Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110816\
Data File : BF091091.D
Acq On : 8 Nov 2016 19:28
Operator : UM/SJ
Sample : H5581-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW3

Quant Time: Nov 09 00:44:20 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	172852	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	718066	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	372819	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	582584	20.00	ng	0.00
75) Chrysene-d12	13.80	240	455896	20.00	ng	-0.01
86) Perylene-d12	15.19	264	317641	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	700357	66.92	ng	0.01
7) Phenol-d6	6.32	99	585133	41.19	ng	0.00
23) Nitrobenzene-d5	7.23	82	1186058	90.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	458639	136.07	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1864599	86.10	ng	-0.01
78) Terphenyl-d14	12.76	244	2000429	109.50	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.43	77	30506	3.87	ng	85
15) Benzyl Alcohol	6.82	79	22857	2.28	ng	# 48
19) n-Nitroso-di-n-propylamine	7.23	70	168317	17.10	ng	# 78
25) Isophorone	7.23	82	1000028	39.43	ng	# 67
50) 2,6-Dinitrotoluene	9.70	165	47969	9.16	ng	# 11
55) 4-Nitrophenol	9.85	139	453	5.83	ng	# 1
56) 2,4-Dinitrotoluene	9.70	165	48191	7.23	ng	# 26
66) 4-Bromophenyl-phenylether	10.49	248	32092	5.30	ng	# 1

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

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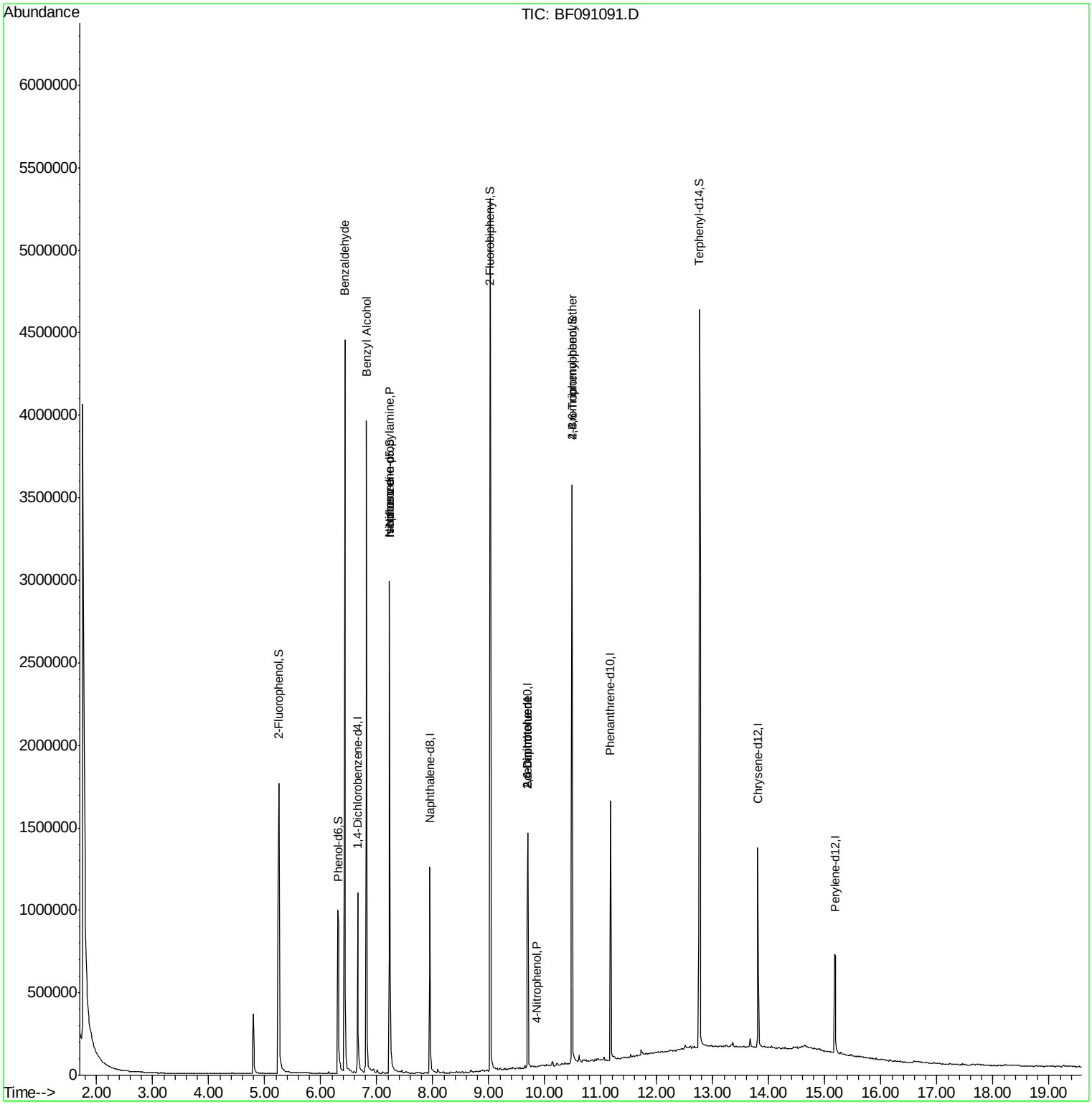
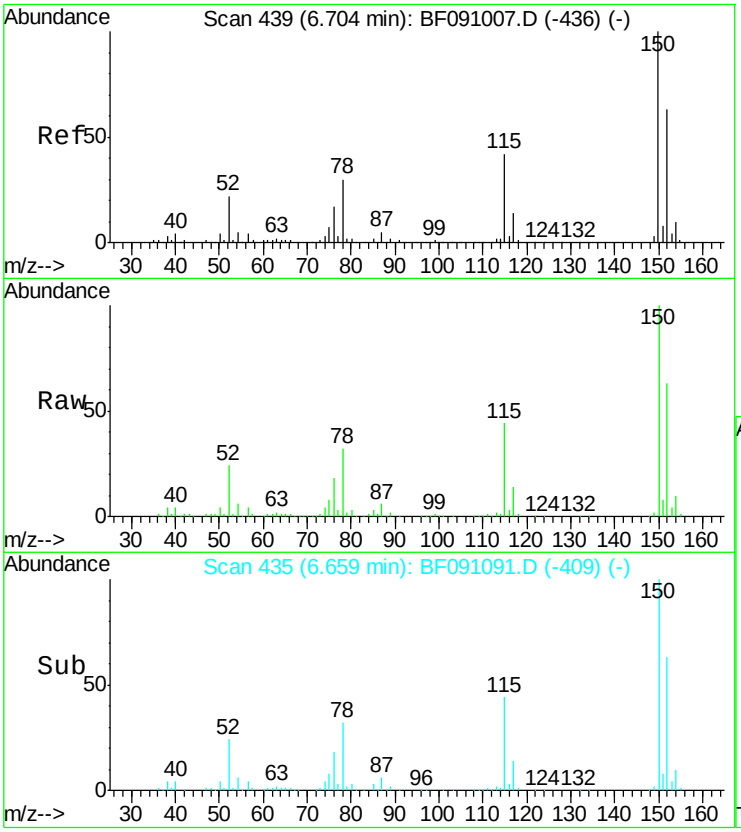


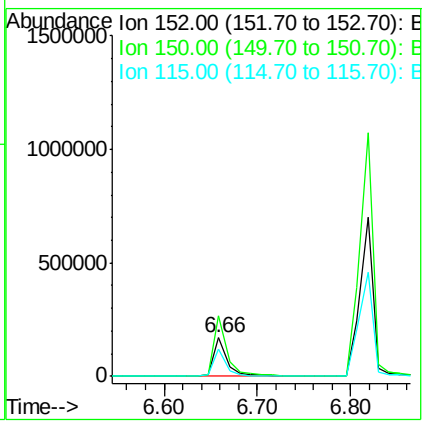


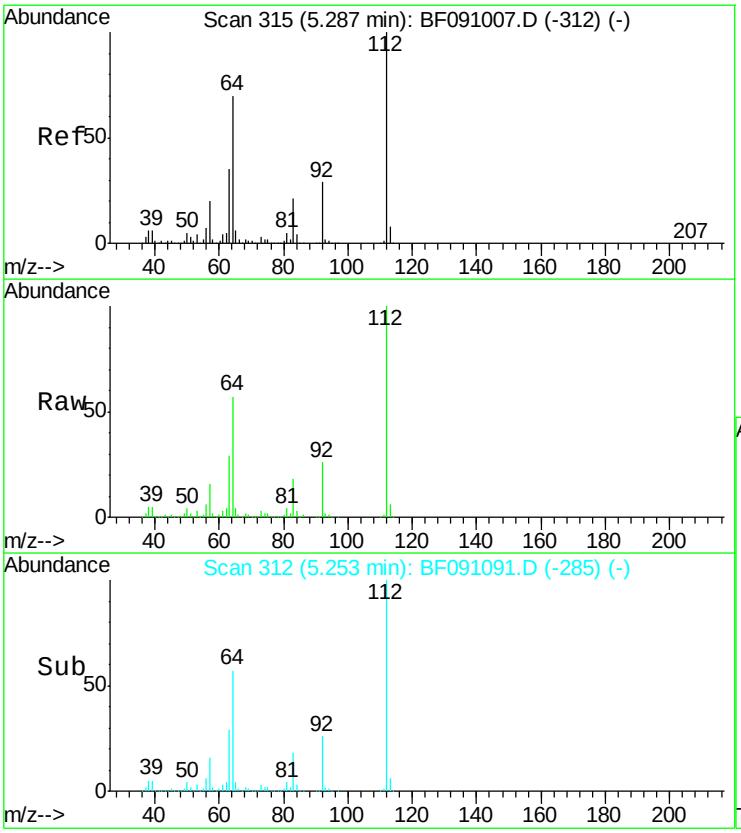
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF091091.D
Acq: 8 Nov 2016 19:28

Instrument :
BNA_F
ClientSampleId :
MW3

Tgt Ion:152 Resp: 172852

Ion	Ratio	Lower	Upper
152	100		
150	158.6	126.8	190.2
115	69.6	53.3	79.9

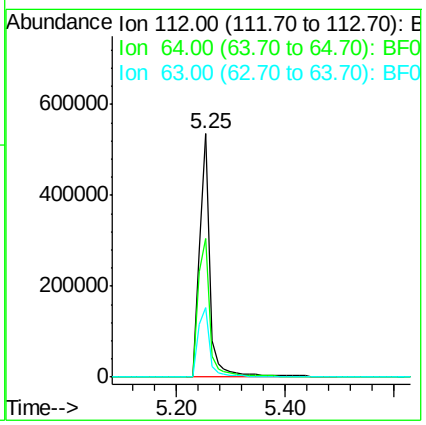


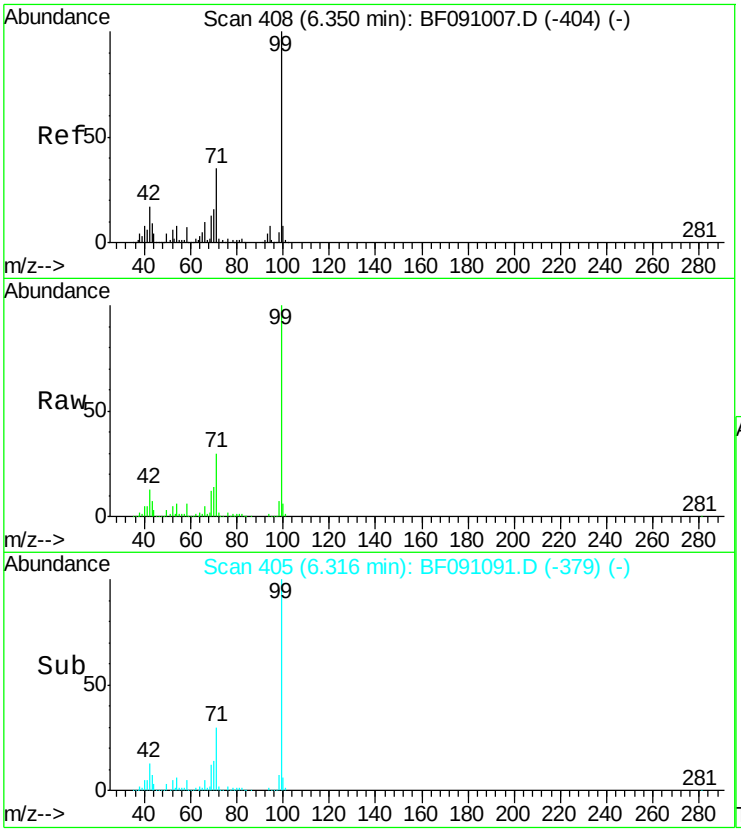


#5
2-Fluorophenol
Concen: 66.92 ng
RT: 5.25 min Scan# 312
Delta R.T. 0.01 min
Lab File: BF091091.D
Acq: 8 Nov 2016 19:28

Tgt Ion:112 Resp: 700357

Ion	Ratio	Lower	Upper
112	100		
64	56.8	55.8	83.6
63	28.7	28.0	42.0



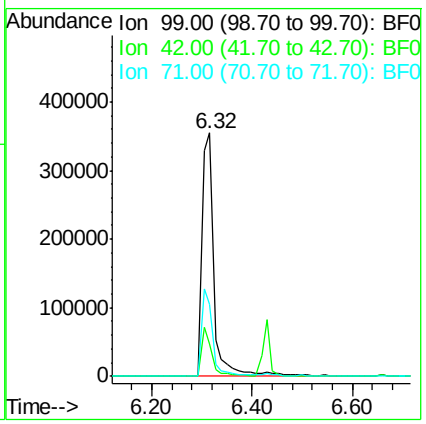


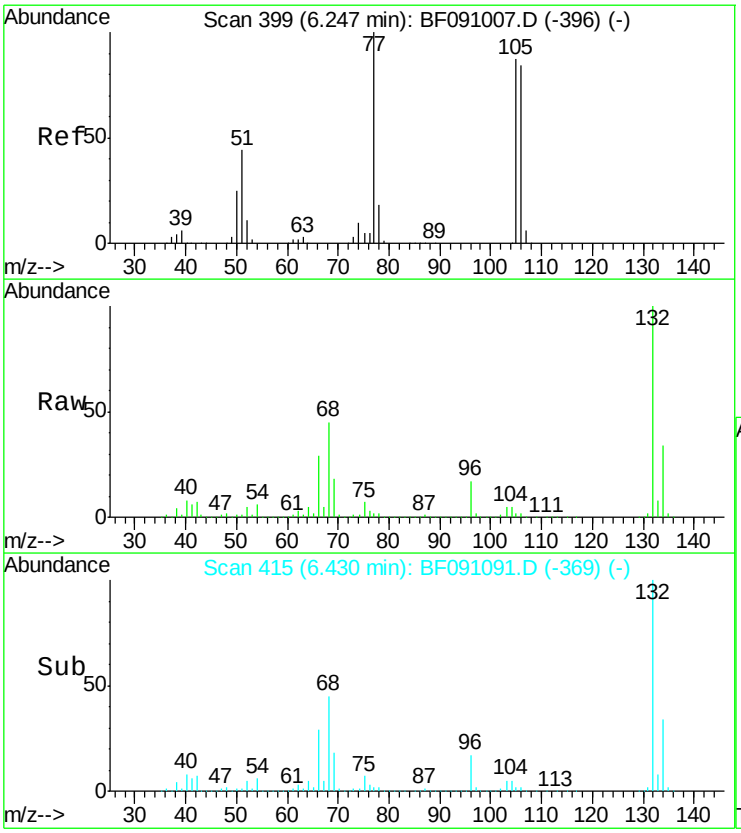
#7
Phenol-d6
Concen: 41.19 ng
RT: 6.32 min Scan# 405
Delta R.T. -0.00 min
Lab File: BF091091.D
Acq: 8 Nov 2016 19:28

Instrument :
BNA_F
ClientSampleId :
MW3

Tgt Ion: 99 Resp: 585133

Ion	Ratio	Lower	Upper
99	100		
42	13.1	13.9	20.9#
71	29.8	27.8	41.8

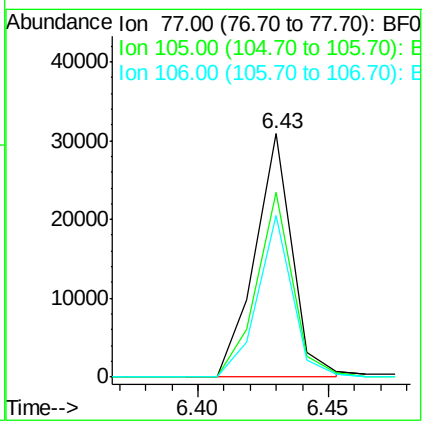


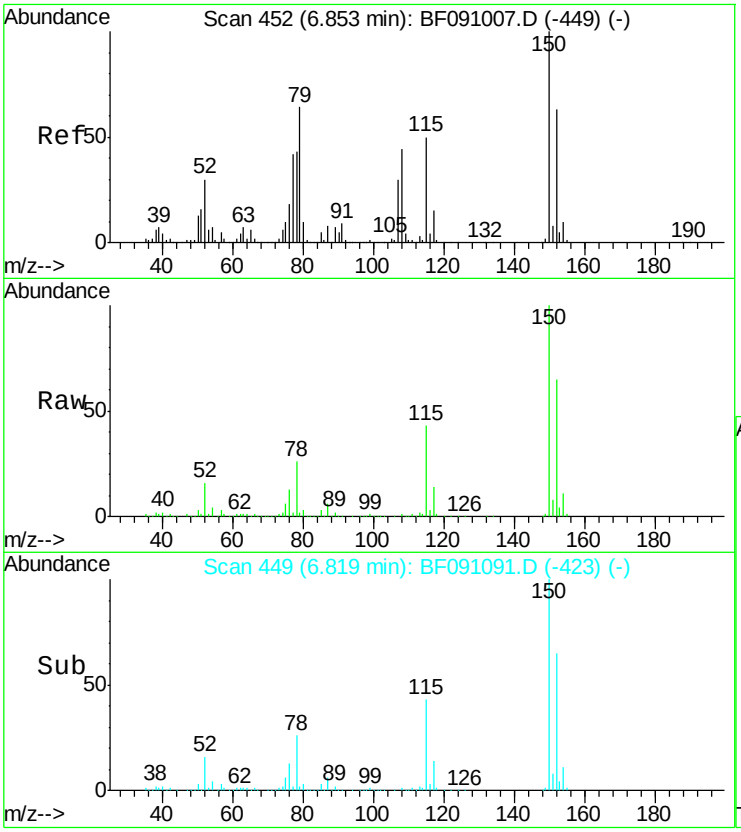


#9
Benzaldehyde
Concen: 3.87 ng
RT: 6.43 min Scan# 415
Delta R.T. 0.23 min
Lab File: BF091091.D
Acq: 8 Nov 2016 19:28

Tgt Ion: 77 Resp: 30506

Ion	Ratio	Lower	Upper
77	100		
105	75.9	66.8	106.8
106	66.5	64.0	104.0



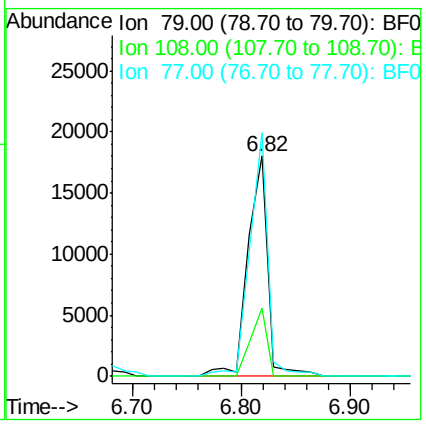


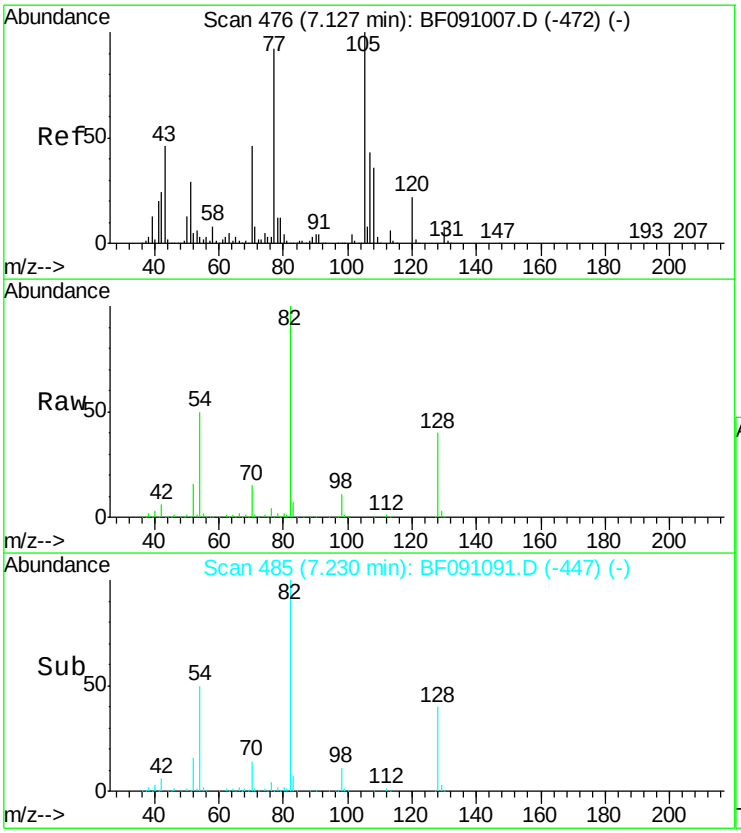
#15
Benzyl Alcohol
Concen: 2.28 ng
RT: 6.82 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF091091.D
Acq: 8 Nov 2016 19:28

Instrument :
BNA_F
ClientSampleId :
MW3

Tgt Ion: 79 Resp: 22857

Ion	Ratio	Lower	Upper
79	100		
108	31.2	55.7	83.5#
77	110.7	52.6	79.0#

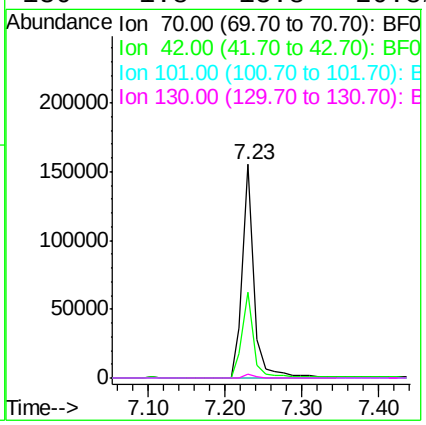


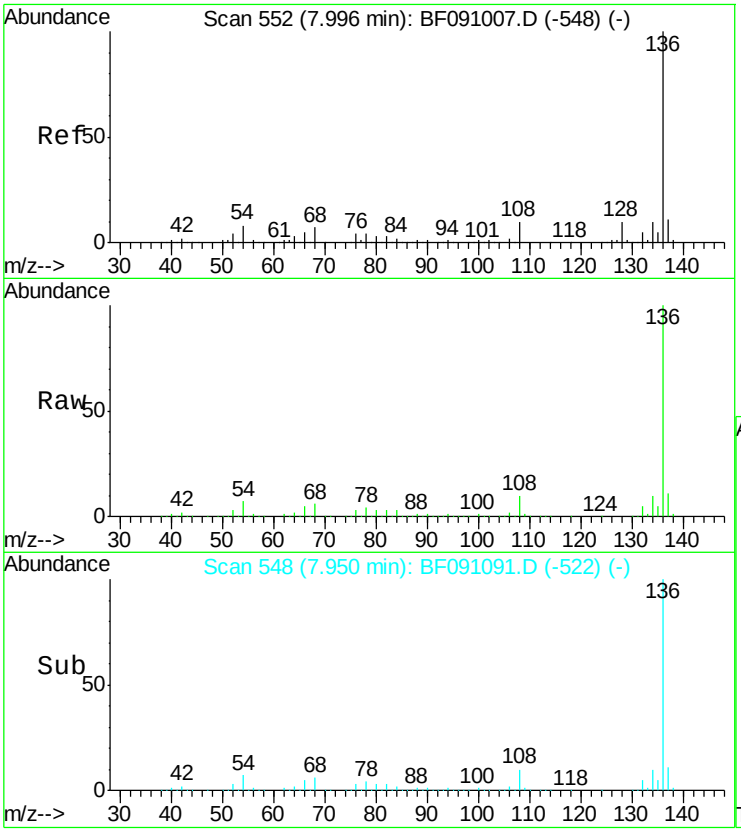


#19
n-Nitroso-di-n-propylamine
Concen: 17.10 ng
RT: 7.23 min Scan# 485
Delta R.T. 0.14 min
Lab File: BF091091.D
Acq: 8 Nov 2016 19:28

Tgt Ion: 70 Resp: 168317

Ion	Ratio	Lower	Upper
70	100		
42	40.3	41.7	62.5#
101	0.0	6.7	10.1#
130	1.8	13.8	20.8#



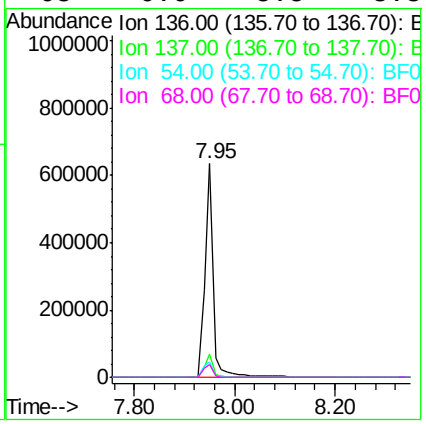


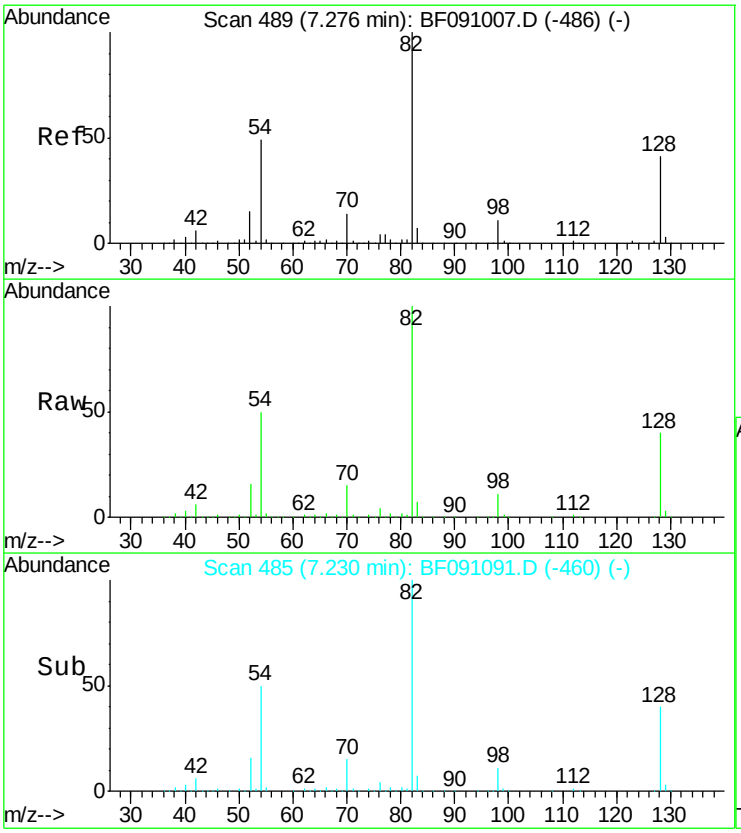
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF091091.D
Acq: 8 Nov 2016 19:28

Instrument :
BNA_F
ClientSampleId :
MW3

Tgt Ion:136 Resp: 718066

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.9	6.2	9.2
68	6.0	5.5	8.3

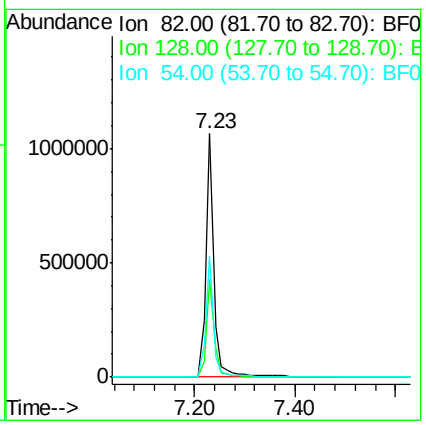


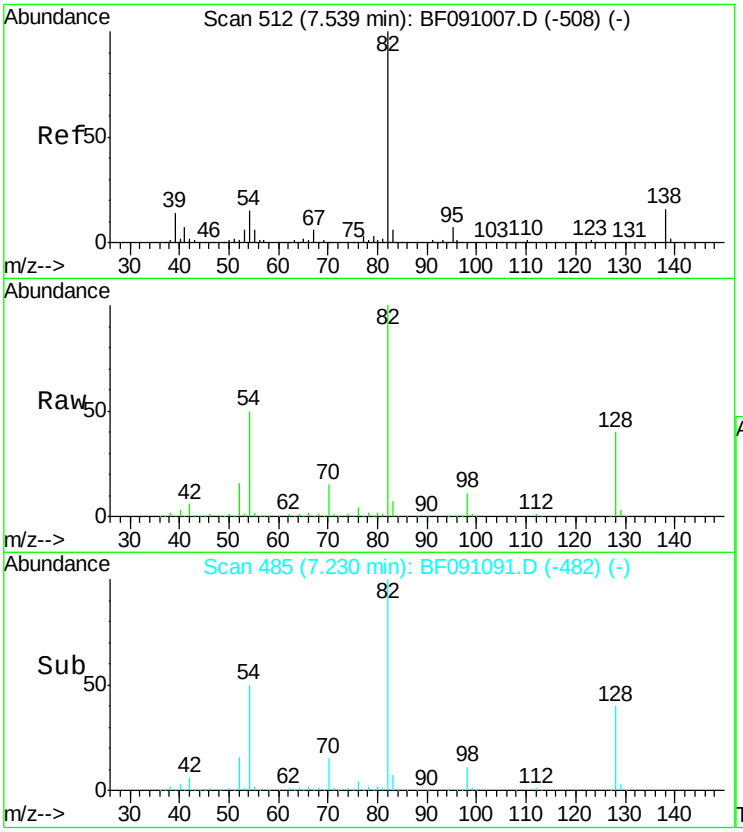


#23
Nitrobenzene-d5
Concen: 90.10 ng
RT: 7.23 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF091091.D
Acq: 8 Nov 2016 19:28

Tgt Ion: 82 Resp: 1186058

Ion	Ratio	Lower	Upper
82	100		
128	39.9	32.4	48.6
54	49.6	39.2	58.8



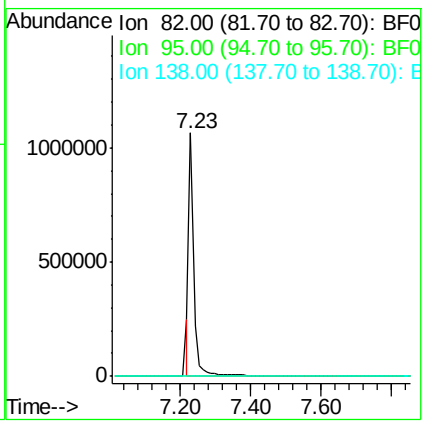


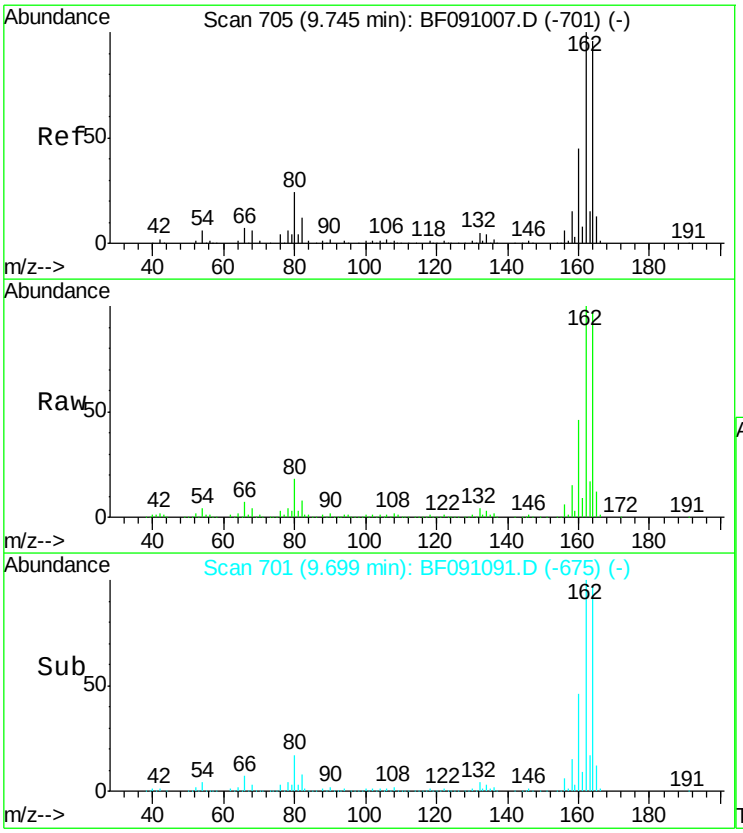
#25
Isophorone
Concen: 39.43 ng
RT: 7.23 min Scan# 485
Delta R.T. -0.26 min
Lab File: BF091091.D
Acq: 8 Nov 2016 19:28

Instrument :
BNA_F
ClientSampleId :
MW3

Tgt Ion: 82 Resp: 1000028

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.0	19.4#

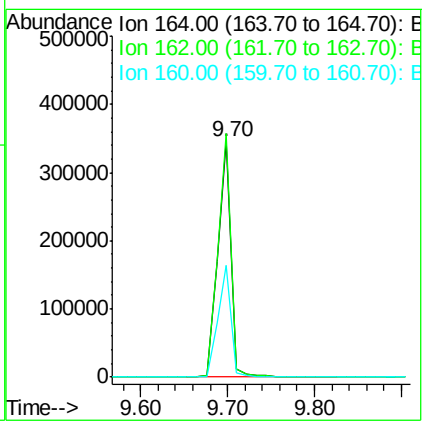


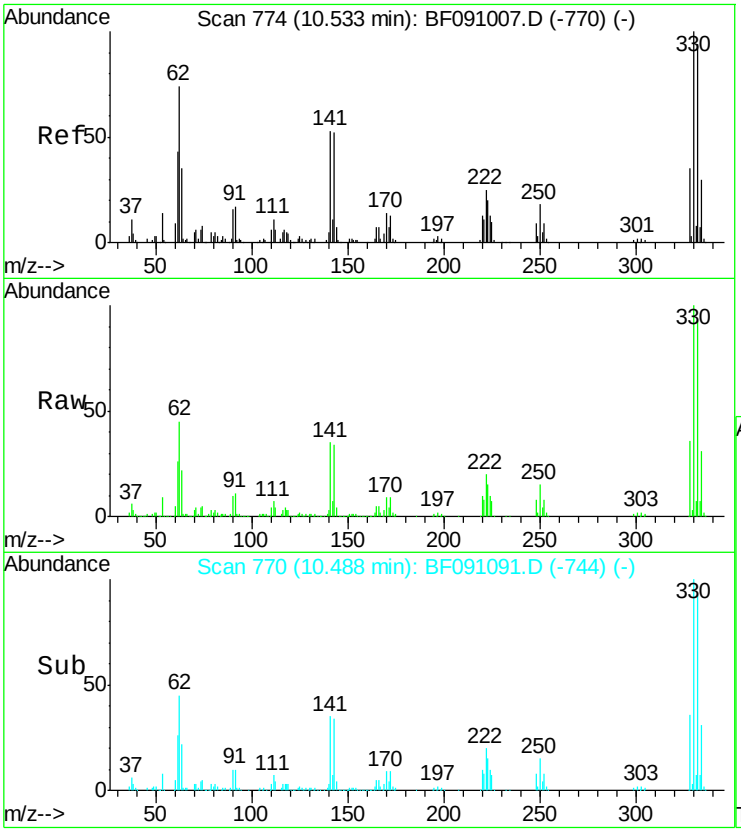


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF091091.D
Acq: 8 Nov 2016 19:28

Tgt Ion:164 Resp: 372819

Ion	Ratio	Lower	Upper
164	100		
162	103.4	83.6	125.4
160	47.3	37.9	56.9



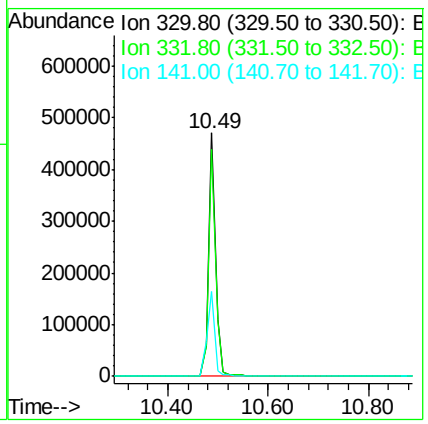


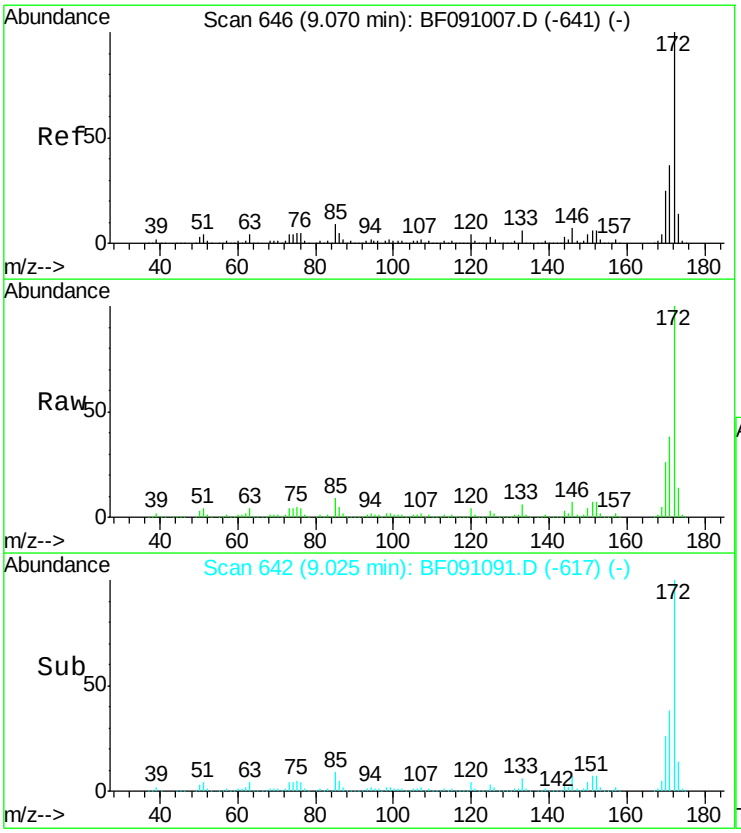
#41
2,4,6-Tribromophenol
Concen: 136.07 ng
RT: 10.49 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF091091.D
Acq: 8 Nov 2016 19:28

Instrument :
BNA_F
ClientSampleId :
MW3

Tgt Ion:330 Resp: 458639

Ion	Ratio	Lower	Upper
330	100		
332	94.4	75.9	113.9
141	37.8	36.1	54.1





#44
2-Fluorobiphenyl
Concen: 86.10 ng
RT: 9.02 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF091091.D
Acq: 8 Nov 2016 19:28

Tgt Ion:172 Resp: 1864599

Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.8	44.6
170	25.9	20.3	30.5