument :
BNA_F
ClientSampleId :
113016-06

Tgt Ion:152 Resp: 194081

Ion	Ratio	Lower	Upper
152	100		
150	157.1	122.5	183.7
115	61.6	51.8	77.8

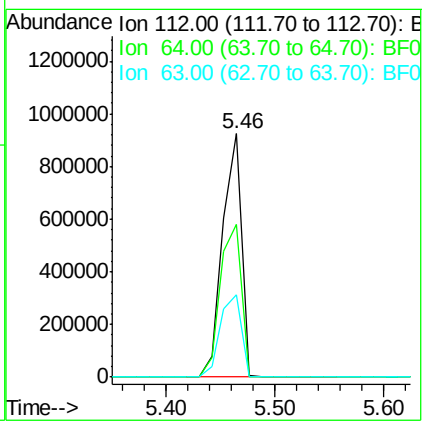


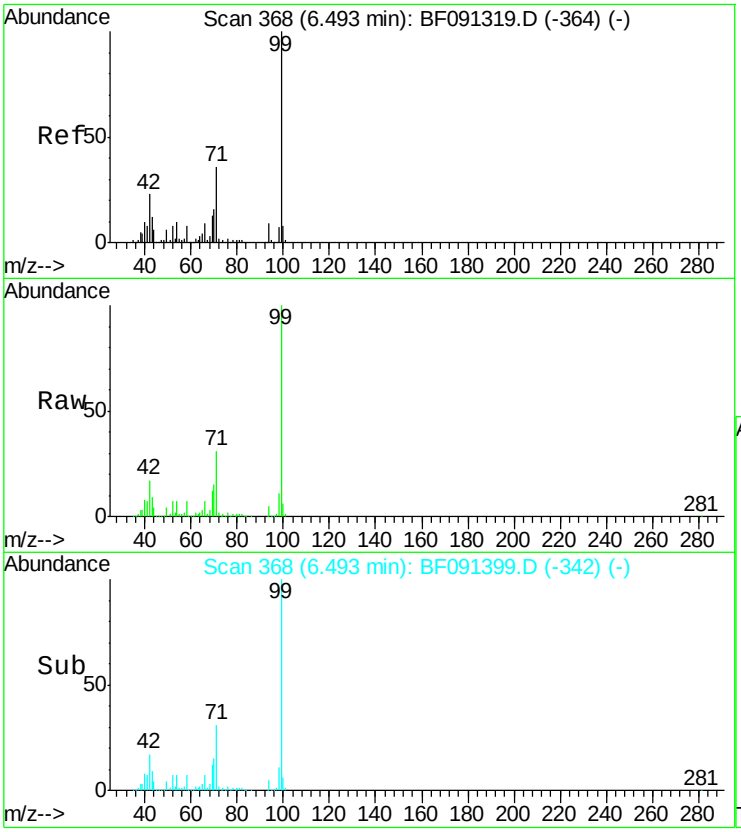


#5
2-Fluorophenol
Concen: 93.46 ng
RT: 5.46 min Scan# 278
Delta R.T. -0.00 min
Lab File: BF091399.D
Acq: 2 Dec 2016 19:52

Tgt Ion:112 Resp: 1110391

Ion	Ratio	Lower	Upper
112	100		
64	62.8	61.5	92.3
63	33.8	33.3	49.9



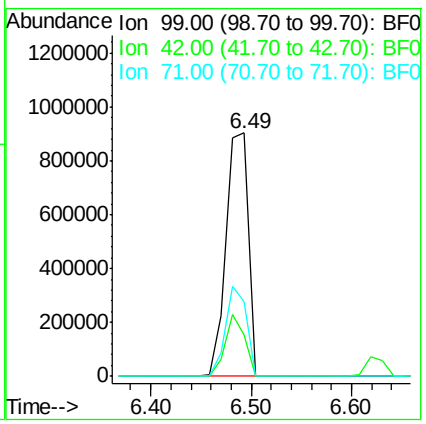


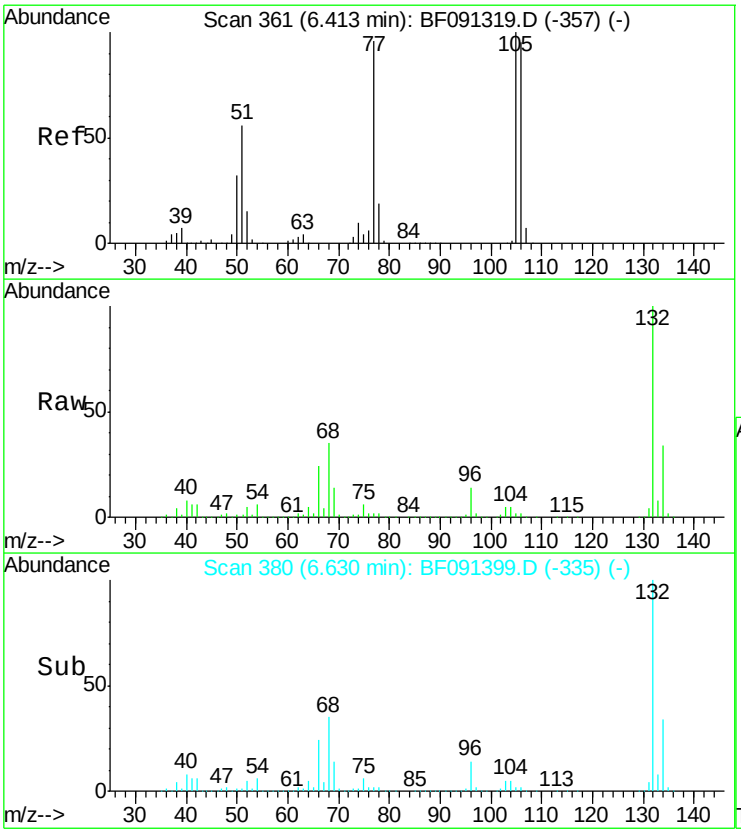
#7
Phenol-d6
Concen: 95.14 ng
RT: 6.49 min Scan# 368
Delta R.T. -0.01 min
Lab File: BF091399.D
Acq: 2 Dec 2016 19:52

Instrument :
BNA_F
ClientSampleId :
113016-06

Tgt Ion: 99 Resp: 1391394

Ion	Ratio	Lower	Upper
99	100		
42	17.0	20.6	31.0#
71	30.9	29.9	44.9

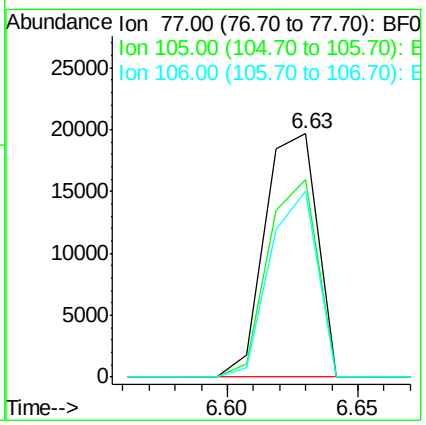


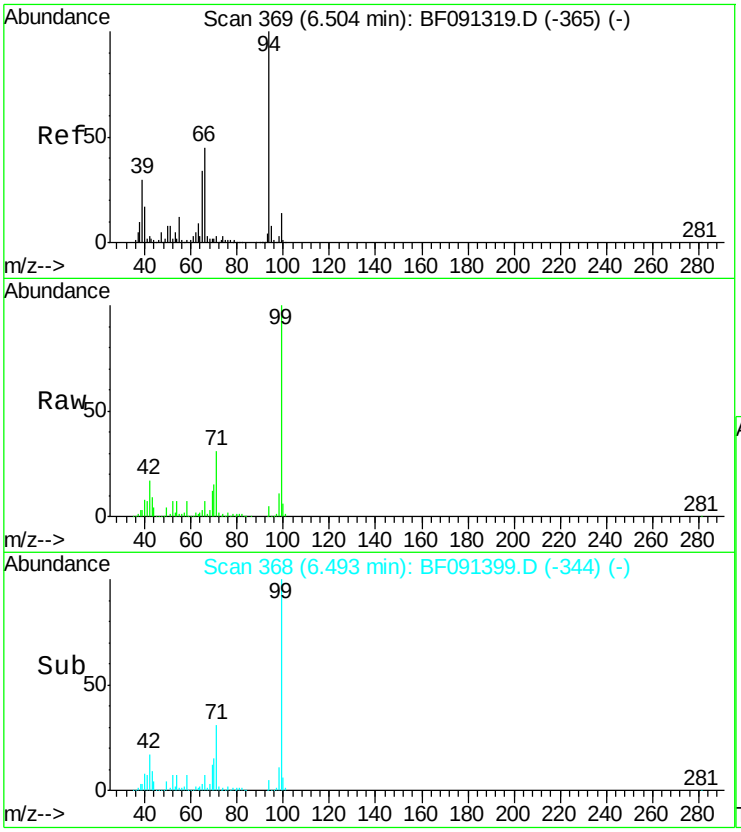


#9
Benzaldehyde
Concen: 2.90 ng
RT: 6.63 min Scan# 380
Delta R.T. 0.21 min
Lab File: BF091399.D
Acq: 2 Dec 2016 19:52

Tgt Ion: 77 Resp: 27320

Ion	Ratio	Lower	Upper
77	100		
105	81.1	66.4	106.4
106	76.2	60.9	100.9



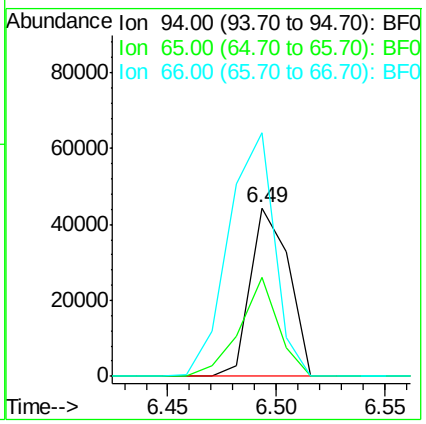


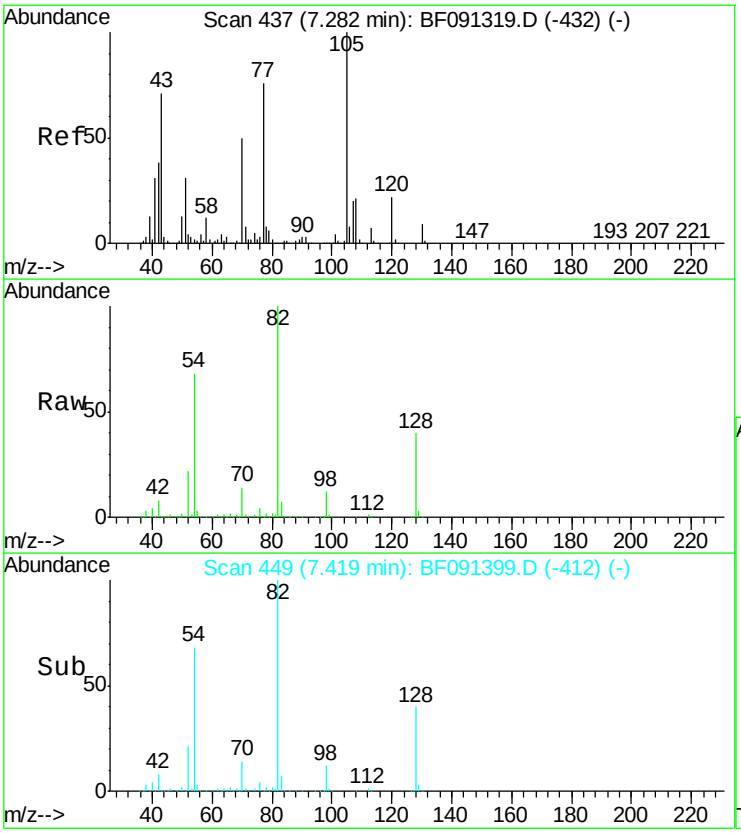
#10
Phenol
Concen: 3.18 ng
RT: 6.49 min Scan# 368
Delta R.T. -0.03 min
Lab File: BF091399.D
Acq: 2 Dec 2016 19:52

Instrument :
BNA_F
ClientSampleId :
113016-06

Tgt Ion: 94 Resp: 54697

Ion	Ratio	Lower	Upper
94	100		
65	58.9	16.9	56.9#
66	144.7	30.6	70.6#

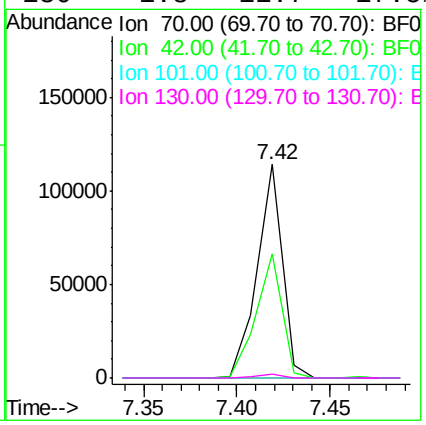


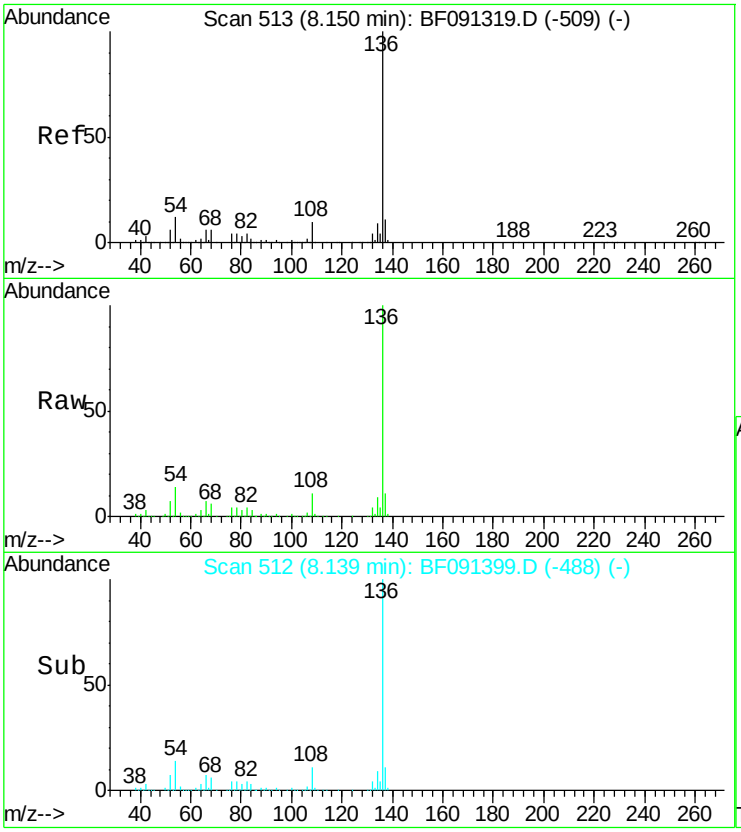


#19
n-Nitroso-di-n-propylamine
Concen: 11.61 ng
RT: 7.42 min Scan# 449
Delta R.T. 0.12 min
Lab File: BF091399.D
Acq: 2 Dec 2016 19:52

Tgt Ion: 70 Resp: 106980

Ion	Ratio	Lower	Upper
70	100		
42	58.3	64.8	97.2#
101	0.0	6.2	9.4#
130	1.8	11.7	17.5#



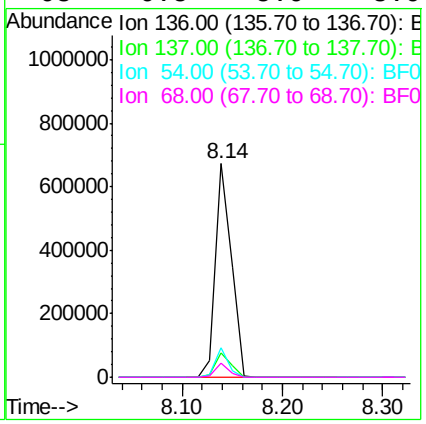


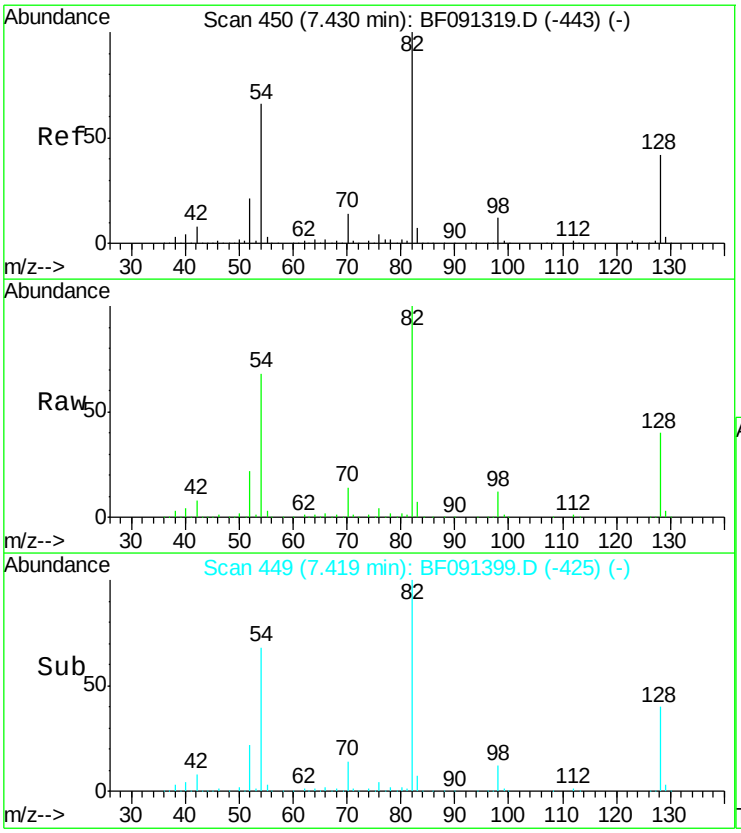
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 512
Delta R.T. -0.03 min
Lab File: BF091399.D
Acq: 2 Dec 2016 19:52

Instrument :
BNA_F
ClientSampleId :
113016-06

Tgt Ion:136 Resp: 742005

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	13.8	9.1	13.7#
68	6.5	5.9	8.9





#23
Nitrobenzene-d5
Concen: 58.69 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF091399.D
Acq: 2 Dec 2016 19:52

Tgt Ion: 82 Resp: 777062

Ion	Ratio	Lower	Upper
82	100		
128	40.0	31.8	47.6
54	68.3	49.1	73.7